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BOHLKE,W.H. Florida Power & Light Co. See Report
RECIP.NAME RECIPIENT AFFILIATION
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SUBJECT: Forwards Ebasco Calculation EC-145,Rev 14, "PSB-1 Voltage Analysis for Electrical Auxiliary Sys," in response to NRC 910514 telcon request.

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JUN 12 1991

L-91-159

U. S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, D. C. 20555

Gentlemen:

Re: Turkey Point Units 3 and 4
Docket Nos. 50-250 and 50-251
Emergency Power System (EPS) Enhancement Project -
Undervoltage Relay Setpoint and Fire Protection

By letter L-91-089 dated April 4, 1991, Florida Power and Light (FPL) submitted a request to amend the Turkey Point Technical Specifications. During a telephone conversation between the NRC and FPL on May 14, 1991, the NRC requested one copy of Reference 5 as cited in Attachment 2 to the submittal. In response to this request, enclosed is the following document:

PSB-1 Voltage Analysis for Electrical Auxiliary System; EBASCO Calculation EC-145, Revision 4, dated March 1991.

Revision 5 to the above document is expected to be issued shortly, and will be available for NRC review upon issuance.

Should there be any questions, please contact us.

Very truly yours,

W. H. Bohlke
Vice President
Nuclear Engineering and Licensing

Attachment

WHB/RJT/rjt

cc: Stewart D. Ebneter, Regional Administrator, Region II, USNRC
Senior Resident Inspector, USNRC, Turkey Point Plant
Mr. Jacob Daniel Nash, Florida Department of Health and Rehabilitative Services

A001
1/1

STATE OF FLORIDA)
) ss.
COUNTY OF DADE)

W. H. Bohlke being first duly sworn, deposes and says:

That he is Vice President, Nuclear Engineering and Licensing, of Florida Power and Light Company, the Licensee herein;

That he has executed the foregoing document; that the statements made in this document are true and correct to the best of his knowledge, information and belief, and that he is authorized to execute the document on behalf of said Licensee.

W. H. Bohlke

Subscribed and sworn to before me this

12 day of June, 1991.

NOTARY PUBLIC, in and for the County of Dade, State of Florida

Notary Public, State of Florida
My Commission Expires Jan. 16, 1993

My Commission expires

EBASCO SERVICES INCORPORATED
AUXSYS4078-12/31/89
ELECTRICAL AUXILIARY DESIGN

VERIFICATION BY.....
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BUS NAME	MIN ALLOWABLE VOLTAGE FOR S S	MIN ALLOWABLE VOLTAGE WHEN STARTING OTHER MOTORS	MAX # WARNINGS FOR LOW VOLT
3B02	96.00 %	82.00 %	30.0

****
* LOAD DATA *
****

TYPE

1 MOTOR NAME | RATED HP | RATED KV | LRA/FLA | K1 FACTOR | SPEED 3.6K=1 <3.6K=2 | OP PWR FACTOR | OP EFF | ST PF | R-OHMS T-T | MOT SYN=2 IND=1 | CABLE RES REAC | 0=ON 1=OFF CON FOR S/C | VOLTAGE DROP CONDITION CODES (0=OK;1=OFF;2=STARTING)

2 GEN NAME | RATED MVA | RATED KV | PU OP VOLT | X C&L | X INT | X GVD | X/R | ANG DEG | CABLE RES REAC | CON FOR S/C

3 SYSTEM NAME | S/C MVA | X/R | PU OP VOLT | V/D MVA | OHMS FOR REACT OR ZX FOR TRANSF | % R/X FOR REAC OR XR FOR TRANSF | TRANSF MVA | REACT -TOL OR TRANSF KV | REAC +TOL OR TRANSF TOL | ANG DEG | CABLE RES REAC | CON FOR S/C

4 STATIC NAME | RATED KVA | RATED KV | RATED PF | CABLE RES REAC | CON FOR S/C

1	3P201B	150.00	.460	5.800	(1.2)	2.000	.900	.925	(.200)	(****)	(1.)	.032	.035	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1	3V1B	100.00	.460	7.750	(1.2)	2.000	(.850)	(.920)	(.200)	(****)	(1.)	.051	.035	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)

9106180362

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EBASCO SERVICES INCORPORATED
AUXSYS4078-12/31/89
ELECTRICAL AUXILIARY DESIGN

BUS NAME	MIN ALLOWABLE VOLTAGE FOR S S	MIN ALLOWABLE VOLTAGE WHEN STARTING OTHER MOTORS	MAX # WARNINGS FOR LOW VOLT
3B04	96.00 %	82.00 %	30.0

****
* LOAD DATA *
****

TYPE																																			
1	MOTOR NAME	RATED HP	RATED KV	LRA/ FLA	K1 FACTOR	SPEED 3.6K=1 <3.6K=2	OP PWR FACTOR	OP EFF	ST PF	R-OHMS T-T	HOT SYN=2 IND=1	CABLE RES	CABLE REAC	0=ON 1=OFF CON FOR S/C	VOLTAGE DROP CONDITION CODES (0=ON;1=OFF;2=STARTING)																				
2	GEN NAME	RATED MVA	RATED KV	PU OP VOLT		X C&L	X INT	X GVD	X/R		ANG DEG	CABLE RES	CABLE REAC	CON FOR S/C																					
3	SYSTEM NAME	S/C MVA	X/R	PU OP VOLT	V/D MVA	OHMS FOR REACT OR Z% FOR TRANSF	% R/X FOR REAC OR %R FOR TRANSF	TRANSF MVA	REACT -TOL OR TRANSF KV	REAC +TOL OR TRANSF TOL	ANG DEG	CABLE RES	CABLE REAC	CON FOR S/C																					
4	STATIC NAME	RATED KVA	RATED KV	RATED PF								CABLE RES	CABLE REAC	CON FOR S/C	1	2	3	4	5	6	7	8	9	10	11										
1	3P214B	250.00	.460	6.540	(1.2)	1.000	.910	.940	.150	(****)	(1.)	.008	.018	(0)	1	1	2	(0)	(0)	(0)	(0)	(0)	(0)	(0)	2										
1	3S7B	150.00	.460	(6.000)	(1.2)	2.000	(.850)	(.920)	(.200)	(****)	(1.)	.020	.021	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0										
1	3H1	240.00	.460	(6.000)	(1.2)	2.000	(.850)	(.920)	(.200)	(****)	(1.)	.007	.005	1	1	1	1	1	1	1	1	1	1	1	1										
4	PH3B13	150.00	.480	1.000	*******	*****	*****	*****	******	****	***	.006	.009	(1)	1	1	1	1	1	1	1	1	1	1	1										

EBASCO SERVICES INCORPORATED
AUXSYS4078-12/31/89
ELECTRICAL AUXILIARY DESIGN

BUS NAME	MIN ALLOWABLE VOLTAGE FOR S S	MIN ALLOWABLE VOLTAGE WHEN STARTING OTHER MOTORS	MAX # WARNINGS FOR LOW VOLT
3B06	96.00 %	82.00 %	30.0

****
* LOAD DATA *
****

TYPE 1 MOTOR

NAME	RATED HP	RATED KV	LRA/ FLA	K1 FACTOR	SPEED 3.6K=1 <3.6K=2	OP PWR FACTOR	OP EFF	ST PF	R-OHMS T-T	MOT SYN=2 IND=1	CABLE RES	CABLE REAC	0=ON 1=OFF CON FOR S/C	VOLTAGE DROP CONDITION CODES (0=ON;1=OFF;2=STARTING)

TYPE 2 GEN

NAME	RATED MVA	RATED KV	PU OP VOLT	X C&L	X INT	X GVD	X/R	ANG DEG	CABLE RES	CABLE REAC	CON FOR S/C

TYPE 3 SYSTEM

NAME	S/C MVA	X/R	PU OP VOLT	V/D MVA	OHMS FOR REACT OR Z% FOR TRANSF	% R/X FOR REAC OR %R FOR TRANSF	TRANSF MVA	REACT -TOL OR TRANSF KV	REAC +TOL OR TRANSF TOL	ANG DEG	CABLE RES	CABLE REAC	CON FOR S/C

STATIC NAME	RATED KVA	RATED KV	RATED PF										CABLE RES	CABLE REAC	CON FOR S/C	1	2	3	4	5	6	7	8	9	10	11
1 3P203B	15.00	.460	(6.000)(	8.0)	2.000	(.850)(	.920)(	.200)(	****)(	1.)	.123	.030	(0)	(0)(0)(0)(0)(0)(0)(0)(0)(0)(0)(0												
1 3V20	20.00	.460	(6.000)(	8.0)	2.000	(.850)(	.920)(	.200)(	****)(	1.)	.183	.009	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1 3V2A	60.00	.460	(6.000)(	1.2)	2.000	(.850)(	.920)(	.200)(	****)(	1.)	.054	.020	(0)	1	1	1	1	1	1	1	1	1	1	1	1	1
1 3V30A	30.00	.460	5.390 (	8.0)	2.000	(.850)(	.920)	.420	(****)(	1.)	.194	.026	(0)	1	1	2	(0)(0)(0)(0)(0)(0)(0)(0									
1 3V3A	75.00	.460	6.060 (	1.2)	2.000	(.850)(	.920)	.350	(****)(	1.)	.032	.022	(0)	1	1	1	1	1	2	(0)(0)(0)(0)(0						
1 3V9	20.00	.460	(6.000)(	8.0)	2.000	(.850)(	.920)(	.200)(	****)(	1.)	.196	.010	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1 E16A/17	34.00	.460	(6.000)(	8.0)	2.000	(.850)(	.920)(	.200)(	****)(	1.)	.131	.014	(0)	(0)(0)(0)(0)(0)(0)(0)(0)(0)(0)(0												
1 E16E	36.00	.460	(6.000)(	8.0)	2.000	(.850)(	.920)(	.200)(	****)(	1.)	.039	.008	(0)	(0)(0)(0)(0)(0)(0)(0)(0)(0)(0)(0												
1 3V6B	2.00	.460	(6.000)(	8.0)	2.000	(.850)(	.920)(	.200)(	****)(	1.)	.640	.014	(0)	(0)(0)(0)(0)(0)(0)(0)(0)(0)(0)(0												
1 V8B	40.00	.460	(6.000)(	8.0)	2.000	(.850)(	.920)(	.200)(	****)(	1.)	.072	.017	(0)	(0)(0)(0)(0)(0)(0)(0)(0)(0)(0)(0												
4 3025	52.40	.480	1.000	*******	*****	*****	*****	******	****	***	.036	.009	(1)	(0)(0)(0)(0)(0)(0)(0)(0)(0)(0)(0												
4 STATICL	1.00	.480	1.000	*******	*****	*****	*****	******	****	*** (	.000)(	.000)(	1)	(0)(0)(0)(0)(0)(0)(0)(0)(0)(0)(0												
1 MOV381	.42	.460	5.200 (	8.0)	2.000	.850	.490	.600	(****)(	1.)	.720	.016	(0)	2	(0)(0)(0)(0)	1	1	1	1	1	1					
1 MOV626	1.00	.460	5.700 (	8.0)	2.000	.850	.390	.600	(****)(	1.)	.791	.017	(0)	2	(0)(0)(0)(0)	1	1	1	1	1	1					
1 MOV716B	1.30	.460	3.700 (	8.0)	2.000	.850	.600	.600	(****)(	1.)	.666	.014	(0)	2	(0)(0)(0)(0)	1	1	1	1	1	1					
1 MOV730	1.30	.460	3.700 (	8.0)	2.000	.850	.600	.600	(****)(	1.)	.796	.017	(0)	2	(0)(0)(0)(0)	1	1	1	1	1	1					
1 MOV744B	10.30	.460	7.200 (	8.0)	2.000	.850	.800	.600	(****)(	1.)	.568	.020	(0)	2	(0)(0)(0)(0)	1	1	1	1	1	1					
1 MOV843B	1.58	.460	7.400 (	8.0)	2.000	.850	.500	.600	(****)(	1.)	.818	.018	(0)	2	(0)(0)(0)(0)	1	1	1	1	1	1					
1 MOV880B	2.00	.460	3.700 (	8.0)	2.000	.850	.630	.600	(****)(	1.)	.731	.016	(0)	2	(0)(0)(0)(0)	1	1	1	1	1	1					
1 MOV1402	.33	.460	7.300 (	8.0)	2.000	.850	.480	.600	(****)(	1.)	.640	.014	(0)	2	(0)(0)(0)(0)	1	1	1	1	1	1					
1 MOV1418	1.50	.460	5.700 (	8.0)	2.000	.850	.500	.600	(****)(	1.)	.709	.015	(0)	2	(0)(0)(0)(0)	1	1	1	1	1	1					
1 MOV1425	.33	.460	5.200 (	8.0)	2.000	.850	.380	.600	(****)(	1.)	.986	.021	(0)	2	(0)(0)(0)(0)	1	1	1	1	1	1					
1 MOV1421	5.30	.460	8.500 (	8.0)	2.000	.850	.760	.600	(****)(	1.)	.528	.012	(0)	2	(0)(0)(0)(0)	1	1	1	1	1	1					

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EBASCO SERVICES INCORPORATED
AUXSYS4078-12/31/89
ELECTRICAL AUXILIARY DESIGN

BUS NAME	MIN ALLOWABLE VOLTAGE FOR S S	MIN ALLOWABLE VOLTAGE WHEN STARTING OTHER MOTORS	MAX # WARNINGS FOR LOW VOLT
B08N	90.00 %	80.00 %	30.0

****
* LOAD DATA *
****

TYPE	NAME	RATED HP / RATED MVA / RATED S/C MVA	RATED KV	LRA/ FLA / PU OP VOLT / X/R	K1 FACTOR / V/D MVA	SPEED 3.6K=1 <3.6K=2 / OHMS FOR REACT OR Z% FOR TRANSF	OP PWR FACTOR / X C&L / % R/X FOR REAC OR XR FOR TRANSF	OP EFF / X INT / TRANSF MVA	ST PF / X GVD / REACT -TOL OR TRANSF KV	R-OHMS T-T / X/R / REAC +TOL OR TRANSF TOL	MOT SYN=2 IND=1 / ANG DEG	CABLE RES	CABLE REAC	CON FOR S/C (0=ON 1=OFF)	VOLTAGE DROP CONDITION CODES (0=ON;1=OFF;2=STARTING)
1	MOTOR NAME	RATED HP	RATED KV	LRA/ FLA	K1 FACTOR	SPEED 3.6K=1 <3.6K=2	OP PWR FACTOR	OP EFF	ST PF	R-OHMS T-T	MOT SYN=2 IND=1	CABLE RES	CABLE REAC	CON FOR S/C	VOLTAGE DROP CONDITION CODES (0=ON;1=OFF;2=STARTING)
2	GEN NAME	RATED MVA	RATED KV	PU OP VOLT		X C&L	X INT	X GVD	X/R		ANG DEG	CABLE RES	CABLE REAC	CON FOR S/C	
3	SYSTEM NAME	S/C MVA	X/R	PU OP VOLT	V/D MVA	OHMS FOR REACT OR Z% FOR TRANSF	% R/X FOR REAC OR XR FOR TRANSF	TRANSF MVA	REACT -TOL OR TRANSF KV	REAC +TOL OR TRANSF TOL	ANG DEG	CABLE RES	CABLE REAC	CON FOR S/C	
4	STATIC NAME	RATED KVA	RATED KV	RATED PF								CABLE RES	CABLE REAC	CON FOR S/C	

1	3P204B	6.00	.460	(6.000)	(8.0)	2.000	(.850)	(.920)	(.200)	(****)	(1.)	.297	.007	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1	3P26B	3.00	.460	(6.000)	(8.0)	2.000	(.850)	(.920)	(.200)	(****)	(1.)	.371	.008	1	1	1	1	1	1	1	1	1	1
1	P208	20.00	.460	(6.000)	(8.0)	2.000	(.850)	(.920)	(.200)	(****)	(1.)	.119	.006	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1	4P26B	3.00	.460	(6.000)	(8.0)	2.000	(.850)	(.920)	(.200)	(****)	(1.)	.494	.011	1	1	1	1	1	1	1	1	1	1
1	P84A	20.00	.460	(6.000)	(8.0)	2.000	(.850)	(.920)	(.200)	(****)	(1.)	.116	.006	1	1	1	1	1	1	1	1	1	1
1	3P24B	3.00	.460	(6.000)	(8.0)	2.000	(.850)	(.920)	(.200)	(****)	(1.)	.532	.012	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1	P20	.50	.460	(6.000)	(8.0)	2.000	(.850)	(.920)	(.200)	(****)	(1.)	.854	.019	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1	P21	.50	.460	(6.000)	(8.0)	2.000	(.850)	(.920)	(.200)	(****)	(1.)	.879	.019	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1	3P25B	3.00	.460	(6.000)	(8.0)	2.000	(.850)	(.920)	(.200)	(****)	(1.)	.338	.007	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1	P22	.50	.460	(6.000)	(8.0)	2.000	(.850)	(.920)	(.200)	(****)	(1.)	.877	.019	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1	P220	3.00	.460	(6.000)	(8.0)	2.000	(.850)	(.920)	(.200)	(****)	(1.)	.271	.006	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1	4P24B	3.00	.460	(6.000)	(8.0)	2.000	(.850)	(.920)	(.200)	(****)	(1.)	.472	.010	1	1	1	1	1	1	1	1	1	1
1	4P25B	3.00	.460	(6.000)	(8.0)	2.000	(.850)	(.920)	(.200)	(****)	(1.)	.494	.011	1	1	1	1	1	1	1	1	1	1
1	P84B	20.00	.460	(6.000)	(8.0)	2.000	(.850)	(.920)	(.200)	(****)	(1.)	.117	.006	1	1	1	1	1	1	1	1	1	1
1	4P16A	50.00	.460	(6.000)	(1.2)	2.000	(.850)	(.920)	(.200)	(****)	(1.)	.054	.013	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1	3P16A	50.00	.460	(6.000)	(1.2)	2.000	(.850)	(.920)	(.200)	(****)	(1.)	.054	.013	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1	3V36A	2.00	.460	(6.000)	(8.0)	2.000	(.850)	(.920)	(.200)	(****)	(1.)	.340	.007	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1	V78	5.00	.460	(6.000)	(8.0)	2.000	(.850)	(.920)	(.200)	(****)	(1.)	.293	.009	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
4	NS233M	27.40	.480	.850	*******	*****	*****	*****	******	****	***	.116	.013	(1)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
4	STATICL	1.00	.480	1.000	*******	*****	*****	*****	******	****	***	(.000)	(.000)	(1)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)

JOB ID 3/06/91
VERIFICATION BY .....
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EBASCO SERVICES INCORPORATED
AUXSYS4078-12/31/89
ELECTRICAL AUXILIARY DESIGN

BUS NAME	MIN ALLOWABLE VOLTAGE FOR S S	MIN ALLOWABLE VOLTAGE WHEN STARTING OTHER MOTORS	MAX # WARNINGS FOR LOW VOLT
3B52	96.00 %	82.00 ,%	30.0

****
* LOAD DATA *
****

TYPE	NAME	RATED HP / RATED MVA / RATED KVA	RATED KV	LRA/FLA / PU OP VOLT / PU	K1 FACTOR / V/D MVA	SPEED 3.6K=1 <3.6K=2 / OHMS FOR REACT OR ZX FOR TRANSF	OP PWR FACTOR / % R/X FOR REAC OR XR FOR TRANSF	OP EFF / X C&L / X INT / X GVD / TRANSF MVA	ST PF / X/R / REACT -TOL OR TRANSF KV	R-OHMS T-T / REAC +TOL OR TRANSF TOL	MOT SYN=2 IND=1 / ANG DEG	CABLE RES	CABLE REAC	0=ON 1=OFF CON FOR S/C	VOLTAGE DROP CONDITION CODES (0=ON;1=OFF;2=STARTING)
1	MOTOR NAME	RATED HP	RATED KV	LRA/FLA	K1 FACTOR	SPEED 3.6K=1 <3.6K=2	OP PWR FACTOR	OP EFF	ST PF	R-OHMS T-T	MOT SYN=2 IND=1	CABLE RES	CABLE REAC	CON FOR S/C	VOLTAGE DROP CONDITION CODES (0=ON;1=OFF;2=STARTING)
2	GEN NAME	RATED MVA	RATED KV	PU OP VOLT		X C&L	X INT	X GVD	X/R		ANG DEG	CABLE RES	CABLE REAC	CON FOR S/C	
3	SYSTEM NAME	S/C MVA	X/R	PU OP VOLT	V/D MVA	OHMS FOR REACT OR ZX FOR TRANSF	% R/X FOR REAC OR XR FOR TRANSF	TRANSF MVA	REACT -TOL OR TRANSF KV	REAC +TOL OR TRANSF TOL	ANG DEG	CABLE RES	CABLE REAC	CON FOR S/C	
*	STATIC NAME	RATED KVA	RATED KV	RATED PF								CABLE RES	CABLE REAC	CON FOR S/C	1 2 3 4 5 6 7 8 9 10 11
1	3C2B	5.00	.460	(6.000)(	8.0)	2.000	(.850)(	.920)(	.200)(****)(	1.)		.125	.004	(0)	2 (0)(0)(0)(0)(0)(0)(0)(0)(0)(0
1	3V34B	5.00	.460	(6.000)(	8.0)	2.000	(.850)(	.920)(	.200)(****)(	1.)		.021	.002	(0)	2 (0)(0)(0)(0)(0)(0)(0)(0)(0)(0
1	3P10B	.75	.460	(6.000)(	8.0)	2.000	(.850)(	.920)(	.200)(****)(	1.)		.162	.005	(0)	2 (0)(0)(0)(0)(0)(0)(0)(0)(0)(0
1	3V65B	2.00	.460	(6.000)(	8.0)	2.000	(.850)(	.920)(	.200)(****)(	1.)		1.003	.032	(0)	(0)(0)(0)(0)(0)(0)(0)(0)(0)(0
1	3S230	7.00	.460	(6.000)(	8.0)	2.000	(.850)(	.920)(	.200)(****)(	1.)		.396	.042	(0)	(0)(0)(0)(0)(0)(0)(0)(0)(0)(0
4	3C13B	17.00	.480	1.000	*******	*****	*****	*****	******	****	***	.018	.002	(1)	2 (0)(0)(0)(0)(0)(0)(0)(0)(0)(0
4	STATICL	1.00	.480	1.000	*******	*****	*****	*****	******	****	***	(.000)(	.000)(	(1)	(0)(0)(0)(0)(0)(0)(0)(0)(0)(0

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                             BUS NAME                  MIN  ALLOWABLE           MIN  ALLOWABLE
                                                       VOLTAGE FOR S S        VOLTAGE WHEN STARTING  MAX  # WARNINGS FOR LOW VOLT
                                                                                OTHER MOTORS
                             3B54                        90.00  %                  80.00  %                      30.0
 T                                                     ***************
 Y                                                     *  LOAD DATA  *
 P                                                     ***************
 E                                                                                                 0=ON
                                                                                                   1=OFF
 1 MOTOR      RATED     RATED LRA/       K1   SPEED OP PWR     OP      ST     R-OHMS  MOT      CABLE     CON              VOLTAGE DROP
   NAME        HP        KV   FLA      FACTOR 3.6K=1 FACTOR    EFF     PF      T-T   SYN=2  RES  REAC  FOR             CONDITION CODES
                                              <3.6K=2                                IND=1             S/C          (0=ON;1=OFF;2=STARTING)

 2 GEN        RATED     RATED PU                  X      X      X      X/R          ANG      CABLE     CON
   NAME        MVA       KV   OP                 C&L    INT    GVD                  DEG    RES  REAC  FOR
                              VOLT                                                                     S/C

 3 SYSTEM     S/C       X/R   PU         V/D    OHMS   % R/X  TRANSF REACT   REAC  ANG      CABLE     CON
   NAME        MVA            OP         MVA    FOR    FOR     MVA   -TOL    +TOL  DEG    RES  REAC  FOR
                              VOLT              REACT  REAC           OR      OR                       S/C
                                                OR Z%  OR %R         TRANSF  TRANSF
                                                FOR    FOR            KV     TOL
                                                TRANSF TRANSF
 4 STATIC     RATED     RATED RATED                                                            CABLE     CON
   NAME        KVA       KV    PF                                                            RES  REAC  FOR
                                                                                                       S/C  1  2  3  4  5  6  7  8  9 10 11
**************************************************************************************************************************************
1 HVACHP     18.00     .460 1.000 (    8.0) 2.000 ( .850)( .920)(  .200)(****)( 1.)( .000)( .000)(0) (0)(0)(0)(0)(0)(0)(0)(0)(0)(0)(0
4 HVACKW     27.00     .480 1.000 *******  *****  *****  *****  ******  ****  *** ( .000)( .000)(1) (0)(0)(0)(0)(0)(0)(0)(0)(0)(0)(0
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                             BUS NAME                 MIN  ALLOWABLE           MIN  ALLOWABLE
                                                      VOLTAGE FOR S S    VOLTAGE WHEN STARTING  MAX  # WARNINGS FOR LOW VOLT
                                                                           OTHER MOTORS
                             2BUS113                    ( 90.00) %            ( 70.70) %                  ( 5.0)
T                                                     ***************
Y                                                     *  LOAD DATA  *
P                                                     ***************                                0=ON
E                                                                                                    1=OFF
1 MOTOR    RATED    RATED LRA/       K1   SPEED OP PWR    OP      ST    R-OHMS  MOT     CABLE    CON            VOLTAGE DROP
  NAME      HP       KV    FLA    FACTOR 3.6K=1 FACTOR   EFF     PF    T-T    SYN=2  RES  REAC  FOR           CONDITION CODES
                                        <3.6K=2                              IND=1             S/C       (0=ON;1=OFF;2=STARTING)

2 GEN      RATED    RATED PU                  X      X      X    X/R          ANG      CABLE    CON
  NAME      MVA      KV    OP              C&L    INT    GVD                 DEG    RES  REAC  FOR
                           VOLT                                                                 S/C

3 SYSTEM    S/C     X/R   PU       V/D   OHMS    % R/X  TRANSF REACT   REAC  ANG      CABLE    CON
   NAME     MVA           OP       MVA   FOR     FOR      MVA  -TOL    +TOL  DEG    RES  REAC  FOR
                          VOLT           REACT   REAC             OR     OR                     S/C
                                         OR Z%  OR %R          TRANSF  TRANSF
                                         FOR     FOR             KV    TOL
                                        TRANSF  TRANSF
4 STATIC   RATED    RATED RATED                                                          CABLE    CON
  NAME      KVA      KV    PF                                                          RES  REAC  FOR
                                                                                                 S/C  1  2  3  4  5  6  7  8  9 10 1
*************************************************************************************************************************************
3 SWICHYD15000.00  19.000 1.008    4435.0    .000    .000    .000 (  .000)(  .0)( 0.)( .000)( .000)(0) (0)(0)(0)(0)(0)(0)(0)(0)(0)(0)((
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BUS TIE CONNECTION DATA

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T  (NOTE: "C"=CABLE "T"=TRANSFORMER "R"=REACTOR ***=IMP  FOR 3-WIND  **=IMP  FOR 2-WIND )
Y
P TIE  BUS OR  BUS OR  TERM NAME
E NAME  TERM    TERM   AWAY FROM
         NAME   NAME    CENTRAL
       TOWARD   AWAY    TRANSF
       CENTRAL  FROM    (USE THIS
       TRANSF  CENTRAL  COL  FOR
               TRANSF   3 -WIND
                         TRANSF )
C                                CABLE    CABLE
                                 RESIS    REAC

T       (A)      (B)      (C)    TRANSF  TERM (A) TERM (B) TERM (C) TRANSF
                                 RATED   RATED    RATED    RATED    TOL
                                  MVA     VOLT     VOLT     VOLT     %

R                                CABLE    CABLE    OHMS    REACTOR  +TOL    -TOL
                                 RESIS    REAC      X       X/R     FOR     FOR
                                                                    S/C     V/D
*****************************************************************************************************************
C TRLIN H1      2BUS113          ( .000)  ( .000)
C NONSG X1      3AA1               .000     .001
C NONSG Y1      3AB1               .000     .002
T 3X03  H1      X1      Y1       40.000  233.000    4.160   4.160    .000
***   ZH-X=16.640 %  RH-X=  .670 %  ZH-Y=16.900 %  RH-Y=  .680 %  ZX-Y=30.420 %  RX-Y= 1.220 %
R 3AA2  3AA1    3AA2             ( .000)  ( .000)     .04    80.0  (  .00) (  .00)
C 3AD   3AA2    3AD                .007     .016
C 3B01  X2      3B01             ( .000)  ( .000)
C 3B03  X4      3B03             ( .000)  ( .000)
C 3B05V 3B01    3B05V              .001     .003
C 3B05N 3B01    3B05N              .003     .003
C 3B07  3B03    3B07               .006     .013
C 3B08V 3B50    3B08V              .002     .004
C 3B50  3B04    3B50               .005     .010
C 3X04  3AA2    H2                 .004     .003
T 3X04  H2      X2                1.000    4.050     .480    .000   2.500
**    ZH-X= 5.540 %  RH-X=  .544 %
C 3X06  3AA2    H4                 .002     .002
T 3X06  H4      X4                1.000    4.050     .480    .000   2.500
**    ZH-X= 5.620 %  RH-X=  .544 %
R 3AB2  3AB1    3AB2             ( .000)  ( .000)     .04    80.0  (  .00) (  .00)
C 3B02  X3      3B02             ( .000)  ( .000)
C 3B04  X5      3B04             ( .000)  ( .000)
C 3B06  3B02    3B06               .004     .009
C B08N  3B04    B08N               .013     .014
C 3B52  3B04    3B52               .005     .010
T 3X05  H3      X3                1.000    4.050     .480    .000   2.500
**    ZH-X= 5.710 %  RH-X=  .544 %
C 3X05  3AB2    H3                 .003     .003
C 3X07  3AB2    H5                 .004     .003
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BUS TIE CONNECTION DATA

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T  (NOTE: "C"=CABLE "T"=TRANSFORMER "R"=REACTOR ***=IMP  FOR 3-WIND  **=IMP  FOR 2-WIND )
Y
P TIE  BUS OR  BUS OR  TERM NAME
E NAME  TERM    TERM   AWAY FROM
         NAME    NAME    CENTRAL
       TOWARD   AWAY    TRANSF
       CENTRAL  FROM    (USE THIS
       TRANSF  CENTRAL  COL  FOR
               TRANSF   3 -WIND
                         TRANSF )
C                                CABLE    CABLE
                                 RESIS    REAC

T       (A)      (B)      (C)    TRANSF  TERM (A) TERM (B) TERM (C) TRANSF
                                 RATED   RATED    RATED    RATED    TOL
                                  MVA     VOLT     VOLT     VOLT     %

R                                CABLE    CABLE    OHMS    REACTOR  +TOL    -TOL
                                 RESIS    REAC      X       X/R     FOR     FOR
                                                                    S/C     V/D
*****************************************************************************************************************
C 3B53  3B01    3B53              .002     .002
C 3B54  3B04    3B54              .002     .002
T 3X07  H5      X5               1.000    4.050     .480    .000   2.500
**    ZH-X= 5.710 %  RH-X=  .544 %
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SHORT CIRCUIT ANALYSIS

NOTE:
TYPE 1 FAULT= MEDIUM VOLTAGE FAULT CALCULATION
TYPE 2 FAULT= LOW VOLTAGE POWER CIRCUIT BREAKER FAULT CALCULATION
TYPE 3 FAULT= LOW VOLTAGE MOLDED CASE BREAKER FAULT CALCULATION

BASE MVA = 40.000

TYPE OF FAULT	FAULT BUS NAME	PER UNIT RESISTANCE	PER UNIT INT REACTANCE	PER UNIT C&L REACTANCE	X/R	INT KA	C&L KA	K3	K4	K5	BASE VOLTAGE (KV)
1	3AA1	.00523	.14028	.12688	24.0	42.8	70.0	1.08			4.160
1	3AA2	.00605	.21123	.18617	30.3	30.0	47.7	1.14			4.160
1	3AD	.02193	.24762	.22183	10.0	22.4	40.0	1.00			4.160
2	3B01	.17229	1.67927		9.7	28.7			1.06		.493
2	3B03	.19866	1.96944		9.9	24.6			1.07		.493
3	3B05V	.37474	2.08611		5.6	21.9				1.02	.493
3	3B05N	.54548	2.13471		3.9	20.7				1.00	.493
3	3B07	.89424	3.47994		3.9	12.7				1.00	.493
3	3B08V	.80736	3.11788		3.9	14.2				1.00	.493
1	3AB1	.00547	.14355	.13022	23.6	41.7	68.2	1.08			4.160
1	3AB2	.00630	.21505	.19088	29.9	29.4	46.5	1.14			4.160
2	3B02	.19655	1.91229		9.7	25.2			1.06		.493
2	3B04	.17621	1.67903		9.5	28.6			1.06		.493
3	3B06	.74703	3.01934		4.0	14.7				1.00	.493
3	B08N	1.81816	3.73990		2.1	11.0				1.00	.493
2	3B50	.66168	2.71799		4.1	16.3			1.00		.493
3	3B52	.95584	3.26587		3.4	13.4				1.00	.493
3	3B53	.43249	1.95600		4.5	22.8				1.00	.493
3	3B54	.48818	2.02395		4.1	21.9				1.00	.493

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VOLTAGE DROP ANALYSIS CASE #= 1

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
2BUS113	***PRIOR****	233.865KV=100.4% OF233.000KV	.0	.0	.0	.0
2BUS113	***DURING***	233.835KV=100.4% OF233.000KV	.0	.0	.0	.0
2BUS113	***AFTER****	233.860KV=100.4% OF233.000KV	.0	.0	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AA1	***PRIOR****	4.025KV= 96.7% OF 4.160KV	4110.5	2562.7	.0	.0
3AA1	***DURING***	4.019KV= 96.6% OF 4.160KV	4110.5	2562.7	.0	.0
3AA1	***AFTER****	4.024KV= 96.7% OF 4.160KV	4110.5	2562.7	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AB1	***PRIOR****	3.977KV= 95.6% OF 4.160KV	8222.3	5129.7	.0	.0
3AB1	***DURING***	3.970KV= 95.4% OF 4.160KV	8222.3	5129.7	.0	.0
3AB1	***AFTER****	3.976KV= 95.6% OF 4.160KV	8222.3	5129.7	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AA2	***PRIOR****	3.984KV= 95.8% OF 4.160KV	5253.0	2987.8	.0	.0
3AA2	***DURING***	3.976KV= 95.6% OF 4.160KV	5253.0	2987.8	.0	.0
3AA2	***AFTER****	3.983KV= 95.7% OF 4.160KV	5253.0	2987.8	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AD	***PRIOR****	3.981KV= 95.7% OF 4.160KV	626.8	409.1	.0	.0
3AD	***DURING***	3.974KV= 95.5% OF 4.160KV	626.8	409.1	.0	.0
3AD	***AFTER****	3.980KV= 95.7% OF 4.160KV	626.8	409.1	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B01	***PRIOR****	.461KV= 93.5% OF .493KV	247.0	138.7	.0	.0
3B01	***DURING***	.457KV= 92.7% OF .493KV	247.0	138.7	.0	.0
3B01	***AFTER****	.460KV= 93.3% OF .493KV	247.0	138.7	.0	.0

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NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B03	***PRIOR****	.466KV= 94.6% OF	.493KV	82.6	51.3	211.2	1.5
3B03	***DURING***	.462KV= 93.8% OF	.493KV	82.6	51.3	207.7	1.5
3B03	***AFTER****	.466KV= 94.5% OF	.493KV	82.6	51.3	210.7	1.5

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B05V	***PRIOR****	.460KV= 93.4% OF	.493KV	83.0	51.6	13.8	.0
3B05V	***DURING***	.456KV= 92.4% OF	.493KV	131.6	144.0	28.6	.0
3B05V	***AFTER****	.460KV= 93.2% OF	.493KV	100.2	62.0	29.1	.0

STARTING MOTOR NAME		HP			
3C2A	***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *
3C2A	***DURING***	5.0	.447KV= 97.3% OF	.460 KV	
3C2A	***AFTER****	5.0	.455KV= 98.9% OF	.460 KV	

STARTING MOTOR NAME		HP			
3P10	***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *
3P10	***DURING***	.8	.455KV= 98.8% OF	.460 KV	
3P10	***AFTER****	.8	.459KV= 99.7% OF	.460 KV	

STARTING MOTOR NAME		HP			
3V34	***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *
3V34	***DURING***	5.0	.448KV= 97.5% OF	.460 KV	
3V34	***AFTER****	5.0	.455KV= 99.0% OF	.460 KV	

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VOLTAGE DROP ANALYSIS CASE #= 1

STARTING MOTOR NAME	HP				
HOV1420***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *	
HOV1420***DURING***	5.2	.406KV= 88.4% OF	.460 KV		
HOV1420***AFTER****	5.2	.447KV= 97.2% OF	.460 KV		
STARTING MOTOR NAME	HP				
HOV1400***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *	
HOV1400***DURING***	.3	.452KV= 98.3% OF	.460 KV		
HOV1400***AFTER****	.3	.459KV= 99.8% OF	.460 KV		
STARTING MOTOR NAME	HP				
HOV1427***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *	
HOV1427***DURING***	.3	.450KV= 97.7% OF	.460 KV		
HOV1427***AFTER****	.3	.458KV= 99.5% OF	.460 KV		

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B05N	***PRIOR****	.458KV= 93.0% OF	.493KV	215.5	135.0	13.7	.0
3B05N	***DURING***	.455KV= 92.2% OF	.493KV	215.5	135.0	13.5	.0
3B05N	***AFTER****	.458KV= 92.9% OF	.493KV	215.5	135.0	13.6	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B07	***PRIOR****	.460KV= 93.4% OF	.493KV	157.6	97.4	64.8	.3
3B07	***DURING***	.453KV= 91.8% OF	.493KV	234.5	186.4	62.7	.3
3B07	***AFTER****	.459KV= 93.2% OF	.493KV	175.2	108.2	64.5	.3

STARTING MOTOR NAME	HP			
HOV716A***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *
HOV716A***DURING***	1.3	.450KV= 97.8% OF	.460 KV	
HOV716A***AFTER****	1.3	.458KV= 99.6% OF	.460 KV	

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VOLTAGE DROP ANALYSIS CASE #= 1

STARTING MOTOR NAME	HP				
MOV744A***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *	
MOV744A***DURING***	10.5	.410KV= 89.1% OF	.460 KV		
MOV744A***AFTER****	10.5	.451KV= 98.0% OF	.460 KV		
STARTING MOTOR NAME	HP				
MOV843A***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *	
MOV843A***DURING***	1.6	.446KV= 96.9% OF	.460 KV		
MOV843A***AFTER****	1.6	.458KV= 99.5% OF	.460 KV		
STARTING MOTOR NAME	HP				
MOV880A***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *	
MOV880A***DURING***	2.0	.449KV= 97.6% OF	.460 KV		
MOV880A***AFTER****	2.0	.458KV= 99.5% OF	.460 KV		
STARTING MOTOR NAME	HP				
MOV1401***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *	
MOV1401***DURING***	.3	.447KV= 97.1% OF	.460 KV		
MOV1401***AFTER****	.3	.458KV= 99.6% OF	.460 KV		
STARTING MOTOR NAME	HP				
MOV1426***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *	
MOV1426***DURING***	.3	.452KV= 98.2% OF	.460 KV		
MOV1426***AFTER****	.3	.459KV= 99.8% OF	.460 KV		
STARTING MOTOR NAME	HP				
MOV6386***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *	
MOV6386***DURING***	.1	.450KV= 97.9% OF	.460 KV		
MOV6386***AFTER****	.1	.459KV= 99.7% OF	.460 KV		

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3808V	***PRIOR****	.442KV= 89.7% OF	.493KV	231.4	142.4	1.7	.0
3808V	***DURING***	.438KV= 88.8% OF	.493KV	245.5	164.1	1.7	.0
3808V	***AFTER****	.442KV= 89.6% OF	.493KV	236.0	145.2	1.7	.0

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VOLTAGE DROP ANALYSIS CASE #= 1

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
3V1D    ***PRIOR****    100.0     .438KV= 95.3% OF    .460 KV    *  WARNING WARNING  WARNING  *
3V1D    ***DURING***    100.0     .433KV= 94.2% OF    .460 KV    *  WARNING WARNING  WARNING  *
3V1D    ***AFTER****    100.0     .438KV= 95.1% OF    .460 KV    *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
V11     ***PRIOR****     10.0     .439KV= 95.4% OF    .460 KV    *  WARNING WARNING  WARNING  *
V11     ***DURING***     10.0     .434KV= 94.3% OF    .460 KV    *  WARNING WARNING  WARNING  *
V11     ***AFTER****     10.0     .438KV= 95.2% OF    .460 KV    *  WARNING WARNING  WARNING  *

STARTING MOTOR NAME       HP

V29B    ***PRIOR****      .0      .000KV=   .0% OF    .460 KV    * MOTOR NOT STARTED YET *
V29B    ***DURING***     1.0      .436KV= 94.8% OF    .460 KV
V29B    ***AFTER****     1.0      .441KV= 95.8% OF    .460 KV    *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
E16C/17***PRIOR****      34.0     .430KV= 93.5% OF    .460 KV    *  WARNING WARNING  WARNING  *
E16C/17***DURING***      34.0     .425KV= 92.4% OF    .460 KV    *  WARNING WARNING  WARNING  *
E16C/17***AFTER****      34.0     .429KV= 93.3% OF    .460 KV    *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
E16D    ***PRIOR****     36.0     .439KV= 95.4% OF    .460 KV    *  WARNING WARNING  WARNING  *
E16D    ***DURING***     36.0     .434KV= 94.4% OF    .460 KV    *  WARNING WARNING  WARNING  *
E16D    ***AFTER****     36.0     .438KV= 95.3% OF    .460 KV    *  WARNING WARNING  WARNING  *
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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
P42B    ***PRIOR****     3.0      .439KV= 95.4% OF    .460 KV     *  WARNING WARNING  WARNING  *
P42B    ***DURING***     3.0      .434KV= 94.3% OF    .460 KV     *  WARNING WARNING  WARNING  *
P42B    ***AFTER****     3.0      .438KV= 95.2% OF    .460 KV     *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
V77/E23***PRIOR****     36.0      .437KV= 94.9% OF    .460 KV     *  WARNING WARNING  WARNING  *
V77/E23***DURING***     36.0      .432KV= 93.9% OF    .460 KV     *  WARNING WARNING  WARNING  *
V77/E23***AFTER****     36.0      .436KV= 94.8% OF    .460 KV     *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
NS74B   ***PRIOR****    50.5      .434KV= 94.4% OF    .460 KV     *  WARNING WARNING  WARNING  *
NS74B   ***DURING***    50.5      .429KV= 93.4% OF    .460 KV     *  WARNING WARNING  WARNING  *
NS74B   ***AFTER****    50.5      .434KV= 94.3% OF    .460 KV     *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
S77B    ***PRIOR****     3.4      .437KV= 95.1% OF    .460 KV     *  WARNING WARNING  WARNING  *
S77B    ***DURING***     3.4      .432KV= 94.0% OF    .460 KV     *  WARNING WARNING  WARNING  *
S77B    ***AFTER****     3.4      .437KV= 94.9% OF    .460 KV     *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
S78B    ***PRIOR****     3.4      .438KV= 95.2% OF    .460 KV     *  WARNING WARNING  WARNING  *
S78B    ***DURING***     3.4      .433KV= 94.1% OF    .460 KV     *  WARNING WARNING  WARNING  *
S78B    ***AFTER****     3.4      .437KV= 95.0% OF    .460 KV     *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
S75B    ***PRIOR****     5.0      .436KV= 94.9% OF    .460 KV     *  WARNING WARNING  WARNING  *
S75B    ***DURING***     5.0      .432KV= 93.8% OF    .460 KV     *  WARNING WARNING  WARNING  *
S75B    ***AFTER****     5.0      .436KV= 94.7% OF    .460 KV     *  WARNING WARNING  WARNING  *
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STARTING MOTOR NAME	HP				
MOV1404***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *	
MOV1404***DURING***	.3	.435KV= 94.5% OF	.460 KV		
MOV1404***AFTER****	.3	.441KV= 95.8% OF	.460 KV	* WARNING WARNING WARNING *	
STARTING MOTOR NAME	HP				
MOV1417***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *	
MOV1417***DURING***	1.5	.429KV= 93.2% OF	.460 KV		
MOV1417***AFTER****	1.5	.439KV= 95.5% OF	.460 KV	* WARNING WARNING WARNING *	
STARTING MOTOR NAME	HP				
MOV6552***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *	
MOV6552***DURING***	.1	.436KV= 94.8% OF	.460 KV		
MOV6552***AFTER****	.1	.441KV= 95.9% OF	.460 KV	* WARNING WARNING WARNING *	
STARTING MOTOR NAME	HP				
MOV6543***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *	
MOV6543***DURING***	.1	.436KV= 94.8% OF	.460 KV		
MOV6543***AFTER****	.1	.441KV= 95.9% OF	.460 KV	* WARNING WARNING WARNING *	

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B50	***PRIOR****	.445KV= 90.2% OF	.493KV	123.4	60.8	.0	.0
3B50	***DURING***	.440KV= 89.3% OF	.493KV	123.4	60.8	.0	.0
3B50	***AFTER****	.444KV= 90.1% OF	.493KV	123.4	60.8	.0	.0

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP				
3P201C	***PRIOR****	150.0	.436KV= 94.9% OF	.460 KV	* WARNING WARNING WARNING *	
3P201C	***DURING***	150.0	.432KV= 93.9% OF	.460 KV	* WARNING WARNING WARNING *	
3P201C	***AFTER****	150.0	.436KV= 94.7% OF	.460 KV	* WARNING WARNING WARNING *	

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AB2	***PRIOR****	3.939KV= 94.7% OF	4.160KV	5253.2	2988.1	.0	.0
3AB2	***DURING***	3.930KV= 94.5% OF	4.160KV	5253.2	2988.1	.0	.0
3AB2	***AFTER****	3.938KV= 94.7% OF	4.160KV	5253.2	2988.1	.0	.0

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NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B02	***PRIOR****	.461KV= 93.4% OF	.493KV	207.0	113.4	.0	.0
3B02	***DURING***	.455KV= 92.2% OF	.493KV	207.0	113.4	.0	.0
3B02	***AFTER****	.460KV= 93.3% OF	.493KV	207.0	113.4	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B04	***PRIOR****	.453KV= 91.9% OF	.493KV	123.5	77.5	.0	.0
3B04	***DURING***	.449KV= 91.2% OF	.493KV	123.5	77.5	.0	.0
3B04	***AFTER****	.453KV= 91.8% OF	.493KV	123.5	77.5	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B06	***PRIOR****	.458KV= 92.9% OF	.493KV	104.5	64.1	48.2	.1
3B06	***DURING***	.448KV= 90.8% OF	.493KV	231.9	205.8	46.1	.1
3B06	***AFTER****	.457KV=.92.6% OF	.493KV	133.8	81.9	47.9	.1

STARTING MOTOR NAME		HP			
MOV381	***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *
MOV381	***DURING***	.4	.444KV= 96.6% OF	.460 KV	
MOV381	***AFTER****	.4	.456KV= 99.0% OF	.460 KV	

STARTING MOTOR NAME		HP			
MOV626	***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *
MOV626	***DURING***	1.0	.435KV= 94.5% OF	.460 KV	
MOV626	***AFTER****	1.0	.453KV= 98.5% OF	.460 KV	

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STARTING MOTOR NAME	HP			
MOV716B***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *
MOV716B***DURING***	1.3	.442KV= 96.0% OF	.460 KV	
MOV716B***AFTER****	1.3	.454KV= 98.7% OF	.460 KV	
STARTING MOTOR NAME	HP			
MOV730 ***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *
MOV730 ***DURING***	1.3	.441KV= 95.8% OF	.460 KV	
MOV730 ***AFTER****	1.3	.454KV= 98.6% OF	.460 KV	
STARTING MOTOR NAME	HP			
MOV744B***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *
MOV744B***DURING***	10.3	.390KV= 84.7% OF	.460 KV	
MOV744B***AFTER****	10.3	.445KV= 96.6% OF	.460 KV	
STARTING MOTOR NAME	HP			
MOV843B***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *
MOV843B***DURING***	1.6	.426KV= 92.7% OF	.460 KV	
MOV843B***AFTER****	1.6	.452KV= 98.3% OF	.460 KV	
STARTING MOTOR NAME	HP			
MOV880B***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *
MOV880B***DURING***	2.0	.438KV= 95.2% OF	.460 KV	
MOV880B***AFTER****	2.0	.453KV= 98.4% OF	.460 KV	
STARTING MOTOR NAME	HP			
MOV1402***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *
MOV1402***DURING***	.3	.444KV= 96.6% OF	.460 KV	
MOV1402***AFTER****	.3	.456KV= 99.1% OF	.460 KV	

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STARTING MOTOR NAME	HP				
MOV1418***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *	
MOV1418***DURING***	1.5	.434KV= 94.4% OF	.460 KV		
MOV1418***AFTER****	1.5	.453KV= 98.5% OF	.460 KV		
STARTING MOTOR NAME	HP				
MOV1425***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *	
MOV1425***DURING***	.3	.443KV= 96.3% OF	.460 KV		
MOV1425***AFTER****	.3	.455KV= 98.9% OF	.460 KV		
STARTING MOTOR NAME	HP				
MOV1421***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *	
MOV1421***DURING***	5.3	.413KV= 89.7% OF	.460 KV		
MOV1421***AFTER****	5.3	.451KV= 97.9% OF	.460 KV		

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
B08W	***PRIOR****	.446KV= 90.5% OF	.493KV	117.9	72.4	20.8	12.2
B08W	***DURING***	.443KV= 89.8% OF	.493KV	117.9	72.4	20.5	12.0
B08W	***AFTER****	.446KV= 90.4% OF	.493KV	117.9	72.4	20.8	12.2

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B52	***PRIOR****	.453KV= 91.9% OF	.493KV	7.4	4.5	.9	.0
3B52	***DURING***	.448KV= 90.8% OF	.493KV	19.6	61.4	15.6	.0
3B52	***AFTER****	.452KV= 91.7% OF	.493KV	16.1	9.9	16.0	.0

STARTING MOTOR NAME	HP			
3C2B ***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *
3C2B ***DURING***	5.0	.446KV= 97.0% OF	.460 KV	
3C2B ***AFTER****	5.0	.451KV= 98.1% OF	.460 KV	

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VOLTAGE DROP ANALYSIS CASE #= 1

STARTING MOTOR NAME		HP				
3V34B	***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *	
3V34B	***DURING***	5.0	.447KV= 97.3% OF	.460 KV		
3V34B	***AFTER****	5.0	.452KV= 98.3% OF	.460 KV		

STARTING MOTOR NAME		HP				
3P10B	***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *	
3P10B	***DURING***	.8	.447KV= 97.3% OF	.460 KV		
3P10B	***AFTER****	.8	.452KV= 98.3% OF	.460 KV		

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B53	***PRIOR****	.461KV= 93.5% OF	.493KV	14.6	9.0	27.1	.0
3B53	***DURING***	.457KV= 92.7% OF	.493KV	14.6	9.0	26.6	.0
3B53	***AFTER****	.460KV= 93.3% OF	.493KV	14.6	9.0	27.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B54	***PRIOR****	.453KV= 91.9% OF	.493KV	14.6	9.0	24.1	.0
3B54	***DURING***	.449KV= 91.1% OF	.493KV	14.6	9.0	23.7	.0
3B54	***AFTER****	.453KV= 91.8% OF	.493KV	14.6	9.0	24.0	.0

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NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
2BUS113	***PRIOR****	233.860KV=100.4% OF233.000KV	.0	.0	.0	.0
2BUS113	***DURING***	233.441KV=100.2% OF233.000KV	.0	.0	.0	.0
2BUS113	***AFTER****	233.816KV=100.4% OF233.000KV	.0	.0	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AA1	***PRIOR****	4.024KV= 96.7% OF 4.160KV	4110.5	2562.7	.0	.0
3AA1	***DURING***	3.941KV= 94.7% OF 4.160KV	4110.5	2562.7	.0	.0
3AA1	***AFTER****	4.016KV= 96.5% OF 4.160KV	4110.5	2562.7	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AB1	***PRIOR****	3.976KV= 95.6% OF 4.160KV	8222.3	5129.7	.0	.0
3AB1	***DURING***	3.891KV= 93.5% OF 4.160KV	8222.3	5129.7	.0	.0
3AB1	***AFTER****	3.967KV= 95.4% OF 4.160KV	8222.3	5129.7	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AA2	***PRIOR****	3.983KV= 95.7% OF 4.160KV	5253.0	2987.8	.0	.0
3AA2	***DURING***	3.864KV= 92.9% OF 4.160KV	5951.2	6347.4	.0	.0
3AA2	***AFTER****	3.972KV= 95.5% OF 4.160KV	5770.8	3260.8	.0	.0

STARTING MOTOR NAME		HP		
3P210A	***PRIOR****	.0	.000KV= .0% OF 4.000 KV	* MOTOR NOT STARTED YET *
3P210A	***DURING***	300.0	3.848KV= 96.2% OF 4.000 KV	
3P210A	***AFTER****	300.0	3.969KV= 99.2% OF 4.000 KV	

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VOLTAGE DROP ANALYSIS CASE #= 2

STARTING MOTOR NAME		HP				
3P215A	***PRIOR****	.0	.000KV= .0% OF	4.000 KV	* MOTOR NOT STARTED YET *	
3P215A	***DURING***	350.0	3.844KV= 96.1% OF	4.000 KV		
3P215A	***AFTER****	350.0	3.968KV= 99.2% OF	4.000 KV		

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AD	***PRIOR****	3.980KV= 95.7% OF	4.160KV	626.8	409.1	.0	.0
3AD	***DURING***	3.861KV= 92.8% OF	4.160KV	626.8	409.1	.0	.0
3AD	***AFTER****	3.969KV= 95.4% OF	4.160KV	626.8	409.1	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B01	***PRIOR****	.460KV= 93.3% OF	.493KV	247.0	138.7	.0	.0
3B01	***DURING***	.446KV= 90.4% OF	.493KV	247.0	138.7	.0	.0
3B01	***AFTER****	.459KV= 93.1% OF	.493KV	247.0	138.7	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B03	***PRIOR****	.466KV= 94.5% OF	.493KV	82.6	51.3	210.7	1.5
3B03	***DURING***	.451KV= 91.6% OF	.493KV	82.6	51.3	198.0	1.4
3B03	***AFTER****	.464KV= 94.2% OF	.493KV	82.6	51.3	209.5	1.5

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B05V	***PRIOR****	.460KV= 93.2% OF	.493KV	100.2	62.0	29.1	.0
3B05V	***DURING***	.445KV= 90.3% OF	.493KV	100.2	62.0	27.2	.0
3B05V	***AFTER****	.458KV= 92.9% OF	.493KV	100.2	62.0	28.9	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B05N	***PRIOR****	.458KV= 92.9% OF	.493KV	215.5	135.0	13.6	.0
3B05N	***DURING***	.443KV= 89.9% OF	.493KV	215.5	135.0	12.8	.0
3B05N	***AFTER****	.457KV= 92.6% OF	.493KV	215.5	135.0	13.6	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B07	***PRIOR****	.459KV= 93.2% OF	.493KV	175.2	108.2	64.5	.3
3B07	***DURING***	.445KV= 90.2% OF	.493KV	175.2	108.2	60.5	.3
3B07	***AFTER****	.458KV= 92.9% OF	.493KV	175.2	108.2	64.1	.3

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NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3808V	***PRIOR****	.442KV= 89.6% OF	.493KV		236.0	145.2	1.7	.0
3808V	***DURING***	.426KV= 86.5% OF	.493KV		236.0	145.2	1.6	.0
3808V	***AFTER****	.440KV= 89.3% OF	.493KV		236.0	145.2	1.7	.0

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3V1D	***PRIOR****	100.0	.438KV= 95.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V1D	***DURING***	100.0	.422KV= 91.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V1D	***AFTER****	100.0	.436KV= 94.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
V11	***PRIOR****	10.0	.438KV= 95.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*
V11	***DURING***	10.0	.423KV= 91.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*
V11	***AFTER****	10.0	.436KV= 94.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
V29B	***PRIOR****	1.0	.441KV= 95.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*
V29B	***DURING***	1.0	.425KV= 92.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*
V29B	***AFTER****	1.0	.439KV= 95.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
E16C/17	***PRIOR****	34.0	.429KV= 93.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*
E16C/17	***DURING***	34.0	.414KV= 90.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*
E16C/17	***AFTER****	34.0	.428KV= 93.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*

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VOLTAGE DROP ANALYSIS CASE #= 2

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
E16D	***PRIOR****	36.0	.438KV=	95.3% OF	.460 KV	*	WARNING	WARNING	WARNING *
E16D	***DURING***	36.0	.423KV=	91.9% OF	.460 KV	*	WARNING	WARNING	WARNING *
E16D	***AFTER****	36.0	.437KV=	94.9% OF	.460 KV	*	WARNING	WARNING	WARNING *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
P42B	***PRIOR****	3.0	.438KV=	95.2% OF	.460 KV	*	WARNING	WARNING	WARNING *
P42B	***DURING***	3.0	.423KV=	91.9% OF	.460 KV	*	WARNING	WARNING	WARNING *
P42B	***AFTER****	3.0	.436KV=	94.9% OF	.460 KV	*	WARNING	WARNING	WARNING *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
V77/E23	***PRIOR****	36.0	.436KV=	94.8% OF	.460 KV	*	WARNING	WARNING	WARNING *
V77/E23	***DURING***	36.0	.421KV=	91.4% OF	.460 KV	*	WARNING	WARNING	WARNING *
V77/E23	***AFTER****	36.0	.435KV=	94.5% OF	.460 KV	*	WARNING	WARNING	WARNING *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
NS74B	***PRIOR****	50.5	.434KV=	94.3% OF	.460 KV	*	WARNING	WARNING	WARNING *
NS74B	***DURING***	50.5	.418KV=	90.9% OF	.460 KV	*	WARNING	WARNING	WARNING *
NS74B	***AFTER****	50.5	.432KV=	93.9% OF	.460 KV	*	WARNING	WARNING	WARNING *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
S77B	***PRIOR****	3.4	.437KV=	94.9% OF	.460 KV	*	WARNING	WARNING	WARNING *
S77B	***DURING***	3.4	.421KV=	91.6% OF	.460 KV	*	WARNING	WARNING	WARNING *
S77B	***AFTER****	3.4	.435KV=	94.6% OF	.460 KV	*	WARNING	WARNING	WARNING *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
S78B	***PRIOR****	3.4	.437KV=	95.0% OF	.460 KV	*	WARNING	WARNING	WARNING *
S78B	***DURING***	3.4	.422KV=	91.7% OF	.460 KV	*	WARNING	WARNING	WARNING *
S78B	***AFTER****	3.4	.436KV=	94.7% OF	.460 KV	*	WARNING	WARNING	WARNING *

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VOLTAGE DROP ANALYSIS CASE #= 2

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
S75B	***PRIOR****	5.0	.436KV= 94.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S75B	***DURING***	5.0	.420KV= 91.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S75B	***AFTER****	5.0	.434KV= 94.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
MOV1404	***PRIOR****	.3	.441KV= 95.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*
MOV1404	***DURING***	.3	.425KV= 92.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*
MOV1404	***AFTER****	.3	.439KV= 95.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
MOV1417	***PRIOR****	1.5	.439KV= 95.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*
MOV1417	***DURING***	1.5	.424KV= 92.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*
MOV1417	***AFTER****	1.5	.438KV= 95.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
MOV6552	***PRIOR****	.1	.441KV= 95.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*
MOV6552	***DURING***	.1	.426KV= 92.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*
MOV6552	***AFTER****	.1	.440KV= 95.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
MOV6543	***PRIOR****	.1	.441KV= 95.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*
MOV6543	***DURING***	.1	.426KV= 92.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*
MOV6543	***AFTER****	.1	.440KV= 95.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B50	***PRIOR****	.444KV= 90.1% OF	.493KV	123.4	60.8	.0	.0
3B50	***DURING***	.429KV= 87.0% OF	.493KV	123.4	60.8	.0	.0
3B50	***AFTER****	.443KV= 89.8% OF	.493KV	123.4	60.8	.0	.0

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VOLTAGE DROP ANALYSIS CASE #= 2

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP				
3P201C	***PRIOR****	150.0	.436KV= 94.7% OF	.460 KV	*	WARNING WARNING WARNING *
3P201C	***DURING***	150.0	.420KV= 91.4% OF	.460 KV	*	WARNING WARNING WARNING *
3P201C	***AFTER****	150.0	.434KV= 94.4% OF	.460 KV	*	WARNING WARNING WARNING *

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AB2	***PRIOR****	3.938KV= 94.7% OF	4.160KV	5253.2	2988.1	.0	.0
3AB2	***DURING***	3.817KV= 91.8% OF	4.160KV	5934.2	6268.2	.0	.0
3AB2	***AFTER****	3.927KV= 94.4% OF	4.160KV	5770.9	3261.1	.0	.0

STARTING MOTOR NAME		HP			
3P210B	***PRIOR****	.0	.000KV= .0% OF	4.000 KV	* MOTOR NOT STARTED YET *
3P210B	***DURING***	300.0	3.803KV= 95.1% OF	4.000 KV	
3P210B	***AFTER****	300.0	3.923KV= 98.1% OF	4.000 KV	

STARTING MOTOR NAME		HP			
3P215B	***PRIOR****	.0	.000KV= .0% OF	4.000 KV	* MOTOR NOT STARTED YET *
3P215B	***DURING***	350.0	3.798KV= 95.0% OF	4.000 KV	
3P215B	***AFTER****	350.0	3.923KV= 98.1% OF	4.000 KV	

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B02	***PRIOR****	.460KV= 93.3% OF	.493KV	207.0	113.4	.0	.0
3B02	***DURING***	.445KV= 90.3% OF	.493KV	207.0	113.4	.0	.0
3B02	***AFTER****	.458KV= 93.0% OF	.493KV	207.0	113.4	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B04	***PRIOR****	.453KV= 91.8% OF	.493KV	123.5	77.5	.0	.0
3B04	***DURING***	.438KV= 88.8% OF	.493KV	123.5	77.5	.0	.0
3B04	***AFTER****	.451KV= 91.5% OF	.493KV	123.5	77.5	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B06	***PRIOR****	.457KV= 92.6% OF	.493KV	133.8	81.9	47.9	.1
3B06	***DURING***	.442KV= 89.6% OF	.493KV	133.8	81.9	44.9	.1
3B06	***AFTER****	.455KV= 92.3% OF	.493KV	133.8	81.9	47.6	.1

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NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
B08N	***PRIOR****	.446KV=	90.4% OF	.493KV	117.9	72.4	20.8	12.2
B08N	***DURING***	.431KV=	87.4% OF	.493KV	117.9	72.4	19.4	11.4
B08N	***AFTER****	.444KV=	90.1% OF	.493KV	117.9	72.4	20.7	12.1

NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B52	***PRIOR****	.452KV=	91.7% OF	.493KV	16.1	9.9	16.0	.0
3B52	***DURING***	.437KV=	88.7% OF	.493KV	16.1	9.9	14.9	.0
3B52	***AFTER****	.451KV=	91.4% OF	.493KV	16.1	9.9	15.9	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B53	***PRIOR****	.460KV=	93.3% OF	.493KV	14.6	9.0	27.0	.0
3B53	***DURING***	.446KV=	90.4% OF	.493KV	14.6	9.0	25.4	.0
3B53	***AFTER****	.459KV=	93.1% OF	.493KV	14.6	9.0	26.9	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B54	***PRIOR****	.453KV=	91.8% OF	.493KV	14.6	9.0	24.0	.0
3B54	***DURING***	.438KV=	88.8% OF	.493KV	14.6	9.0	22.5	.0
3B54	***AFTER****	.451KV=	91.5% OF	.493KV	14.6	9.0	23.9	.0

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NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
2BUS113	***PRIOR****	233.816KV=100.4% OF233.000KV	.0	.0	.0	.0
2BUS113	***DURING***	233.652KV=100.3% OF233.000KV	.0	.0	.0	.0
2BUS113	***AFTER****	233.794KV=100.3% OF233.000KV	.0	.0	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AA1	***PRIOR****	4.016KV= 96.5% OF 4.160KV	4110.5	2562.7	.0	.0
3AA1	***DURING***	3.983KV= 95.8% OF 4.160KV	4110.5	2562.7	.0	.0
3AA1	***AFTER****	4.012KV= 96.4% OF 4.160KV	4110.5	2562.7	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AB1	***PRIOR****	3.967KV= 95.4% OF 4.160KV	8222.3	5129.7	.0	.0
3AB1	***DURING***	3.934KV= 94.6% OF 4.160KV	8222.3	5129.7	.0	.0
3AB1	***AFTER****	3.963KV= 95.3% OF 4.160KV	8222.3	5129.7	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AA2	***PRIOR****	3.972KV= 95.5% OF 4.160KV	5770.8	3260.8	.0	.0
3AA2	***DURING***	3.925KV= 94.4% OF 4.160KV	5770.8	3260.8	.0	.0
3AA2	***AFTER****	3.966KV= 95.3% OF 4.160KV	5770.8	3260.8	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AD	***PRIOR****	3.969KV= 95.4% OF 4.160KV	626.8	409.1	.0	.0
3AD	***DURING***	3.922KV= 94.3% OF 4.160KV	626.8	409.1	.0	.0
3AD	***AFTER****	3.964KV= 95.3% OF 4.160KV	626.8	409.1	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B01	***PRIOR****	.459KV= 93.1% OF .493KV	247.0	138.7	.0	.0
3B01	***DURING***	.418KV= 84.9% OF .493KV	435.7	1198.3	.0	.0
3B01	***AFTER****	.454KV= 92.2% OF .493KV	446.9	238.3	.0	.0

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STARTING MOTOR NAME		HP				
3P214A	***PRIOR****	.0	.000KV= .0% OF	.460 KV		* MOTOR NOT STARTED YET *
3P214A	***DURING***	250.0	.378KV= 82.1% OF	.460 KV		
3P214A	***AFTER****	250.0	.448KV= 97.5% OF	.460 KV		

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B03	***PRIOR****	.464KV= 94.2% OF	.493KV	82.6	51.3	209.5	1.5
3B03	***DURING***	.455KV= 92.3% OF	.493KV	82.6	51.3	201.3	1.5
3B03	***AFTER****	.463KV= 93.9% OF	.493KV	82.6	51.3	208.5	1.5

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B05V	***PRIOR****	.458KV= 92.9% OF	.493KV	100.2	62.0	28.9	.0
3B05V	***DURING***	.418KV= 84.7% OF	.493KV	100.2	62.0	24.0	.0
3B05V	***AFTER****	.454KV= 92.1% OF	.493KV	100.2	62.0	28.3	.0

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

	HP				
MOV1420***PRIOR****	5.2	.446KV= 96.9% OF	.460 KV	*	WARNING WARNING WARNING *
MOV1420***DURING***	5.2	.404KV= 87.8% OF	.460 KV	*	WARNING WARNING WARNING *
MOV1420***AFTER****	5.2	.441KV= 95.9% OF	.460 KV	*	WARNING WARNING WARNING *

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B05N	***PRIOR****	.457KV= 92.6% OF	.493KV	215.5	135.0	13.6	.0
3B05N	***DURING***	.416KV= 84.3% OF	.493KV	215.5	135.0	11.3	.0
3B05N	***AFTER****	.452KV= 91.7% OF	.493KV	215.5	135.0	13.3	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B07	***PRIOR****	.458KV= 92.9% OF	.493KV	175.2	108.2	64.1	.3
3B07	***DURING***	.444KV= 90.1% OF	.493KV	246.2	216.3	60.4	.3
3B07	***AFTER****	.456KV= 92.5% OF	.493KV	200.5	123.3	63.6	.3

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VOLTAGE DROP ANALYSIS CASE #= 3

STARTING MOTOR NAME		HP				
3V30C	***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *	
3V30C	***DURING***	30.0	.399KV= 86.8% OF	.460 KV		
3V30C	***AFTER****	30.0	.441KV= 95.9% OF	.460 KV	* WARNING WARNING WARNING *	

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3808V	***PRIOR****	.440KV= 89.3% OF	.493KV	236.0	145.2	1.7	.0
3808V	***DURING***	.399KV= 80.9% OF	.493KV	236.0	145.2	1.4	.0
3808V	***AFTER****	.436KV= 88.4% OF	.493KV	236.0	145.2	1.6	.0

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP			
3V1D	***PRIOR****	100.0	.436KV= 94.8% OF	.460 KV	* WARNING WARNING WARNING *
3V1D	***DURING***	100.0	.394KV= 85.7% OF	.460 KV	* WARNING WARNING WARNING *
3V1D	***AFTER****	100.0	.431KV= 93.8% OF	.460 KV	* WARNING WARNING WARNING *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP			
V11	***PRIOR****	10.0	.436KV= 94.9% OF	.460 KV	* WARNING WARNING WARNING *
V11	***DURING***	10.0	.395KV= 85.8% OF	.460 KV	* WARNING WARNING WARNING *
V11	***AFTER****	10.0	.432KV= 93.9% OF	.460 KV	* WARNING WARNING WARNING *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP			
V29B	***PRIOR****	1.0	.439KV= 95.5% OF	.460 KV	* WARNING WARNING WARNING *
V29B	***DURING***	1.0	.398KV= 86.5% OF	.460 KV	* WARNING WARNING WARNING *
V29B	***AFTER****	1.0	.435KV= 94.5% OF	.460 KV	* WARNING WARNING WARNING *

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VOLTAGE DROP ANALYSIS CASE #= 3

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
E16C/17***PRIOR****      34.0      .428KV= 93.0% OF    .460 KV      *  WARNING WARNING  WARNING  *
E16C/17***DURING***      34.0      .385KV= 83.8% OF    .460 KV      *  WARNING WARNING  WARNING  *
E16C/17***AFTER****      34.0      .423KV= 92.0% OF    .460 KV      *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
E16D   ***PRIOR****      36.0      .437KV= 94.9% OF    .460 KV      *  WARNING WARNING  WARNING  *
E16D   ***DURING***      36.0      .395KV= 85.9% OF    .460 KV      *  WARNING WARNING  WARNING  *
E16D   ***AFTER****      36.0      .432KV= 93.9% OF    .460 KV      *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
P42B   ***PRIOR****       3.0      .436KV= 94.9% OF    .460 KV      *  WARNING WARNING  WARNING  *
P42B   ***DURING***       3.0      .395KV= 85.8% OF    .460 KV      *  WARNING WARNING  WARNING  *
P42B   ***AFTER****       3.0      .432KV= 93.9% OF    .460 KV      *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
V77/E23***PRIOR****      36.0      .435KV= 94.5% OF    .460 KV      *  WARNING WARNING  WARNING  *
V77/E23***DURING***      36.0      .393KV= 85.3% OF    .460 KV      *  WARNING WARNING  WARNING  *
V77/E23***AFTER****      36.0      .430KV= 93.5% OF    .460 KV      *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
NS74B  ***PRIOR****      50.5      .432KV= 93.9% OF    .460 KV      *  WARNING WARNING  WARNING  *
NS74B  ***DURING***      50.5      .390KV= 84.8% OF    .460 KV      *  WARNING WARNING  WARNING  *
NS74B  ***AFTER****      50.5      .427KV= 92.9% OF    .460 KV      *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
S77B   ***PRIOR****       3.4      .435KV= 94.6% OF    .460 KV      *  WARNING WARNING  WARNING  *
S77B   ***DURING***       3.4      .393KV= 85.5% OF    .460 KV      *  WARNING WARNING  WARNING  *
S77B   ***AFTER****       3.4      .431KV= 93.6% OF    .460 KV      *  WARNING WARNING  WARNING  *
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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
S788   ***PRIOR****      3.4      .436KV= 94.7% OF    .460 KV      *  WARNING WARNING  WARNING  *
S788   ***DURING***      3.4      .394KV= 85.6% OF    .460 KV      *  WARNING WARNING  WARNING  *
S788   ***AFTER****      3.4      .431KV= 93.7% OF    .460 KV      *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
S75B   ***PRIOR****      5.0      .434KV= 94.4% OF    .460 KV      *  WARNING WARNING  WARNING  *
S75B   ***DURING***      5.0      .392KV= 85.3% OF    .460 KV      *  WARNING WARNING  WARNING  *
S75B   ***AFTER****      5.0      .430KV= 93.4% OF    .460 KV      *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
MOV1404***PRIOR****       .3      .439KV= 95.4% OF    .460 KV      *  WARNING WARNING  WARNING  *
MOV1404***DURING***       .3      .398KV= 86.4% OF    .460 KV      *  WARNING WARNING  WARNING  *
MOV1404***AFTER****       .3      .435KV= 94.5% OF    .460 KV      *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
MOV1417***PRIOR****      1.5      .438KV= 95.2% OF    .460 KV      *  WARNING WARNING  WARNING  *
MOV1417***DURING***      1.5      .396KV= 86.1% OF    .460 KV      *  WARNING WARNING  WARNING  *
MOV1417***AFTER****      1.5      .433KV= 94.2% OF    .460 KV      *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
MOV6552***PRIOR****       .1      .440KV= 95.6% OF    .460 KV      *  WARNING WARNING  WARNING  *
MOV6552***DURING***       .1      .398KV= 86.6% OF    .460 KV      *  WARNING WARNING  WARNING  *
MOV6552***AFTER****       .1      .435KV= 94.6% OF    .460 KV      *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
MOV6543***PRIOR****       .1      .440KV= 95.6% OF    .460 KV      *  WARNING WARNING  WARNING  *
MOV6543***DURING***       .1      .398KV= 86.6% OF    .460 KV      *  WARNING WARNING  WARNING  *
MOV6543***AFTER****       .1      .435KV= 94.6% OF    .460 KV      *  WARNING WARNING  WARNING  *
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NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B50	***PRIOR****	.443KV= 89.8% OF	.493KV	123.4	60.8	.0	.0
3B50	***DURING***	.402KV= 81.5% OF	.493KV	123.4	60.8	.0	.0
3B50	***AFTER****	.438KV= 88.9% OF	.493KV	123.4	60.8	.0	.0

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3P201C	***PRIOR****	150.0	.434KV= 94.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P201C	***DURING***	150.0	.392KV= 85.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P201C	***AFTER****	150.0	.430KV= 93.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AB2	***PRIOR****	3.927KV= 94.4% OF	4.160KV	5770.9	3261.1	.0	.0
3AB2	***DURING***	3.880KV= 93.3% OF	4.160KV	5770.9	3261.1	.0	.0
3AB2	***AFTER****	3.921KV= 94.3% OF	4.160KV	5770.9	3261.1	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B02	***PRIOR****	.458KV= 93.0% OF	.493KV	207.0	113.4	.0	.0
3B02	***DURING***	.449KV= 91.1% OF	.493KV	207.0	113.4	.0	.0
3B02	***AFTER****	.457KV= 92.7% OF	.493KV	207.0	113.4	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B04	***PRIOR****	.451KV= 91.5% OF	.493KV	123.5	77.5	.0	.0
3B04	***DURING***	.411KV= 83.4% OF	.493KV	304.5	1071.3	.0	.0
3B04	***AFTER****	.447KV= 90.6% OF	.493KV	323.7	171.8	.0	.0

STARTING MOTOR NAME		HP							
3P214B	***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *				
3P214B	***DURING***	250.0	.365KV= 79.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P214B	***AFTER****	250.0	.440KV= 95.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*

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VOLTAGE DROP ANALYSIS CASE #= 3

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3S7B	***PRIOR****	150.0	.443KV= 96.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3S7B	***DURING***	150.0	.401KV= 87.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3S7B	***AFTER****	150.0	.438KV= 95.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B06	***PRIOR****	.455KV= 92.3% OF	.493KV	133.8	81.9	47.6	.1
3B06	***DURING***	.443KV= 89.8% OF	.493KV	202.1	194.7	45.1	.1
3B06	***AFTER****	.453KV= 92.0% OF	.493KV	158.8	97.1	47.3	.1

STARTING MOTOR NAME		HP			
3V30A	***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *
3V30A	***DURING***	30.0	.409KV= 88.9% OF	.460 KV	
3V30A	***AFTER****	30.0	.442KV= 96.2% OF	.460 KV	

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
MOV744B	***PRIOR****	10.3	.443KV= 96.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*
MOV744B	***DURING***	10.3	.430KV= 93.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*
MOV744B	***AFTER****	10.3	.441KV= 95.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
B08W	***PRIOR****	.444KV= 90.1% OF	.493KV	117.9	72.4	20.7	12.1
B08W	***DURING***	.404KV= 81.9% OF	.493KV	117.9	72.4	17.0	10.0
B08W	***AFTER****	.440KV= 89.2% OF	.493KV	117.9	72.4	20.2	11.9

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B52	***PRIOR****	.451KV= 91.4% OF	.493KV	16.1	9.9	15.9	.0
3B52	***DURING***	.411KV= 83.3% OF	.493KV	16.1	9.9	13.2	.0
3B52	***AFTER****	.446KV= 90.5% OF	.493KV	16.1	9.9	15.5	.0

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP						
3S230	***PRIOR****	7.0	.446KV= 96.9% OF	.460 KV	*	WARNING	WARNING	WARNING *
3S230	***DURING***	7.0	.405KV= 88.0% OF	.460 KV	*	WARNING	WARNING	WARNING *
3S230	***AFTER****	7.0	.441KV= 95.9% OF	.460 KV	*	WARNING	WARNING	WARNING *

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B53	***PRIOR****	.459KV= 93.1% OF	.493KV	14.6	9.0	26.9	.0
3B53	***DURING***	.418KV= 84.9% OF	.493KV	14.6	9.0	22.3	.0
3B53	***AFTER****	.455KV= 92.2% OF	.493KV	14.6	9.0	26.4	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B54	***PRIOR****	.451KV= 91.5% OF	.493KV	14.6	9.0	23.9	.0
3B54	***DURING***	.411KV= 83.3% OF	.493KV	14.6	9.0	19.8	.0
3B54	***AFTER****	.447KV= 90.6% OF	.493KV	14.6	9.0	23.4	.0

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NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
2BUS113	***PRIOR****	233.794KV=100.3% OF233.000KV	.0	.0	.0	.0
2BUS113	***DURING***	233.786KV=100.3% OF233.000KV	.0	.0	.0	.0
2BUS113	***AFTER****	233.793KV=100.3% OF233.000KV	.0	.0	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AA1	***PRIOR****	4.012KV= 96.4% OF 4.160KV	4110.5	2562.7	.0	.0
3AA1	***DURING***	4.011KV= 96.4% OF 4.160KV	4110.5	2562.7	.0	.0
3AA1	***AFTER****	4.012KV= 96.4% OF 4.160KV	4110.5	2562.7	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AB1	***PRIOR****	3.963KV= 95.3% OF 4.160KV	8222.3	5129.7	.0	.0
3AB1	***DURING***	3.960KV= 95.2% OF 4.160KV	8222.3	5129.7	.0	.0
3AB1	***AFTER****	3.962KV= 95.3% OF 4.160KV	8222.3	5129.7	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AA2	***PRIOR****	3.966KV= 95.3% OF 4.160KV	5770.8	3260.8	.0	.0
3AA2	***DURING***	3.966KV= 95.3% OF 4.160KV	5770.8	3260.8	.0	.0
3AA2	***AFTER****	3.966KV= 95.3% OF 4.160KV	5770.8	3260.8	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AD	***PRIOR****	3.964KV= 95.3% OF 4.160KV	626.8	409.1	.0	.0
3AD	***DURING***	3.963KV= 95.3% OF 4.160KV	626.8	409.1	.0	.0
3AD	***AFTER****	3.964KV= 95.3% OF 4.160KV	626.8	409.1	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B01	***PRIOR****	.454KV= 92.2% OF .493KV	446.9	238.3	.0	.0
3B01	***DURING***	.454KV= 92.2% OF .493KV	446.9	238.3	.0	.0
3B01	***AFTER****	.454KV= 92.2% OF .493KV	446.9	238.3	.0	.0

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NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B03	***PRIOR****	.463KV= 93.9%	OF	.493KV	82.6	51.3	208.5	1.5
3B03	***DURING***	.463KV= 93.9%	OF	.493KV	82.6	51.3	208.4	1.5
3B03	***AFTER****	.463KV= 93.9%	OF	.493KV	82.6	51.3	208.4	1.5

NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B05V	***PRIOR****	.454KV= 92.1%	OF	.493KV	100.2	62.0	28.3	.0
3B05V	***DURING***	.454KV= 92.0%	OF	.493KV	100.2	62.0	28.3	.0
3B05V	***AFTER****	.454KV= 92.1%	OF	.493KV	100.2	62.0	28.3	.0

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

	HP							
MOV1420***PRIOR****	5.2	.441KV= 95.9%	OF	.460 KV	*	WARNING	WARNING	WARNING *
MOV1420***DURING***	5.2	.441KV= 95.9%	OF	.460 KV	*	WARNING	WARNING	WARNING *
MOV1420***AFTER****	5.2	.441KV= 95.9%	OF	.460 KV	*	WARNING	WARNING	WARNING *

NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B05N	***PRIOR****	.452KV= 91.7%	OF	.493KV	215.5	135.0	13.3	.0
3B05N	***DURING***	.452KV= 91.7%	OF	.493KV	215.5	135.0	13.3	.0
3B05N	***AFTER****	.452KV= 91.7%	OF	.493KV	215.5	135.0	13.3	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B07	***PRIOR****	.456KV= 92.5%	OF	.493KV	200.5	123.3	63.6	.3
3B07	***DURING***	.456KV= 92.5%	OF	.493KV	200.5	123.3	63.5	.3
3B07	***AFTER****	.456KV= 92.5%	OF	.493KV	200.5	123.3	63.6	.3

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VOLTAGE DROP ANALYSIS CASE #= 4

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
3V30C  ***PRIOR****      30.0     .441KV= 95.9% OF    .460 KV     *  WARNING WARNING  WARNING  *
3V30C  ***DURING***      30.0     .441KV= 95.9% OF    .460 KV     *  WARNING WARNING  WARNING  *
3V30C  ***AFTER****      30.0     .441KV= 95.9% OF    .460 KV     *  WARNING WARNING  WARNING  *
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NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B08V	***PRIOR****	.436KV= 88.4% OF	.493KV	236.0	145.2	1.6	.0
3B08V	***DURING***	.427KV= 86.6% OF	.493KV	301.2	245.9	1.6	.0
3B08V	***AFTER****	.434KV= 88.0% OF	.493KV	261.3	160.4	1.6	.0

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
3V1D   ***PRIOR****     100.0     .431KV= 93.8% OF    .460 KV     *  WARNING WARNING  WARNING  *
3V1D   ***DURING***     100.0     .423KV= 91.9% OF    .460 KV     *  WARNING WARNING  WARNING  *
3V1D   ***AFTER****     100.0     .430KV= 93.4% OF    .460 KV     *  WARNING WARNING  WARNING  *

STARTING MOTOR NAME       HP

3V30B  ***PRIOR****       .0      .000KV=   .0% OF    .460 KV     * MOTOR NOT STARTED YET *
3V30B  ***DURING***      30.0     .386KV= 83.8% OF    .460 KV
3V30B  ***AFTER****      30.0     .419KV= 91.2% OF    .460 KV     *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
V11    ***PRIOR****      10.0     .432KV= 93.9% OF    .460 KV     *  WARNING WARNING  WARNING  *
V11    ***DURING***      10.0     .423KV= 91.9% OF    .460 KV     *  WARNING WARNING  WARNING  *
V11    ***AFTER****      10.0     .430KV= 93.5% OF    .460 KV     *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
V29B   ***PRIOR****       1.0     .435KV= 94.5% OF    .460 KV     *  WARNING WARNING  WARNING  *
V29B   ***DURING***       1.0     .426KV= 92.6% OF    .460 KV     *  WARNING WARNING  WARNING  *
V29B   ***AFTER****       1.0     .433KV= 94.1% OF    .460 KV     *  WARNING WARNING  WARNING  *
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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
E16C/17***PRIOR****      34.0      .423KV= 92.0% OF    .460 KV      *  WARNING WARNING  WARNING  *
E16C/17***DURING***      34.0      .414KV= 90.0% OF    .460 KV      *  WARNING WARNING  WARNING  *
E16C/17***AFTER****      34.0      .422KV= 91.6% OF    .460 KV      *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
E16D     ***PRIOR****    36.0      .432KV= 93.9% OF    .460 KV      *  WARNING WARNING  WARNING  *
E16D     ***DURING***    36.0      .423KV= 92.0% OF    .460 KV      *  WARNING WARNING  WARNING  *
E16D     ***AFTER****    36.0      .430KV= 93.6% OF    .460 KV      *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
P42B     ***PRIOR****     3.0      .432KV= 93.9% OF    .460 KV      *  WARNING WARNING  WARNING  *
P42B     ***DURING***     3.0      .423KV= 92.0% OF    .460 KV      *  WARNING WARNING  WARNING  *
P42B     ***AFTER****     3.0      .430KV= 93.5% OF    .460 KV      *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
V77/E23***PRIOR****      36.0      .430KV= 93.5% OF    .460 KV      *  WARNING WARNING  WARNING  *
V77/E23***DURING***      36.0      .421KV= 91.5% OF    .460 KV      *  WARNING WARNING  WARNING  *
V77/E23***AFTER****      36.0      .428KV= 93.1% OF    .460 KV      *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
NS74B    ***PRIOR****    50.5      .427KV= 92.9% OF    .460 KV      *  WARNING WARNING  WARNING  *
NS74B    ***DURING***    50.5      .418KV= 91.0% OF    .460 KV      *  WARNING WARNING  WARNING  *
NS74B    ***AFTER****    50.5      .426KV= 92.6% OF    .460 KV      *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
S77B     ***PRIOR****     3.4      .431KV= 93.6% OF    .460 KV      *  WARNING WARNING  WARNING  *
S77B     ***DURING***     3.4      .422KV= 91.6% OF    .460 KV      *  WARNING WARNING  WARNING  *
S77B     ***AFTER****     3.4      .429KV= 93.2% OF    .460 KV      *  WARNING WARNING  WARNING  *
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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP								
S788	***PRIOR****	3.4	.431KV= 93.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S788	***DURING***	3.4	.422KV= 91.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S788	***AFTER****	3.4	.429KV= 93.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP								
S75B	***PRIOR****	5.0	.430KV= 93.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S75B	***DURING***	5.0	.421KV= 91.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S75B	***AFTER****	5.0	.428KV= 93.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP								
MOV1404	***PRIOR****	.3	.435KV= 94.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*
MOV1404	***DURING***	.3	.426KV= 92.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*
MOV1404	***AFTER****	.3	.433KV= 94.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP								
MOV1417	***PRIOR****	1.5	.433KV= 94.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*
MOV1417	***DURING***	1.5	.424KV= 92.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*
MOV1417	***AFTER****	1.5	.432KV= 93.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP								
MOV6552	***PRIOR****	.1	.435KV= 94.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*
MOV6552	***DURING***	.1	.426KV= 92.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*
MOV6552	***AFTER****	.1	.434KV= 94.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP								
MOV6543	***PRIOR****	.1	.435KV= 94.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*
MOV6543	***DURING***	.1	.427KV= 92.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*
MOV6543	***AFTER****	.1	.434KV= 94.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B50	***PRIOR****	.438KV= 88.9% OF	.493KV	123.4	60.8	.0	.0
3B50	***DURING***	.431KV= 87.3% OF	.493KV	123.4	60.8	.0	.0
3B50	***AFTER****	.437KV= 88.6% OF	.493KV	123.4	60.8	.0	.0

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3P201C	***PRIOR****	150.0	.430KV= 93.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P201C	***DURING***	150.0	.422KV= 91.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P201C	***AFTER****	150.0	.428KV= 93.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AB2	***PRIOR****	3.921KV= 94.3% OF	4.160KV	5770.9	3261.1	.0	.0
3AB2	***DURING***	3.917KV= 94.1% OF	4.160KV	5770.9	3261.1	.0	.0
3AB2	***AFTER****	3.920KV= 94.2% OF	4.160KV	5770.9	3261.1	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B02	***PRIOR****	.457KV= 92.7% OF	.493KV	207.0	113.4	.0	.0
3B02	***DURING***	.457KV= 92.6% OF	.493KV	207.0	113.4	.0	.0
3B02	***AFTER****	.457KV= 92.7% OF	.493KV	207.0	113.4	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B04	***PRIOR****	.447KV= 90.6% OF	.493KV	323.7	171.8	.0	.0
3B04	***DURING***	.442KV= 89.7% OF	.493KV	323.7	171.8	.0	.0
3B04	***AFTER****	.446KV= 90.5% OF	.493KV	323.7	171.8	.0	.0

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3P214B	***PRIOR****	250.0	.440KV= 95.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P214B	***DURING***	250.0	.435KV= 94.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P214B	***AFTER****	250.0	.439KV= 95.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*

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VOLTAGE DROP ANALYSIS CASE #= 4

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP						
3S7B	***PRIOR****	150.0	.438KV= 95.2% OF	.460 KV	*	WARNING	WARNING	WARNING *
3S7B	***DURING***	150.0	.434KV= 94.2% OF	.460 KV	*	WARNING	WARNING	WARNING *
3S7B	***AFTER****	150.0	.437KV= 95.0% OF	.460 KV	*	WARNING	WARNING	WARNING *

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B06	***PRIOR****	.453KV= 92.0% OF	.493KV	158.8	97.1	47.3	.1
3B06	***DURING***	.453KV= 91.8% OF	.493KV	158.8	97.1	47.1	.1
3B06	***AFTER****	.453KV= 91.9% OF	.493KV	158.8	97.1	47.2	.1

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP						
MOV744B	***PRIOR****	10.3	.441KV= 95.9% OF	.460 KV	*	WARNING	WARNING	WARNING *
MOV744B	***DURING***	10.3	.441KV= 95.8% OF	.460 KV	*	WARNING	WARNING	WARNING *
MOV744B	***AFTER****	10.3	.441KV= 95.9% OF	.460 KV	*	WARNING	WARNING	WARNING *

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
B08N	***PRIOR****	.440KV= 89.2% OF	.493KV	117.9	72.4	20.2	11.9
B08N	***DURING***	.436KV= 88.4% OF	.493KV	117.9	72.4	19.8	11.6
B08N	***AFTER****	.439KV= 89.1% OF	.493KV	117.9	72.4	20.2	11.8

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B52	***PRIOR****	.446KV= 90.5% OF	.493KV	16.1	9.9	15.5	.0
3B52	***DURING***	.442KV= 89.7% OF	.493KV	16.1	9.9	15.2	.0
3B52	***AFTER****	.446KV= 90.4% OF	.493KV	16.1	9.9	15.5	.0

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP						
3S230	***PRIOR****	7.0	.441KV= 95.9% OF	.460 KV	*	WARNING	WARNING	WARNING *
3S230	***DURING***	7.0	.437KV= 94.9% OF	.460 KV	*	WARNING	WARNING	WARNING *
3S230	***AFTER****	7.0	.440KV= 95.7% OF	.460 KV	*	WARNING	WARNING	WARNING *

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B53	***PRIOR****	.455KV= 92.2% OF	.493KV	14.6	9.0	26.4	.0
3B53	***DURING***	.454KV= 92.2% OF	.493KV	14.6	9.0	26.4	.0
3B53	***AFTER****	.455KV= 92.2% OF	.493KV	14.6	9.0	26.4	.0

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VOLTAGE DROP ANALYSIS CASE #= 4

NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B54	***PRIOR****	.447KV=	90.6% OF	.493KV	14.6	9.0	23.4	.0
3B54	***DURING***	.442KV=	89.7% OF	.493KV	14.6	9.0	22.9	.0
3B54	***AFTER****	.446KV=	90.5% OF	.493KV	14.6	9.0	23.3	.0

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VOLTAGE DROP ANALYSIS CASE #= 5

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
2BUS113	***PRIOR****	233.793KV=100.3% OF233.000KV	.0	.0	.0	.0
2BUS113	***DURING***	233.793KV=100.3% OF233.000KV	.0	.0	.0	.0
2BUS113	***AFTER****	233.793KV=100.3% OF233.000KV	.0	.0	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AA1	***PRIOR****	4.012KV= 96.4% OF 4.160KV	4110.5	2562.7	.0	.0
3AA1	***DURING***	4.012KV= 96.4% OF 4.160KV	4110.5	2562.7	.0	.0
3AA1	***AFTER****	4.012KV= 96.4% OF 4.160KV	4110.5	2562.7	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AB1	***PRIOR****	3.962KV= 95.3% OF 4.160KV	8222.3	5129.7	.0	.0
3AB1	***DURING***	3.962KV= 95.3% OF 4.160KV	8222.3	5129.7	.0	.0
3AB1	***AFTER****	3.962KV= 95.3% OF 4.160KV	8222.3	5129.7	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AA2	***PRIOR****	3.966KV= 95.3% OF 4.160KV	5770.8	3260.8	.0	.0
3AA2	***DURING***	3.966KV= 95.3% OF 4.160KV	5770.8	3260.8	.0	.0
3AA2	***AFTER****	3.966KV= 95.3% OF 4.160KV	5770.8	3260.8	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AD	***PRIOR****	3.964KV= 95.3% OF 4.160KV	626.8	409.1	.0	.0
3AD	***DURING***	3.964KV= 95.3% OF 4.160KV	626.8	409.1	.0	.0
3AD	***AFTER****	3.964KV= 95.3% OF 4.160KV	626.8	409.1	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B01	***PRIOR****	.454KV= 92.2% OF .493KV	446.9	238.3	.0	.0
3B01	***DURING***	.454KV= 92.2% OF .493KV	446.9	238.3	.0	.0
3B01	***AFTER****	.454KV= 92.2% OF .493KV	446.9	238.3	.0	.0

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VOLTAGE DROP ANALYSIS CASE #= 5

NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3803	***PRIOR****	.463KV= 93.9% OF	.493KV		82.6	51.3	208.4	1.5
3803	***DURING***	.463KV= 93.9% OF	.493KV		82.6	51.3	208.4	1.5
3803	***AFTER****	.463KV= 93.9% OF	.493KV		82.6	51.3	208.4	1.5

NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3805V	***PRIOR****	.454KV= 92.1% OF	.493KV		100.2	62.0	28.3	.0
3805V	***DURING***	.454KV= 92.1% OF	.493KV		100.2	62.0	28.3	.0
3805V	***AFTER****	.454KV= 92.1% OF	.493KV		100.2	62.0	28.3	.0

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

	HP						
MOV1420***PRIOR****	5.2	.441KV= 95.9% OF	.460 KV	*	WARNING	WARNING	WARNING *
MOV1420***DURING***	5.2	.441KV= 95.9% OF	.460 KV	*	WARNING	WARNING	WARNING *
MOV1420***AFTER****	5.2	.441KV= 95.9% OF	.460 KV	*	WARNING	WARNING	WARNING *

NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3805N	***PRIOR****	.452KV= 91.7% OF	.493KV		215.5	135.0	13.3	.0
3805N	***DURING***	.452KV= 91.7% OF	.493KV		215.5	135.0	13.3	.0
3805N	***AFTER****	.452KV= 91.7% OF	.493KV		215.5	135.0	13.3	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3807	***PRIOR****	.456KV= 92.5% OF	.493KV		200.5	123.3	63.6	.3
3807	***DURING***	.456KV= 92.5% OF	.493KV		200.5	123.3	63.6	.3
3807	***AFTER****	.456KV= 92.5% OF	.493KV		200.5	123.3	63.6	.3

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VOLTAGE DROP ANALYSIS CASE #= 5

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3V30C	***PRIOR****	30.0	.441KV= 95.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V30C	***DURING***	30.0	.441KV= 95.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V30C	***AFTER****	30.0	.441KV= 95.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B08V	***PRIOR****	.434KV= 88.0% OF	.493KV	261.3	160.4	1.6	.0
3B08V	***DURING***	.434KV= 88.0% OF	.493KV	261.3	160.4	1.6	.0
3B08V	***AFTER****	.434KV= 88.0% OF	.493KV	261.3	160.4	1.6	.0

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3V1D	***PRIOR****	100.0	.430KV= 93.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V1D	***DURING***	100.0	.430KV= 93.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V1D	***AFTER****	100.0	.430KV= 93.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3V30B	***PRIOR****	30.0	.419KV= 91.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V30B	***DURING***	30.0	.419KV= 91.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V30B	***AFTER****	30.0	.419KV= 91.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
V11	***PRIOR****	10.0	.430KV= 93.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*
V11	***DURING***	10.0	.430KV= 93.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*
V11	***AFTER****	10.0	.430KV= 93.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
V298	***PRIOR****	1.0	.433KV= 94.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*
V298	***DURING***	1.0	.433KV= 94.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*
V298	***AFTER****	1.0	.433KV= 94.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
E16C/17	***PRIOR****	34.0	.422KV=	91.6% OF	.460 KV	*	WARNING	WARNING	WARNING *
E16C/17	***DURING***	34.0	.422KV=	91.6% OF	.460 KV	*	WARNING	WARNING	WARNING *
E16C/17	***AFTER****	34.0	.422KV=	91.6% OF	.460 KV	*	WARNING	WARNING	WARNING *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
E16D	***PRIOR****	36.0	.430KV=	93.6% OF	.460 KV	*	WARNING	WARNING	WARNING *
E16D	***DURING***	36.0	.430KV=	93.6% OF	.460 KV	*	WARNING	WARNING	WARNING *
E16D	***AFTER****	36.0	.430KV=	93.6% OF	.460 KV	*	WARNING	WARNING	WARNING *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
P42B	***PRIOR****	3.0	.430KV=	93.5% OF	.460 KV	*	WARNING	WARNING	WARNING *
P42B	***DURING***	3.0	.430KV=	93.5% OF	.460 KV	*	WARNING	WARNING	WARNING *
P42B	***AFTER****	3.0	.430KV=	93.5% OF	.460 KV	*	WARNING	WARNING	WARNING *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
V77/E23	***PRIOR****	36.0	.428KV=	93.1% OF	.460 KV	*	WARNING	WARNING	WARNING *
V77/E23	***DURING***	36.0	.428KV=	93.1% OF	.460 KV	*	WARNING	WARNING	WARNING *
V77/E23	***AFTER****	36.0	.428KV=	93.1% OF	.460 KV	*	WARNING	WARNING	WARNING *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
NS74B	***PRIOR****	50.5	.426KV=	92.6% OF	.460 KV	*	WARNING	WARNING	WARNING *
NS74B	***DURING***	50.5	.426KV=	92.6% OF	.460 KV	*	WARNING	WARNING	WARNING *
NS74B	***AFTER****	50.5	.426KV=	92.6% OF	.460 KV	*	WARNING	WARNING	WARNING *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
S77B	***PRIOR****	3.4	.429KV=	93.2% OF	.460 KV	*	WARNING	WARNING	WARNING *
S77B	***DURING***	3.4	.429KV=	93.2% OF	.460 KV	*	WARNING	WARNING	WARNING *
S77B	***AFTER****	3.4	.429KV=	93.2% OF	.460 KV	*	WARNING	WARNING	WARNING *

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VOLTAGE DROP ANALYSIS CASE #= 5

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
S788	***PRIOR****	3.4	.429KV=	93.3% OF	.460 KV	*	WARNING	WARNING	WARNING *
S788	***DURING***	3.4	.429KV=	93.3% OF	.460 KV	*	WARNING	WARNING	WARNING *
S788	***AFTER****	3.4	.429KV=	93.3% OF	.460 KV	*	WARNING	WARNING	WARNING *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
S75B	***PRIOR****	5.0	.428KV=	93.0% OF	.460 KV	*	WARNING	WARNING	WARNING *
S75B	***DURING***	5.0	.428KV=	93.0% OF	.460 KV	*	WARNING	WARNING	WARNING *
S75B	***AFTER****	5.0	.428KV=	93.0% OF	.460 KV	*	WARNING	WARNING	WARNING *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
MOV1404	***PRIOR****	.3	.433KV=	94.1% OF	.460 KV	*	WARNING	WARNING	WARNING *
MOV1404	***DURING***	.3	.433KV=	94.1% OF	.460 KV	*	WARNING	WARNING	WARNING *
MOV1404	***AFTER****	.3	.433KV=	94.1% OF	.460 KV	*	WARNING	WARNING	WARNING *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
MOV1417	***PRIOR****	1.5	.432KV=	93.8% OF	.460 KV	*	WARNING	WARNING	WARNING *
MOV1417	***DURING***	1.5	.432KV=	93.8% OF	.460 KV	*	WARNING	WARNING	WARNING *
MOV1417	***AFTER****	1.5	.432KV=	93.8% OF	.460 KV	*	WARNING	WARNING	WARNING *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
MOV6552	***PRIOR****	.1	.434KV=	94.3% OF	.460 KV	*	WARNING	WARNING	WARNING *
MOV6552	***DURING***	.1	.434KV=	94.3% OF	.460 KV	*	WARNING	WARNING	WARNING *
MOV6552	***AFTER****	.1	.434KV=	94.3% OF	.460 KV	*	WARNING	WARNING	WARNING *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
MOV6543	***PRIOR****	.1	.434KV=	94.3% OF	.460 KV	*	WARNING	WARNING	WARNING *
MOV6543	***DURING***	.1	.434KV=	94.3% OF	.460 KV	*	WARNING	WARNING	WARNING *
MOV6543	***AFTER****	.1	.434KV=	94.3% OF	.460 KV	*	WARNING	WARNING	WARNING *

NAME OF BUS	CONDITION	VOLTAGE AT BUS				MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3850	***PRIOR****	.437KV=	88.6%	OF	.493KV	123.4	60.8	.0	.0
3850	***DURING***	.437KV=	88.6%	OF	.493KV	123.4	60.8	.0	.0
3850	***AFTER****	.437KV=	88.6%	OF	.493KV	123.4	60.8	.0	.0

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VOLTAGE DROP ANALYSIS CASE #= 5

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3P201C	***PRIOR****	150.0	.428KV= 93.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P201C	***DURING***	150.0	.428KV= 93.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P201C	***AFTER****	150.0	.428KV= 93.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AB2	***PRIOR****	3.920KV= 94.2% OF	4.160KV	5770.9	3261.1	.0	.0
3AB2	***DURING***	3.920KV= 94.2% OF	4.160KV	5770.9	3261.1	.0	.0
3AB2	***AFTER****	3.920KV= 94.2% OF	4.160KV	5770.9	3261.1	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B02	***PRIOR****	.457KV= 92.7% OF	.493KV	207.0	113.4	.0	.0
3B02	***DURING***	.457KV= 92.7% OF	.493KV	207.0	113.4	.0	.0
3B02	***AFTER****	.457KV= 92.7% OF	.493KV	207.0	113.4	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B04	***PRIOR****	.446KV= 90.5% OF	.493KV	323.7	171.8	.0	.0
3B04	***DURING***	.446KV= 90.5% OF	.493KV	323.7	171.8	.0	.0
3B04	***AFTER****	.446KV= 90.5% OF	.493KV	323.7	171.8	.0	.0

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3P214B	***PRIOR****	250.0	.439KV= 95.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P214B	***DURING***	250.0	.439KV= 95.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P214B	***AFTER****	250.0	.439KV= 95.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*

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VOLTAGE DROP ANALYSIS CASE #= 5

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3S7B	***PRIOR****	150.0	.437KV= 95.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3S7B	***DURING***	150.0	.437KV= 95.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3S7B	***AFTER****	150.0	.437KV= 95.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B06	***PRIOR****	.453KV= 91.9% OF	.493KV	158.8	97.1	47.2	.1
3B06	***DURING***	.453KV= 91.9% OF	.493KV	158.8	97.1	47.2	.1
3B06	***AFTER****	.453KV= 91.9% OF	.493KV	158.8	97.1	47.2	.1

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
MOV744B	***PRIOR****	10.3	.441KV= 95.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*
MOV744B	***DURING***	10.3	.441KV= 95.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*
MOV744B	***AFTER****	10.3	.441KV= 95.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
B08N	***PRIOR****	.439KV= 89.1% OF	.493KV	117.9	72.4	20.2	11.8
B08N	***DURING***	.439KV= 89.1% OF	.493KV	117.9	72.4	20.2	11.8
B08N	***AFTER****	.439KV= 89.1% OF	.493KV	117.9	72.4	20.2	11.8

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B52	***PRIOR****	.446KV= 90.4% OF	.493KV	16.1	9.9	15.5	.0
3B52	***DURING***	.446KV= 90.4% OF	.493KV	16.1	9.9	15.5	.0
3B52	***AFTER****	.446KV= 90.4% OF	.493KV	16.1	9.9	15.5	.0

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3S230	***PRIOR****	7.0	.440KV= 95.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3S230	***DURING***	7.0	.440KV= 95.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3S230	***AFTER****	7.0	.440KV= 95.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B53	***PRIOR****	.455KV= 92.2% OF	.493KV	14.6	9.0	26.4	.0
3B53	***DURING***	.455KV= 92.2% OF	.493KV	14.6	9.0	26.4	.0
3B53	***AFTER****	.455KV= 92.2% OF	.493KV	14.6	9.0	26.4	.0

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NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B54	***PRIOR****	.446KV=	90.5% OF	.493KV	14.6	9.0	23.3	.0
3B54	***DURING***	.446KV=	90.5% OF	.493KV	14.6	9.0	23.3	.0
3B54	***AFTER****	.446KV=	90.5% OF	.493KV	14.6	9.0	23.3	.0

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VOLTAGE DROP ANALYSIS CASE #= 6

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
2BUS113	***PRIOR****	233.796KV=100.3% OF233.000KV	.0	.0	.0	.0
2BUS113	***DURING***	233.748KV=100.3% OF233.000KV	.0	.0	.0	.0
2BUS113	***AFTER****	233.789KV=100.3% OF233.000KV	.0	.0	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AA1	***PRIOR****	4.012KV= 96.5% OF 4.160KV	4110.5	2562.7	.0	.0
3AA1	***DURING***	4.003KV= 96.2% OF 4.160KV	4110.5	2562.7	.0	.0
3AA1	***AFTER****	4.011KV= 96.4% OF 4.160KV	4110.5	2562.7	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AB1	***PRIOR****	3.963KV= 95.3% OF 4.160KV	8222.3	5129.7	.0	.0
3AB1	***DURING***	3.953KV= 95.0% OF 4.160KV	8222.3	5129.7	.0	.0
3AB1	***AFTER****	3.962KV=-95.2% OF 4.160KV	8222.3	5129.7	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AA2	***PRIOR****	3.967KV= 95.4% OF 4.160KV	5770.8	3260.8	.0	.0
3AA2	***DURING***	3.954KV= 95.0% OF 4.160KV	5770.8	3260.8	.0	.0
3AA2	***AFTER****	3.965KV= 95.3% OF 4.160KV	5770.8	3260.8	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AD	***PRIOR****	3.965KV= 95.3% OF 4.160KV	626.8	409.1	.0	.0
3AD	***DURING***	3.951KV= 95.0% OF 4.160KV	626.8	409.1	.0	.0
3AD	***AFTER****	3.963KV= 95.3% OF 4.160KV	626.8	409.1	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B01	***PRIOR****	.455KV= 92.2% OF .493KV	446.9	238.3	.0	.0
3B01	***DURING***	.453KV= 91.9% OF .493KV	446.9	238.3	.0	.0
3B01	***AFTER****	.454KV= 92.2% OF .493KV	446.9	238.3	.0	.0

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VOLTAGE DROP ANALYSIS CASE #= 6

NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B03	***PRIOR****	.464KV=	94.0% OF	.493KV	82.6	51.3	208.9	1.5
3B03	***DURING***	.451KV=	91.5% OF	.493KV	82.6	51.3	197.8	1.4
3B03	***AFTER****	.462KV=	93.7% OF	.493KV	82.6	51.3	207.4	1.5

NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B05V	***PRIOR****	.454KV=	92.1% OF	.493KV	91.9	57.0	28.4	.0
3B05V	***DURING***	.453KV=	91.8% OF	.493KV	91.9	57.0	28.2	.0
3B05V	***AFTER****	.454KV=	92.1% OF	.493KV	91.9	57.0	28.3	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B05N	***PRIOR****	.452KV=	91.8% OF	.493KV	215.5	135.0	13.3	.0
3B05N	***DURING***	.451KV=	91.4% OF	.493KV	215.5	135.0	13.2	.0
3B05N	***AFTER****	.452KV=	91.7% OF	.493KV	215.5	135.0	13.3	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B07	***PRIOR****	.457KV=	92.7% OF	.493KV	182.9	112.6	63.9	.3
3B07	***DURING***	.432KV=	87.7% OF	.493KV	323.7	440.5	57.2	.3
3B07	***AFTER****	.453KV=	91.9% OF	.493KV	244.6	150.9	62.8	.3

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP				
3V30C	***PRIOR****	30.0	.442KV= 96.2% OF	.460 KV	*	WARNING WARNING WARNING *
3V30C	***DURING***	30.0	.417KV= 90.6% OF	.460 KV	*	WARNING WARNING WARNING *
3V30C	***AFTER****	30.0	.439KV= 95.3% OF	.460 KV	*	WARNING WARNING WARNING *

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STARTING MOTOR NAME		HP				
3V3C	***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *	
3V3C	***DURING***	75.0	.403KV= 87.6% OF	.460 KV		
3V3C	***AFTER****	75.0	.447KV= 97.1% OF	.460 KV		

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B08V	***PRIOR****	.434KV= 88.1% OF	.493KV	257.5	158.1	1.6	.0
3B08V	***DURING***	.433KV= 87.7% OF	.493KV	257.5	158.1	1.6	.0
3B08V	***AFTER****	.434KV= 88.1% OF	.493KV	257.5	158.1	1.6	.0

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP				
3V1D	***PRIOR****	100.0	.430KV= 93.5% OF	.460 KV	* WARNING WARNING WARNING	*
3V1D	***DURING***	100.0	.428KV= 93.1% OF	.460 KV	* WARNING WARNING WARNING	*
3V1D	***AFTER****	100.0	.430KV= 93.5% OF	.460 KV	* WARNING WARNING WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP				
3V30B	***PRIOR****	30.0	.420KV= 91.3% OF	.460 KV	* WARNING WARNING WARNING	*
3V30B	***DURING***	30.0	.418KV= 90.9% OF	.460 KV	* WARNING WARNING WARNING	*
3V30B	***AFTER****	30.0	.420KV= 91.2% OF	.460 KV	* WARNING WARNING WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP				
V11	***PRIOR****	10.0	.431KV= 93.6% OF	.460 KV	* WARNING WARNING WARNING	*
V11	***DURING***	10.0	.429KV= 93.2% OF	.460 KV	* WARNING WARNING WARNING	*
V11	***AFTER****	10.0	.430KV= 93.5% OF	.460 KV	* WARNING WARNING WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP				
V29B	***PRIOR****	1.0	.433KV= 94.2% OF	.460 KV	* WARNING WARNING WARNING	*
V29B	***DURING***	1.0	.432KV= 93.8% OF	.460 KV	* WARNING WARNING WARNING	*
V29B	***AFTER****	1.0	.433KV= 94.2% OF	.460 KV	* WARNING WARNING WARNING	*

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
E16C/17	***PRIOR****	34.0	.422KV= 91.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*
E16C/17	***DURING***	34.0	.420KV= 91.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*
E16C/17	***AFTER****	34.0	.422KV= 91.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
E16D	***PRIOR****	36.0	.431KV= 93.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*
E16D	***DURING***	36.0	.429KV= 93.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*
E16D	***AFTER****	36.0	.431KV= 93.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
P42B	***PRIOR****	3.0	.431KV= 93.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*
P42B	***DURING***	3.0	.429KV= 93.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*
P42B	***AFTER****	3.0	.430KV= 93.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
V77/E23	***PRIOR****	36.0	.429KV= 93.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*
V77/E23	***DURING***	36.0	.427KV= 92.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*
V77/E23	***AFTER****	36.0	.428KV= 93.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
NS74B	***PRIOR****	50.5	.426KV= 92.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*
NS74B	***DURING***	50.5	.424KV= 92.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*
NS74B	***AFTER****	50.5	.426KV= 92.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
S77B	***PRIOR****	3.4	.429KV= 93.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S77B	***DURING***	3.4	.427KV= 92.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S77B	***AFTER****	3.4	.429KV= 93.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
S78B	***PRIOR****	3.4	.430KV= 93.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S78B	***DURING***	3.4	.428KV= 93.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S78B	***AFTER****	3.4	.430KV= 93.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
S75B	***PRIOR****	5.0	.428KV= 93.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S75B	***DURING***	5.0	.427KV= 92.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S75B	***AFTER****	5.0	.428KV= 93.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3850	***PRIOR****	.437KV= 88.7% OF	.493KV	123.4	60.8	.0	.0
3850	***DURING***	.435KV= 88.3% OF	.493KV	123.4	60.8	.0	.0
3850	***AFTER****	.437KV= 88.6% OF	.493KV	123.4	60.8	.0	.0

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3P201C	***PRIOR****	150.0	.429KV= 93.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P201C	***DURING***	150.0	.427KV= 92.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P201C	***AFTER****	150.0	.428KV= 93.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3A82	***PRIOR****	3.921KV= 94.3% OF	4.160KV	5770.9	3261.1	.0	.0
3A82	***DURING***	3.907KV= 93.9% OF	4.160KV	5770.9	3261.1	.0	.0
3A82	***AFTER****	3.919KV= 94.2% OF	4.160KV	5770.9	3261.1	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B02	***PRIOR****	.458KV= 92.9% OF	.493KV	207.0	113.4	.0	.0
3B02	***DURING***	.445KV= 90.3% OF	.493KV	207.0	113.4	.0	.0
3B02	***AFTER****	.456KV= 92.5% OF	.493KV	207.0	113.4	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B04	***PRIOR****	.446KV= 90.5% OF	.493KV	323.7	171.8	.0	.0
3B04	***DURING***	.445KV= 90.2% OF	.493KV	323.7	171.8	.0	.0
3B04	***AFTER****	.446KV= 90.5% OF	.493KV	323.7	171.8	.0	.0

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3P214B	***PRIOR****	250.0	.439KV= 95.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P214B	***DURING***	250.0	.438KV= 95.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P214B	***AFTER****	250.0	.439KV= 95.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3S7B	***PRIOR****	150.0	.437KV= 95.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3S7B	***DURING***	150.0	.436KV= 94.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3S7B	***AFTER****	150.0	.437KV= 95.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3806	***PRIOR****	.455KV= 92.2% OF	.493KV	129.5	79.3	47.5	.1
3806	***DURING***	.433KV= 87.9% OF	.493KV	270.4	411.9	43.2	.1
3806	***AFTER****	.452KV= 91.6% OF	.493KV	191.1	117.5	46.9	.1

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3V30A	***PRIOR****	30.0	.444KV= 96.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V30A	***DURING***	30.0	.422KV= 91.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V30A	***AFTER****	30.0	.441KV= 95.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*

STARTING MOTOR NAME		HP			
3V3A	***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *
3V3A	***DURING***	75.0	.407KV= 88.4% OF	.460 KV	
3V3A	***AFTER****	75.0	.446KV= 96.9% OF	.460 KV	

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
B08W	***PRIOR****	.439KV= 89.1% OF	.493KV	117.9	72.4	20.2	11.8
B08W	***DURING***	.438KV= 88.8% OF	.493KV	117.9	72.4	20.0	11.7
B08W	***AFTER****	.439KV= 89.1% OF	.493KV	117.9	72.4	20.2	11.8

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NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B52	***PRIOR****	.446KV= 90.4% OF	.493KV		16.1	9.9	15.5	.0
3B52	***DURING***	.444KV= 90.1% OF	.493KV		16.1	9.9	15.4	.0
3B52	***AFTER****	.446KV= 90.4% OF	.493KV		16.1	9.9	15.5	.0

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3S230	***PRIOR****	7.0	.441KV= 95.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3S230	***DURING***	7.0	.439KV= 95.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3S230	***AFTER****	7.0	.440KV= 95.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B53	***PRIOR****	.455KV= 92.2% OF	.493KV		14.6	9.0	26.4	.0
3B53	***DURING***	.453KV= 91.9% OF	.493KV		14.6	9.0	26.2	.0
3B53	***AFTER****	.455KV= 92.2% OF	.493KV		14.6	9.0	26.4	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B54	***PRIOR****	.446KV= 90.5% OF	.493KV		14.6	9.0	23.3	.0
3B54	***DURING***	.445KV= 90.2% OF	.493KV		14.6	9.0	23.2	.0
3B54	***AFTER****	.446KV= 90.5% OF	.493KV		14.6	9.0	23.3	.0

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VOLTAGE DROP ANALYSIS CASE #= 7

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
2BUS113	***PRIOR****	233.786KV=100.3% OF233.000KV	.0	.0	.0	.0
2BUS113	***DURING***	233.761KV=100.3% OF233.000KV	.0	.0	.0	.0
2BUS113	***AFTER****	233.782KV=100.3% OF233.000KV	.0	.0	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AA1	***PRIOR****	4.011KV= 96.4% OF 4.160KV	4110.5	2562.7	.0	.0
3AA1	***DURING***	4.010KV= 96.4% OF 4.160KV	4110.5	2562.7	.0	.0
3AA1	***AFTER****	4.011KV= 96.4% OF 4.160KV	4110.5	2562.7	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AB1	***PRIOR****	3.961KV= 95.2% OF 4.160KV	8222.3	5129.7	.0	.0
3AB1	***DURING***	3.952KV= 95.0% OF 4.160KV	8222.3	5129.7	.0	.0
3AB1	***AFTER****	3.959KV= 95.2% OF 4.160KV	8222.3	5129.7	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AA2	***PRIOR****	3.965KV= 95.3% OF 4.160KV	5770.8	3260.8	.0	.0
3AA2	***DURING***	3.964KV= 95.3% OF 4.160KV	5770.8	3260.8	.0	.0
3AA2	***AFTER****	3.965KV= 95.3% OF 4.160KV	5770.8	3260.8	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AD	***PRIOR****	3.963KV= 95.3% OF 4.160KV	626.8	409.1	.0	.0
3AD	***DURING***	3.961KV= 95.2% OF 4.160KV	626.8	409.1	.0	.0
3AD	***AFTER****	3.962KV= 95.3% OF 4.160KV	626.8	409.1	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B01	***PRIOR****	.454KV= 92.2% OF .493KV	446.9	238.3	.0	.0
3B01	***DURING***	.454KV= 92.1% OF .493KV	446.9	238.3	.0	.0
3B01	***AFTER****	.454KV= 92.2% OF .493KV	446.9	238.3	.0	.0

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NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B03	***PRIOR****	.462KV= 93.7% OF	.493KV	82.6	51.3	207.4	1.5
3B03	***DURING***	.462KV= 93.7% OF	.493KV	82.6	51.3	207.3	1.5
3B03	***AFTER****	.462KV= 93.7% OF	.493KV	82.6	51.3	207.4	1.5

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B05V	***PRIOR****	.454KV= 92.1% OF	.493KV	91.9	57.0	28.3	.0
3B05V	***DURING***	.454KV= 92.0% OF	.493KV	91.9	57.0	28.3	.0
3B05V	***AFTER****	.454KV= 92.1% OF	.493KV	91.9	57.0	28.3	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B05N	***PRIOR****	.452KV= 91.7% OF	.493KV	215.5	135.0	13.3	.0
3B05N	***DURING***	.452KV= 91.7% OF	.493KV	215.5	135.0	13.3	.0
3B05N	***AFTER****	.452KV= 91.7% OF	.493KV	215.5	135.0	13.3	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B07	***PRIOR****	.453KV= 91.9% OF	.493KV	244.6	150.9	62.8	.3
3B07	***DURING***	.453KV= 91.9% OF	.493KV	244.6	150.9	62.8	.3
3B07	***AFTER****	.453KV= 91.9% OF	.493KV	244.6	150.9	62.8	.3

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP			
3V30C	***PRIOR****	30.0	.439KV= 95.3% OF	.460 KV	* WARNING WARNING WARNING *
3V30C	***DURING***	30.0	.438KV= 95.3% OF	.460 KV	* WARNING WARNING WARNING *
3V30C	***AFTER****	30.0	.439KV= 95.3% OF	.460 KV	* WARNING WARNING WARNING *

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B08V	***PRIOR****	.434KV= 88.0% OF	.493KV	257.5	158.1	1.6	.0
3B08V	***DURING***	.409KV= 82.9% OF	.493KV	383.5	449.5	1.4	.0
3B08V	***AFTER****	.430KV= 87.1% OF	.493KV	319.3	196.4	1.6	.0

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
3V1D    ***PRIOR****    100.0     .430KV= 93.4% OF    .460 KV     *  WARNING WARNING  WARNING  *
3V1D    ***DURING***    100.0     .404KV= 87.9% OF    .460 KV     *  WARNING WARNING  WARNING  *
3V1D    ***AFTER****    100.0     .425KV= 92.5% OF    .460 KV     *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
3V30B   ***PRIOR****     30.0     .419KV= 91.2% OF    .460 KV     *  WARNING WARNING  WARNING  *
3V30B   ***DURING***     30.0     .393KV= 85.5% OF    .460 KV     *  WARNING WARNING  WARNING  *
3V30B   ***AFTER****     30.0     .415KV= 90.2% OF    .460 KV     *  WARNING WARNING  WARNING  *

STARTING MOTOR NAME       HP

3V3B    ***PRIOR****      .0      .000KV=   .0% OF    .460 KV     * MOTOR NOT STARTED YET *
3V3B    ***DURING***    75.0     .379KV= 82.4% OF    .460 KV
3V3B    ***AFTER****    75.0     .422KV= 91.8% OF    .460 KV     *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
V11     ***PRIOR****    10.0     .430KV= 93.5% OF    .460 KV     *  WARNING WARNING  WARNING  *
V11     ***DURING***    10.0     .405KV= 88.0% OF    .460 KV     *  WARNING WARNING  WARNING  *
V11     ***AFTER****    10.0     .426KV= 92.6% OF    .460 KV     *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
V29B    ***PRIOR****     1.0     .433KV= 94.1% OF    .460 KV     *  WARNING WARNING  WARNING  *
V29B    ***DURING***     1.0     .408KV= 88.6% OF    .460 KV     *  WARNING WARNING  WARNING  *
V29B    ***AFTER****     1.0     .429KV= 93.2% OF    .460 KV     *  WARNING WARNING  WARNING  *
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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
E16C/17	***PRIOR****	34.0	.421KV= 91.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*
E16C/17	***DURING***	34.0	.395KV= 86.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*
E16C/17	***AFTER****	34.0	.417KV= 90.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
E16D	***PRIOR****	36.0	.430KV= 93.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*
E16D	***DURING***	36.0	.405KV= 88.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*
E16D	***AFTER****	36.0	.426KV= 92.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
P42B	***PRIOR****	3.0	.430KV= 93.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*
P42B	***DURING***	3.0	.405KV= 88.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*
P42B	***AFTER****	3.0	.426KV= 92.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
V77/E23	***PRIOR****	36.0	.428KV= 93.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*
V77/E23	***DURING***	36.0	.403KV= 87.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*
V77/E23	***AFTER****	36.0	.424KV= 92.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
NS74B	***PRIOR****	50.5	.426KV= 92.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*
NS74B	***DURING***	50.5	.400KV= 86.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*
NS74B	***AFTER****	50.5	.421KV= 91.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
S77B	***PRIOR****	3.4	.429KV= 93.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S77B	***DURING***	3.4	.403KV= 87.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S77B	***AFTER****	3.4	.424KV= 92.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP						
S788	***PRIOR****	3.4	.429KV= 93.3% OF	.460 KV	*	WARNING	WARNING	WARNING *
S788	***DURING***	3.4	.404KV= 87.8% OF	.460 KV	*	WARNING	WARNING	WARNING *
S788	***AFTER****	3.4	.425KV= 92.4% OF	.460 KV	*	WARNING	WARNING	WARNING *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP						
S75B	***PRIOR****	5.0	.428KV= 93.0% OF	.460 KV	*	WARNING	WARNING	WARNING *
S75B	***DURING***	5.0	.402KV= 87.5% OF	.460 KV	*	WARNING	WARNING	WARNING *
S75B	***AFTER****	5.0	.424KV= 92.1% OF	.460 KV	*	WARNING	WARNING	WARNING *

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B50	***PRIOR****	.437KV= 88.6% OF	.493KV	123.4	60.8	.0	.0
3B50	***DURING***	.415KV= 84.2% OF	.493KV	123.4	60.8	.0	.0
3B50	***AFTER****	.433KV= 87.9% OF	.493KV	123.4	60.8	.0	.0

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP						
3P201C	***PRIOR****	150.0	.428KV= 93.1% OF	.460 KV	*	WARNING	WARNING	WARNING *
3P201C	***DURING***	150.0	.406KV= 88.3% OF	.460 KV	*	WARNING	WARNING	WARNING *
3P201C	***AFTER****	150.0	.425KV= 92.3% OF	.460 KV	*	WARNING	WARNING	WARNING *

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AB2	***PRIOR****	3.918KV= 94.2% OF	4.160KV	5850.1	3301.8	.0	.0
3AB2	***DURING***	3.905KV= 93.9% OF	4.160KV	5850.1	3301.8	.0	.0
3AB2	***AFTER****	3.916KV= 94.1% OF	4.160KV	5850.1	3301.8	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B02	***PRIOR****	.456KV= 92.5% OF	.493KV	207.0	113.4	.0	.0
3B02	***DURING***	.455KV= 92.2% OF	.493KV	207.0	113.4	.0	.0
3B02	***AFTER****	.456KV= 92.5% OF	.493KV	207.0	113.4	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B04	***PRIOR****	.446KV= 90.4% OF	.493KV	323.7	171.8	.0	.0
3B04	***DURING***	.433KV= 87.9% OF	.493KV	323.7	171.8	.0	.0
3B04	***AFTER****	.444KV= 90.0% OF	.493KV	323.7	171.8	.0	.0

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3P214B	***PRIOR****	250.0	.439KV= 95.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P214B	***DURING***	250.0	.426KV= 92.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P214B	***AFTER****	250.0	.437KV= 95.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3S7B	***PRIOR****	150.0	.437KV= 95.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3S7B	***DURING***	150.0	.424KV= 92.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3S7B	***AFTER****	150.0	.435KV= 94.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3806	***PRIOR****	.451KV= 91.6% OF	.493KV	191.1	117.5	46.9	.1
3806	***DURING***	.450KV= 91.3% OF	.493KV	191.1	117.5	46.5	.1
3806	***AFTER****	.451KV= 91.5% OF	.493KV	191.1	117.5	46.8	.1

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3V30A	***PRIOR****	30.0	.440KV= 95.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V30A	***DURING***	30.0	.439KV= 95.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V30A	***AFTER****	30.0	.440KV= 95.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
B08W	***PRIOR****	.439KV= 89.1% OF	.493KV	117.9	72.4	20.2	11.8
B08W	***DURING***	.426KV= 86.5% OF	.493KV	117.9	72.4	19.0	11.1
B08W	***AFTER****	.437KV= 88.7% OF	.493KV	117.9	72.4	20.0	11.7

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3852	***PRIOR****	.445KV= 90.4% OF	.493KV	16.1	9.9	15.5	.0
3852	***DURING***	.433KV= 87.8% OF	.493KV	16.1	9.9	14.6	.0
3852	***AFTER****	.444KV= 90.0% OF	.493KV	16.1	9.9	15.4	.0

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP								
3V65B	***PRIOR****	2.0	.442KV= 96.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V65B	***DURING***	2.0	.429KV= 93.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V65B	***AFTER****	2.0	.440KV= 95.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP								
3S230	***PRIOR****	7.0	.440KV= 95.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3S230	***DURING***	7.0	.427KV= 92.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3S230	***AFTER****	7.0	.438KV= 95.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B53	***PRIOR****	.455KV= 92.2% OF	.493KV	14.6	9.0	26.4	.0
3B53	***DURING***	.454KV= 92.2% OF	.493KV	14.6	9.0	26.3	.0
3B53	***AFTER****	.455KV= 92.2% OF	.493KV	14.6	9.0	26.4	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B54	***PRIOR****	.446KV= 90.4% OF	.493KV	14.6	9.0	23.3	.0
3B54	***DURING***	.433KV= 87.9% OF	.493KV	14.6	9.0	22.0	.0
3B54	***AFTER****	.444KV= 90.0% OF	.493KV	14.6	9.0	23.1	.0

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NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
2BUS113	***PRIOR****	233.782KV=100.3% OF233.000KV	.0	.0	.0	.0
2BUS113	***DURING***	233.782KV=100.3% OF233.000KV	.0	.0	.0	.0
2BUS113	***AFTER****	233.782KV=100.3% OF233.000KV	.0	.0	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AA1	***PRIOR****	4.011KV= 96.4% OF 4.160KV	4110.5	2562.7	.0	.0
3AA1	***DURING***	4.011KV= 96.4% OF 4.160KV	4110.5	2562.7	.0	.0
3AA1	***AFTER****	4.011KV= 96.4% OF 4.160KV	4110.5	2562.7	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AB1	***PRIOR****	3.959KV= 95.2% OF 4.160KV	8222.3	5129.7	.0	.0
3AB1	***DURING***	3.959KV= 95.2% OF 4.160KV	8222.3	5129.7	.0	.0
3AB1	***AFTER****	3.959KV= 95.2% OF 4.160KV	8222.3	5129.7	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AA2	***PRIOR****	3.965KV= 95.3% OF 4.160KV	5770.8	3260.8	.0	.0
3AA2	***DURING***	3.965KV= 95.3% OF 4.160KV	5770.8	3260.8	.0	.0
3AA2	***AFTER****	3.965KV= 95.3% OF 4.160KV	5770.8	3260.8	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AD	***PRIOR****	3.962KV= 95.3% OF 4.160KV	626.8	409.1	.0	.0
3AD	***DURING***	3.962KV= 95.3% OF 4.160KV	626.8	409.1	.0	.0
3AD	***AFTER****	3.962KV= 95.3% OF 4.160KV	626.8	409.1	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B01	***PRIOR****	.454KV= 92.2% OF .493KV	446.9	238.3	.0	.0
3B01	***DURING***	.454KV= 92.2% OF .493KV	446.9	238.3	.0	.0
3B01	***AFTER****	.454KV= 92.2% OF .493KV	446.9	238.3	.0	.0

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NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B03	***PRIOR****	.462KV= 93.7% OF	.493KV	82.6	51.3	207.4	1.5
3B03	***DURING***	.462KV= 93.7% OF	.493KV	82.6	51.3	207.4	1.5
3B03	***AFTER****	.462KV= 93.7% OF	.493KV	82.6	51.3	207.4	1.5

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B05V	***PRIOR****	.454KV= 92.1% OF	.493KV	91.9	57.0	28.3	.0
3B05V	***DURING***	.454KV= 92.1% OF	.493KV	91.9	57.0	28.3	.0
3B05V	***AFTER****	.454KV= 92.1% OF	.493KV	91.9	57.0	28.3	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B05W	***PRIOR****	.452KV= 91.7% OF	.493KV	215.5	135.0	13.3	.0
3B05W	***DURING***	.452KV= 91.7% OF	.493KV	215.5	135.0	13.3	.0
3B05W	***AFTER****	.452KV= 91.7% OF	.493KV	215.5	135.0	13.3	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B07	***PRIOR****	.453KV= 91.9% OF	.493KV	244.6	150.9	62.8	.3
3B07	***DURING***	.453KV= 91.9% OF	.493KV	244.6	150.9	62.8	.3
3B07	***AFTER****	.453KV= 91.9% OF	.493KV	244.6	150.9	62.8	.3

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP						
3V30C	***PRIOR****	30.0	.439KV= 95.3% OF	.460 KV	*	WARNING	WARNING	WARNING *
3V30C	***DURING***	30.0	.439KV= 95.3% OF	.460 KV	*	WARNING	WARNING	WARNING *
3V30C	***AFTER****	30.0	.439KV= 95.3% OF	.460 KV	*	WARNING	WARNING	WARNING *

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B08V	***PRIOR****	.430KV= 87.1% OF	.493KV	319.3	196.4	1.6	.0
3B08V	***DURING***	.430KV= 87.1% OF	.493KV	319.3	196.4	1.6	.0
3B08V	***AFTER****	.430KV= 87.1% OF	.493KV	319.3	196.4	1.6	.0

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3V1D	***PRIOR****	100.0	.425KV= 92.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V1D	***DURING***	100.0	.425KV= 92.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V1D	***AFTER****	100.0	.425KV= 92.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3V30B	***PRIOR****	30.0	.415KV= 90.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V30B	***DURING***	30.0	.415KV= 90.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V30B	***AFTER****	30.0	.415KV= 90.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3V3B	***PRIOR****	75.0	.422KV= 91.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V3B	***DURING***	75.0	.422KV= 91.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V3B	***AFTER****	75.0	.422KV= 91.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
V11	***PRIOR****	10.0	.426KV= 92.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*
V11	***DURING***	10.0	.426KV= 92.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*
V11	***AFTER****	10.0	.426KV= 92.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
V29B	***PRIOR****	1.0	.429KV= 93.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*
V29B	***DURING***	1.0	.429KV= 93.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*
V29B	***AFTER****	1.0	.429KV= 93.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
E16C/17	***PRIOR****	34.0	.417KV= 90.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*
E16C/17	***DURING***	34.0	.417KV= 90.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*
E16C/17	***AFTER****	34.0	.417KV= 90.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
E16D	***PRIOR****	36.0	.426KV= 92.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*
E16D	***DURING***	36.0	.426KV= 92.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*
E16D	***AFTER****	36.0	.426KV= 92.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
P42B	***PRIOR****	3.0	.426KV= 92.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*
P42B	***DURING***	3.0	.426KV= 92.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*
P42B	***AFTER****	3.0	.426KV= 92.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
V77/E23	***PRIOR****	36.0	.424KV= 92.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*
V77/E23	***DURING***	36.0	.424KV= 92.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*
V77/E23	***AFTER****	36.0	.424KV= 92.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
NS74B	***PRIOR****	50.5	.421KV= 91.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*
NS74B	***DURING***	50.5	.421KV= 91.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*
NS74B	***AFTER****	50.5	.421KV= 91.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
S77B	***PRIOR****	3.4	.424KV= 92.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S77B	***DURING***	3.4	.424KV= 92.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S77B	***AFTER****	3.4	.424KV= 92.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
S788	***PRIOR****	3.4	.425KV= 92.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S788	***DURING***	3.4	.425KV= 92.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S788	***AFTER****	3.4	.425KV= 92.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
S75B	***PRIOR****	5.0	.424KV= 92.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S75B	***DURING***	5.0	.424KV= 92.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S75B	***AFTER****	5.0	.424KV= 92.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3850	***PRIOR****	.433KV= 87.9% OF	.493KV		123.4	60.8	.0	.0
3850	***DURING***	.433KV= 87.9% OF	.493KV		123.4	60.8	.0	.0
3850	***AFTER****	.433KV= 87.9% OF	.493KV		123.4	60.8	.0	.0

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3P201C	***PRIOR****	150.0	.425KV= 92.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P201C	***DURING***	150.0	.425KV= 92.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P201C	***AFTER****	150.0	.425KV= 92.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AB2	***PRIOR****	3.916KV= 94.1% OF	4.160KV		5850.1	3301.8	.0	.0
3AB2	***DURING***	3.916KV= 94.1% OF	4.160KV		5850.1	3301.8	.0	.0
3AB2	***AFTER****	3.916KV= 94.1% OF	4.160KV		5850.1	3301.8	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B02	***PRIOR****	.456KV= 92.5% OF	.493KV		207.0	113.4	.0	.0
3B02	***DURING***	.456KV= 92.5% OF	.493KV		207.0	113.4	.0	.0
3B02	***AFTER****	.456KV= 92.5% OF	.493KV		207.0	113.4	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B04	***PRIOR****	.444KV= 90.0% OF	.493KV		323.7	171.8	.0	.0
3B04	***DURING***	.444KV= 90.0% OF	.493KV		323.7	171.8	.0	.0
3B04	***AFTER****	.444KV= 90.0% OF	.493KV		323.7	171.8	.0	.0

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3P214B	***PRIOR****	250.0	.437KV= 95.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P214B	***DURING***	250.0	.437KV= 95.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P214B	***AFTER****	250.0	.437KV= 95.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3S7B	***PRIOR****	150.0	.435KV= 94.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3S7B	***DURING***	150.0	.435KV= 94.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3S7B	***AFTER****	150.0	.435KV= 94.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B06	***PRIOR****	.451KV= 91.5% OF	.493KV	191.1	117.5	46.8	.1
3B06	***DURING***	.451KV= 91.5% OF	.493KV	191.1	117.5	46.8	.1
3B06	***AFTER****	.451KV= 91.5% OF	.493KV	191.1	117.5	46.8	.1

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3V30A	***PRIOR****	30.0	.440KV= 95.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V30A	***DURING***	30.0	.440KV= 95.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V30A	***AFTER****	30.0	.440KV= 95.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
B08N	***PRIOR****	.437KV= 88.7% OF	.493KV	117.9	72.4	20.0	11.7
B08N	***DURING***	.437KV= 88.7% OF	.493KV	117.9	72.4	20.0	11.7
B08N	***AFTER****	.437KV= 88.7% OF	.493KV	117.9	72.4	20.0	11.7

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B52	***PRIOR****	.444KV= 90.0% OF	.493KV	16.1	9.9	15.4	.0
3B52	***DURING***	.444KV= 90.0% OF	.493KV	16.1	9.9	15.4	.0
3B52	***AFTER****	.444KV= 90.0% OF	.493KV	16.1	9.9	15.4	.0

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3V65B	***PRIOR****	2.0	.440KV= 95.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V65B	***DURING***	2.0	.440KV= 95.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V65B	***AFTER****	2.0	.440KV= 95.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3S230	***PRIOR****	7.0	.438KV= 95.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3S230	***DURING***	7.0	.438KV= 95.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3S230	***AFTER****	7.0	.438KV= 95.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B53	***PRIOR****	.455KV= 92.2% OF	.493KV	14.6	9.0	26.4	.0
3B53	***DURING***	.455KV= 92.2% OF	.493KV	14.6	9.0	26.4	.0
3B53	***AFTER****	.455KV= 92.2% OF	.493KV	14.6	9.0	26.4	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B54	***PRIOR****	.444KV= 90.0% OF	.493KV	14.6	9.0	23.1	.0
3B54	***DURING***	.444KV= 90.0% OF	.493KV	14.6	9.0	23.1	.0
3B54	***AFTER****	.444KV= 90.0% OF	.493KV	14.6	9.0	23.1	.0

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NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
2BUS113	***PRIOR****	233.785KV=100.3% OF233.000KV	.0	.0	.0	.0
2BUS113	***DURING***	231.885KV= 99.5% OF233.000KV	.0	.0	.0	.0
2BUS113	***AFTER****	233.572KV=100.2% OF233.000KV	.0	.0	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AA1	***PRIOR****	4.011KV= 96.4% OF 4.160KV	4110.5	2562.7	.0	.0
3AA1	***DURING***	3.357KV= 80.7% OF 4.160KV	9649.8	29072.2	.0	.0
3AA1	***AFTER****	3.945KV= 94.8% OF 4.160KV	9564.0	5218.3	.0	.0

STARTING MOTOR NAME		HP		
3P1A	***PRIOR****	.0	.000KV= .0% OF 4.000 KV	* MOTOR NOT STARTED YET *
3P1A	***DURING***	7000.0	3.288KV= 82.2% OF 4.000 KV	
3P1A	***AFTER****	7000.0	3.934KV= 98.4% OF 4.000 KV	

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AB1	***PRIOR****	3.960KV= 95.2% OF 4.160KV	8222.3	5129.7	.0	.0
3AB1	***DURING***	3.863KV= 92.9% OF 4.160KV	8222.3	5129.7	.0	.0
3AB1	***AFTER****	3.950KV= 94.9% OF 4.160KV	8222.3	5129.7	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AA2	***PRIOR****	3.965KV= 95.3% OF 4.160KV	5770.8	3260.8	.0	.0
3AA2	***DURING***	3.301KV= 79.3% OF 4.160KV	5770.8	3260.8	.0	.0
3AA2	***AFTER****	3.898KV= 93.7% OF 4.160KV	5770.8	3260.8	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AD	***PRIOR****	3.963KV= 95.3% OF 4.160KV	626.8	409.1	.0	.0
3AD	***DURING***	3.298KV= 79.3% OF 4.160KV	626.8	409.1	.0	.0
3AD	***AFTER****	3.896KV= 93.6% OF 4.160KV	626.8	409.1	.0	.0

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NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B01	***PRIOR****	.454KV= 92.2%	OF	.493KV	446.9	238.3	.0	.0
3B01	***DURING***	.372KV= 75.5%	OF	.493KV	446.9	238.3	.0	.0
3B01	***AFTER****	.446KV= 90.5%	OF	.493KV	446.9	238.3	.0	.0

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP									
3P201A	***PRIOR****	150.0	.445KV= 96.7%	OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P201A	***DURING***	150.0	.360KV= 78.3%	OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P201A	***AFTER****	150.0	.436KV= 94.9%	OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP									
3P214A	***PRIOR****	250.0	.448KV= 97.5%	OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P214A	***DURING***	250.0	.365KV= 79.3%	OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P214A	***AFTER****	250.0	.440KV= 95.7%	OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP									
3S6A	***PRIOR****	150.0	.444KV= 96.5%	OF	.460 KV	*	WARNING	WARNING	WARNING	*
3S6A	***DURING***	150.0	.359KV= 78.1%	OF	.460 KV	*	WARNING	WARNING	WARNING	*
3S6A	***AFTER****	150.0	.435KV= 94.7%	OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B03	***PRIOR****	.462KV= 93.7%	OF	.493KV	82.6	51.3	207.4	1.5
3B03	***DURING***	.382KV= 77.5%	OF	.493KV	82.6	51.3	141.7	1.0
3B03	***AFTER****	.454KV= 92.1%	OF	.493KV	82.6	51.3	200.3	1.5

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VOLTAGE DROP ANALYSIS CASE #= 9

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3P212	***PRIOR****	100.0	.454KV= 98.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P212	***DURING***	100.0	.372KV= 80.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P212	***AFTER****	100.0	.445KV= 96.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B05V	***PRIOR****	.454KV= 92.1% OF	.493KV	91.9	57.0	28.3	.0
3B05V	***DURING***	.372KV= 75.4% OF	.493KV	91.9	57.0	19.0	.0
3B05V	***AFTER****	.446KV= 90.4% OF	.493KV	91.9	57.0	27.3	.0

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3C2A	***PRIOR****	5.0	.449KV= 97.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3C2A	***DURING***	5.0	.366KV= 79.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3C2A	***AFTER****	5.0	.441KV= 95.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3P10	***PRIOR****	.8	.453KV= 98.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P10	***DURING***	.8	.371KV= 80.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P10	***AFTER****	.8	.445KV= 96.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3V1A	***PRIOR****	100.0	.443KV= 96.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V1A	***DURING***	100.0	.358KV= 77.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V1A	***AFTER****	100.0	.434KV= 94.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3V34	***PRIOR****	5.0	.450KV= 97.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V34	***DURING***	5.0	.366KV= 79.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V34	***AFTER****	5.0	.441KV= 95.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B05N	***PRIOR****	.452KV= 91.7% OF	.493KV	215.5	135.0	13.3	.0
3B05N	***DURING***	.369KV= 74.9% OF	.493KV	215.5	135.0	8.9	.0
3B05N	***AFTER****	.444KV= 90.0% OF	.493KV	215.5	135.0	12.8	.0

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3V14A	***PRIOR****	7.5	.440KV= 95.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V14A	***DURING***	7.5	.355KV= 77.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V14A	***AFTER****	7.5	.432KV= 93.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3V18	***PRIOR****	7.5	.446KV= 96.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V18	***DURING***	7.5	.362KV= 78.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V18	***AFTER****	7.5	.437KV= 95.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3V19A	***PRIOR****	15.0	.448KV= 97.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V19A	***DURING***	15.0	.365KV= 79.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V19A	***AFTER****	15.0	.440KV= 95.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3V31B	***PRIOR****	3.0	.449KV= 97.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V31B	***DURING***	3.0	.365KV= 79.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V31B	***AFTER****	3.0	.440KV= 95.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3V4	***PRIOR****	5.0	.447KV= 97.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V4	***DURING***	5.0	.363KV= 78.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V4	***AFTER****	5.0	.439KV= 95.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3V6A	***PRIOR****	7.5	.449KV=	97.5% OF	.460 KV	*	WARNING	WARNING	WARNING *
3V6A	***DURING***	7.5	.365KV=	79.3% OF	.460 KV	*	WARNING	WARNING	WARNING *
3V6A	***AFTER****	7.5	.440KV=	95.7% OF	.460 KV	*	WARNING	WARNING	WARNING *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
P51A	***PRIOR****	1.0	.451KV=	98.0% OF	.460 KV	*	WARNING	WARNING	WARNING *
P51A	***DURING***	1.0	.368KV=	79.9% OF	.460 KV	*	WARNING	WARNING	WARNING *
P51A	***AFTER****	1.0	.443KV=	96.2% OF	.460 KV	*	WARNING	WARNING	WARNING *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3X03	***PRIOR****	7.0	.451KV=	98.0% OF	.460 KV	*	WARNING	WARNING	WARNING *
3X03	***DURING***	7.0	.368KV=	79.9% OF	.460 KV	*	WARNING	WARNING	WARNING *
3X03	***AFTER****	7.0	.443KV=	96.2% OF	.460 KV	*	WARNING	WARNING	WARNING *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3X02	***PRIOR****	9.0	.451KV=	98.0% OF	.460 KV	*	WARNING	WARNING	WARNING *
3X02	***DURING***	9.0	.368KV=	80.0% OF	.460 KV	*	WARNING	WARNING	WARNING *
3X02	***AFTER****	9.0	.443KV=	96.2% OF	.460 KV	*	WARNING	WARNING	WARNING *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3X01	***PRIOR****	170.0	.449KV=	97.7% OF	.460 KV	*	WARNING	WARNING	WARNING *
3X01	***DURING***	170.0	.366KV=	79.6% OF	.460 KV	*	WARNING	WARNING	WARNING *
3X01	***AFTER****	170.0	.441KV=	95.9% OF	.460 KV	*	WARNING	WARNING	WARNING *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3P90C	***PRIOR****	2.0	.450KV=	97.9% OF	.460 KV	*	WARNING	WARNING	WARNING *
3P90C	***DURING***	2.0	.367KV=	79.8% OF	.460 KV	*	WARNING	WARNING	WARNING *
3P90C	***AFTER****	2.0	.442KV=	96.1% OF	.460 KV	*	WARNING	WARNING	WARNING *

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3P90B	***PRIOR****	2.0	.450KV= 97.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P90B	***DURING***	2.0	.367KV= 79.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P90B	***AFTER****	2.0	.442KV= 96.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3P90A	***PRIOR****	2.0	.450KV= 97.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P90A	***DURING***	2.0	.367KV= 79.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P90A	***AFTER****	2.0	.442KV= 96.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3XS75/7	***PRIOR****	20.0	.447KV= 97.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3XS75/7	***DURING***	20.0	.363KV= 78.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3XS75/7	***AFTER****	20.0	.439KV= 95.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B07	***PRIOR****	.453KV= 91.9% OF	.493KV	244.6	150.9	62.8	.3
3B07	***DURING***	.372KV= 75.4% OF	.493KV	244.6	150.9	42.2	.2
3B07	***AFTER****	.445KV= 90.3% OF	.493KV	244.6	150.9	60.6	.3

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3P203A	***PRIOR****	15.0	.452KV= 98.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P203A	***DURING***	15.0	.370KV= 80.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P203A	***AFTER****	15.0	.444KV= 96.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3V1C	***PRIOR****	100.0	.449KV= 97.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V1C	***DURING***	100.0	.366KV= 79.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V1C	***AFTER****	100.0	.441KV= 95.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP								
3V30C	***PRIOR****	30.0	.439KV=	95.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V30C	***DURING***	30.0	.354KV=	76.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V30C	***AFTER****	30.0	.430KV=	93.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP								
3V3C	***PRIOR****	75.0	.447KV=	97.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V3C	***DURING***	75.0	.363KV=	79.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V3C	***AFTER****	75.0	.438KV=	95.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP								
P207A	***PRIOR****	6.0	.450KV=	97.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*
P207A	***DURING***	6.0	.368KV=	80.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*
P207A	***AFTER****	6.0	.442KV=	96.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP								
T206	***PRIOR****	1.5	.452KV=	98.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*
T206	***DURING***	1.5	.370KV=	80.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*
T206	***AFTER****	1.5	.443KV=	96.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP								
3V2B	***PRIOR****	60.0	.445KV=	96.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V2B	***DURING***	60.0	.361KV=	78.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V2B	***AFTER****	60.0	.436KV=	94.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP								
3V65A	***PRIOR****	2.0	.450KV=	97.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V65A	***DURING***	2.0	.368KV=	79.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V65A	***AFTER****	2.0	.442KV=	96.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
P42A	***PRIOR****	7.5	.451KV= 98.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*
P42A	***DURING***	7.5	.369KV= 80.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*
P42A	***AFTER****	7.5	.443KV= 96.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B08V	***PRIOR****	.430KV= 87.2% OF	.493KV	319.3	196.4	1.6	.0
3B08V	***DURING***	.417KV= 84.6% OF	.493KV	319.3	196.4	1.5	.0
3B08V	***AFTER****	.428KV= 86.9% OF	.493KV	319.3	196.4	1.6	.0

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3V1D	***PRIOR****	100.0	.426KV= 92.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V1D	***DURING***	100.0	.413KV= 89.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V1D	***AFTER****	100.0	.424KV= 92.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3V30B	***PRIOR****	30.0	.415KV= 90.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V30B	***DURING***	30.0	.402KV= 87.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V30B	***AFTER****	30.0	.414KV= 89.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3V3B	***PRIOR****	75.0	.422KV= 91.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V3B	***DURING***	75.0	.409KV= 89.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V3B	***AFTER****	75.0	.421KV= 91.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
V11	***PRIOR****	10.0	.426KV= 92.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*
V11	***DURING***	10.0	.413KV= 89.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*
V11	***AFTER****	10.0	.425KV= 92.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
V29B    ***PRIOR****     1.0      .429KV= 93.2% OF    .460 KV     *  WARNING WARNING  WARNING  *
V29B    ***DURING***     1.0      .416KV= 90.4% OF    .460 KV     *  WARNING WARNING  WARNING  *
V29B    ***AFTER****     1.0      .427KV= 92.9% OF    .460 KV     *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
E16C/17***PRIOR****     34.0      .417KV= 90.7% OF    .460 KV     *  WARNING WARNING  WARNING  *
E16C/17***DURING***     34.0      .404KV= 87.8% OF    .460 KV     *  WARNING WARNING  WARNING  *
E16C/17***AFTER****     34.0      .416KV= 90.4% OF    .460 KV     *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
E16D    ***PRIOR****     36.0      .426KV= 92.7% OF    .460 KV     *  WARNING WARNING  WARNING  *
E16D    ***DURING***     36.0      .413KV= 89.9% OF    .460 KV     *  WARNING WARNING  WARNING  *
E16D    ***AFTER****     36.0      .425KV= 92.4% OF    .460 KV     *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
P42B    ***PRIOR****      3.0      .426KV= 92.6% OF    .460 KV     *  WARNING WARNING  WARNING  *
P42B    ***DURING***      3.0      .413KV= 89.8% OF    .460 KV     *  WARNING WARNING  WARNING  *
P42B    ***AFTER****      3.0      .425KV= 92.3% OF    .460 KV     *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
V77/E23***PRIOR****     36.0      .424KV= 92.2% OF    .460 KV     *  WARNING WARNING  WARNING  *
V77/E23***DURING***     36.0      .411KV= 89.4% OF    .460 KV     *  WARNING WARNING  WARNING  *
V77/E23***AFTER****     36.0      .423KV= 91.9% OF    .460 KV     *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
NS74B   ***PRIOR****    50.5      .422KV= 91.6% OF    .460 KV     *  WARNING WARNING  WARNING  *
NS74B   ***DURING***    50.5      .409KV= 88.8% OF    .460 KV     *  WARNING WARNING  WARNING  *
NS74B   ***AFTER****    50.5      .420KV= 91.3% OF    .460 KV     *  WARNING WARNING  WARNING  *
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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
S77B	***PRIOR****	3.4	.425KV= 92.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S77B	***DURING***	3.4	.412KV= 89.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S77B	***AFTER****	3.4	.423KV= 92.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
S78B	***PRIOR****	3.4	.425KV= 92.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S78B	***DURING***	3.4	.412KV= 89.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S78B	***AFTER****	3.4	.424KV= 92.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
S75B	***PRIOR****	5.0	.424KV= 92.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S75B	***DURING***	5.0	.411KV= 89.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S75B	***AFTER****	5.0	.422KV= 91.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B50	***PRIOR****	.433KV= 87.9% OF	.493KV	123.4	60.8	.0	.0
3B50	***DURING***	.421KV= 85.3% OF	.493KV	123.4	60.8	.0	.0
3B50	***AFTER****	.432KV= 87.6% OF	.493KV	123.4	60.8	.0	.0

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3P201C	***PRIOR****	150.0	.425KV= 92.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P201C	***DURING***	150.0	.412KV= 89.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P201C	***AFTER****	150.0	.423KV= 92.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AB2	***PRIOR****	3.917KV= 94.2% OF	4.160KV	5770.9	3261.1	.0	.0
3AB2	***DURING***	3.819KV= 91.8% OF	4.160KV	5770.9	3261.1	.0	.0
3AB2	***AFTER****	3.907KV= 93.9% OF	4.160KV	5770.9	3261.1	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B02	***PRIOR****	.456KV= 92.5% OF	.493KV	207.0	113.4	.0	.0
3B02	***DURING***	.444KV= 90.1% OF	.493KV	207.0	113.4	.0	.0
3B02	***AFTER****	.455KV= 92.2% OF	.493KV	207.0	113.4	.0	.0

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NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B04	***PRIOR****	.444KV= 90.1% OF	.493KV		323.7	171.8	.0	.0
3B04	***DURING***	.432KV= 87.6% OF	.493KV		323.7	171.8	.0	.0
3B04	***AFTER****	.443KV= 89.8% OF	.493KV		323.7	171.8	.0	.0

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3P214B	***PRIOR****	250.0	.437KV= 95.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P214B	***DURING***	250.0	.425KV= 92.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P214B	***AFTER****	250.0	.436KV= 94.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3S7B	***PRIOR****	150.0	.435KV= 94.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3S7B	***DURING***	150.0	.423KV= 91.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3S7B	***AFTER****	150.0	.434KV= 94.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B06	***PRIOR****	.451KV= 91.6% OF	.493KV		191.1	117.5	46.9	.1
3B06	***DURING***	.439KV= 89.1% OF	.493KV		191.1	117.5	44.4	.1
3B06	***AFTER****	.450KV= 91.3% OF	.493KV		191.1	117.5	46.6	.1

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3V30A	***PRIOR****	30.0	.440KV= 95.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V30A	***DURING***	30.0	.428KV= 93.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V30A	***AFTER****	30.0	.439KV= 95.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
B08W	***PRIOR****	.437KV= 88.7% OF	.493KV		117.9	72.4	20.0	11.7
B08W	***DURING***	.425KV= 86.2% OF	.493KV		117.9	72.4	18.9	11.1
B08W	***AFTER****	.436KV= 88.4% OF	.493KV		117.9	72.4	19.9	11.6

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NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B52	***PRIOR****	.444KV= 90.0%	OF	.493KV	16.1	9.9	15.4	.0
3B52	***DURING***	.431KV= 87.5%	OF	.493KV	16.1	9.9	14.5	.0
3B52	***AFTER****	.442KV= 89.7%	OF	.493KV	16.1	9.9	15.3	.0

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP								
3C2B	***PRIOR****	5.0	.443KV= 96.2%	OF	.460 KV	*	WARNING	WARNING	WARNING	*
3C2B	***DURING***	5.0	.430KV= 93.5%	OF	.460 KV	*	WARNING	WARNING	WARNING	*
3C2B	***AFTER****	5.0	.441KV= 95.9%	OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP								
3V65B	***PRIOR****	2.0	.440KV= 95.7%	OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V65B	***DURING***	2.0	.428KV= 93.0%	OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V65B	***AFTER****	2.0	.439KV= 95.4%	OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP								
3S230	***PRIOR****	7.0	.438KV= 95.3%	OF	.460 KV	*	WARNING	WARNING	WARNING	*
3S230	***DURING***	7.0	.426KV= 92.6%	OF	.460 KV	*	WARNING	WARNING	WARNING	*
3S230	***AFTER****	7.0	.437KV= 95.0%	OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B53	***PRIOR****	.455KV= 92.2%	OF	.493KV	14.6	9.0	26.4	.0
3B53	***DURING***	.372KV= 75.5%	OF	.493KV	14.6	9.0	17.7	.0
3B53	***AFTER****	.446KV= 90.5%	OF	.493KV	14.6	9.0	25.4	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B54	***PRIOR****	.444KV= 90.1%	OF	.493KV	14.6	9.0	23.1	.0
3B54	***DURING***	.432KV= 87.6%	OF	.493KV	14.6	9.0	21.9	.0
3B54	***AFTER****	.443KV= 89.8%	OF	.493KV	14.6	9.0	23.0	.0

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NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
2BUS113	***PRIOR****	233.974KV=100.4% OF233.000KV	.0	.0	.0	.0
2BUS113	***DURING***	232.231KV= 99.7% OF233.000KV	.0	.0	.0	.0
2BUS113	***AFTER****	233.748KV=100.3% OF233.000KV	.0	.0	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AA1	***PRIOR****	4.020KV= 96.6% OF 4.160KV	4110.5	2562.7	.0	.0
3AA1	***DURING***	3.932KV= 94.5% OF 4.160KV	4110.5	2562.7	.0	.0
3AA1	***AFTER****	4.009KV= 96.4% OF 4.160KV	4110.5	2562.7	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AB1	***PRIOR****	4.023KV= 96.7% OF 4.160KV	4111.2	2564.9	.0	.0
3AB1	***DURING***	3.407KV= 81.9% OF 4.160KV	9287.1	27384.4	.0	.0
3AB1	***AFTER****	3.948KV= 94.9% OF 4.160KV	8986.7	5610.4	.0	.0

STARTING MOTOR NAME		HP		
3P200B	***PRIOR****	.0	.000KV= .0% OF 4.000 KV	* MOTOR NOT STARTED YET *
3P200B	***DURING***	6000.0	3.292KV= 82.3% OF 4.000 KV	
3P200B	***AFTER****	6000.0	3.931KV= 98.3% OF 4.000 KV	

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AA2	***PRIOR****	3.975KV= 95.5% OF 4.160KV	5770.8	3260.8	.0	.0
3AA2	***DURING***	3.885KV= 93.4% OF 4.160KV	5770.8	3260.8	.0	.0
3AA2	***AFTER****	3.963KV= 95.3% OF 4.160KV	5770.8	3260.8	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AD	***PRIOR****	3.972KV= 95.5% OF 4.160KV	626.8	409.1	.0	.0
3AD	***DURING***	3.883KV= 93.3% OF 4.160KV	626.8	409.1	.0	.0
3AD	***AFTER****	3.961KV= 95.2% OF 4.160KV	626.8	409.1	.0	.0

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NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B01	***PRIOR****	.456KV= 92.4%	OF	.493KV	446.9	238.3	.0	.0
3B01	***DURING***	.445KV= 90.2%	OF	.493KV	446.9	238.3	.0	.0
3B01	***AFTER****	.454KV= 92.1%	OF	.493KV	446.9	238.3	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B03	***PRIOR****	.463KV= 93.9%	OF	.493KV	82.6	51.3	208.4	1.5
3B03	***DURING***	.452KV= 91.8%	OF	.493KV	82.6	51.3	198.9	1.4
3B03	***AFTER****	.462KV= 93.7%	OF	.493KV	82.6	51.3	207.2	1.5

NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B05V	***PRIOR****	.455KV= 92.3%	OF	.493KV	91.9	57.0	28.5	.0
3B05V	***DURING***	.444KV= 90.1%	OF	.493KV	91.9	57.0	27.1	.0
3B05V	***AFTER****	.454KV= 92.0%	OF	.493KV	91.9	57.0	28.3	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B05W	***PRIOR****	.453KV= 91.9%	OF	.493KV	215.5	135.0	13.4	.0
3B05W	***DURING***	.442KV= 89.7%	OF	.493KV	215.5	135.0	12.7	.0
3B05W	***AFTER****	.452KV= 91.7%	OF	.493KV	215.5	135.0	13.3	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B07	***PRIOR****	.454KV= 92.2%	OF	.493KV	244.6	150.9	63.2	.3
3B07	***DURING***	.444KV= 90.0%	OF	.493KV	244.6	150.9	60.2	.3
3B07	***AFTER****	.453KV= 91.9%	OF	.493KV	244.6	150.9	62.8	.3

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VOLTAGE DROP ANALYSIS CASE #=10

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3V30C	***PRIOR****	30.0	.440KV= 95.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V30C	***DURING***	30.0	.428KV= 93.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V30C	***AFTER****	30.0	.438KV= 95.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3808V	***PRIOR****	.438KV= 88.8% OF	.493KV	319.3	196.4	1.7	.0
3808V	***DURING***	.356KV= 72.2% OF	.493KV	319.3	196.4	1.1	.0
3808V	***AFTER****	.428KV= 86.9% OF	.493KV	319.3	196.4	1.6	.0

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3V1D	***PRIOR****	100.0	.434KV= 94.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V1D	***DURING***	100.0	.351KV= 76.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V1D	***AFTER****	100.0	.424KV= 92.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3V30B	***PRIOR****	30.0	.423KV= 92.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V30B	***DURING***	30.0	.338KV= 73.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V30B	***AFTER****	30.0	.413KV= 89.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3V3B	***PRIOR****	75.0	.430KV= 93.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V3B	***DURING***	75.0	.347KV= 75.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V3B	***AFTER****	75.0	.421KV= 91.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
V11	***PRIOR****	10.0	.434KV= 94.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*
V11	***DURING***	10.0	.351KV= 76.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*
V11	***AFTER****	10.0	.424KV= 92.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP								
V29B	***PRIOR****	1.0	.437KV=	95.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*
V29B	***DURING***	1.0	.355KV=	77.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*
V29B	***AFTER****	1.0	.427KV=	92.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP								
E16C/17	***PRIOR****	34.0	.425KV=	92.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*
E16C/17	***DURING***	34.0	.341KV=	74.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*
E16C/17	***AFTER****	34.0	.416KV=	90.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP								
E16D	***PRIOR****	36.0	.434KV=	94.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*
E16D	***DURING***	36.0	.352KV=	76.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*
E16D	***AFTER****	36.0	.425KV=	92.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP								
P42B	***PRIOR****	3.0	.434KV=	94.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*
P42B	***DURING***	3.0	.351KV=	76.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*
P42B	***AFTER****	3.0	.424KV=	92.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP								
V77/E23	***PRIOR****	36.0	.432KV=	94.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*
V77/E23	***DURING***	36.0	.349KV=	75.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*
V77/E23	***AFTER****	36.0	.422KV=	91.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP								
NS74B	***PRIOR****	50.5	.430KV=	93.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*
NS74B	***DURING***	50.5	.346KV=	75.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*
NS74B	***AFTER****	50.5	.420KV=	91.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
S77B	***PRIOR****	3.4	.433KV= 94.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S77B	***DURING***	3.4	.350KV= 76.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S77B	***AFTER****	3.4	.423KV= 92.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
S78B	***PRIOR****	3.4	.433KV= 94.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S78B	***DURING***	3.4	.350KV= 76.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S78B	***AFTER****	3.4	.424KV= 92.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
S75B	***PRIOR****	5.0	.432KV= 93.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S75B	***DURING***	5.0	.349KV= 75.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S75B	***AFTER****	5.0	.422KV= 91.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3850	***PRIOR****	.441KV= 89.5% OF	.493KV	123.4	60.8	.0	.0
3850	***DURING***	.360KV= 73.1% OF	.493KV	123.4	60.8	.0	.0
3850	***AFTER****	.432KV= 87.6% OF	.493KV	123.4	60.8	.0	.0

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3P201C	***PRIOR****	150.0	.433KV= 94.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P201C	***DURING***	150.0	.350KV= 76.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P201C	***AFTER****	150.0	.423KV= 92.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AB2	***PRIOR****	3.980KV= 95.7% OF	4.160KV	5770.9	3261.1	.0	.0
3AB2	***DURING***	3.355KV= 80.7% OF	4.160KV	5770.9	3261.1	.0	.0
3AB2	***AFTER****	3.905KV= 93.9% OF	4.160KV	5770.9	3261.1	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B02	***PRIOR****	.464KV= 94.0% OF	.493KV	207.0	113.4	.0	.0
3B02	***DURING***	.388KV= 78.7% OF	.493KV	207.0	113.4	.0	.0
3B02	***AFTER****	.455KV= 92.2% OF	.493KV	207.0	113.4	.0	.0

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3P201B	***PRIOR****	150.0	.451KV= 98.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P201B	***DURING***	150.0	.373KV= 81.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P201B	***AFTER****	150.0	.442KV= 96.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3V1B	***PRIOR****	100.0	.451KV= 98.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V1B	***DURING***	100.0	.373KV= 81.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V1B	***AFTER****	100.0	.442KV= 96.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B04	***PRIOR****	.452KV= 91.7% OF	.493KV	323.7	171.8	.0	.0
3B04	***DURING***	.373KV= 75.7% OF	.493KV	323.7	171.8	.0	.0
3B04	***AFTER****	.443KV= 89.8% OF	.493KV	323.7	171.8	.0	.0

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3P214B	***PRIOR****	250.0	.445KV= 96.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P214B	***DURING***	250.0	.365KV= 79.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P214B	***AFTER****	250.0	.436KV= 94.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3S7B	***PRIOR****	150.0	.443KV= 96.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3S7B	***DURING***	150.0	.363KV= 78.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3S7B	***AFTER****	150.0	.434KV= 94.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B06	***PRIOR****	.459KV= 93.1% OF	.493KV	191.1	117.5	48.4	.1
3B06	***DURING***	.383KV= 77.6% OF	.493KV	191.1	117.5	33.7	.1
3B06	***AFTER****	.450KV= 91.3% OF	.493KV	191.1	117.5	46.5	.1

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3V30A	***PRIOR****	30.0	.448KV= 97.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V30A	***DURING***	30.0	.370KV= 80.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V30A	***AFTER****	30.0	.439KV= 95.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3V3A	***PRIOR****	75.0	.453KV= 98.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V3A	***DURING***	75.0	.375KV= 81.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V3A	***AFTER****	75.0	.444KV= 96.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
E16A/17	***PRIOR****	34.0	.451KV= 98.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*
E16A/17	***DURING***	34.0	.373KV= 81.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*
E16A/17	***AFTER****	34.0	.442KV= 96.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
V88	***PRIOR****	40.0	.453KV= 98.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*
V88	***DURING***	40.0	.376KV= 81.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*
V88	***AFTER****	40.0	.444KV= 96.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
B08N	***PRIOR****	.445KV= 90.3% OF	.493KV	117.9	72.4	20.7	12.1
B08N	***DURING***	.365KV= 74.1% OF	.493KV	117.9	72.4	14.0	8.2
B08N	***AFTER****	.436KV= 88.4% OF	.493KV	117.9	72.4	19.9	11.6

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VOLTAGE DROP ANALYSIS CASE #=10

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3P204B	***PRIOR****	6.0	.442KV= 96.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P204B	***DURING***	6.0	.361KV= 78.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P204B	***AFTER****	6.0	.433KV= 94.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
P208	***PRIOR****	20.0	.441KV= 95.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*
P208	***DURING***	20.0	.360KV= 78.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*
P208	***AFTER****	20.0	.431KV= 93.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3P24B	***PRIOR****	3.0	.442KV= 96.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P24B	***DURING***	3.0	.362KV= 78.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P24B	***AFTER****	3.0	.433KV= 94.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
P20	***PRIOR****	.5	.444KV= 96.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*
P20	***DURING***	.5	.365KV= 79.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*
P20	***AFTER****	.5	.435KV= 94.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
P21	***PRIOR****	.5	.444KV= 96.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*
P21	***DURING***	.5	.365KV= 79.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*
P21	***AFTER****	.5	.435KV= 94.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3P25B	***PRIOR****	3.0	.443KV= 96.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P25B	***DURING***	3.0	.363KV= 79.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P25B	***AFTER****	3.0	.434KV= 94.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
P22	***PRIOR****	.5	.444KV= 96.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*
P22	***DURING***	.5	.365KV= 79.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*
P22	***AFTER****	.5	.435KV= 94.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
P220	***PRIOR****	3.0	.444KV= 96.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*
P220	***DURING***	3.0	.364KV= 79.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*
P220	***AFTER****	3.0	.434KV= 94.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4P16A	***PRIOR****	50.0	.440KV= 95.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4P16A	***DURING***	50.0	.359KV= 78.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4P16A	***AFTER****	50.0	.430KV= 93.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3P16A	***PRIOR****	50.0	.440KV= 95.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P16A	***DURING***	50.0	.359KV= 78.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P16A	***AFTER****	50.0	.430KV= 93.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3V36A	***PRIOR****	2.0	.444KV= 96.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V36A	***DURING***	2.0	.364KV= 79.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V36A	***AFTER****	2.0	.435KV= 94.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
V78	***PRIOR****	5.0	.443KV= 96.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*
V78	***DURING***	5.0	.362KV= 78.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*
V78	***AFTER****	5.0	.433KV= 94.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3852	***PRIOR****	.452KV= 91.6% OF	.493KV	16.1	9.9	15.9	.0
3852	***DURING***	.373KV= 75.6% OF	.493KV	16.1	9.9	10.8	.0
3852	***AFTER****	.442KV= 89.7% OF	.493KV	16.1	9.9	15.3	.0

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3C2B	***PRIOR****	5.0	.450KV= 97.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3C2B	***DURING***	5.0	.371KV= 80.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3C2B	***AFTER****	5.0	.441KV= 95.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3V34B	***PRIOR****	5.0	.451KV= 98.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V34B	***DURING***	5.0	.373KV= 81.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V34B	***AFTER****	5.0	.442KV= 96.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3P10B	***PRIOR****	.8	.451KV= 98.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P10B	***DURING***	.8	.373KV= 81.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P10B	***AFTER****	.8	.442KV= 96.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3V65B	***PRIOR****	2.0	.448KV= 97.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V65B	***DURING***	2.0	.368KV= 80.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V65B	***AFTER****	2.0	.439KV= 95.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3S230	***PRIOR****	7.0	.446KV= 97.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3S230	***DURING***	7.0	.366KV= 79.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3S230	***AFTER****	7.0	.437KV= 95.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B53	***PRIOR****	.456KV= 92.4% OF	.493KV	14.6	9.0	26.5	.0
3B53	***DURING***	.445KV= 90.2% OF	.493KV	14.6	9.0	25.2	.0
3B53	***AFTER****	.454KV= 92.2% OF	.493KV	14.6	9.0	26.3	.0

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NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR.
3B54	***PRIOR****	.452KV= 91.7% OF	.493KV	14.6	9.0	23.9	.0
3B54	***DURING***	.373KV= 75.7% OF	.493KV	14.6	9.0	16.3	.0
3B54	***AFTER****	.443KV= 89.8% OF	.493KV	14.6	9.0	23.0	.0

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NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
2BUS113	***PRIOR****	233.822KV=100.4% OF233.000KV	.0	.0	.0	.0
2BUS113	***DURING***	233.675KV=100.3% OF233.000KV	.0	.0	.0	.0
2BUS113	***AFTER****	233.804KV=100.3% OF233.000KV	.0	.0	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AA1	***PRIOR****	4.018KV= 96.6% OF 4.160KV	4110.5	2562.7	.0	.0
3AA1	***DURING***	3.988KV= 95.9% OF 4.160KV	4110.5	2562.7	.0	.0
3AA1	***AFTER****	4.014KV= 96.5% OF 4.160KV	4110.5	2562.7	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AB1	***PRIOR****	3.968KV= 95.4% OF 4.160KV	8222.3	5129.7	.0	.0
3AB1	***DURING***	3.938KV= 94.7% OF 4.160KV	8222.3	5129.7	.0	.0
3AB1	***AFTER****	3.964KV= 95.3% OF 4.160KV	8222.3	5129.7	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AA2	***PRIOR****	3.974KV= 95.5% OF 4.160KV	5770.8	3260.8	.0	.0
3AA2	***DURING***	3.932KV= 94.5% OF 4.160KV	5770.8	3260.8	.0	.0
3AA2	***AFTER****	3.970KV= 95.4% OF 4.160KV	5770.8	3260.8	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AD	***PRIOR****	3.972KV= 95.5% OF 4.160KV	626.8	409.1	.0	.0
3AD	***DURING***	3.930KV= 94.5% OF 4.160KV	626.8	409.1	.0	.0
3AD	***AFTER****	3.967KV= 95.4% OF 4.160KV	626.8	409.1	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B01	***PRIOR****	.461KV= 93.5% OF .493KV	247.0	138.7	.0	.0
3B01	***DURING***	.421KV= 85.4% OF .493KV	438.2	1212.3	.0	.0
3B01	***AFTER****	.457KV= 92.6% OF .493KV	446.9	238.3	.0	.0

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STARTING MOTOR NAME		HP				
3P214A	***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *	
3P214A	***DURING***	250.0	.380KV= 82.6% OF	.460 KV		
3P214A	***AFTER****	250.0	.451KV= 98.0% OF	.460 KV		

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B03	***PRIOR****	.465KV= 94.3% OF	.493KV	82.6	51.3	210.1	1.5
3B03	***DURING***	.460KV= 93.3% OF	.493KV	82.6	51.3	205.5	1.5
3B03	***AFTER****	.464KV= 94.2% OF	.493KV	82.6	51.3	209.6	1.5

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B05V	***PRIOR****	.461KV= 93.5% OF	.493KV	8.8	5.4	29.3	.0
3B05V	***DURING***	.421KV= 85.4% OF	.493KV	8.8	5.4	24.4	.0
3B05V	***AFTER****	.457KV= 92.7% OF	.493KV	8.8	5.4	28.7	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B05W	***PRIOR****	.459KV= 93.0% OF	.493KV	215.5	135.0	13.7	.0
3B05W	***DURING***	.419KV= 84.9% OF	.493KV	215.5	135.0	11.4	.0
3B05W	***AFTER****	.455KV= 92.2% OF	.493KV	215.5	135.0	13.5	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B07	***PRIOR****	.459KV= 93.1% OF	.493KV	162.8	100.1	64.4	.3
3B07	***DURING***	.454KV= 92.0% OF	.493KV	162.8	100.1	63.0	.3
3B07	***AFTER****	.458KV= 93.0% OF	.493KV	162.8	100.1	64.3	.3

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B08V	***PRIOR****	.440KV= 89.3% OF	.493KV	237.5	145.7	1.7	.0
3B08V	***DURING***	.399KV= 81.0% OF	.493KV	237.5	145.7	1.4	.0
3B08V	***AFTER****	.436KV= 88.4% OF	.493KV	237.5	145.7	1.6	.0

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3V30B	***PRIOR****	30.0	.426KV= 92.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V30B	***DURING***	30.0	.384KV= 83.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V30B	***AFTER****	30.0	.421KV= 91.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3V3B	***PRIOR****	75.0	.433KV= 94.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V3B	***DURING***	75.0	.391KV= 85.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V3B	***AFTER****	75.0	.428KV= 93.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
V11	***PRIOR****	10.0	.436KV= 94.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*
V11	***DURING***	10.0	.395KV= 85.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*
V11	***AFTER****	10.0	.432KV= 93.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
V29B	***PRIOR****	1.0	.439KV= 95.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*
V29B	***DURING***	1.0	.398KV= 86.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*
V29B	***AFTER****	1.0	.435KV= 94.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
E16C/17	***PRIOR****	34.0	.428KV= 93.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*
E16C/17	***DURING***	34.0	.386KV= 83.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*
E16C/17	***AFTER****	34.0	.423KV= 92.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
E16D    ***PRIOR****     36.0     .437KV= 94.9% OF    .460 KV    *  WARNING WARNING  WARNING  *
E16D    ***DURING***     36.0     .396KV= 86.0% OF    .460 KV    *  WARNING WARNING  WARNING  *
E16D    ***AFTER****     36.0     .432KV= 94.0% OF    .460 KV    *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
P42B    ***PRIOR****      3.0     .437KV= 94.9% OF    .460 KV    *  WARNING WARNING  WARNING  *
P42B    ***DURING***      3.0     .395KV= 85.9% OF    .460 KV    *  WARNING WARNING  WARNING  *
P42B    ***AFTER****      3.0     .432KV= 93.9% OF    .460 KV    *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
V77/E23***PRIOR****      36.0     .435KV= 94.5% OF    .460 KV    *  WARNING WARNING  WARNING  *
V77/E23***DURING***      36.0     .393KV= 85.5% OF    .460 KV    *  WARNING WARNING  WARNING  *
V77/E23***AFTER****      36.0     .430KV= 93.5% OF    .460 KV    *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
NS74B   ***PRIOR****     50.5     .432KV= 93.9% OF    .460 KV    *  WARNING WARNING  WARNING  *
NS74B   ***DURING***     50.5     .390KV= 84.9% OF    .460 KV    *  WARNING WARNING  WARNING  *
NS74B   ***AFTER****     50.5     .428KV= 93.0% OF    .460 KV    *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
S77B    ***PRIOR****      3.4     .435KV= 94.6% OF    .460 KV    *  WARNING WARNING  WARNING  *
S77B    ***DURING***      3.4     .394KV= 85.6% OF    .460 KV    *  WARNING WARNING  WARNING  *
S77B    ***AFTER****      3.4     .431KV= 93.6% OF    .460 KV    *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
S78B    ***PRIOR****      3.4     .436KV= 94.7% OF    .460 KV    *  WARNING WARNING  WARNING  *
S78B    ***DURING***      3.4     .394KV= 85.7% OF    .460 KV    *  WARNING WARNING  WARNING  *
S78B    ***AFTER****      3.4     .431KV= 93.7% OF    .460 KV    *  WARNING WARNING  WARNING  *
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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
S75B	***PRIOR****	5.0	.434KV= 94.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S75B	***DURING***	5.0	.393KV= 85.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S75B	***AFTER****	5.0	.430KV= 93.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B50	***PRIOR****	.443KV= 89.8% OF	.493KV	123.4	60.8	.0	.0
3B50	***DURING***	.402KV= 81.6% OF	.493KV	123.4	60.8	.0	.0
3B50	***AFTER****	.438KV= 88.9% OF	.493KV	123.4	60.8	.0	.0

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3P201C	***PRIOR****	150.0	.434KV= 94.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P201C	***DURING***	150.0	.393KV= 85.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P201C	***AFTER****	150.0	.430KV= 93.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AB2	***PRIOR****	3.927KV= 94.4% OF	4.160KV	5770.9	3261.1	.0	.0
3AB2	***DURING***	3.885KV= 93.4% OF	4.160KV	5770.9	3261.1	.0	.0
3AB2	***AFTER****	3.922KV= 94.3% OF	4.160KV	5770.9	3261.1	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B02	***PRIOR****	.459KV= 93.1% OF	.493KV	123.7	61.6	.0	.0
3B02	***DURING***	.454KV= 92.1% OF	.493KV	123.7	61.6	.0	.0
3B02	***AFTER****	.459KV= 93.0% OF	.493KV	123.7	61.6	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B04	***PRIOR****	.451KV= 91.5% OF	.493KV	123.5	77.5	.0	.0
3B04	***DURING***	.412KV= 83.5% OF	.493KV	305.1	1074.4	.0	.0
3B04	***AFTER****	.447KV= 90.6% OF	.493KV	323.7	171.8	.0	.0

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STARTING MOTOR NAME		HP				
3P214B	***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *	
3P214B	***DURING***	250.0	.365KV= 79.4% OF	.460 KV	* WARNING WARNING WARNING *	
3P214B	***AFTER****	250.0	.440KV= 95.6% OF	.460 KV	* WARNING WARNING WARNING .*	

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP				
3S7B	***PRIOR****	150.0	.443KV= 96.2% OF	.460 KV	* WARNING WARNING WARNING *	
3S7B	***DURING***	150.0	.402KV= 87.4% OF	.460 KV	* WARNING WARNING WARNING *	
3S7B	***AFTER****	150.0	.438KV= 95.2% OF	.460 KV	* WARNING WARNING WARNING *	

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B06	***PRIOR****	.454KV= 92.2% OF	.493KV	191.1	117.5	47.5	.1
3B06	***DURING***	.449KV= 91.1% OF	.493KV	191.1	117.5	46.4	.1
3B06	***AFTER****	.454KV= 92.0% OF	.493KV	191.1	117.5	47.3	.1

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
B08N	***PRIOR****	.445KV= 90.2% OF	.493KV	117.9	72.4	20.7	12.1
B08N	***DURING***	.404KV= 82.0% OF	.493KV	117.9	72.4	17.1	10.0
B08N	***AFTER****	.440KV= 89.3% OF	.493KV	117.9	72.4	20.3	11.9

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B52	***PRIOR****	.451KV= 91.5% OF	.493KV	16.1	9.9	15.9	.0
3B52	***DURING***	.411KV= 83.4% OF	.493KV	16.1	9.9	13.2	.0
3B52	***AFTER****	.447KV= 90.6% OF	.493KV	16.1	9.9	15.6	.0

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP				
3S230	***PRIOR****	7.0	.446KV= 96.9% OF	.460 KV	* WARNING WARNING WARNING *	
3S230	***DURING***	7.0	.405KV= 88.1% OF	.460 KV	* WARNING WARNING WARNING *	
3S230	***AFTER****	7.0	.441KV= 95.9% OF	.460 KV	* WARNING WARNING WARNING *	

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B53	***PRIOR****	.461KV= 93.5% OF	.493KV	14.6	9.0	27.1	.0
3B53	***DURING***	.421KV= 85.4% OF	.493KV	14.6	9.0	22.6	.0
3B53	***AFTER****	.457KV= 92.7% OF	.493KV	14.6	9.0	26.6	.0

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VOLTAGE DROP ANALYSIS CASE #=11

NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3854	***PRIOR****	.451KV=	91.5% OF	.493KV	14.6	9.0	23.9	.0
3854	***DURING***	.412KV=	83.5% OF	.493KV	14.6	9.0	19.8	.0
3854	***AFTER****	.447KV=	90.7% OF	.493KV	14.6	9.0	23.4	.0

**********END OF JOB**********

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VOLTAGE DROP ANALYSIS CASE #= 3

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP					
3P201C	***PRIOR****	150.0	.434KV= 94.4% OF	.460 KV	*	WARNING WARNING	WARNING *
3P201C	***DURING***	150.0	.392KV= 85.3% OF	.460 KV	*	WARNING WARNING	WARNING *
3P201C	***AFTER****	150.0	.430KV= 93.4% OF	.460 KV	*	WARNING WARNING	WARNING *

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AB2	***PRIOR****	3.927KV= 94.4% OF	4.160KV	5770.9	3261.1	.0	.0
3AB2	***DURING***	3.880KV= 93.3% OF	4.160KV	5770.9	3261.1	.0	.0
3AB2	***AFTER****	3.921KV= 94.3% OF	4.160KV	5770.9	3261.1	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B02	***PRIOR****	.458KV= 93.0% OF	.493KV	207.0	113.4	.0	.0
3B02	***DURING***	.449KV= 91.1% OF	.493KV	207.0	113.4	.0	.0
3B02	***AFTER****	.457KV= 92.7% OF	.493KV	207.0	113.4	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B04	***PRIOR****	.451KV= 91.5% OF	.493KV	123.5	77.5	.0	.0
3B04	***DURING***	.411KV= 83.4% OF	.493KV	304.5	1071.3	.0	.0
3B04	***AFTER****	.447KV= 90.6% OF	.493KV	323.7	171.8	.0	.0

STARTING MOTOR NAME		HP				
3P214B	***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *	
3P214B	***DURING***	250.0	.365KV= 79.3% OF	.460 KV	* WARNING WARNING	WARNING *
3P214B	***AFTER****	250.0	.440KV= 95.6% OF	.460 KV	* WARNING WARNING	WARNING *

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VOLTAGE DROP ANALYSIS CASE #= 3

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3S7B	***PRIOR****	150.0	.443KV= 96.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3S7B	***DURING***	150.0	.401KV= 87.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3S7B	***AFTER****	150.0	.438KV= 95.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B06	***PRIOR****	.455KV= 92.3% OF	.493KV	133.8	81.9	47.6	.1
3B06	***DURING***	.443KV= 89.8% OF	.493KV	202.1	194.7	45.1	.1
3B06	***AFTER****	.453KV= 92.0% OF	.493KV	158.8	97.1	47.3	.1

STARTING MOTOR NAME		HP			
3V30A	***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *
3V30A	***DURING***	30.0	.409KV= 88.9% OF	.460 KV	
3V30A	***AFTER****	30.0	.442KV= 96.2% OF	.460 KV	

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
MOV744B	***PRIOR****	10.3	.443KV= 96.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*
MOV744B	***DURING***	10.3	.430KV= 93.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*
MOV744B	***AFTER****	10.3	.441KV= 95.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
B08N	***PRIOR****	.444KV= 90.1% OF	.493KV	117.9	72.4	20.7	12.1
B08N	***DURING***	.404KV= 81.9% OF	.493KV	117.9	72.4	17.0	10.0
B08N	***AFTER****	.440KV= 89.2% OF	.493KV	117.9	72.4	20.2	11.9

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B52	***PRIOR****	.451KV= 91.4% OF	.493KV	16.1	9.9	15.9	.0
3B52	***DURING***	.411KV= 83.3% OF	.493KV	16.1	9.9	13.2	.0
3B52	***AFTER****	.446KV= 90.5% OF	.493KV	16.1	9.9	15.5	.0

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VOLTAGE DROP ANALYSIS CASE #= 3

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3S230	***PRIOR****	7.0	.446KV= 96.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3S230	***DURING***	7.0	.405KV= 88.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3S230	***AFTER****	7.0	.441KV= 95.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B53	***PRIOR****	.459KV= 93.1% OF	.493KV	14.6	9.0	26.9	.0
3B53	***DURING***	.418KV= 84.9% OF	.493KV	14.6	9.0	22.3	.0
3B53	***AFTER****	.455KV= 92.2% OF	.493KV	14.6	9.0	26.4	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B54	***PRIOR****	.451KV= 91.5% OF	.493KV	14.6	9.0	23.9	.0
3B54	***DURING***	.411KV= 83.3% OF	.493KV	14.6	9.0	19.8	.0
3B54	***AFTER****	.447KV= 90.6% OF	.493KV	14.6	9.0	23.4	.0

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VOLTAGE DROP ANALYSIS CASE #= 4

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
2BUS113	***PRIOR****	233.794KV=100.3% OF233.000KV	.0	.0	.0	.0
2BUS113	***DURING***	233.786KV=100.3% OF233.000KV	.0	.0	.0	.0
2BUS113	***AFTER****	233.793KV=100.3% OF233.000KV	.0	.0	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AA1	***PRIOR****	4.012KV= 96.4% OF 4.160KV	4110.5	2562.7	.0	.0
3AA1	***DURING***	4.011KV= 96.4% OF 4.160KV	4110.5	2562.7	.0	.0
3AA1	***AFTER****	4.012KV= 96.4% OF 4.160KV	4110.5	2562.7	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AB1	***PRIOR****	3.963KV= 95.3% OF 4.160KV	8222.3	5129.7	.0	.0
3AB1	***DURING***	3.960KV= 95.2% OF 4.160KV	8222.3	5129.7	.0	.0
3AB1	***AFTER****	3.962KV= 95.3% OF 4.160KV	8222.3	5129.7	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AA2	***PRIOR****	3.966KV= 95.3% OF 4.160KV	5770.8	3260.8	.0	.0
3AA2	***DURING***	3.966KV= 95.3% OF 4.160KV	5770.8	3260.8	.0	.0
3AA2	***AFTER****	3.966KV= 95.3% OF 4.160KV	5770.8	3260.8	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AD	***PRIOR****	3.964KV= 95.3% OF 4.160KV	626.8	409.1	.0	.0
3AD	***DURING***	3.963KV= 95.3% OF 4.160KV	626.8	409.1	.0	.0
3AD	***AFTER****	3.964KV= 95.3% OF 4.160KV	626.8	409.1	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B01	***PRIOR****	.454KV= 92.2% OF .493KV	446.9	238.3	.0	.0
3B01	***DURING***	.454KV= 92.2% OF .493KV	446.9	238.3	.0	.0
3B01	***AFTER****	.454KV= 92.2% OF .493KV	446.9	238.3	.0	.0

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NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B03	***PRIOR****	.463KV= 93.9% OF	.493KV	82.6	51.3	208.5	1.5
3B03	***DURING***	.463KV= 93.9% OF	.493KV	82.6	51.3	208.4	1.5
3B03	***AFTER****	.463KV= 93.9% OF	.493KV	82.6	51.3	208.4	1.5

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B05V	***PRIOR****	.454KV= 92.1% OF	.493KV	100.2	62.0	28.3	.0
3B05V	***DURING***	.454KV= 92.0% OF	.493KV	100.2	62.0	28.3	.0
3B05V	***AFTER****	.454KV= 92.1% OF	.493KV	100.2	62.0	28.3	.0

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

	HP				
MOV1420***PRIOR****	5.2	.441KV= 95.9% OF	.460 KV	* WARNING WARNING	WARNING *
MOV1420***DURING***	5.2	.441KV= 95.9% OF	.460 KV	* WARNING WARNING	WARNING *
MOV1420***AFTER****	5.2	.441KV= 95.9% OF	.460 KV	* WARNING WARNING	WARNING *

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B05N	***PRIOR****	.452KV= 91.7% OF	.493KV	215.5	135.0	13.3	.0
3B05N	***DURING***	.452KV= 91.7% OF	.493KV	215.5	135.0	13.3	.0
3B05N	***AFTER****	.452KV= 91.7% OF	.493KV	215.5	135.0	13.3	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B07	***PRIOR****	.456KV= 92.5% OF	.493KV	200.5	123.3	63.6	.3
3B07	***DURING***	.456KV= 92.5% OF	.493KV	200.5	123.3	63.5	.3
3B07	***AFTER****	.456KV= 92.5% OF	.493KV	200.5	123.3	63.6	.3

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VOLTAGE DROP ANALYSIS CASE #= 4

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3V30C	***PRIOR****	30.0	.441KV=	95.9% OF	.460 KV	*	WARNING	WARNING	WARNING *
3V30C	***DURING***	30.0	.441KV=	95.9% OF	.460 KV	*	WARNING	WARNING	WARNING *
3V30C	***AFTER****	30.0	.441KV=	95.9% OF	.460 KV	*	WARNING	WARNING	WARNING *

NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B08V	***PRIOR****	.436KV=	88.4% OF	.493KV	236.0	145.2	1.6	.0
3B08V	***DURING***	.427KV=	86.6% OF	.493KV	301.2	245.9	1.6	.0
3B08V	***AFTER****	.434KV=	88.0% OF	.493KV	261.3	160.4	1.6	.0

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3V1D	***PRIOR****	100.0	.431KV=	93.8% OF	.460 KV	*	WARNING	WARNING	WARNING *
3V1D	***DURING***	100.0	.423KV=	91.9% OF	.460 KV	*	WARNING	WARNING	WARNING *
3V1D	***AFTER****	100.0	.430KV=	93.4% OF	.460 KV	*	WARNING	WARNING	WARNING *

STARTING MOTOR NAME		HP							
3V30B	***PRIOR****	.0	.000KV=	.0% OF	.460 KV	* MOTOR NOT STARTED YET *			
3V30B	***DURING***	30.0	.386KV=	83.8% OF	.460 KV				
3V30B	***AFTER****	30.0	.419KV=	91.2% OF	.460 KV	*	WARNING	WARNING	WARNING *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
V11	***PRIOR****	10.0	.432KV=	93.9% OF	.460 KV	*	WARNING	WARNING	WARNING *
V11	***DURING***	10.0	.423KV=	91.9% OF	.460 KV	*	WARNING	WARNING	WARNING *
V11	***AFTER****	10.0	.430KV=	93.5% OF	.460 KV	*	WARNING	WARNING	WARNING *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
V29B	***PRIOR****	1.0	.435KV=	94.5% OF	.460 KV	*	WARNING	WARNING	WARNING *
V29B	***DURING***	1.0	.426KV=	92.6% OF	.460 KV	*	WARNING	WARNING	WARNING *
V29B	***AFTER****	1.0	.433KV=	94.1% OF	.460 KV	*	WARNING	WARNING	WARNING *

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
E16C/17	***PRIOR****	34.0	.423KV=	92.0% OF	.460 KV	*	WARNING	WARNING	WARNING *
E16C/17	***DURING***	34.0	.414KV=	90.0% OF	.460 KV	*	WARNING	WARNING	WARNING *
E16C/17	***AFTER****	34.0	.422KV=	91.6% OF	.460 KV	*	WARNING	WARNING	WARNING *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
E16D	***PRIOR****	36.0	.432KV=	93.9% OF	.460 KV	*	WARNING	WARNING	WARNING *
E16D	***DURING***	36.0	.423KV=	92.0% OF	.460 KV	*	WARNING	WARNING	WARNING *
E16D	***AFTER****	36.0	.430KV=	93.6% OF	.460 KV	*	WARNING	WARNING	WARNING *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
P42B	***PRIOR****	3.0	.432KV=	93.9% OF	.460 KV	*	WARNING	WARNING	WARNING *
P42B	***DURING***	3.0	.423KV=	92.0% OF	.460 KV	*	WARNING	WARNING	WARNING *
P42B	***AFTER****	3.0	.430KV=	93.5% OF	.460 KV	*	WARNING	WARNING	WARNING *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
V77/E23	***PRIOR****	36.0	.430KV=	93.5% OF	.460 KV	*	WARNING	WARNING	WARNING *
V77/E23	***DURING***	36.0	.421KV=	91.5% OF	.460 KV	*	WARNING	WARNING	WARNING *
V77/E23	***AFTER****	36.0	.428KV=	93.1% OF	.460 KV	*	WARNING	WARNING	WARNING *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
NS74B	***PRIOR****	50.5	.427KV=	92.9% OF	.460 KV	*	WARNING	WARNING	WARNING *
NS74B	***DURING***	50.5	.418KV=	91.0% OF	.460 KV	*	WARNING	WARNING	WARNING *
NS74B	***AFTER****	50.5	.426KV=	92.6% OF	.460 KV	*	WARNING	WARNING	WARNING *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
S77B	***PRIOR****	3.4	.431KV=	93.6% OF	.460 KV	*	WARNING	WARNING	WARNING *
S77B	***DURING***	3.4	.422KV=	91.6% OF	.460 KV	*	WARNING	WARNING	WARNING *
S77B	***AFTER****	3.4	.429KV=	93.2% OF	.460 KV	*	WARNING	WARNING	WARNING *

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
S788	***PRIOR****	3.4	.431KV= 93.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S788	***DURING***	3.4	.422KV= 91.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S788	***AFTER****	3.4	.429KV= 93.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
S75B	***PRIOR****	5.0	.430KV= 93.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S75B	***DURING***	5.0	.421KV= 91.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S75B	***AFTER****	5.0	.428KV= 93.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
MOV1404	***PRIOR****	.3	.435KV= 94.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*
MOV1404	***DURING***	.3	.426KV= 92.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*
MOV1404	***AFTER****	.3	.433KV= 94.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
MOV1417	***PRIOR****	1.5	.433KV= 94.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*
MOV1417	***DURING***	1.5	.424KV= 92.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*
MOV1417	***AFTER****	1.5	.432KV= 93.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
MOV6552	***PRIOR****	.1	.435KV= 94.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*
MOV6552	***DURING***	.1	.426KV= 92.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*
MOV6552	***AFTER****	.1	.434KV= 94.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
MOV6543	***PRIOR****	.1	.435KV= 94.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*
MOV6543	***DURING***	.1	.427KV= 92.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*
MOV6543	***AFTER****	.1	.434KV= 94.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3850	***PRIOR****	.438KV= 88.9% OF	.493KV	123.4	60.8	.0	.0
3850	***DURING***	.431KV= 87.3% OF	.493KV	123.4	60.8	.0	.0
3850	***AFTER****	.437KV= 88.6% OF	.493KV	123.4	60.8	.0	.0

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VOLTAGE DROP ANALYSIS CASE #= 4

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3P201C	***PRIOR****	150.0	.430KV= 93.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P201C	***DURING***	150.0	.422KV= 91.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P201C	***AFTER****	150.0	.428KV= 93.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AB2	***PRIOR****	3.921KV= 94.3% OF	4.160KV	5770.9	3261.1	.0	.0
3AB2	***DURING***	3.917KV= 94.1% OF	4.160KV	5770.9	3261.1	.0	.0
3AB2	***AFTER****	3.920KV= 94.2% OF	4.160KV	5770.9	3261.1	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B02	***PRIOR****	.457KV= 92.7% OF	.493KV	207.0	113.4	.0	.0
3B02	***DURING***	.457KV= 92.6% OF	.493KV	207.0	113.4	.0	.0
3B02	***AFTER****	.457KV= 92.7% OF	.493KV	207.0	113.4	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B04	***PRIOR****	.447KV= 90.6% OF	.493KV	323.7	171.8	.0	.0
3B04	***DURING***	.442KV= 89.7% OF	.493KV	323.7	171.8	.0	.0
3B04	***AFTER****	.446KV= 90.5% OF	.493KV	323.7	171.8	.0	.0

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3P214B	***PRIOR****	250.0	.440KV= 95.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P214B	***DURING***	250.0	.435KV= 94.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P214B	***AFTER****	250.0	.439KV= 95.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*

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VOLTAGE DROP ANALYSIS CASE #= 4

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3S7B	***PRIOR****	150.0	.438KV= 95.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3S7B	***DURING***	150.0	.434KV= 94.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3S7B	***AFTER****	150.0	.437KV= 95.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3806	***PRIOR****	.453KV= 92.0% OF	.493KV	158.8	97.1	47.3	.1
3806	***DURING***	.453KV= 91.8% OF	.493KV	158.8	97.1	47.1	.1
3806	***AFTER****	.453KV= 91.9% OF	.493KV	158.8	97.1	47.2	.1

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
MOV744B	***PRIOR****	10.3	.441KV= 95.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*
MOV744B	***DURING***	10.3	.441KV= 95.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*
MOV744B	***AFTER****	10.3	.441KV= 95.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
808N	***PRIOR****	.440KV= 89.2% OF	.493KV	117.9	72.4	20.2	11.9
808N	***DURING***	.436KV= 88.4% OF	.493KV	117.9	72.4	19.8	11.6
808N	***AFTER****	.439KV= 89.1% OF	.493KV	117.9	72.4	20.2	11.8

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3852	***PRIOR****	.446KV= 90.5% OF	.493KV	16.1	9.9	15.5	.0
3852	***DURING***	.442KV= 89.7% OF	.493KV	16.1	9.9	15.2	.0
3852	***AFTER****	.446KV= 90.4% OF	.493KV	16.1	9.9	15.5	.0

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3S230	***PRIOR****	7.0	.441KV= 95.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3S230	***DURING***	7.0	.437KV= 94.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3S230	***AFTER****	7.0	.440KV= 95.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3853	***PRIOR****	.455KV= 92.2% OF	.493KV	14.6	9.0	26.4	.0
3853	***DURING***	.454KV= 92.2% OF	.493KV	14.6	9.0	26.4	.0
3853	***AFTER****	.455KV= 92.2% OF	.493KV	14.6	9.0	26.4	.0

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VOLTAGE DROP ANALYSIS CASE #= 4

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B54	***PRIOR****	.447KV= 90.6% OF	.493KV	14.6	9.0	23.4	.0
3B54	***DURING***	.442KV= 89.7% OF	.493KV	14.6	9.0	22.9	.0
3B54	***AFTER****	.446KV= 90.5% OF	.493KV	14.6	9.0	23.3	.0

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VOLTAGE DROP ANALYSIS CASE #= 5

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
2BUS113	***PRIOR****	233.793KV=100.3% OF233.000KV	.0	.0	.0	.0
2BUS113	***DURING***	233.793KV=100.3% OF233.000KV	.0	.0	.0	.0
2BUS113	***AFTER****	233.793KV=100.3% OF233.000KV	.0	.0	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AA1	***PRIOR****	4.012KV= 96.4% OF 4.160KV	4110.5	2562.7	.0	.0
3AA1	***DURING***	4.012KV= 96.4% OF 4.160KV	4110.5	2562.7	.0	.0
3AA1	***AFTER****	4.012KV= 96.4% OF 4.160KV	4110.5	2562.7	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AB1	***PRIOR****	3.962KV= 95.3% OF 4.160KV	8222.3	5129.7	.0	.0
3AB1	***DURING***	3.962KV= 95.3% OF 4.160KV	8222.3	5129.7	.0	.0
3AB1	***AFTER****	3.962KV= 95.3% OF 4.160KV	8222.3	5129.7	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AA2	***PRIOR****	3.966KV= 95.3% OF 4.160KV	5770.8	3260.8	.0	.0
3AA2	***DURING***	3.966KV= 95.3% OF 4.160KV	5770.8	3260.8	.0	.0
3AA2	***AFTER****	3.966KV= 95.3% OF 4.160KV	5770.8	3260.8	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AD	***PRIOR****	3.964KV= 95.3% OF 4.160KV	626.8	409.1	.0	.0
3AD	***DURING***	3.964KV= 95.3% OF 4.160KV	626.8	409.1	.0	.0
3AD	***AFTER****	3.964KV= 95.3% OF 4.160KV	626.8	409.1	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B01	***PRIOR****	.454KV= 92.2% OF .493KV	446.9	238.3	.0	.0
3B01	***DURING***	.454KV= 92.2% OF .493KV	446.9	238.3	.0	.0
3B01	***AFTER****	.454KV= 92.2% OF .493KV	446.9	238.3	.0	.0

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VOLTAGE DROP ANALYSIS CASE #= 5

NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B03	***PRIOR****	.463KV=	93.9% OF	.493KV	82.6	51.3	208.4	1.5
3B03	***DURING***	.463KV=	93.9% OF	.493KV	82.6	51.3	208.4	1.5
3B03	***AFTER****	.463KV=	93.9% OF	.493KV	82.6	51.3	208.4	1.5

NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B05V	***PRIOR****	.454KV=	92.1% OF	.493KV	100.2	62.0	28.3	.0
3B05V	***DURING***	.454KV=	92.1% OF	.493KV	100.2	62.0	28.3	.0
3B05V	***AFTER****	.454KV=	92.1% OF	.493KV	100.2	62.0	28.3	.0

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

	HP							
MOV1420***PRIOR****	5.2	.441KV=	95.9% OF	.460 KV	*	WARNING	WARNING	WARNING *
MOV1420***DURING***	5.2	.441KV=	95.9% OF	.460 KV	*	WARNING	WARNING	WARNING *
MOV1420***AFTER****	5.2	.441KV=	95.9% OF	.460 KV	*	WARNING	WARNING	WARNING *

NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B05N	***PRIOR****	.452KV=	91.7% OF	.493KV	215.5	135.0	13.3	.0
3B05N	***DURING***	.452KV=	91.7% OF	.493KV	215.5	135.0	13.3	.0
3B05N	***AFTER****	.452KV=	91.7% OF	.493KV	215.5	135.0	13.3	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B07	***PRIOR****	.456KV=	92.5% OF	.493KV	200.5	123.3	63.6	.3
3B07	***DURING***	.456KV=	92.5% OF	.493KV	200.5	123.3	63.6	.3
3B07	***AFTER****	.456KV=	92.5% OF	.493KV	200.5	123.3	63.6	.3

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VOLTAGE DROP ANALYSIS CASE #= 5

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP						
3V30C	***PRIOR****	30.0	.441KV= 95.9% OF	.460 KV	*	WARNING	WARNING	WARNING *
3V30C	***DURING***	30.0	.441KV= 95.9% OF	.460 KV	*	WARNING	WARNING	WARNING *
3V30C	***AFTER****	30.0	.441KV= 95.9% OF	.460 KV	*	WARNING	WARNING	WARNING *

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B08V	***PRIOR****	.434KV= 88.0% OF	.493KV	261.3	160.4	1.6	.0
3B08V	***DURING***	.434KV= 88.0% OF	.493KV	261.3	160.4	1.6	.0
3B08V	***AFTER****	.434KV= 88.0% OF	.493KV	261.3	160.4	1.6	.0

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP						
3V1D	***PRIOR****	100.0	.430KV= 93.4% OF	.460 KV	*	WARNING	WARNING	WARNING *
3V1D	***DURING***	100.0	.430KV= 93.4% OF	.460 KV	*	WARNING	WARNING	WARNING *
3V1D	***AFTER****	100.0	.430KV= 93.4% OF	.460 KV	*	WARNING	WARNING	WARNING *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP						
3V30B	***PRIOR****	30.0	.419KV= 91.2% OF	.460 KV	*	WARNING	WARNING	WARNING *
3V30B	***DURING***	30.0	.419KV= 91.2% OF	.460 KV	*	WARNING	WARNING	WARNING *
3V30B	***AFTER****	30.0	.419KV= 91.2% OF	.460 KV	*	WARNING	WARNING	WARNING *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP						
V11	***PRIOR****	10.0	.430KV= 93.5% OF	.460 KV	*	WARNING	WARNING	WARNING *
V11	***DURING***	10.0	.430KV= 93.5% OF	.460 KV	*	WARNING	WARNING	WARNING *
V11	***AFTER****	10.0	.430KV= 93.5% OF	.460 KV	*	WARNING	WARNING	WARNING *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP						
V29B	***PRIOR****	1.0	.433KV= 94.1% OF	.460 KV	*	WARNING	WARNING	WARNING *
V29B	***DURING***	1.0	.433KV= 94.1% OF	.460 KV	*	WARNING	WARNING	WARNING *
V29B	***AFTER****	1.0	.433KV= 94.1% OF	.460 KV	*	WARNING	WARNING	WARNING *

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VOLTAGE DROP ANALYSIS CASE #= 5

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
E16C/17	***PRIOR****	34.0	.422KV=	91.6% OF	.460 KV	*	WARNING WARNING	WARNING	*
E16C/17	***DURING***	34.0	.422KV=	91.6% OF	.460 KV	*	WARNING WARNING	WARNING	*
E16C/17	***AFTER****	34.0	.422KV=	91.6% OF	.460 KV	*	WARNING WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
E16D	***PRIOR****	36.0	.430KV=	93.6% OF	.460 KV	*	WARNING WARNING	WARNING	*
E16D	***DURING***	36.0	.430KV=	93.6% OF	.460 KV	*	WARNING WARNING	WARNING	*
E16D	***AFTER****	36.0	.430KV=	93.6% OF	.460 KV	*	WARNING WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
P42B	***PRIOR****	3.0	.430KV=	93.5% OF	.460 KV	*	WARNING WARNING	WARNING	*
P42B	***DURING***	3.0	.430KV=	93.5% OF	.460 KV	*	WARNING WARNING	WARNING	*
P42B	***AFTER****	3.0	.430KV=	93.5% OF	.460 KV	*	WARNING WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
V77/E23	***PRIOR****	36.0	.428KV=	93.1% OF	.460 KV	*	WARNING WARNING	WARNING	*
V77/E23	***DURING***	36.0	.428KV=	93.1% OF	.460 KV	*	WARNING WARNING	WARNING	*
V77/E23	***AFTER****	36.0	.428KV=	93.1% OF	.460 KV	*	WARNING WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
NS74B	***PRIOR****	50.5	.426KV=	92.6% OF	.460 KV	*	WARNING WARNING	WARNING	*
NS74B	***DURING***	50.5	.426KV=	92.6% OF	.460 KV	*	WARNING WARNING	WARNING	*
NS74B	***AFTER****	50.5	.426KV=	92.6% OF	.460 KV	*	WARNING WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
S77B	***PRIOR****	3.4	.429KV=	93.2% OF	.460 KV	*	WARNING WARNING	WARNING	*
S77B	***DURING***	3.4	.429KV=	93.2% OF	.460 KV	*	WARNING WARNING	WARNING	*
S77B	***AFTER****	3.4	.429KV=	93.2% OF	.460 KV	*	WARNING WARNING	WARNING	*

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VOLTAGE DROP ANALYSIS CASE #= 5

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
S788	***PRIOR****	3.4	.429KV= 93.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S788	***DURING***	3.4	.429KV= 93.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S788	***AFTER****	3.4	.429KV= 93.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
S75B	***PRIOR****	5.0	.428KV= 93.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S75B	***DURING***	5.0	.428KV= 93.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S75B	***AFTER****	5.0	.428KV= 93.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
MOV1404	***PRIOR****	.3	.433KV= 94.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*
MOV1404	***DURING***	.3	.433KV= 94.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*
MOV1404	***AFTER****	.3	.433KV= 94.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
MOV1417	***PRIOR****	1.5	.432KV= 93.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*
MOV1417	***DURING***	1.5	.432KV= 93.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*
MOV1417	***AFTER****	1.5	.432KV= 93.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
MOV6552	***PRIOR****	.1	.434KV= 94.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*
MOV6552	***DURING***	.1	.434KV= 94.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*
MOV6552	***AFTER****	.1	.434KV= 94.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
MOV6543	***PRIOR****	.1	.434KV= 94.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*
MOV6543	***DURING***	.1	.434KV= 94.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*
MOV6543	***AFTER****	.1	.434KV= 94.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3850	***PRIOR****	.437KV= 88.6% OF	.493KV	123.4	60.8	.0	.0
3850	***DURING***	.437KV= 88.6% OF	.493KV	123.4	60.8	.0	.0
3850	***AFTER****	.437KV= 88.6% OF	.493KV	123.4	60.8	.0	.0

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VOLTAGE DROP ANALYSIS CASE #= 5

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3P201C	***PRIOR****	150.0	.428KV= 93.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P201C	***DURING***	150.0	.428KV= 93.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P201C	***AFTER****	150.0	.428KV= 93.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AB2	***PRIOR****	3.920KV= 94.2% OF	4.160KV	5770.9	3261.1	.0	.0
3AB2	***DURING***	3.920KV= 94.2% OF	4.160KV	5770.9	3261.1	.0	.0
3AB2	***AFTER****	3.920KV= 94.2% OF	4.160KV	5770.9	3261.1	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B02	***PRIOR****	.457KV= 92.7% OF	.493KV	207.0	113.4	.0	.0
3B02	***DURING***	.457KV= 92.7% OF	.493KV	207.0	113.4	.0	.0
3B02	***AFTER****	.457KV= 92.7% OF	.493KV	207.0	113.4	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B04	***PRIOR****	.446KV= 90.5% OF	.493KV	323.7	171.8	.0	.0
3B04	***DURING***	.446KV= 90.5% OF	.493KV	323.7	171.8	.0	.0
3B04	***AFTER****	.446KV= 90.5% OF	.493KV	323.7	171.8	.0	.0

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3P214B	***PRIOR****	250.0	.439KV= 95.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P214B	***DURING***	250.0	.439KV= 95.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P214B	***AFTER****	250.0	.439KV= 95.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*

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VOLTAGE DROP ANALYSIS CASE #= 5

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP						
3S7B	***PRIOR****	150.0	.437KV= 95.0% OF	.460 KV	*	WARNING	WARNING	WARNING *
3S7B	***DURING***	150.0	.437KV= 95.0% OF	.460 KV	*	WARNING	WARNING	WARNING *
3S7B	***AFTER****	150.0	.437KV= 95.0% OF	.460 KV	*	WARNING	WARNING	WARNING *

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B06	***PRIOR****	.453KV= 91.9% OF	.493KV	158.8	97.1	47.2	.1
3B06	***DURING***	.453KV= 91.9% OF	.493KV	158.8	97.1	47.2	.1
3B06	***AFTER****	.453KV= 91.9% OF	.493KV	158.8	97.1	47.2	.1

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP						
MOV744B	***PRIOR****	10.3	.441KV= 95.9% OF	.460 KV	*	WARNING	WARNING	WARNING *
MOV744B	***DURING***	10.3	.441KV= 95.9% OF	.460 KV	*	WARNING	WARNING	WARNING *
MOV744B	***AFTER****	10.3	.441KV= 95.9% OF	.460 KV	*	WARNING	WARNING	WARNING *

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
B08N	***PRIOR****	.439KV= 89.1% OF	.493KV	117.9	72.4	20.2	11.8
B08N	***DURING***	.439KV= 89.1% OF	.493KV	117.9	72.4	20.2	11.8
B08N	***AFTER****	.439KV= 89.1% OF	.493KV	117.9	72.4	20.2	11.8

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B52	***PRIOR****	.446KV= 90.4% OF	.493KV	16.1	9.9	15.5	.0
3B52	***DURING***	.446KV= 90.4% OF	.493KV	16.1	9.9	15.5	.0
3B52	***AFTER****	.446KV= 90.4% OF	.493KV	16.1	9.9	15.5	.0

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP						
3S230	***PRIOR****	7.0	.440KV= 95.7% OF	.460 KV	*	WARNING	WARNING	WARNING *
3S230	***DURING***	7.0	.440KV= 95.7% OF	.460 KV	*	WARNING	WARNING	WARNING *
3S230	***AFTER****	7.0	.440KV= 95.7% OF	.460 KV	*	WARNING	WARNING	WARNING *

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B53	***PRIOR****	.455KV= 92.2% OF	.493KV	14.6	9.0	26.4	.0
3B53	***DURING***	.455KV= 92.2% OF	.493KV	14.6	9.0	26.4	.0
3B53	***AFTER****	.455KV= 92.2% OF	.493KV	14.6	9.0	26.4	.0

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VOLTAGE DROP ANALYSIS CASE #= 5

NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B54	***PRIOR****	.446KV=	90.5% OF	.493KV	14.6	9.0	23.3	.0
3B54	***DURING***	.446KV=	90.5% OF	.493KV	14.6	9.0	23.3	.0
3B54	***AFTER****	.446KV=	90.5% OF	.493KV	14.6	9.0	23.3	.0

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VOLTAGE DROP ANALYSIS CASE #= 6

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
2BUS113	***PRIOR****	233.796KV=100.3% OF233.000KV	.0	.0	.0	.0
2BUS113	***DURING***	233.748KV=100.3% OF233.000KV	.0	.0	.0	.0
2BUS113	***AFTER****	233.789KV=100.3% OF233.000KV	.0	.0	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AA1	***PRIOR****	4.012KV= 96.5% OF 4.160KV	4110.5	2562.7	.0	.0
3AA1	***DURING***	4.003KV= 96.2% OF 4.160KV	4110.5	2562.7	.0	.0
3AA1	***AFTER****	4.011KV= 96.4% OF 4.160KV	4110.5	2562.7	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AB1	***PRIOR****	3.963KV= 95.3% OF 4.160KV	8222.3	5129.7	.0	.0
3AB1	***DURING***	3.953KV= 95.0% OF 4.160KV	8222.3	5129.7	.0	.0
3AB1	***AFTER****	3.962KV=-95.2% OF 4.160KV	8222.3	5129.7	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AA2	***PRIOR****	3.967KV= 95.4% OF 4.160KV	5770.8	3260.8	.0	.0
3AA2	***DURING***	3.954KV= 95.0% OF 4.160KV	5770.8	3260.8	.0	.0
3AA2	***AFTER****	3.965KV= 95.3% OF 4.160KV	5770.8	3260.8	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AD	***PRIOR****	3.965KV= 95.3% OF 4.160KV	626.8	409.1	.0	.0
3AD	***DURING***	3.951KV= 95.0% OF 4.160KV	626.8	409.1	.0	.0
3AD	***AFTER****	3.963KV= 95.3% OF 4.160KV	626.8	409.1	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B01	***PRIOR****	.455KV= 92.2% OF .493KV	446.9	238.3	.0	.0
3B01	***DURING***	.453KV= 91.9% OF .493KV	446.9	238.3	.0	.0
3B01	***AFTER****	.454KV= 92.2% OF .493KV	446.9	238.3	.0	.0

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VOLTAGE DROP ANALYSIS CASE #= 6

NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3803	***PRIOR****	.464KV= 94.0% OF	.493KV		82.6	51.3	208.9	1.5
3803	***DURING***	.451KV= 91.5% OF	.493KV		82.6	51.3	197.8	1.4
3803	***AFTER****	.462KV= 93.7% OF	.493KV		82.6	51.3	207.4	1.5

NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3805V	***PRIOR****	.454KV= 92.1% OF	.493KV		91.9	57.0	28.4	.0
3805V	***DURING***	.453KV= 91.8% OF	.493KV		91.9	57.0	28.2	.0
3805V	***AFTER****	.454KV= 92.1% OF	.493KV		91.9	57.0	28.3	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3805N	***PRIOR****	.452KV= 91.8% OF	.493KV		215.5	135.0	13.3	.0
3805N	***DURING***	.451KV= 91.4% OF	.493KV		215.5	135.0	13.2	.0
3805N	***AFTER****	.452KV=-91.7% OF	.493KV		215.5	135.0	13.3	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3807	***PRIOR****	.457KV= 92.7% OF	.493KV		182.9	112.6	63.9	.3
3807	***DURING***	.432KV= 87.7% OF	.493KV		323.7	440.5	57.2	.3
3807	***AFTER****	.453KV= 91.9% OF	.493KV		244.6	150.9	62.8	.3

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP				
3V30C	***PRIOR****	30.0	.442KV= 96.2% OF	.460 KV	*	WARNING WARNING WARNING *
3V30C	***DURING***	30.0	.417KV= 90.6% OF	.460 KV	*	WARNING WARNING WARNING *
3V30C	***AFTER****	30.0	.439KV= 95.3% OF	.460 KV	*	WARNING WARNING WARNING *

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STARTING MOTOR NAME		HP				
3V3C	***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *	
3V3C	***DURING***	75.0	.403KV= 87.6% OF	.460 KV		
3V3C	***AFTER****	75.0	.447KV= 97.1% OF	.460 KV		

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B08V	***PRIOR****	.434KV= 88.1% OF	.493KV	257.5	158.1	1.6	.0
3B08V	***DURING***	.433KV= 87.7% OF	.493KV	257.5	158.1	1.6	.0
3B08V	***AFTER****	.434KV= 88.1% OF	.493KV	257.5	158.1	1.6	.0

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP			
3V1D	***PRIOR****	100.0	.430KV= 93.5% OF	.460 KV	* WARNING WARNING WARNING *
3V1D	***DURING***	100.0	.428KV= 93.1% OF	.460 KV	* WARNING WARNING WARNING *
3V1D	***AFTER****	100.0	.430KV= 93.5% OF	.460 KV	* WARNING WARNING WARNING *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP			
3V30B	***PRIOR****	30.0	.420KV= 91.3% OF	.460 KV	* WARNING WARNING WARNING *
3V30B	***DURING***	30.0	.418KV= 90.9% OF	.460 KV	* WARNING WARNING WARNING *
3V30B	***AFTER****	30.0	.420KV= 91.2% OF	.460 KV	* WARNING WARNING WARNING *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP			
V11	***PRIOR****	10.0	.431KV= 93.6% OF	.460 KV	* WARNING WARNING WARNING *
V11	***DURING***	10.0	.429KV= 93.2% OF	.460 KV	* WARNING WARNING WARNING *
V11	***AFTER****	10.0	.430KV= 93.5% OF	.460 KV	* WARNING WARNING WARNING *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP			
V29B	***PRIOR****	1.0	.433KV= 94.2% OF	.460 KV	* WARNING WARNING WARNING *
V29B	***DURING***	1.0	.432KV= 93.8% OF	.460 KV	* WARNING WARNING WARNING *
V29B	***AFTER****	1.0	.433KV= 94.2% OF	.460 KV	* WARNING WARNING WARNING *

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP								
E16C/17	***PRIOR****	34.0	.422KV=	91.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*
E16C/17	***DURING***	34.0	.420KV=	91.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*
E16C/17	***AFTER****	34.0	.422KV=	91.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP								
E16D	***PRIOR****	36.0	.431KV=	93.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*
E16D	***DURING***	36.0	.429KV=	93.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*
E16D	***AFTER****	36.0	.431KV=	93.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP								
P42B	***PRIOR****	3.0	.431KV=	93.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*
P42B	***DURING***	3.0	.429KV=	93.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*
P42B	***AFTER****	3.0	.430KV=	93.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP								
V77/E23	***PRIOR****	36.0	.429KV=	93.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*
V77/E23	***DURING***	36.0	.427KV=	92.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*
V77/E23	***AFTER****	36.0	.428KV=	93.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP								
NS74B	***PRIOR****	50.5	.426KV=	92.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*
NS74B	***DURING***	50.5	.424KV=	92.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*
NS74B	***AFTER****	50.5	.426KV=	92.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP								
S77B	***PRIOR****	3.4	.429KV=	93.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S77B	***DURING***	3.4	.427KV=	92.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S77B	***AFTER****	3.4	.429KV=	93.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*

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VOLTAGE DROP ANALYSIS CASE #= 6

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
S78B	***PRIOR****	3.4	.430KV= 93.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S78B	***DURING***	3.4	.428KV= 93.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S78B	***AFTER****	3.4	.430KV= 93.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
S75B	***PRIOR****	5.0	.428KV= 93.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S75B	***DURING***	5.0	.427KV= 92.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S75B	***AFTER****	5.0	.428KV= 93.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B50	***PRIOR****	.437KV= 88.7% OF	.493KV	123.4	60.8	.0	.0
3B50	***DURING***	.435KV= 88.3% OF	.493KV	123.4	60.8	.0	.0
3B50	***AFTER****	.437KV= 88.6% OF	.493KV	123.4	60.8	.0	.0

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3P201C	***PRIOR****	150.0	.429KV= 93.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P201C	***DURING***	150.0	.427KV= 92.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P201C	***AFTER****	150.0	.428KV= 93.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3A82	***PRIOR****	3.921KV= 94.3% OF	4.160KV	5770.9	3261.1	.0	.0
3A82	***DURING***	3.907KV= 93.9% OF	4.160KV	5770.9	3261.1	.0	.0
3A82	***AFTER****	3.919KV= 94.2% OF	4.160KV	5770.9	3261.1	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B02	***PRIOR****	.458KV= 92.9% OF	.493KV	207.0	113.4	.0	.0
3B02	***DURING***	.445KV= 90.3% OF	.493KV	207.0	113.4	.0	.0
3B02	***AFTER****	.456KV= 92.5% OF	.493KV	207.0	113.4	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B04	***PRIOR****	.446KV= 90.5% OF	.493KV	323.7	171.8	.0	.0
3B04	***DURING***	.445KV= 90.2% OF	.493KV	323.7	171.8	.0	.0
3B04	***AFTER****	.446KV= 90.5% OF	.493KV	323.7	171.8	.0	.0

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VOLTAGE DROP ANALYSIS CASE #= 6

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3P214B	***PRIOR****	250.0	.439KV= 95.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P214B	***DURING***	250.0	.438KV= 95.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P214B	***AFTER****	250.0	.439KV= 95.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3S7B	***PRIOR****	150.0	.437KV= 95.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3S7B	***DURING***	150.0	.436KV= 94.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3S7B	***AFTER****	150.0	.437KV= 95.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3806	***PRIOR****	.455KV= 92.2% OF	.493KV	129.5	79.3	47.5	.1
3806	***DURING***	.433KV= 87.9% OF	.493KV	270.4	411.9	43.2	.1
3806	***AFTER****	.452KV= 91.6% OF	.493KV	191.1	117.5	46.9	.1

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3V30A	***PRIOR****	30.0	.444KV= 96.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V30A	***DURING***	30.0	.422KV= 91.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V30A	***AFTER****	30.0	.441KV= 95.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*

STARTING MOTOR NAME		HP			
3V3A	***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *
3V3A	***DURING***	75.0	.407KV= 88.4% OF	.460 KV	
3V3A	***AFTER****	75.0	.446KV= 96.9% OF	.460 KV	

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
B08W	***PRIOR****	.439KV= 89.1% OF	.493KV	117.9	72.4	20.2	11.8
B08W	***DURING***	.438KV= 88.8% OF	.493KV	117.9	72.4	20.0	11.7
B08W	***AFTER****	.439KV= 89.1% OF	.493KV	117.9	72.4	20.2	11.8

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NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B52	***PRIOR****	.446KV= 90.4% OF	.493KV	16.1	9.9	15.5	.0
3B52	***DURING***	.444KV= 90.1% OF	.493KV	16.1	9.9	15.4	.0
3B52	***AFTER****	.446KV= 90.4% OF	.493KV	16.1	9.9	15.5	.0

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3S230	***PRIOR****	7.0	.441KV= 95.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3S230	***DURING***	7.0	.439KV= 95.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3S230	***AFTER****	7.0	.440KV= 95.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B53	***PRIOR****	.455KV= 92.2% OF	.493KV	14.6	9.0	26.4	.0
3B53	***DURING***	.453KV= 91.9% OF	.493KV	14.6	9.0	26.2	.0
3B53	***AFTER****	.455KV= 92.2% OF	.493KV	14.6	9.0	26.4	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B54	***PRIOR****	.446KV= 90.5% OF	.493KV	14.6	9.0	23.3	.0
3B54	***DURING***	.445KV= 90.2% OF	.493KV	14.6	9.0	23.2	.0
3B54	***AFTER****	.446KV= 90.5% OF	.493KV	14.6	9.0	23.3	.0

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VOLTAGE DROP ANALYSIS CASE #= 7

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
2BUS113	***PRIOR****	233.786KV=100.3% OF233.000KV	.0	.0	.0	.0
2BUS113	***DURING***	233.761KV=100.3% OF233.000KV	.0	.0	.0	.0
2BUS113	***AFTER****	233.782KV=100.3% OF233.000KV	.0	.0	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AA1	***PRIOR****	4.011KV= 96.4% OF 4.160KV	4110.5	2562.7	.0	.0
3AA1	***DURING***	4.010KV= 96.4% OF 4.160KV	4110.5	2562.7	.0	.0
3AA1	***AFTER****	4.011KV= 96.4% OF 4.160KV	4110.5	2562.7	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AB1	***PRIOR****	3.961KV= 95.2% OF 4.160KV	8222.3	5129.7	.0	.0
3AB1	***DURING***	3.952KV= 95.0% OF 4.160KV	8222.3	5129.7	.0	.0
3AB1	***AFTER****	3.959KV= 95.2% OF 4.160KV	8222.3	5129.7	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AA2	***PRIOR****	3.965KV= 95.3% OF 4.160KV	5770.8	3260.8	.0	.0
3AA2	***DURING***	3.964KV= 95.3% OF 4.160KV	5770.8	3260.8	.0	.0
3AA2	***AFTER****	3.965KV= 95.3% OF 4.160KV	5770.8	3260.8	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AD	***PRIOR****	3.963KV= 95.3% OF 4.160KV	626.8	409.1	.0	.0
3AD	***DURING***	3.961KV= 95.2% OF 4.160KV	626.8	409.1	.0	.0
3AD	***AFTER****	3.962KV= 95.3% OF 4.160KV	626.8	409.1	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B01	***PRIOR****	.454KV= 92.2% OF .493KV	446.9	238.3	.0	.0
3B01	***DURING***	.454KV= 92.1% OF .493KV	446.9	238.3	.0	.0
3B01	***AFTER****	.454KV= 92.2% OF .493KV	446.9	238.3	.0	.0

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NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B03	***PRIOR****	.462KV= 93.7% OF	.493KV	82.6	51.3	207.4	1.5
3B03	***DURING***	.462KV= 93.7% OF	.493KV	82.6	51.3	207.3	1.5
3B03	***AFTER****	.462KV= 93.7% OF	.493KV	82.6	51.3	207.4	1.5

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B05V	***PRIOR****	.454KV= 92.1% OF	.493KV	91.9	57.0	28.3	.0
3B05V	***DURING***	.454KV= 92.0% OF	.493KV	91.9	57.0	28.3	.0
3B05V	***AFTER****	.454KV= 92.1% OF	.493KV	91.9	57.0	28.3	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B05N	***PRIOR****	.452KV= 91.7% OF	.493KV	215.5	135.0	13.3	.0
3B05N	***DURING***	.452KV= 91.7% OF	.493KV	215.5	135.0	13.3	.0
3B05N	***AFTER****	.452KV= 91.7% OF	.493KV	215.5	135.0	13.3	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B07	***PRIOR****	.453KV= 91.9% OF	.493KV	244.6	150.9	62.8	.3
3B07	***DURING***	.453KV= 91.9% OF	.493KV	244.6	150.9	62.8	.3
3B07	***AFTER****	.453KV= 91.9% OF	.493KV	244.6	150.9	62.8	.3

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP						
3V30C	***PRIOR****	30.0	.439KV= 95.3% OF	.460 KV	*	WARNING	WARNING	WARNING *
3V30C	***DURING***	30.0	.438KV= 95.3% OF	.460 KV	*	WARNING	WARNING	WARNING *
3V30C	***AFTER****	30.0	.439KV= 95.3% OF	.460 KV	*	WARNING	WARNING	WARNING *

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B08V	***PRIOR****	.434KV= 88.0% OF	.493KV	257.5	158.1	1.6	.0
3B08V	***DURING***	.409KV= 82.9% OF	.493KV	383.5	449.5	1.4	.0
3B08V	***AFTER****	.430KV= 87.1% OF	.493KV	319.3	196.4	1.6	.0

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
3V1D    ***PRIOR****    100.0     .430KV= 93.4% OF    .460 KV     *  WARNING WARNING  WARNING  *
3V1D    ***DURING***    100.0     .404KV= 87.9% OF    .460 KV     *  WARNING WARNING  WARNING  *
3V1D    ***AFTER****    100.0     .425KV= 92.5% OF    .460 KV     *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
3V30B   ***PRIOR****     30.0     .419KV= 91.2% OF    .460 KV     *  WARNING WARNING  WARNING  *
3V30B   ***DURING***     30.0     .393KV= 85.5% OF    .460 KV     *  WARNING WARNING  WARNING  *
3V30B   ***AFTER****     30.0     .415KV= 90.2% OF    .460 KV     *  WARNING WARNING  WARNING  *

STARTING MOTOR NAME       HP

3V3B    ***PRIOR****      .0      .000KV=   .0% OF    .460 KV     * MOTOR NOT STARTED YET *
3V3B    ***DURING***    75.0      .379KV= 82.4% OF    .460 KV
3V3B    ***AFTER****    75.0      .422KV= 91.8% OF    .460 KV     *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
V11     ***PRIOR****    10.0      .430KV= 93.5% OF    .460 KV     *  WARNING WARNING  WARNING  *
V11     ***DURING***    10.0      .405KV= 88.0% OF    .460 KV     *  WARNING WARNING  WARNING  *
V11     ***AFTER****    10.0      .426KV= 92.6% OF    .460 KV     *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
V29B    ***PRIOR****     1.0      .433KV= 94.1% OF    .460 KV     *  WARNING WARNING  WARNING  *
V29B    ***DURING***     1.0      .408KV= 88.6% OF    .460 KV     *  WARNING WARNING  WARNING  *
V29B    ***AFTER****     1.0      .429KV= 93.2% OF    .460 KV     *  WARNING WARNING  WARNING  *
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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

	HP						
E16C/17***PRIOR****	34.0	.421KV= 91.6% OF	.460 KV	*	WARNING WARNING	WARNING	*
E16C/17***DURING***	34.0	.395KV= 86.0% OF	.460 KV	*	WARNING WARNING	WARNING	*
E16C/17***AFTER****	34.0	.417KV= 90.7% OF	.460 KV	*	WARNING WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

	HP						
E16D ***PRIOR****	36.0	.430KV= 93.6% OF	.460 KV	*	WARNING WARNING	WARNING	*
E16D ***DURING***	36.0	.405KV= 88.0% OF	.460 KV	*	WARNING WARNING	WARNING	*
E16D ***AFTER****	36.0	.426KV= 92.6% OF	.460 KV	*	WARNING WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

	HP						
P42B ***PRIOR****	3.0	.430KV= 93.5% OF	.460 KV	*	WARNING WARNING	WARNING	*
P42B ***DURING***	3.0	.405KV= 88.0% OF	.460 KV	*	WARNING WARNING	WARNING	*
P42B ***AFTER****	3.0	.426KV= 92.6% OF	.460 KV	*	WARNING WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

	HP						
V77/E23***PRIOR****	36.0	.428KV= 93.1% OF	.460 KV	*	WARNING WARNING	WARNING	*
V77/E23***DURING***	36.0	.403KV= 87.5% OF	.460 KV	*	WARNING WARNING	WARNING	*
V77/E23***AFTER****	36.0	.424KV= 92.1% OF	.460 KV	*	WARNING WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

	HP						
NS74B ***PRIOR****	50.5	.426KV= 92.5% OF	.460 KV	*	WARNING WARNING	WARNING	*
NS74B ***DURING***	50.5	.400KV= 86.9% OF	.460 KV	*	WARNING WARNING	WARNING	*
NS74B ***AFTER****	50.5	.421KV= 91.6% OF	.460 KV	*	WARNING WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

	HP						
S77B ***PRIOR****	3.4	.429KV= 93.2% OF	.460 KV	*	WARNING WARNING	WARNING	*
S77B ***DURING***	3.4	.403KV= 87.6% OF	.460 KV	*	WARNING WARNING	WARNING	*
S77B ***AFTER****	3.4	.424KV= 92.3% OF	.460 KV	*	WARNING WARNING	WARNING	*

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
S788	***PRIOR****	3.4	.429KV= 93.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S788	***DURING***	3.4	.404KV= 87.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S788	***AFTER****	3.4	.425KV= 92.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
S75B	***PRIOR****	5.0	.428KV= 93.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S75B	***DURING***	5.0	.402KV= 87.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S75B	***AFTER****	5.0	.424KV= 92.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B50	***PRIOR****	.437KV= 88.6% OF	.493KV	123.4	60.8	.0	.0
3B50	***DURING***	.415KV= 84.2% OF	.493KV	123.4	60.8	.0	.0
3B50	***AFTER****	.433KV= 87.9% OF	.493KV	123.4	60.8	.0	.0

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3P201C	***PRIOR****	150.0	.428KV= 93.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P201C	***DURING***	150.0	.406KV= 88.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P201C	***AFTER****	150.0	.425KV= 92.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AB2	***PRIOR****	3.918KV= 94.2% OF	4.160KV	5850.1	3301.8	.0	.0
3AB2	***DURING***	3.905KV= 93.9% OF	4.160KV	5850.1	3301.8	.0	.0
3AB2	***AFTER****	3.916KV= 94.1% OF	4.160KV	5850.1	3301.8	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B02	***PRIOR****	.456KV= 92.5% OF	.493KV	207.0	113.4	.0	.0
3B02	***DURING***	.455KV= 92.2% OF	.493KV	207.0	113.4	.0	.0
3B02	***AFTER****	.456KV= 92.5% OF	.493KV	207.0	113.4	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B04	***PRIOR****	.446KV= 90.4% OF	.493KV	323.7	171.8	.0	.0
3B04	***DURING***	.433KV= 87.9% OF	.493KV	323.7	171.8	.0	.0
3B04	***AFTER****	.444KV= 90.0% OF	.493KV	323.7	171.8	.0	.0

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3P214B	***PRIOR****	250.0	.439KV= 95.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P214B	***DURING***	250.0	.426KV= 92.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P214B	***AFTER****	250.0	.437KV= 95.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3S7B	***PRIOR****	150.0	.437KV= 95.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3S7B	***DURING***	150.0	.424KV= 92.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3S7B	***AFTER****	150.0	.435KV= 94.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B06	***PRIOR****	.451KV= 91.6% OF	.493KV	191.1	117.5	46.9	.1
3B06	***DURING***	.450KV= 91.3% OF	.493KV	191.1	117.5	46.5	.1
3B06	***AFTER****	.451KV= 91.5% OF	.493KV	191.1	117.5	46.8	.1

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3V30A	***PRIOR****	30.0	.440KV= 95.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V30A	***DURING***	30.0	.439KV= 95.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V30A	***AFTER****	30.0	.440KV= 95.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
808N	***PRIOR****	.439KV= 89.1% OF	.493KV	117.9	72.4	20.2	11.8
808N	***DURING***	.426KV= 86.5% OF	.493KV	117.9	72.4	19.0	11.1
808N	***AFTER****	.437KV= 88.7% OF	.493KV	117.9	72.4	20.0	11.7

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B52	***PRIOR****	.445KV= 90.4% OF	.493KV	16.1	9.9	15.5	.0
3B52	***DURING***	.433KV= 87.8% OF	.493KV	16.1	9.9	14.6	.0
3B52	***AFTER****	.444KV= 90.0% OF	.493KV	16.1	9.9	15.4	.0

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3V65B	***PRIOR****	2.0	.442KV= 96.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V65B	***DURING***	2.0	.429KV= 93.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V65B	***AFTER****	2.0	.440KV= 95.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3S230	***PRIOR****	7.0	.440KV= 95.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3S230	***DURING***	7.0	.427KV= 92.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3S230	***AFTER****	7.0	.438KV= 95.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B53	***PRIOR****	.455KV= 92.2% OF	.493KV	14.6	9.0	26.4	.0
3B53	***DURING***	.454KV= 92.2% OF	.493KV	14.6	9.0	26.3	.0
3B53	***AFTER****	.455KV= 92.2% OF	.493KV	14.6	9.0	26.4	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B54	***PRIOR****	.446KV= 90.4% OF	.493KV	14.6	9.0	23.3	.0
3B54	***DURING***	.433KV= 87.9% OF	.493KV	14.6	9.0	22.0	.0
3B54	***AFTER****	.444KV= 90.0% OF	.493KV	14.6	9.0	23.1	.0

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NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
2BUS113	***PRIOR****	233.782KV=100.3% OF233.000KV	.0	.0	.0	.0
2BUS113	***DURING***	233.782KV=100.3% OF233.000KV	.0	.0	.0	.0
2BUS113	***AFTER****	233.782KV=100.3% OF233.000KV	.0	.0	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AA1	***PRIOR****	4.011KV= 96.4% OF 4.160KV	4110.5	2562.7	.0	.0
3AA1	***DURING***	4.011KV= 96.4% OF 4.160KV	4110.5	2562.7	.0	.0
3AA1	***AFTER****	4.011KV= 96.4% OF 4.160KV	4110.5	2562.7	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AB1	***PRIOR****	3.959KV= 95.2% OF 4.160KV	8222.3	5129.7	.0	.0
3AB1	***DURING***	3.959KV= 95.2% OF 4.160KV	8222.3	5129.7	.0	.0
3AB1	***AFTER****	3.959KV= 95.2% OF 4.160KV	8222.3	5129.7	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AA2	***PRIOR****	3.965KV= 95.3% OF 4.160KV	5770.8	3260.8	.0	.0
3AA2	***DURING***	3.965KV= 95.3% OF 4.160KV	5770.8	3260.8	.0	.0
3AA2	***AFTER****	3.965KV= 95.3% OF 4.160KV	5770.8	3260.8	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AD	***PRIOR****	3.962KV= 95.3% OF 4.160KV	626.8	409.1	.0	.0
3AD	***DURING***	3.962KV= 95.3% OF 4.160KV	626.8	409.1	.0	.0
3AD	***AFTER****	3.962KV= 95.3% OF 4.160KV	626.8	409.1	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B01	***PRIOR****	.454KV= 92.2% OF .493KV	446.9	238.3	.0	.0
3B01	***DURING***	.454KV= 92.2% OF .493KV	446.9	238.3	.0	.0
3B01	***AFTER****	.454KV= 92.2% OF .493KV	446.9	238.3	.0	.0

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NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B03	***PRIOR****	.462KV= 93.7% OF	.493KV	82.6	51.3	207.4	1.5
3B03	***DURING***	.462KV= 93.7% OF	.493KV	82.6	51.3	207.4	1.5
3B03	***AFTER****	.462KV= 93.7% OF	.493KV	82.6	51.3	207.4	1.5

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B05V	***PRIOR****	.454KV= 92.1% OF	.493KV	91.9	57.0	28.3	.0
3B05V	***DURING***	.454KV= 92.1% OF	.493KV	91.9	57.0	28.3	.0
3B05V	***AFTER****	.454KV= 92.1% OF	.493KV	91.9	57.0	28.3	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B05W	***PRIOR****	.452KV= 91.7% OF	.493KV	215.5	135.0	13.3	.0
3B05W	***DURING***	.452KV= 91.7% OF	.493KV	215.5	135.0	13.3	.0
3B05W	***AFTER****	.452KV= 91.7% OF	.493KV	215.5	135.0	13.3	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B07	***PRIOR****	.453KV= 91.9% OF	.493KV	244.6	150.9	62.8	.3
3B07	***DURING***	.453KV= 91.9% OF	.493KV	244.6	150.9	62.8	.3
3B07	***AFTER****	.453KV= 91.9% OF	.493KV	244.6	150.9	62.8	.3

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP						
3V30C	***PRIOR****	30.0	.439KV= 95.3% OF	.460 KV	*	WARNING	WARNING	WARNING *
3V30C	***DURING***	30.0	.439KV= 95.3% OF	.460 KV	*	WARNING	WARNING	WARNING *
3V30C	***AFTER****	30.0	.439KV= 95.3% OF	.460 KV	*	WARNING	WARNING	WARNING *

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B08V	***PRIOR****	.430KV= 87.1% OF	.493KV	319.3	196.4	1.6	.0
3B08V	***DURING***	.430KV= 87.1% OF	.493KV	319.3	196.4	1.6	.0
3B08V	***AFTER****	.430KV= 87.1% OF	.493KV	319.3	196.4	1.6	.0

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VOLTAGE DROP ANALYSIS CASE #= 8

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3V1D	***PRIOR****	100.0	.425KV= 92.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V1D	***DURING***	100.0	.425KV= 92.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V1D	***AFTER****	100.0	.425KV= 92.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3V30B	***PRIOR****	30.0	.415KV= 90.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V30B	***DURING***	30.0	.415KV= 90.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V30B	***AFTER****	30.0	.415KV= 90.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3V3B	***PRIOR****	75.0	.422KV= 91.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V3B	***DURING***	75.0	.422KV= 91.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V3B	***AFTER****	75.0	.422KV= 91.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
V11	***PRIOR****	10.0	.426KV= 92.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*
V11	***DURING***	10.0	.426KV= 92.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*
V11	***AFTER****	10.0	.426KV= 92.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
V29B	***PRIOR****	1.0	.429KV= 93.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*
V29B	***DURING***	1.0	.429KV= 93.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*
V29B	***AFTER****	1.0	.429KV= 93.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*

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VOLTAGE DROP ANALYSIS CASE #= 8

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP								
E16C/17	***PRIOR****	34.0	.417KV=	90.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*
E16C/17	***DURING***	34.0	.417KV=	90.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*
E16C/17	***AFTER****	34.0	.417KV=	90.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP								
E16D	***PRIOR****	36.0	.426KV=	92.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*
E16D	***DURING***	36.0	.426KV=	92.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*
E16D	***AFTER****	36.0	.426KV=	92.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP								
P42B	***PRIOR****	3.0	.426KV=	92.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*
P42B	***DURING***	3.0	.426KV=	92.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*
P42B	***AFTER****	3.0	.426KV=	92.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP								
V77/E23	***PRIOR****	36.0	.424KV=	92.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*
V77/E23	***DURING***	36.0	.424KV=	92.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*
V77/E23	***AFTER****	36.0	.424KV=	92.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP								
NS74B	***PRIOR****	50.5	.421KV=	91.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*
NS74B	***DURING***	50.5	.421KV=	91.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*
NS74B	***AFTER****	50.5	.421KV=	91.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP								
S77B	***PRIOR****	3.4	.424KV=	92.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S77B	***DURING***	3.4	.424KV=	92.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S77B	***AFTER****	3.4	.424KV=	92.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
S788	***PRIOR****	3.4	.425KV= 92.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S788	***DURING***	3.4	.425KV= 92.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S788	***AFTER****	3.4	.425KV= 92.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
S75B	***PRIOR****	5.0	.424KV= 92.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S75B	***DURING***	5.0	.424KV= 92.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S75B	***AFTER****	5.0	.424KV= 92.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B50	***PRIOR****	.433KV= 87.9% OF	.493KV	123.4	60.8	.0	.0
3B50	***DURING***	.433KV= 87.9% OF	.493KV	123.4	60.8	.0	.0
3B50	***AFTER****	.433KV= 87.9% OF	.493KV	123.4	60.8	.0	.0

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3P201C	***PRIOR****	150.0	.425KV= 92.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P201C	***DURING***	150.0	.425KV= 92.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P201C	***AFTER****	150.0	.425KV= 92.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AB2	***PRIOR****	3.916KV= 94.1% OF	4.160KV	5850.1	3301.8	.0	.0
3AB2	***DURING***	3.916KV= 94.1% OF	4.160KV	5850.1	3301.8	.0	.0
3AB2	***AFTER****	3.916KV= 94.1% OF	4.160KV	5850.1	3301.8	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B02	***PRIOR****	.456KV= 92.5% OF	.493KV	207.0	113.4	.0	.0
3B02	***DURING***	.456KV= 92.5% OF	.493KV	207.0	113.4	.0	.0
3B02	***AFTER****	.456KV= 92.5% OF	.493KV	207.0	113.4	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B04	***PRIOR****	.444KV= 90.0% OF	.493KV	323.7	171.8	.0	.0
3B04	***DURING***	.444KV= 90.0% OF	.493KV	323.7	171.8	.0	.0
3B04	***AFTER****	.444KV= 90.0% OF	.493KV	323.7	171.8	.0	.0

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3P214B	***PRIOR****	250.0	.437KV= 95.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P214B	***DURING***	250.0	.437KV= 95.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P214B	***AFTER****	250.0	.437KV= 95.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3S7B	***PRIOR****	150.0	.435KV= 94.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3S7B	***DURING***	150.0	.435KV= 94.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3S7B	***AFTER****	150.0	.435KV= 94.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B06	***PRIOR****	.451KV= 91.5% OF	.493KV	191.1	117.5	46.8	.1
3B06	***DURING***	.451KV= 91.5% OF	.493KV	191.1	117.5	46.8	.1
3B06	***AFTER****	.451KV= 91.5% OF	.493KV	191.1	117.5	46.8	.1

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3V30A	***PRIOR****	30.0	.440KV= 95.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V30A	***DURING***	30.0	.440KV= 95.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V30A	***AFTER****	30.0	.440KV= 95.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
B08N	***PRIOR****	.437KV= 88.7% OF	.493KV	117.9	72.4	20.0	11.7
B08N	***DURING***	.437KV= 88.7% OF	.493KV	117.9	72.4	20.0	11.7
B08N	***AFTER****	.437KV= 88.7% OF	.493KV	117.9	72.4	20.0	11.7

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B52	***PRIOR****	.444KV= 90.0% OF	.493KV	16.1	9.9	15.4	.0
3B52	***DURING***	.444KV= 90.0% OF	.493KV	16.1	9.9	15.4	.0
3B52	***AFTER****	.444KV= 90.0% OF	.493KV	16.1	9.9	15.4	.0

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3V65B	***PRIOR****	2.0	.440KV= 95.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V65B	***DURING***	2.0	.440KV= 95.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V65B	***AFTER****	2.0	.440KV= 95.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3S230	***PRIOR****	7.0	.438KV= 95.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3S230	***DURING***	7.0	.438KV= 95.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3S230	***AFTER****	7.0	.438KV= 95.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B53	***PRIOR****	.455KV= 92.2% OF	.493KV	14.6	9.0	26.4	.0
3B53	***DURING***	.455KV= 92.2% OF	.493KV	14.6	9.0	26.4	.0
3B53	***AFTER****	.455KV= 92.2% OF	.493KV	14.6	9.0	26.4	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B54	***PRIOR****	.444KV= 90.0% OF	.493KV	14.6	9.0	23.1	.0
3B54	***DURING***	.444KV= 90.0% OF	.493KV	14.6	9.0	23.1	.0
3B54	***AFTER****	.444KV= 90.0% OF	.493KV	14.6	9.0	23.1	.0

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NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
2BUS113	***PRIOR****	233.785KV=100.3% OF233.000KV	.0	.0	.0	.0
2BUS113	***DURING***	231.885KV= 99.5% OF233.000KV	.0	.0	.0	.0
2BUS113	***AFTER****	233.572KV=100.2% OF233.000KV	.0	.0	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AA1	***PRIOR****	4.011KV= 96.4% OF 4.160KV	4110.5	2562.7	.0	.0
3AA1	***DURING***	3.357KV= 80.7% OF 4.160KV	9649.8	29072.2	.0	.0
3AA1	***AFTER****	3.945KV= 94.8% OF 4.160KV	9564.0	5218.3	.0	.0

STARTING MOTOR NAME		HP			
3P1A	***PRIOR****	.0	.000KV= .0% OF 4.000 KV	* MOTOR NOT STARTED YET *	
3P1A	***DURING***	7000.0	3.288KV= 82.2% OF 4.000 KV		
3P1A	***AFTER****	7000.0	3.934KV= 98.4% OF 4.000 KV		

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AB1	***PRIOR****	3.960KV= 95.2% OF 4.160KV	8222.3	5129.7	.0	.0
3AB1	***DURING***	3.863KV= 92.9% OF 4.160KV	8222.3	5129.7	.0	.0
3AB1	***AFTER****	3.950KV= 94.9% OF 4.160KV	8222.3	5129.7	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AA2	***PRIOR****	3.965KV= 95.3% OF 4.160KV	5770.8	3260.8	.0	.0
3AA2	***DURING***	3.301KV= 79.3% OF 4.160KV	5770.8	3260.8	.0	.0
3AA2	***AFTER****	3.898KV= 93.7% OF 4.160KV	5770.8	3260.8	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AD	***PRIOR****	3.963KV= 95.3% OF 4.160KV	626.8	409.1	.0	.0
3AD	***DURING***	3.298KV= 79.3% OF 4.160KV	626.8	409.1	.0	.0
3AD	***AFTER****	3.896KV= 93.6% OF 4.160KV	626.8	409.1	.0	.0

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NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3801	***PRIOR****	.454KV= 92.2% OF	.493KV	446.9	238.3	.0	.0
3801	***DURING***	.372KV= 75.5% OF	.493KV	446.9	238.3	.0	.0
3801	***AFTER****	.446KV= 90.5% OF	.493KV	446.9	238.3	.0	.0

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3P201A	***PRIOR****	150.0	.445KV= 96.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P201A	***DURING***	150.0	.360KV= 78.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P201A	***AFTER****	150.0	.436KV= 94.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3P214A	***PRIOR****	250.0	.448KV= 97.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P214A	***DURING***	250.0	.365KV= 79.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P214A	***AFTER****	250.0	.440KV= 95.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3S6A	***PRIOR****	150.0	.444KV= 96.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3S6A	***DURING***	150.0	.359KV= 78.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3S6A	***AFTER****	150.0	.435KV= 94.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3803	***PRIOR****	.462KV= 93.7% OF	.493KV	82.6	51.3	207.4	1.5
3803	***DURING***	.382KV= 77.5% OF	.493KV	82.6	51.3	141.7	1.0
3803	***AFTER****	.454KV= 92.1% OF	.493KV	82.6	51.3	200.3	1.5

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3P212	***PRIOR****	100.0	.454KV= 98.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P212	***DURING***	100.0	.372KV= 80.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P212	***AFTER****	100.0	.445KV= 96.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B05V	***PRIOR****	.454KV= 92.1% OF	.493KV	91.9	57.0	28.3	.0
3B05V	***DURING***	.372KV= 75.4% OF	.493KV	91.9	57.0	19.0	.0
3B05V	***AFTER****	.446KV= 90.4% OF	.493KV	91.9	57.0	27.3	.0

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3C2A	***PRIOR****	5.0	.449KV= 97.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3C2A	***DURING***	5.0	.366KV= 79.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3C2A	***AFTER****	5.0	.441KV= 95.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3P10	***PRIOR****	.8	.453KV= 98.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P10	***DURING***	.8	.371KV= 80.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P10	***AFTER****	.8	.445KV= 96.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3V1A	***PRIOR****	100.0	.443KV= 96.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V1A	***DURING***	100.0	.358KV= 77.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V1A	***AFTER****	100.0	.434KV= 94.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3V34	***PRIOR****	5.0	.450KV= 97.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V34	***DURING***	5.0	.366KV= 79.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V34	***AFTER****	5.0	.441KV= 95.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B05W	***PRIOR****	.452KV= 91.7% OF	.493KV	215.5	135.0	13.3	.0
3B05W	***DURING***	.369KV= 74.9% OF	.493KV	215.5	135.0	8.9	.0
3B05W	***AFTER****	.444KV= 90.0% OF	.493KV	215.5	135.0	12.8	.0

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP								
3V14A	***PRIOR****	7.5	.440KV=	95.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V14A	***DURING***	7.5	.355KV=	77.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V14A	***AFTER****	7.5	.432KV=	93.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP								
3V18	***PRIOR****	7.5	.446KV=	96.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V18	***DURING***	7.5	.362KV=	78.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V18	***AFTER****	7.5	.437KV=	95.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP								
3V19A	***PRIOR****	15.0	.448KV=	97.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V19A	***DURING***	15.0	.365KV=	79.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V19A	***AFTER****	15.0	.440KV=	95.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP								
3V31B	***PRIOR****	3.0	.449KV=	97.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V31B	***DURING***	3.0	.365KV=	79.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V31B	***AFTER****	3.0	.440KV=	95.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP								
3V4	***PRIOR****	5.0	.447KV=	97.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V4	***DURING***	5.0	.363KV=	78.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V4	***AFTER****	5.0	.439KV=	95.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
3V6A    ***PRIOR****     7.5      .449KV= 97.5% OF    .460 KV     *  WARNING WARNING  WARNING  *
3V6A    ***DURING***     7.5      .365KV= 79.3% OF    .460 KV     *  WARNING WARNING  WARNING  *
3V6A    ***AFTER****     7.5      .440KV= 95.7% OF    .460 KV     *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
P51A    ***PRIOR****     1.0      .451KV= 98.0% OF    .460 KV     *  WARNING WARNING  WARNING  *
P51A    ***DURING***     1.0      .368KV= 79.9% OF    .460 KV     *  WARNING WARNING  WARNING  *
P51A    ***AFTER****     1.0      .443KV= 96.2% OF    .460 KV     *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
3X03    ***PRIOR****     7.0      .451KV= 98.0% OF    .460 KV     *  WARNING WARNING  WARNING  *
3X03    ***DURING***     7.0      .368KV= 79.9% OF    .460 KV     *  WARNING WARNING  WARNING  *
3X03    ***AFTER****     7.0      .443KV= 96.2% OF    .460 KV     *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
3X02    ***PRIOR****     9.0      .451KV= 98.0% OF    .460 KV     *  WARNING WARNING  WARNING  *
3X02    ***DURING***     9.0      .368KV= 80.0% OF    .460 KV     *  WARNING WARNING  WARNING  *
3X02    ***AFTER****     9.0      .443KV= 96.2% OF    .460 KV     *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
3X01    ***PRIOR****   170.0      .449KV= 97.7% OF    .460 KV     *  WARNING WARNING  WARNING  *
3X01    ***DURING***   170.0      .366KV= 79.6% OF    .460 KV     *  WARNING WARNING  WARNING  *
3X01    ***AFTER****   170.0      .441KV= 95.9% OF    .460 KV     *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
3P90C   ***PRIOR****     2.0      .450KV= 97.9% OF    .460 KV     *  WARNING WARNING  WARNING  *
3P90C   ***DURING***     2.0      .367KV= 79.8% OF    .460 KV     *  WARNING WARNING  WARNING  *
3P90C   ***AFTER****     2.0      .442KV= 96.1% OF    .460 KV     *  WARNING WARNING  WARNING  *
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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP								
3P90B	***PRIOR****	2.0	.450KV=	97.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P90B	***DURING***	2.0	.367KV=	79.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P90B	***AFTER****	2.0	.442KV=	96.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP								
3P90A	***PRIOR****	2.0	.450KV=	97.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P90A	***DURING***	2.0	.367KV=	79.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P90A	***AFTER****	2.0	.442KV=	96.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP								
3XS75/7	***PRIOR****	20.0	.447KV=	97.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3XS75/7	***DURING***	20.0	.363KV=	78.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3XS75/7	***AFTER****	20.0	.439KV=	95.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B07	***PRIOR****	.453KV=	91.9% OF	.493KV	244.6	150.9	62.8	.3
3B07	***DURING***	.372KV=	75.4% OF	.493KV	244.6	150.9	42.2	.2
3B07	***AFTER****	.445KV=	90.3% OF	.493KV	244.6	150.9	60.6	.3

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP								
3P203A	***PRIOR****	15.0	.452KV=	98.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P203A	***DURING***	15.0	.370KV=	80.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P203A	***AFTER****	15.0	.444KV=	96.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP								
3V1C	***PRIOR****	100.0	.449KV=	97.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V1C	***DURING***	100.0	.366KV=	79.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V1C	***AFTER****	100.0	.441KV=	95.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3V30C	***PRIOR****	30.0	.439KV=	95.3% OF	.460 KV	*	WARNING WARNING	WARNING	*
3V30C	***DURING***	30.0	.354KV=	76.9% OF	.460 KV	*	WARNING WARNING	WARNING	*
3V30C	***AFTER****	30.0	.430KV=	93.5% OF	.460 KV	*	WARNING WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3V3C	***PRIOR****	75.0	.447KV=	97.1% OF	.460 KV	*	WARNING WARNING	WARNING	*
3V3C	***DURING***	75.0	.363KV=	79.0% OF	.460 KV	*	WARNING WARNING	WARNING	*
3V3C	***AFTER****	75.0	.438KV=	95.3% OF	.460 KV	*	WARNING WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
P207A	***PRIOR****	6.0	.450KV=	97.9% OF	.460 KV	*	WARNING WARNING	WARNING	*
P207A	***DURING***	6.0	.368KV=	80.0% OF	.460 KV	*	WARNING WARNING	WARNING	*
P207A	***AFTER****	6.0	.442KV=	96.1% OF	.460 KV	*	WARNING WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
T206	***PRIOR****	1.5	.452KV=	98.2% OF	.460 KV	*	WARNING WARNING	WARNING	*
T206	***DURING***	1.5	.370KV=	80.3% OF	.460 KV	*	WARNING WARNING	WARNING	*
T206	***AFTER****	1.5	.443KV=	96.4% OF	.460 KV	*	WARNING WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3V2B	***PRIOR****	60.0	.445KV=	96.7% OF	.460 KV	*	WARNING WARNING	WARNING	*
3V2B	***DURING***	60.0	.361KV=	78.5% OF	.460 KV	*	WARNING WARNING	WARNING	*
3V2B	***AFTER****	60.0	.436KV=	94.9% OF	.460 KV	*	WARNING WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3V65A	***PRIOR****	2.0	.450KV=	97.9% OF	.460 KV	*	WARNING WARNING	WARNING	*
3V65A	***DURING***	2.0	.368KV=	79.9% OF	.460 KV	*	WARNING WARNING	WARNING	*
3V65A	***AFTER****	2.0	.442KV=	96.1% OF	.460 KV	*	WARNING WARNING	WARNING	*

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP								
P42A	***PRIOR****	7.5	.451KV= 98.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*
P42A	***DURING***	7.5	.369KV= 80.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*
P42A	***AFTER****	7.5	.443KV= 96.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B08V	***PRIOR****	.430KV= 87.2% OF	.493KV	319.3	196.4	1.6	.0
3B08V	***DURING***	.417KV= 84.6% OF	.493KV	319.3	196.4	1.5	.0
3B08V	***AFTER****	.428KV= 86.9% OF	.493KV	319.3	196.4	1.6	.0

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3V1D	***PRIOR****	100.0	.426KV= 92.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V1D	***DURING***	100.0	.413KV= 89.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V1D	***AFTER****	100.0	.424KV= 92.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3V30B	***PRIOR****	30.0	.415KV= 90.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V30B	***DURING***	30.0	.402KV= 87.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V30B	***AFTER****	30.0	.414KV= 89.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3V3B	***PRIOR****	75.0	.422KV= 91.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V3B	***DURING***	75.0	.409KV= 89.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V3B	***AFTER****	75.0	.421KV= 91.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
V11	***PRIOR****	10.0	.426KV= 92.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*
V11	***DURING***	10.0	.413KV= 89.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*
V11	***AFTER****	10.0	.425KV= 92.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
V29B    ***PRIOR****     1.0      .429KV= 93.2% OF    .460 KV     *  WARNING WARNING  WARNING  *
V29B    ***DURING***     1.0      .416KV= 90.4% OF    .460 KV     *  WARNING WARNING  WARNING  *
V29B    ***AFTER****     1.0      .427KV= 92.9% OF    .460 KV     *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
E16C/17***PRIOR****     34.0      .417KV= 90.7% OF    .460 KV     *  WARNING WARNING  WARNING  *
E16C/17***DURING***     34.0      .404KV= 87.8% OF    .460 KV     *  WARNING WARNING  WARNING  *
E16C/17***AFTER****     34.0      .416KV= 90.4% OF    .460 KV     *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
E16D    ***PRIOR****    36.0      .426KV= 92.7% OF    .460 KV     *  WARNING WARNING  WARNING  *
E16D    ***DURING***    36.0      .413KV= 89.9% OF    .460 KV     *  WARNING WARNING  WARNING  *
E16D    ***AFTER****    36.0      .425KV= 92.4% OF    .460 KV     *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
P42B    ***PRIOR****     3.0      .426KV= 92.6% OF    .460 KV     *  WARNING WARNING  WARNING  *
P42B    ***DURING***     3.0      .413KV= 89.8% OF    .460 KV     *  WARNING WARNING  WARNING  *
P42B    ***AFTER****     3.0      .425KV= 92.3% OF    .460 KV     *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
V77/E23***PRIOR****     36.0      .424KV= 92.2% OF    .460 KV     *  WARNING WARNING  WARNING  *
V77/E23***DURING***     36.0      .411KV= 89.4% OF    .460 KV     *  WARNING WARNING  WARNING  *
V77/E23***AFTER****     36.0      .423KV= 91.9% OF    .460 KV     *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
NS74B   ***PRIOR****    50.5      .422KV= 91.6% OF    .460 KV     *  WARNING WARNING  WARNING  *
NS74B   ***DURING***    50.5      .409KV= 88.8% OF    .460 KV     *  WARNING WARNING  WARNING  *
NS74B   ***AFTER****    50.5      .420KV= 91.3% OF    .460 KV     *  WARNING WARNING  WARNING  *
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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP								
S77B	***PRIOR****	3.4	.425KV= 92.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S77B	***DURING***	3.4	.412KV= 89.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S77B	***AFTER****	3.4	.423KV= 92.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP								
S78B	***PRIOR****	3.4	.425KV= 92.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S78B	***DURING***	3.4	.412KV= 89.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S78B	***AFTER****	3.4	.424KV= 92.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP								
S75B	***PRIOR****	5.0	.424KV= 92.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S75B	***DURING***	5.0	.411KV= 89.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S75B	***AFTER****	5.0	.422KV= 91.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3850	***PRIOR****	.433KV= 87.9% OF	.493KV	123.4	60.8	.0	.0
3850	***DURING***	.421KV= 85.3% OF	.493KV	123.4	60.8	.0	.0
3850	***AFTER****	.432KV= 87.6% OF	.493KV	123.4	60.8	.0	.0

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP								
3P201C	***PRIOR****	150.0	.425KV= 92.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P201C	***DURING***	150.0	.412KV= 89.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P201C	***AFTER****	150.0	.423KV= 92.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AB2	***PRIOR****	3.917KV= 94.2% OF	4.160KV	5770.9	3261.1	.0	.0
3AB2	***DURING***	3.819KV= 91.8% OF	4.160KV	5770.9	3261.1	.0	.0
3AB2	***AFTER****	3.907KV= 93.9% OF	4.160KV	5770.9	3261.1	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B02	***PRIOR****	.456KV= 92.5% OF	.493KV	207.0	113.4	.0	.0
3B02	***DURING***	.444KV= 90.1% OF	.493KV	207.0	113.4	.0	.0
3B02	***AFTER****	.455KV= 92.2% OF	.493KV	207.0	113.4	.0	.0

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NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B04	***PRIOR****	.444KV= 90.1% OF	.493KV	323.7	171.8	.0	.0
3B04	***DURING***	.432KV= 87.6% OF	.493KV	323.7	171.8	.0	.0
3B04	***AFTER****	.443KV= 89.8% OF	.493KV	323.7	171.8	.0	.0

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3P214B	***PRIOR****	250.0	.437KV= 95.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P214B	***DURING***	250.0	.425KV= 92.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P214B	***AFTER****	250.0	.436KV= 94.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3S7B	***PRIOR****	150.0	.435KV= 94.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3S7B	***DURING***	150.0	.423KV= 91.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3S7B	***AFTER****	150.0	.434KV= 94.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B06	***PRIOR****	.451KV= 91.6% OF	.493KV	191.1	117.5	46.9	.1
3B06	***DURING***	.439KV= 89.1% OF	.493KV	191.1	117.5	44.4	.1
3B06	***AFTER****	.450KV= 91.3% OF	.493KV	191.1	117.5	46.6	.1

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3V30A	***PRIOR****	30.0	.440KV= 95.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V30A	***DURING***	30.0	.428KV= 93.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V30A	***AFTER****	30.0	.439KV= 95.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
B08N	***PRIOR****	.437KV= 88.7% OF	.493KV	117.9	72.4	20.0	11.7
B08N	***DURING***	.425KV= 86.2% OF	.493KV	117.9	72.4	18.9	11.1
B08N	***AFTER****	.436KV= 88.4% OF	.493KV	117.9	72.4	19.9	11.6

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NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B52	***PRIOR****	.444KV= 90.0%	OF	.493KV	16.1	9.9	15.4	.0
3B52	***DURING***	.431KV= 87.5%	OF	.493KV	16.1	9.9	14.5	.0
3B52	***AFTER****	.442KV= 89.7%	OF	.493KV	16.1	9.9	15.3	.0

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP								
3C2B	***PRIOR****	5.0	.443KV= 96.2%	OF	.460 KV	*	WARNING	WARNING	WARNING	*
3C2B	***DURING***	5.0	.430KV= 93.5%	OF	.460 KV	*	WARNING	WARNING	WARNING	*
3C2B	***AFTER****	5.0	.441KV= 95.9%	OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP								
3V65B	***PRIOR****	2.0	.440KV= 95.7%	OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V65B	***DURING***	2.0	.428KV= 93.0%	OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V65B	***AFTER****	2.0	.439KV= 95.4%	OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP								
3S230	***PRIOR****	7.0	.438KV= 95.3%	OF	.460 KV	*	WARNING	WARNING	WARNING	*
3S230	***DURING***	7.0	.426KV= 92.6%	OF	.460 KV	*	WARNING	WARNING	WARNING	*
3S230	***AFTER****	7.0	.437KV= 95.0%	OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B53	***PRIOR****	.455KV= 92.2%	OF	.493KV	14.6	9.0	26.4	.0
3B53	***DURING***	.372KV= 75.5%	OF	.493KV	14.6	9.0	17.7	.0
3B53	***AFTER****	.446KV= 90.5%	OF	.493KV	14.6	9.0	25.4	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B54	***PRIOR****	.444KV= 90.1%	OF	.493KV	14.6	9.0	23.1	.0
3B54	***DURING***	.432KV= 87.6%	OF	.493KV	14.6	9.0	21.9	.0
3B54	***AFTER****	.443KV= 89.8%	OF	.493KV	14.6	9.0	23.0	.0

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NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
2BUS113	***PRIOR****	233.974KV=100.4% OF233.000KV	.0	.0	.0	.0
2BUS113	***DURING***	232.231KV= 99.7% OF233.000KV	.0	.0	.0	.0
2BUS113	***AFTER****	233.748KV=100.3% OF233.000KV	.0	.0	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AA1	***PRIOR****	4.020KV= 96.6% OF 4.160KV	4110.5	2562.7	.0	.0
3AA1	***DURING***	3.932KV= 94.5% OF 4.160KV	4110.5	2562.7	.0	.0
3AA1	***AFTER****	4.009KV= 96.4% OF 4.160KV	4110.5	2562.7	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AB1	***PRIOR****	4.023KV= 96.7% OF 4.160KV	4111.2	2564.9	.0	.0
3AB1	***DURING***	3.407KV= 81.9% OF 4.160KV	9287.1	27384.4	.0	.0
3AB1	***AFTER****	3.948KV= 94.9% OF 4.160KV	8986.7	5610.4	.0	.0

STARTING MOTOR NAME		HP			
3P200B	***PRIOR****	.0	.000KV= .0% OF 4.000 KV		* MOTOR NOT STARTED YET *
3P200B	***DURING***	6000.0	3.292KV= 82.3% OF 4.000 KV		
3P200B	***AFTER****	6000.0	3.931KV= 98.3% OF 4.000 KV		

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AA2	***PRIOR****	3.975KV= 95.5% OF 4.160KV	5770.8	3260.8	.0	.0
3AA2	***DURING***	3.885KV= 93.4% OF 4.160KV	5770.8	3260.8	.0	.0
3AA2	***AFTER****	3.963KV= 95.3% OF 4.160KV	5770.8	3260.8	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AD	***PRIOR****	3.972KV= 95.5% OF 4.160KV	626.8	409.1	.0	.0
3AD	***DURING***	3.883KV= 93.3% OF 4.160KV	626.8	409.1	.0	.0
3AD	***AFTER****	3.961KV= 95.2% OF 4.160KV	626.8	409.1	.0	.0

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NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B01	***PRIOR****	.456KV= 92.4% OF	.493KV	446.9	238.3	.0	.0
3B01	***DURING***	.445KV= 90.2% OF	.493KV	446.9	238.3	.0	.0
3B01	***AFTER****	.454KV= 92.1% OF	.493KV	446.9	238.3	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B03	***PRIOR****	.463KV= 93.9% OF	.493KV	82.6	51.3	208.4	1.5
3B03	***DURING***	.452KV= 91.8% OF	.493KV	82.6	51.3	198.9	1.4
3B03	***AFTER****	.462KV= 93.7% OF	.493KV	82.6	51.3	207.2	1.5

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B05V	***PRIOR****	.455KV= 92.3% OF	.493KV	91.9	57.0	28.5	.0
3B05V	***DURING***	.444KV= 90.1% OF	.493KV	91.9	57.0	27.1	.0
3B05V	***AFTER****	.454KV= 92.0% OF	.493KV	91.9	57.0	28.3	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B05N	***PRIOR****	.453KV= 91.9% OF	.493KV	215.5	135.0	13.4	.0
3B05N	***DURING***	.442KV= 89.7% OF	.493KV	215.5	135.0	12.7	.0
3B05N	***AFTER****	.452KV= 91.7% OF	.493KV	215.5	135.0	13.3	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B07	***PRIOR****	.454KV= 92.2% OF	.493KV	244.6	150.9	63.2	.3
3B07	***DURING***	.444KV= 90.0% OF	.493KV	244.6	150.9	60.2	.3
3B07	***AFTER****	.453KV= 91.9% OF	.493KV	244.6	150.9	62.8	.3

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3V30C	***PRIOR****	30.0	.440KV= 95.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V30C	***DURING***	30.0	.428KV= 93.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V30C	***AFTER****	30.0	.438KV= 95.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3808V	***PRIOR****	.438KV= 88.8% OF	.493KV	319.3	196.4	1.7	.0
3808V	***DURING***	.356KV= 72.2% OF	.493KV	319.3	196.4	1.1	.0
3808V	***AFTER****	.428KV= 86.9% OF	.493KV	319.3	196.4	1.6	.0

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3V1D	***PRIOR****	100.0	.434KV= 94.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V1D	***DURING***	100.0	.351KV= 76.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V1D	***AFTER****	100.0	.424KV= 92.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3V30B	***PRIOR****	30.0	.423KV= 92.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V30B	***DURING***	30.0	.338KV= 73.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V30B	***AFTER****	30.0	.413KV= 89.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3V3B	***PRIOR****	75.0	.430KV= 93.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V3B	***DURING***	75.0	.347KV= 75.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V3B	***AFTER****	75.0	.421KV= 91.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
V11	***PRIOR****	10.0	.434KV= 94.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*
V11	***DURING***	10.0	.351KV= 76.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*
V11	***AFTER****	10.0	.424KV= 92.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
V29B    ***PRIOR****     1.0      .437KV= 95.0% OF    .460 KV     *  WARNING WARNING  WARNING  *
V29B    ***DURING***     1.0      .355KV= 77.1% OF    .460 KV     *  WARNING WARNING  WARNING  *
V29B    ***AFTER****     1.0      .427KV= 92.9% OF    .460 KV     *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
E16C/17***PRIOR****     34.0      .425KV= 92.5% OF    .460 KV     *  WARNING WARNING  WARNING  *
E16C/17***DURING***     34.0      .341KV= 74.1% OF    .460 KV     *  WARNING WARNING  WARNING  *
E16C/17***AFTER****     34.0      .416KV= 90.4% OF    .460 KV     *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
E16D    ***PRIOR****     36.0      .434KV= 94.4% OF    .460 KV     *  WARNING WARNING  WARNING  *
E16D    ***DURING***     36.0      .352KV= 76.4% OF    .460 KV     *  WARNING WARNING  WARNING  *
E16D    ***AFTER****     36.0      .425KV= 92.3% OF    .460 KV     *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
P42B    ***PRIOR****     3.0       .434KV= 94.4% OF    .460 KV     *  WARNING WARNING  WARNING  *
P42B    ***DURING***     3.0       .351KV= 76.4% OF    .460 KV     *  WARNING WARNING  WARNING  *
P42B    ***AFTER****     3.0       .424KV= 92.3% OF    .460 KV     *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
V77/E23***PRIOR****     36.0      .432KV= 94.0% OF    .460 KV     *  WARNING WARNING  WARNING  *
V77/E23***DURING***     36.0      .349KV= 75.9% OF    .460 KV     *  WARNING WARNING  WARNING  *
V77/E23***AFTER****     36.0      .422KV= 91.8% OF    .460 KV     *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
NS74B   ***PRIOR****     50.5      .430KV= 93.4% OF    .460 KV     *  WARNING WARNING  WARNING  *
NS74B   ***DURING***     50.5      .346KV= 75.2% OF    .460 KV     *  WARNING WARNING  WARNING  *
NS74B   ***AFTER****     50.5      .420KV= 91.3% OF    .460 KV     *  WARNING WARNING  WARNING  *
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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP								
S77B	***PRIOR****	3.4	.433KV= 94.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S77B	***DURING***	3.4	.350KV= 76.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S77B	***AFTER****	3.4	.423KV= 92.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP								
S78B	***PRIOR****	3.4	.433KV= 94.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S78B	***DURING***	3.4	.350KV= 76.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S78B	***AFTER****	3.4	.424KV= 92.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP								
S75B	***PRIOR****	5.0	.432KV= 93.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S75B	***DURING***	5.0	.349KV= 75.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S75B	***AFTER****	5.0	.422KV= 91.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B50	***PRIOR****	.441KV= 89.5% OF	.493KV	123.4	60.8	.0	.0
3B50	***DURING***	.360KV= 73.1% OF	.493KV	123.4	60.8	.0	.0
3B50	***AFTER****	.432KV= 87.6% OF	.493KV	123.4	60.8	.0	.0

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP								
3P201C	***PRIOR****	150.0	.433KV= 94.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P201C	***DURING***	150.0	.350KV= 76.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P201C	***AFTER****	150.0	.423KV= 92.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3A82	***PRIOR****	3.980KV= 95.7% OF	4.160KV	5770.9	3261.1	.0	.0
3A82	***DURING***	3.355KV= 80.7% OF	4.160KV	5770.9	3261.1	.0	.0
3A82	***AFTER****	3.905KV= 93.9% OF	4.160KV	5770.9	3261.1	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B02	***PRIOR****	.464KV= 94.0% OF	.493KV	207.0	113.4	.0	.0
3B02	***DURING***	.388KV= 78.7% OF	.493KV	207.0	113.4	.0	.0
3B02	***AFTER****	.455KV= 92.2% OF	.493KV	207.0	113.4	.0	.0

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP								
3P201B	***PRIOR****	150.0	.451KV= 98.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P201B	***DURING***	150.0	.373KV= 81.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P201B	***AFTER****	150.0	.442KV= 96.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP								
3V1B	***PRIOR****	100.0	.451KV= 98.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V1B	***DURING***	100.0	.373KV= 81.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V1B	***AFTER****	100.0	.442KV= 96.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B04	***PRIOR****	.452KV= 91.7% OF	.493KV	323.7	171.8	.0	.0
3B04	***DURING***	.373KV= 75.7% OF	.493KV	323.7	171.8	.0	.0
3B04	***AFTER****	.443KV= 89.8% OF	.493KV	323.7	171.8	.0	.0

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP								
3P214B	***PRIOR****	250.0	.445KV= 96.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P214B	***DURING***	250.0	.365KV= 79.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P214B	***AFTER****	250.0	.436KV= 94.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP								
3S7B	***PRIOR****	150.0	.443KV= 96.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3S7B	***DURING***	150.0	.363KV= 78.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3S7B	***AFTER****	150.0	.434KV= 94.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B06	***PRIOR****	.459KV= 93.1% OF	.493KV	191.1	117.5	48.4	.1
3B06	***DURING***	.383KV= 77.6% OF	.493KV	191.1	117.5	33.7	.1
3B06	***AFTER****	.450KV= 91.3% OF	.493KV	191.1	117.5	46.5	.1

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3V30A	***PRIOR****	30.0	.448KV= 97.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V30A	***DURING***	30.0	.370KV= 80.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V30A	***AFTER****	30.0	.439KV= 95.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3V3A	***PRIOR****	75.0	.453KV= 98.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V3A	***DURING***	75.0	.375KV= 81.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V3A	***AFTER****	75.0	.444KV= 96.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
E16A/17	***PRIOR****	34.0	.451KV= 98.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*
E16A/17	***DURING***	34.0	.373KV= 81.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*
E16A/17	***AFTER****	34.0	.442KV= 96.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
V8B	***PRIOR****	40.0	.453KV= 98.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*
V8B	***DURING***	40.0	.376KV= 81.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*
V8B	***AFTER****	40.0	.444KV= 96.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
B08N	***PRIOR****	.445KV= 90.3% OF	.493KV	117.9	72.4	20.7	12.1
B08N	***DURING***	.365KV= 74.1% OF	.493KV	117.9	72.4	14.0	8.2
B08N	***AFTER****	.436KV= 88.4% OF	.493KV	117.9	72.4	19.9	11.6

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
3P204B ***PRIOR****       6.0      .442KV= 96.1% OF    .460 KV     *  WARNING WARNING  WARNING  *
3P204B ***DURING***       6.0      .361KV= 78.6% OF    .460 KV     *  WARNING WARNING  WARNING  *
3P204B ***AFTER****       6.0      .433KV= 94.0% OF    .460 KV     *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
P208   ***PRIOR****      20.0      .441KV= 95.8% OF    .460 KV     *  WARNING WARNING  WARNING  *
P208   ***DURING***      20.0      .360KV= 78.3% OF    .460 KV     *  WARNING WARNING  WARNING  *
P208   ***AFTER****      20.0      .431KV= 93.8% OF    .460 KV     *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
3P24B  ***PRIOR****       3.0      .442KV= 96.1% OF    .460 KV     *  WARNING WARNING  WARNING  *
3P24B  ***DURING***       3.0      .362KV= 78.7% OF    .460 KV     *  WARNING WARNING  WARNING  *
3P24B  ***AFTER****       3.0      .433KV= 94.1% OF    .460 KV     *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
P20    ***PRIOR****       .5       .444KV= 96.6% OF    .460 KV     *  WARNING WARNING  WARNING  *
P20    ***DURING***       .5       .365KV= 79.2% OF    .460 KV     *  WARNING WARNING  WARNING  *
P20    ***AFTER****       .5       .435KV= 94.6% OF    .460 KV     *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
P21    ***PRIOR****       .5       .444KV= 96.6% OF    .460 KV     *  WARNING WARNING  WARNING  *
P21    ***DURING***       .5       .365KV= 79.2% OF    .460 KV     *  WARNING WARNING  WARNING  *
P21    ***AFTER****       .5       .435KV= 94.6% OF    .460 KV     *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
3P25B  ***PRIOR****       3.0      .443KV= 96.4% OF    .460 KV     *  WARNING WARNING  WARNING  *
3P25B  ***DURING***       3.0      .363KV= 79.0% OF    .460 KV     *  WARNING WARNING  WARNING  *
3P25B  ***AFTER****       3.0      .434KV= 94.3% OF    .460 KV     *  WARNING WARNING  WARNING  *
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VOLTAGE DROP ANALYSIS CASE #=10

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
P22	***PRIOR****	.5	.444KV= 96.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*
P22	***DURING***	.5	.365KV= 79.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*
P22	***AFTER****	.5	.435KV= 94.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
P220	***PRIOR****	3.0	.444KV= 96.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*
P220	***DURING***	3.0	.364KV= 79.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*
P220	***AFTER****	3.0	.434KV= 94.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4P16A	***PRIOR****	50.0	.440KV= 95.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4P16A	***DURING***	50.0	.359KV= 78.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4P16A	***AFTER****	50.0	.430KV= 93.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3P16A	***PRIOR****	50.0	.440KV= 95.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P16A	***DURING***	50.0	.359KV= 78.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P16A	***AFTER****	50.0	.430KV= 93.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3V36A	***PRIOR****	2.0	.444KV= 96.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V36A	***DURING***	2.0	.364KV= 79.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V36A	***AFTER****	2.0	.435KV= 94.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
V78	***PRIOR****	5.0	.443KV= 96.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*
V78	***DURING***	5.0	.362KV= 78.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*
V78	***AFTER****	5.0	.433KV= 94.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B52	***PRIOR****	.452KV= 91.6% OF	.493KV	16.1	9.9	15.9	.0
3B52	***DURING***	.373KV= 75.6% OF	.493KV	16.1	9.9	10.8	.0
3B52	***AFTER****	.442KV= 89.7% OF	.493KV	16.1	9.9	15.3	.0

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3C2B	***PRIOR****	5.0	.450KV= 97.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3C2B	***DURING***	5.0	.371KV= 80.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3C2B	***AFTER****	5.0	.441KV= 95.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3V34B	***PRIOR****	5.0	.451KV= 98.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V34B	***DURING***	5.0	.373KV= 81.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V34B	***AFTER****	5.0	.442KV= 96.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3P10B	***PRIOR****	.8	.451KV= 98.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P10B	***DURING***	.8	.373KV= 81.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P10B	***AFTER****	.8	.442KV= 96.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3V65B	***PRIOR****	2.0	.448KV= 97.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V65B	***DURING***	2.0	.368KV= 80.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V65B	***AFTER****	2.0	.439KV= 95.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3S230	***PRIOR****	7.0	.446KV= 97.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3S230	***DURING***	7.0	.366KV= 79.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3S230	***AFTER****	7.0	.437KV= 95.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B53	***PRIOR****	.456KV= 92.4% OF	.493KV	14.6	9.0	26.5	.0
3B53	***DURING***	.445KV= 90.2% OF	.493KV	14.6	9.0	25.2	.0
3B53	***AFTER****	.454KV= 92.2% OF	.493KV	14.6	9.0	26.3	.0

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NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3854	***PRIOR****	.452KV= 91.7% OF	.493KV	14.6	9.0	23.9	.0
3854	***DURING***	.373KV= 75.7% OF	.493KV	14.6	9.0	16.3	.0
3854	***AFTER****	.443KV= 89.8% OF	.493KV	14.6	9.0	23.0	.0

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NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
2BUS113	***PRIOR****	233.822KV=100.4% OF233.000KV	.0	.0	.0	.0
2BUS113	***DURING***	233.675KV=100.3% OF233.000KV	.0	.0	.0	.0
2BUS113	***AFTER****	233.804KV=100.3% OF233.000KV	.0	.0	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AA1	***PRIOR****	4.018KV= 96.6% OF 4.160KV	4110.5	2562.7	.0	.0
3AA1	***DURING***	3.988KV= 95.9% OF 4.160KV	4110.5	2562.7	.0	.0
3AA1	***AFTER****	4.014KV= 96.5% OF 4.160KV	4110.5	2562.7	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AB1	***PRIOR****	3.968KV= 95.4% OF 4.160KV	8222.3	5129.7	.0	.0
3AB1	***DURING***	3.938KV= 94.7% OF 4.160KV	8222.3	5129.7	.0	.0
3AB1	***AFTER****	3.964KV= 95.3% OF 4.160KV	8222.3	5129.7	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AA2	***PRIOR****	3.974KV= 95.5% OF 4.160KV	5770.8	3260.8	.0	.0
3AA2	***DURING***	3.932KV= 94.5% OF 4.160KV	5770.8	3260.8	.0	.0
3AA2	***AFTER****	3.970KV= 95.4% OF 4.160KV	5770.8	3260.8	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AD	***PRIOR****	3.972KV= 95.5% OF 4.160KV	626.8	409.1	.0	.0
3AD	***DURING***	3.930KV= 94.5% OF 4.160KV	626.8	409.1	.0	.0
3AD	***AFTER****	3.967KV= 95.4% OF 4.160KV	626.8	409.1	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B01	***PRIOR****	.461KV= 93.5% OF .493KV	247.0	138.7	.0	.0
3B01	***DURING***	.421KV= 85.4% OF .493KV	438.2	1212.3	.0	.0
3B01	***AFTER****	.457KV= 92.6% OF .493KV	446.9	238.3	.0	.0

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STARTING MOTOR NAME		HP				
3P214A	***PRIOR****	.0	.000KV= .0% OF	.460 KV		* MOTOR NOT STARTED YET *
3P214A	***DURING***	250.0	.380KV= 82.6% OF	.460 KV		
3P214A	***AFTER****	250.0	.451KV= 98.0% OF	.460 KV		

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B03	***PRIOR****	.465KV= 94.3% OF	.493KV	82.6	51.3	210.1	1.5
3B03	***DURING***	.460KV= 93.3% OF	.493KV	82.6	51.3	205.5	1.5
3B03	***AFTER****	.464KV= 94.2% OF	.493KV	82.6	51.3	209.6	1.5

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B05V	***PRIOR****	.461KV= 93.5% OF	.493KV	8.8	5.4	29.3	.0
3B05V	***DURING***	.421KV= 85.4% OF	.493KV	8.8	5.4	24.4	.0
3B05V	***AFTER****	.457KV= 92.7% OF	.493KV	8.8	5.4	28.7	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B05N	***PRIOR****	.459KV= 93.0% OF	.493KV	215.5	135.0	13.7	.0
3B05N	***DURING***	.419KV= 84.9% OF	.493KV	215.5	135.0	11.4	.0
3B05N	***AFTER****	.455KV= 92.2% OF	.493KV	215.5	135.0	13.5	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B07	***PRIOR****	.459KV= 93.1% OF	.493KV	162.8	100.1	64.4	.3
3B07	***DURING***	.454KV= 92.0% OF	.493KV	162.8	100.1	63.0	.3
3B07	***AFTER****	.458KV= 93.0% OF	.493KV	162.8	100.1	64.3	.3

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B08V	***PRIOR****	.440KV= 89.3% OF	.493KV	237.5	145.7	1.7	.0
3B08V	***DURING***	.399KV= 81.0% OF	.493KV	237.5	145.7	1.4	.0
3B08V	***AFTER****	.436KV= 88.4% OF	.493KV	237.5	145.7	1.6	.0

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VOLTAGE DROP ANALYSIS CASE #=11

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3V30B	***PRIOR****	30.0	.426KV= 92.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V30B	***DURING***	30.0	.384KV= 83.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V30B	***AFTER****	30.0	.421KV= 91.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3V3B	***PRIOR****	75.0	.433KV= 94.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V3B	***DURING***	75.0	.391KV= 85.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V3B	***AFTER****	75.0	.428KV= 93.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
V11	***PRIOR****	10.0	.436KV= 94.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*
V11	***DURING***	10.0	.395KV= 85.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*
V11	***AFTER****	10.0	.432KV= 93.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
V29B	***PRIOR****	1.0	.439KV= 95.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*
V29B	***DURING***	1.0	.398KV= 86.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*
V29B	***AFTER****	1.0	.435KV= 94.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
E16C/17	***PRIOR****	34.0	.428KV= 93.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*
E16C/17	***DURING***	34.0	.386KV= 83.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*
E16C/17	***AFTER****	34.0	.423KV= 92.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*

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VOLTAGE DROP ANALYSIS CASE #=11

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
E16D	***PRIOR****	36.0	.437KV=	94.9% OF	.460 KV	*	WARNING	WARNING	WARNING *
E16D	***DURING***	36.0	.396KV=	86.0% OF	.460 KV	*	WARNING	WARNING	WARNING *
E16D	***AFTER****	36.0	.432KV=	94.0% OF	.460 KV	*	WARNING	WARNING	WARNING *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
P42B	***PRIOR****	3.0	.437KV=	94.9% OF	.460 KV	*	WARNING	WARNING	WARNING *
P42B	***DURING***	3.0	.395KV=	85.9% OF	.460 KV	*	WARNING	WARNING	WARNING *
P42B	***AFTER****	3.0	.432KV=	93.9% OF	.460 KV	*	WARNING	WARNING	WARNING *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
V77/E23	***PRIOR****	36.0	.435KV=	94.5% OF	.460 KV	*	WARNING	WARNING	WARNING *
V77/E23	***DURING***	36.0	.393KV=	85.5% OF	.460 KV	*	WARNING	WARNING	WARNING *
V77/E23	***AFTER****	36.0	.430KV=	93.5% OF	.460 KV	*	WARNING	WARNING	WARNING *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
NS74B	***PRIOR****	50.5	.432KV=	93.9% OF	.460 KV	*	WARNING	WARNING	WARNING *
NS74B	***DURING***	50.5	.390KV=	84.9% OF	.460 KV	*	WARNING	WARNING	WARNING *
NS74B	***AFTER****	50.5	.428KV=	93.0% OF	.460 KV	*	WARNING	WARNING	WARNING *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
S77B	***PRIOR****	3.4	.435KV=	94.6% OF	.460 KV	*	WARNING	WARNING	WARNING *
S77B	***DURING***	3.4	.394KV=	85.6% OF	.460 KV	*	WARNING	WARNING	WARNING *
S77B	***AFTER****	3.4	.431KV=	93.6% OF	.460 KV	*	WARNING	WARNING	WARNING *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
S78B	***PRIOR****	3.4	.436KV=	94.7% OF	.460 KV	*	WARNING	WARNING	WARNING *
S78B	***DURING***	3.4	.394KV=	85.7% OF	.460 KV	*	WARNING	WARNING	WARNING *
S78B	***AFTER****	3.4	.431KV=	93.7% OF	.460 KV	*	WARNING	WARNING	WARNING *

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
S75B	***PRIOR****	5.0	.434KV= 94.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S75B	***DURING***	5.0	.393KV= 85.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S75B	***AFTER****	5.0	.430KV= 93.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B50	***PRIOR****	.443KV= 89.8% OF	.493KV	123.4	60.8	.0	.0
3B50	***DURING***	.402KV= 81.6% OF	.493KV	123.4	60.8	.0	.0
3B50	***AFTER****	.438KV= 88.9% OF	.493KV	123.4	60.8	.0	.0

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3P201C	***PRIOR****	150.0	.434KV= 94.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P201C	***DURING***	150.0	.393KV= 85.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P201C	***AFTER****	150.0	.430KV= 93.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AB2	***PRIOR****	3.927KV= 94.4% OF	4.160KV	5770.9	3261.1	.0	.0
3AB2	***DURING***	3.885KV= 93.4% OF	4.160KV	5770.9	3261.1	.0	.0
3AB2	***AFTER****	3.922KV= 94.3% OF	4.160KV	5770.9	3261.1	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B02	***PRIOR****	.459KV= 93.1% OF	.493KV	123.7	61.6	.0	.0
3B02	***DURING***	.454KV= 92.1% OF	.493KV	123.7	61.6	.0	.0
3B02	***AFTER****	.459KV= 93.0% OF	.493KV	123.7	61.6	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B04	***PRIOR****	.451KV= 91.5% OF	.493KV	123.5	77.5	.0	.0
3B04	***DURING***	.412KV= 83.5% OF	.493KV	305.1	1074.4	.0	.0
3B04	***AFTER****	.447KV= 90.6% OF	.493KV	323.7	171.8	.0	.0

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STARTING MOTOR NAME		HP				
3P214B	***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *	
3P214B	***DURING***	250.0	.365KV= 79.4% OF	.460 KV	* WARNING WARNING WARNING	*
3P214B	***AFTER****	250.0	.440KV= 95.6% OF	.460 KV	* WARNING WARNING WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP				
3S7B	***PRIOR****	150.0	.443KV= 96.2% OF	.460 KV	* WARNING WARNING WARNING	*
3S7B	***DURING***	150.0	.402KV= 87.4% OF	.460 KV	* WARNING WARNING WARNING	*
3S7B	***AFTER****	150.0	.438KV= 95.2% OF	.460 KV	* WARNING WARNING WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B06	***PRIOR****	.454KV= 92.2% OF	.493KV	191.1	117.5	47.5	.1
3B06	***DURING***	.449KV= 91.1% OF	.493KV	191.1	117.5	46.4	.1
3B06	***AFTER****	.454KV= 92.0% OF	.493KV	191.1	117.5	47.3	.1

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
808N	***PRIOR****	.445KV= 90.2% OF	.493KV	117.9	72.4	20.7	12.1
808N	***DURING***	.404KV= 82.0% OF	.493KV	117.9	72.4	17.1	10.0
808N	***AFTER****	.440KV= 89.3% OF	.493KV	117.9	72.4	20.3	11.9

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B52	***PRIOR****	.451KV= 91.5% OF	.493KV	16.1	9.9	15.9	.0
3B52	***DURING***	.411KV= 83.4% OF	.493KV	16.1	9.9	13.2	.0
3B52	***AFTER****	.447KV= 90.6% OF	.493KV	16.1	9.9	15.6	.0

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP				
3S230	***PRIOR****	7.0	.446KV= 96.9% OF	.460 KV	* WARNING WARNING WARNING	*
3S230	***DURING***	7.0	.405KV= 88.1% OF	.460 KV	* WARNING WARNING WARNING	*
3S230	***AFTER****	7.0	.441KV= 95.9% OF	.460 KV	* WARNING WARNING WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B53	***PRIOR****	.461KV= 93.5% OF	.493KV	14.6	9.0	27.1	.0
3B53	***DURING***	.421KV= 85.4% OF	.493KV	14.6	9.0	22.6	.0
3B53	***AFTER****	.457KV= 92.7% OF	.493KV	14.6	9.0	26.6	.0

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VOLTAGE DROP ANALYSIS CASE #=11

NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B54	***PRIOR****	.451KV= 91.5%	OF	.493KV	14.6	9.0	23.9	.0
3B54	***DURING***	.412KV= 83.5%	OF	.493KV	14.6	9.0	19.8	.0
3B54	***AFTER****	.447KV= 90.7%	OF	.493KV	14.6	9.0	23.4	.0

**********END OF JOB**********

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DATA VERIFICATION

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         1         2         3         4         5         6         7         8
12345678901234567890123456789012345678901234567890123456789012345678901234567890
  FILE:  \AUXSYS\U4APP10.DAT
  STEADY STATE SET @ 96% AND STARTING @ 82% FOR SAFETY BUSES
  STEADY STATE SET @ 90% AND STARTING @ 80% FOR NON-SAFETY BUSES
  EBASCO SERVICES INC.
  TURKEY POINT UNIT NO. 4. ELECTRICAL AUXILIARY SYSTEM DESIGN
  AUX SYS FED THRU THE S/U TRF. PSB-1.
  BUS 4AB2 ALIGNED TO 4AD, BUS 4B50 ALIGNED TO 4B04
  SEQUENCED LOADING FOR CALCULATION EC-145, REV. 4
  (3/08/91)
*A 1-11   1  1    40.00   6.0   6.0 0.85 0.85 0.92 0.92 0.20 0.20
1   4AA1    350.0  4.76 80.00 42.45  4.16  1.10  3.00
1   4AA2    350.0  4.76 80.00 42.45  4.16  1.10  3.00
1   4AD     250.0  4.76 80.00 30.3   4.16  1.10  3.00
2   4B01     30.0  0.48  0.00
2   4B03     30.0  0.48  0.00
3   4B05V    25.0  0.48  0.00
3   4B05N    25.0  0.48  0.00
3   4B07     25.0  0.48  0.00
3   4B08     25.0  0.48  0.00
2   4B50     30.0  0.48  0.00
1   4AB1    350.0  4.76 80.00 42.45  4.16  1.10  3.00
1   4AB2    350.0  4.76 80.00 42.45  4.16  1.10  3.00
2   4B02     30.0  0.48  0.00
2   4B04     30.0  0.48  0.00
3   4B06     25.0  0.48  0.00
3   4B52     25.0  0.48  0.00
3   4B51     25.0  0.48  0.00
3   4B53     25.0  0.48  0.00
3   4B54     25.0  0.48  0.00
9
  4AA1     96.0  82.0  30
1 4P1A    7000.0  4.0 6.49   0.0   1.0  0.90 0.959              1 .0028 .0062
6 4P1A      11111111211
7 7000.0
1 4P200A  6000.0  4.0 6.32   0.0   2.0        0.0              1 .0038 .0111
6 4P200A  1 00000000000   5061.0 5061.0 5061.0 5061.0 5061.0 5061.0 5061. 5061.0
7 5061.0 5061.0 5061.0
  4AA2     96.0  82.0  30
1 4P11A    400.0  4.0 5.09   0.0   2.0  0.85 0.938              1 .0291 .0256
6 4P11A     00000000000
7
1 4P210A   300.0  4.0 6.22   0.0   2.0  0.89 0.934              1 .0260 .0228
6 4P210A    12000000000
7
1 4P211A   450.0  4.0 4.74   0.0   2.0        0.0              1 .0291 .0256
6 4P211A    00000000000
7
1 4P215A   350.0  4.0 6.4    0.0   1.0  0.88  0.94              1 .0308 .0271
6 4P215A    1200000000
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12345678901234567890123456789012345678901234567890123456789012345678901234567890
7
1 4P3A     800.0  4.0 5.94    0.0   2.0  0.89 0.944              1 .0281 .0247
6 4P3A      00000000000   700.00 700.00 700.00 700.00 700.00 700.00 700.0 700.00
7 700.00 700.00 700.00
1 4P6A    2250.0  4.0 7.06    0.0   2.0  0.90 0.958              1 .0031 .0040
6 4P6A      00000000000   2210.0 2210.0 2210.0 2210.0 2210.0 2210.0 2210. 2210.0
7 2210.0 2210.0 2210.0
1 4P7A    1250.0  4.0 4.57    0.0   2.0         0.0              1 .0286 .0374
6 4P7A      00000000000
7
1 4P7C    1250.0  4.0 4.57    0.0   2.0         0.0              1 .0279 .0364
6 4P7C      00000000000
7
1 4P9A     325.0  4.0 5.8     0.0   2.0  0.82 0.928              1 .0453 .0398
6 4P9A      00000000000
7
2 DG4A      3.75 4.16 1.000       .077  .145  .693  30.00       0   .0111 .0369
6 DG4A    1 11111111111
7
  4AD      96.0  82.0  30
1 4P211C   450.0  4.0 4.74    0.0   2.0         0.0              1 .0444 .0390
6 4P211C    00000000000
7
1 4P9C     325.0  4.0 5.8     0.0   2.0  0.82 0.928  0.00        1 .0363 .0319
6 4P9C      00000000000
7
  4B01     96.0  82.0  30
1 4P201A   150.0 .460 5.800   0.0   2.0  0.90  .925              1 .0206 .0223
6 4P201A    00000000000
7
1 4P214A   250.0 .460 6.540   0.0   1.0  0.91  0.94 0.15         1 .0067 .0148
6 4P214A    11200000002
7
1 4S6A     150.0 .460 6.05    0.0   2.0         0.0              1 .0134 .0146
6 4S6A      00000000000
7
4 PH4B12   150.0 .480 1.000   0.0   0.0         0.0                .0070 .0101
6 PH4B12    11111111111
7
  4B53     90.0  80.0  30
1 HVACHP   18.0  .460 1.000   0.0   2.0         0.0              1
6 HVACHP    00000000000
7
4 HVACKW   27.0  .480 1.000   0.0   0.0         0.0              1
6 HVACKW    00000000000
7
  4B03     96.0  82.0  30
1 4K10     100.0 .460         0.0   2.0         0.0              1 .0217 .0148
6 4K10    1 11111111111
7
```

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1 4P212    100.0 .460          0.0   2.0         0.0                1 .0449 .0306
6 4P212     00000000000
7
1 4P32     200.0 .460          0.0   2.0         0.0                1 .0111 .0225
6 4P32    1 11111111111
7
4 PH4X09   300.0 .480 1.000    0.0   0.0         0.0                  .0048 .0069
6 PH4X09    00000000000
7
  4B05V    96.0  82.0  30
1 4P31      40.0 .460          0.0   2.0         0.0                1 .0507 .0122
6 4P31    1 11111111111
7
1 4P36      25.0 .460          0.0   2.0         0.0                1 .0550 .0060
6 4P36    1 11111111111
7
1 4P37      8.0  .460          0.0   2.0         0.0                1 .2303 .0050
6 4P37    1 11111111111
7
1 4P40      20.0 .460          0.0   2.0         0.0                1 .3342 .0106
6 4P40    1 11111111111
7
1 4T0B      50.0 .460          0.0   2.0         0.0                1 .0154 .0058
6 4T0B    1 11111111111
7
1 4V1C     100.0 .460 7.75     0.0   2.0         0.0                1 .0347 .0236
6 4V1C      00000000001
7
1 4V30B     30.0 .460 5.39     0.0   2.0         0.0                1 .2817 .0343
6 4V30B     11200000000
7
1 4V3B      75.0 .460 6.06     0.0   2.0         0.0                1 .0328 .0223
6 4V3B      11111200000
7
1 4C1       75.0 .460          0.0   2.0         0.0                1 .0200 .0136
6 4C1     1 11111111111
7
4 STATICL   01.0 .480 1.000    0.0   0.0         0.0
6 STATICL   00000000000
7
1 HOV1420    5.2 .460   5.66         2.0  0.85   .54 0.6           1 .7312 .0159
6 HOV1420   20000111111
7
1 HOV1400    .33 .460   7.33         2.0  0.85   .48 0.6           1 .6663 .0145
6 HOV1400   20000111111
7
1 HOV1427    .25 .460   4.91         2.0  0.85   .50 0.6           1 1.290 .0280
6 HOV1427   20000111111
7
  4B05N    90.0  80.0    30
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1 4C19       0.5 .460          0.0   2.0         0.0                1 .2638 .0057
6 4C19     1 11111111111
7
1 4P15       3.0 .460          0.0   2.0         0.0                1 .4874 .0106
6 4P15     1 11111111111
7
1 4P19A      0.5 .460          0.0   2.0         0.0                1 .4338 .0094
6 4P19A    1 11111111111
7
1 4P19B      0.5 .460          0.0   2.0         0.0                1 .4561 .0099
6 4P19B    1 11111111111
7
1 4P232B    10.0 .460          0.0   2.0         0.0                1 1.163 .0253
6 4P232B   1 11111111111
7
1 4P28A      3.0 .460          0.0   2.0         0.0                1 .2974 .0065
6 4P28A    1 11111111111
7
1 4P34A     0.75 .460          0.0   2.0         0.0                1 .6865 .0149
6 4P34A    1 11111111111
7
1 4P4       10.0 .460          0.0   2.0         0.0                1 .4942 .0107
6 4P4      1 11111111111
7
1 4P43       5.0 .460          0.0   2.0         0.0                1 1.073 .0233
6 4P43     1 11111111111
7
1 4P49      0.75 .460          0.0   2.0         0.0                1 .3287 .0071
6 4P49     1 11111111111
7
1 4P5       40.0 .460          0.0   2.0         0.0                1 .1010 .0242
6 4P5      1 11111111111
7
1 4T9       25.0 .460          0.0   2.0         0.0                1 .1575 .0173
6 4T9      1 11111111111
7
1 4V14A      7.5 .460          0.0   2.0         0.0                1 .7558 .0164
6 4V14A      00000000000
7
1 4V5        0.5 .460          0.0   2.0         0.0                1 .1520 .0033
6 4V5        00000000000
7
1 4V16       2.0 .460          0.0   2.0         0.0                1 .3041 .0066
6 4V16       00000000000
7
1 4V18       7.5 .460          0.0   2.0         0.0                1 .4427 .0096
6 4V18       00000000000
7
1 4V19A     15.0 .460          0.0   2.0         0.0                1 .1165 .0037
6 4V19A      00000000000
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DATA VERIFICATION

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7
1 4V31B      3.0 .460        0.0   2.0         0.0              1 .7222 .0157
6 4V31B     00000000000
7
1 4V32B     0.75 .460        0.0   2.0         0.0              1 1.096 .0238
6 4V32B     00000000000
7
1 4V4        5.0 .460        0.0   2.0         0.0              1 .4986 .0108
6 4V4       00000000000
7
1 4V6A       7.5 .460        0.0   2.0         0.0              1 .3197 .0069
6 4V6A      00000000000
7
1 4F20A/B    1.5 .460        0.0   2.0         0.0              1 .3342 .0106
6 4F20A/B   00000000000
7
1 4P90A      2.0 .460        0.0   2.0         0.0              1 .6809 .0217
6 4P90A     00000000000
7
1 4P90B      2.0 .460        0.0   2.0         0.0              1 .6809 .0217
6 4P90B     00000000000
7
1 4P90C      2.0 .460        0.0   2.0         0.0              1 .6809 .0217
6 4P90C     00000000000
7
4 D10        3.0 .480 1.000  0.0   0.0         0.0              1 .9190 .1007
6 D10       00000000000
7
1 4XS75/76  20.0 .460        0.0   2.0 0.81    0.0              1 .1816 .0199
6 4XS75/76  00000000000
7
4 STATICL  260.0 .480 1.000  0.0   0.0         0.0
6 STATICL   00000000000
7
  4B07     96.0  82.0    30
1 E16F      36.0 .460        0.0   2.0         0.0              1 .0563 .0118
6 E16F      00000000000
7
1 4P203A    15.0 .460        0.0   2.0         0.0              1 .0776 .0141
6 4P203A    00000000000
7
1 4V1A     100.0 .460 7.75   0.0   2.0         0.0              1 .0135 .0092
6 4V1A      00000000001
7
1 P207B      6.0 .460        0.0   2.0         0.0              1 .3712 .0081
6 P207B     11111111111
7
1 4V2A      60.0 .460        0.0   2.0         0.0              1 .0476 .0207
6 4V2A      00000000000
7
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12345678901234567890123456789012345678901234567890123456789012345678901234567890
4 4D25       1.0 .480 1.000   0.0   0.0         0.0                  .0481 .0115
6 4D25      00000000000
7
4 STATICL    1.0 .480 1.000   0.0   0.0           0
6 STATICL   00000000000
7
1 MOV1426   0.25 .460   4.91        2.0  0.85   .5  0.6          1 .4248 .0092
6 MOV1426   20000111111
7
1 MOV6386   0.13 .460   7.11        2.0  0.85   .32 0.6          1 .7582 .0241
6 MOV6386   20000111111
7
1 MOV1401   0.33 .460   7.33        2.0  0.85   .48 0.6          1 1.478 .0321
6 MOV1401   20000111111
7
1 MOV880A    2.0 .460   3.71        2.0  0.85   .63 0.6          1 .2996 .0065
6 MOV880A   20000111111
7
1 MOV716A    1.3 .460   3.75        2.0  0.85   .6  0.6          1 .3242 .0070
6 MOV716A   20000111111
7
1 MOV744A   10.3 .460   7.22        2.0  0.85   .8  0.6          1 .4764 .0213
6 MOV744A   20000111111
7
1 MOV843A   1.58 .460   7.43        2.0  0.85   .5  0.6          1 .5344 .0116
6 MOV843A   20000111111
7
  4B08     96.0  82.0    30
1 4V1B     100.0 .460 7.75    0.0   2.0         0.0              1 .0122 .0083
6 4V1B      00000000001
7
1 4V30A     30.0 .460 5.39    0.0   2.0         0.0              1 .0625 .0100
6 4V30A     11120000000
7
1 4V3A      75.0 .460 6.06    0.0   2.0         0.0              1 .0195 .0133
6 4V3A      11111120000
7
1 S77A       5.0 .460         0.0   2.0         0.0              1 .2780 .0089
6 S77A      00000000000   3.4    3.4    3.4    3.4    3.4    3.4    3.4   3.4
7 3.4    3.4    3.4
1 S78A       5.0 .460         0.0   2.0         0.0              1 .2696 .0086
6 S78A      00000000000   3.4    3.4    3.4    3.4    3.4    3.4    3.4   3.4
7 3.4    3.4    3.4
1 S75A       5.0 .460         0.0   2.0         0.0              1 .3370 .0107
6 S75A      00000000000
7
1 NS74A     60.0 .460         0.0   2.0         0.0              1 .0285 .0130
6 NS74A     00000000000   50.5   50.5   50.5   50.5   50.5   50.5   50.5  50.5
7 50.5   50.5   50.5
1 E16B/17   34.0 .460         0.0   2.0         0.0              1 .1985 .0204
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12345678901234567890123456789012345678901234567890123456789012345678901234567890
6 E16B/17   00000000000
7
1 V8A       40.0 .460         0.0   2.0         0.0               1 .0343 .0082
6 V8A       00000000000
7
1 V10       10.0 .460         0.0   2.0         0.0               1 .5948 .0129
6 V10       00000000000
7
1 V29A       1.0 .460         0.0   2.0         0.0               1 .3061 .0097
6 V29A      20000000000
7
1 V76/232   36.0 .460         0.0   2.0         0.0               1 .0888 .0075
6 V76/232   00000000000
7
4 3D25A     18.7 .480 1.000                                         .0166 .0040
6 3D25A     00000000000
4 3D02A     25.0 .480 1.000                                         .0075 .0034
6 3D02A     00000000000
4 STATICL    1.0 .480 1.000   0.0   0.0         0.0
6 STATICL   00000000000
7
1 MOV1404   0.33 .460   3.60        2.0  0.85   .29 0.6           1 .3608 .0115
6 MOV1404   20000111111
7
1 MOV1417   1.5  .460   5.71        2.0  0.85   .5  0.6           1 .3678 .0117
6 MOV1417   20000111111
7
1 MOV6552A  0.13 .460   7.11        2.0  0.85   .32 0.6           1 .3819 .0122
6 MOV6552A  20000111111
7
1 MOV6543A  0.13 .460   7.11        2.0  0.85   .32 0.6           1 .3356 .0107
6 MOV6543A  20000111111
7
  4B50     96.0  82.0    30
1 4P201C   150.0 .460 5.800   0.0   2.0  0.90   0.0               1 .0136 .0147
6 4P201C    00000000000
7
  4B51     96.0  82.0    30
1 4P244A     1.0 .460         0.0   2.0         0.0               1 .1081 .0034
6 4P244A    20000000000
7
1 4V63A      2.0 .460         0.0   2.0         0.0               1 .0590 .0019
6 4V63A     20000000000
7
1 4V70A      0.5 .460         0.0   2.0         0.0               1 .1123 .0036
6 4V70A     00000000000
7
1 4V65A      2.0 .460         0.0   2.0         0.0               1 .0744 .0024
6 4V65A     00000000000
7
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12345678901234567890123456789012345678901234567890123456789012345678901234567890
1 4V67A     40.0 .460         0.0   2.0         0.0                1 .0092 .0042
6 4V67A     20000000000
7
1 4V64A      3.0 .460         0.0   2.0         0.0                1 .0323 .0010
6 4V64A     00000000000
7
1 4P241A     1.0 .460         0.0   2.0         0.0                1 .2190 .0070
6 4P241A    20000000000
7
1 4S226A    15.0 .460         0.0   2.0         0.0                1 .0748 .0082
6 4S226A    20000000000
7
1 4V68A     40.0 .460         0.0   2.0         0.0                1 .0103 .0047
6 4V68A     20000000000
7
1 4P245A    0.75 .460         0.0   2.0         0.0                1 .1081 .0034
6 4P245A    20000000000
7
1 4V69A     40.0 .460         0.0   2.0         0.0                1 .0116 .0053
6 4V69A     20000000000
7
1 4S231A     9.5 .460         0.0   2.0         0.0                1 .0777 .0040
6 4S231A    00000000000
7
1 4S230      7.0 .460         0.0   2.0         0.0                1 .1236 .0039
6 4S230     00000000000
7
4 STATICL    1.0 .480 1.000   0.0   0.0         0.0
6 STATICL   00000000000
7
  4AB1      96.0  82.0    30
1 4P200B  6000.0  4.0 6.32   0.0   2.0         0.0                1 .0032 .0097
6 4P200B    00000000020  5061.0 5061.0 5061.0 5061.0 5061.0 5061.0 5061. 5061.0
7 5061.0 6000.0 5061.0
1 4P200C  6000.0  4.0 6.32   0.0   2.0         0.0                1 .0050 .0135
6 4P200C  1 00000000000   5061.0 5061.0 5061.0 5061.0 5061.0 5061.0 5061. 5061.0
7 5061.0 5061.0 5061.0
  4AB2      96.0  82.0    30
1 4P11B    400.0  4.0 5.09   0.0   2.0  0.85 0.938  0.00  0.00   1 .0249 .0219
6 4P11B     00000000000
7
1 4P210B   300.0  4.0 6.22   0.0   2.0  0.89 0.934               1 .0264 .0232
6 4P210B    12000000000
7
1 4P211B   450.0  4.0 4.74   0.0   2.0         0.0                1 .0297 .0261
6 4P211B    00000000000
7
1 4P215B   350.0  4.0 6.4    0.0   1.0  0.88  0.94               1 .0322 .0284
6 4P215B    12000000000
7
```

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DATA VERIFICATION

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         1         2         3         4         5         6         7         8
12345678901234567890123456789012345678901234567890123456789012345678901234567890
1 4P3B     800.0  4.0 5.94    0.0   2.0  0.89 0.944                1 .0226 .0199
6 4P3B      00000000000   700.00 700.00 700.00 700.00 700.00 700.00 700.0 700.00
7 700.00 700.00 700.00
1 4P6B    2250.0  4.0 7.06    0.0   2.0  0.90 0.958                1 .0029 .0037
6 4P6B      00000000000   2210.0 2210.0 2210.0 2210.0 2210.0 2210.0 2210. 2210.0
7 2210.0 2210.0 2210.0
1 4P7D    1250.0  4.0 4.57    0.0   2.0         0.0               1 .0267 .0349
6 4P7D      00000000000
7
1 4P7B    1250.0  4.0 4.57    0.0   2.0         0.0               1 .0275 .0359
6 4P7B      00000000000
7
1 4P9B     325.0  4.0 5.8     0.0   2.0  0.82 0.928  0.00  0.00   1 .0452 .0398
6 4P9B      00000000000
7
2 DG4B      3.75 4.16 1.000       .077  .145  .693  30.00       0   .0150 .0504
6 DG4B    1 11111111111
7
  4B02     96.0  82.0    30
1 4P201B   150.0 .460 5.800   0.0   2.0  0.90 0.925                1 .0271 .0294
6 4P201B    00000000000
7
1 4V1D     100.0 .460 7.75    0.0   2.0         0.0               1 .0576 .0392
6 4V1D      00000000001
7
  4B04     96.0  82.0    30
1 4P214B   250.0 .460 6.540   0.0   1.0  0.91  0.94 0.15          1 .0057 .0124
6 4P214B    11200000002
7
1 4S7B     150.0 .460         0.0   2.0         0.0               1 .0110 .0119
6 4S7B      00000000000   75.0   75.0   75.0   75.0   75.0   75.0   75.0  75.0
7 75.0   75.0   75.0
4 PH4B13   150.0 .480 1.000   0.0   0.0         0.0               1 .0055 .0079
6 PH4B13    11111111111
7
  4B54     90.0  80.0    30
1 HVACHP    18.0 .460 1.000   0.0   2.0         0.0               1
6 HVACHP    00000000000
7
4 HVACKW    27.0 .480 1.000   0.0   0.0         0.0               1
6 HVACKW    00000000000
7
  4B06     96.0  82.0    30
1 4P203B    15.0 .460         0.0   2.0         0.0               1 .1355 .0325
6 4P203B    00000000000
7
1 E16A/17A  34.0 .460         0.0   2.0         0.0               1 .0747 .0075
6 E16A/17A  00000000000
7
1 4V20      20.0 .460         0.0   2.0         0.0               1 .1943 .0101
```

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     1         2         3         4         5         6         7         8
12345678901234567890123456789012345678901234567890123456789012345678901234567890
6 4V20     1 11111111111
7
1 4V19B      15.0 .460         0.0   2.0         0.0              1 .4535 .0144
6 4V19B      00000000000
7
1 4V2B       60.0 .460         0.0   2.0         0.0              1 .0668 .0251
6 4V2B       00000000000
7
1 4V30C      30.0 .460 5.39    0.0   2.0         0.0              1 .2307 .0302
6 4V30C      11200000000
7
1 4V3C       75.0 .460 6.06    0.0   2.0         0.0              1 .0429 .0292
6 4V3C       11111200000
7
1 4V9        20.0 .460         0.0   2.0         0.0              1 .2172 .0112
6 4V9      1 11111111111
7
1 4V36        2.0 .460         0.0   2.0         0.0              1 .8474 .0184
6 4V36       00000000000
7
4 4D02       25.0 .480 1.000                                         .0172 .0117
6 4D02       00000000000
4 STATICL    10.0 .480 1.000   0.0   0.0         0.0
6 STATICL    00000000000
7
1 MOV381     0.42 .460   5.26        2.0  0.85   .49 0.6          1 .6999 .0152
6 MOV381     20000111111
7
1 MOV626      1.0 .460   5.71        2.0  0.85   .39 0.6          1 .7781 .0169
6 MOV626     20000111111
7
1 MOV716B     1.3 .460   3.75        2.0  0.85   .60 0.6          1 .4914 .0156
6 MOV716B    20000111111
7
1 MOV730      1.3 .460   3.75        2.0  0.85   .60 0.6          1 .7110 .0155
6 MOV730     20000111111
7
1 MOV744B    10.5 .460   7.22        2.0  0.85   .80 0.6          1 .4934 .0169
6 MOV744B    20000111111
7
1 MOV843B    1.58 .460   7.43        2.0  0.85   .50 0.6          1 .6887 .0150
6 MOV843B    20000111111
7
1 MOV880B     2.0 .460   3.71        2.0  0.85   .63 0.6          1 .6775 .0147
6 MOV880B    20000111111
7
1 MOV1402    0.33 .460   7.33        2.0  0.85   .48 0.6          1 .6596 .0143
6 MOV1402    20000111111
7
1 MOV1418    1.5  .460   5.71        2.0  0.85   .50 0.6          1 .5855 .0186
```

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DATA VERIFICATION

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         1         2         3         4         5         6         7         8
12345678901234567890123456789012345678901234567890123456789012345678901234567890
6 MOV1418   20000111111
7
1 MOV1421    5.2 .460  5.66        2.0  0.85   .54 0.6          1 .7312 .0159
6 MOV1421   20000111111
7
1 MOV1425   0.25 .460  4.91        2.0  0.85   .50 0.6          1 .9704 .0211
6 MOV1425   20000111111
7
  4B52     96.0  82.0    30
1 4P244B     1.0 .460        0.0   2.0        0.0              1 .1179 .0038
6 4P244B    20000000000
7
1 4V63B      2.0 .460        0.0   2.0        0.0              1 .0562 .0018
6 4V63B     00000000000
7
1 4V70B      0.5 .460        0.0   2.0        0.0              1 .1432 .0046
6 4V70B     00000000000
7
1 4V65B      2.0 .460        0.0   2.0        0.0              1 .0646 .0021
6 4V65B     00000000000
7
1 4V67B     40.0 .460        0.0   2.0        0.0              1 .0084 .0038
6 4V67B     20000000000
7
1 4V64B      3.0 .460        0.0   2.0        0.0              1 .0323 .0010
6 4V64B     00000000000
7
1 4P241B     1.0 .460        0.0   2.0        0.0              1 .2429 .0077
6 4P241B    20000000000
7
1 4S226B    15.0 .460        0.0   2.0        0.0              1 .0513 .0056
6 4S226B    20000000000
7
1 4V68B     40.0 .460        0.0   2.0        0.0              1 .0103 .0047
6 4V68B     20000000000
7
1 4P245B    0.75 .460        0.0   2.0        0.0              1 .1179 .0038
6 4P245B    20000000000
7
1 4V69B     40.0 .460        0.0   2.0        0.0              1 .0111 .0051
6 4V69B     20000000000
7
1 4S231B     9.5 .460        0.0   2.0        0.0              1 .0829 .0040
6 4S231B    00000000000
7
4 STATICL    1.0 .480 1.000  0.0   0.0        0.0
6 STATICL   00000000000
7
  2BUS114
3 SWICHYD  15000  19.21.008  4435
```

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DATA VERIFICATION

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         1         2         3         4         5         6         7         8
12345678901234567890123456789012345678901234567890123456789012345678901234567890
6 SWICHYD
9
  C TRLIN H1      2BUS114
  C NONSG X1      4AA1            .0005 .0018
  C NONSG Y1      4AB1            .0005 .0021
  T 4X03  H1      X1      Y1       40.0 233.03 4.16  4.16
                                  16.64 0.67  16.64 0.67  29.89 1.19
  R 4AA2  4AA1    4AA2              0.0   0.0  0.04 80.00  0.00  0.00
  C 4AD   4AB2    4AD             .0124 .0278
  C 4B01  X2      4B01              0.0   0.0
  C 4B03  X4      4B03              0.0   0.0
  C 4B05V 4B01    4B05V           .0020 .0041
  C 4B05N 4B01    4B05N           .0046 .0050
  C 4B07  4B03    4B07            .0037 .0075
  C 4B08  4B50    4B08            .0004 .0009
  C 4B50  4B04    4B50            .0026 .0052
  C 4B51  4B01    4B51            .0109 .0219
  C 4X04  4AA2    H2              .0035 .0031
  T 4X04  H2      X2                1.0  4.055 0.48       2.5
                                   5.63 0.544
  C 4X06  4AA2    H4              .0025 .0022
  T 4X06  H4      X4                1.0  4.055 0.48       2.5
                                   5.61 0.544
  R 4AB2  4AB1    4AB2              0.0   0.0  0.04 80.00  0.00  0.00
  C 4B02  X3      4B02              0.0   0.0
  C 4B04  X5      4B04              0.0   0.0
  C 4B06  4B02    4B06            .0025 .0050
  C 4B52  4B04    4B52            .0119 .0240
  T 4X05  H3      X3                1.0  4.055 0.48       2.5
                                   5.61 0.544
  C 4X05  4AB2    H3              .0032 .0028
  C 4X07  4AB2    H5              .0039 .0034
  C 4B53  4B01    4B53            .0018 .0020
  C 4B54  4B04    4B54            .0027 .0029
  T 4X07  H5      X5                1.0 4.055  0.48       2.5
                                   5.65 0.544
```

EBASCO SERVICES INCORPORATED
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FILE: \AUXSYS\U4APP10.DAT
STEADY STATE SET @ 96% AND STARTING @ 82% FOR SAFETY BUSES
STEADY STATE SET @ 90% AND STARTING @ 80% FOR NON-SAFETY BUSES
EBASCO SERVICES INC.
TURKEY POINT UNIT NO. 4: ELECTRICAL AUXILIARY SYSTEM DESIGN
AUX SYS FED THRU THE S/U TRF. PSB-1.
BUS 4AB2 ALIGNED TO 4AD, BUS 4B50 ALIGNED TO 4B04
SEQUENCED LOADING FOR CALCULATION EC-145, REV. 4
(3/08/91)

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GENERAL INSTRUCTION CARD DATA

NUMBER OF VOLTAGE DROP CASES	S/C CASE 1=YES 2=NO	TYPE OF OUTPUT	BASE MVA
1-11	1	SHORT	40.000

OPTIONAL USER SELECTED ASSUMED DATA

		DATA					
LRA/FLA >1KV	LRA/FLA <=1KV	OP PF >1KV	OP PF <=1KV	OP EFF >1KV	OP EFF <=1KV	ST PF >1KV	ST PF <=1KV
6.00	6.00	.85	.85	.92	.92	.20	.20

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SHORT CIRCUIT & REACTANCE SIZING PARAMETERS

TYPE	BUS NAME	MVA CLASS	RATED MAX KV	RATED C&L KA	RATED SC @ MAX KV	HPFV KV	"S" FACTOR	MIN CPT	FIXED K3	PERMISSIBLE INT CAP OF BREAKER KA@ HPFV	ASSYM MULT FOR C&L
1	4AA1	350.00	4.760	80.0	42.45	4.160	1.100	3.000	(*****)	48.57	(1.60)
1	4AA2	350.00	4.760	80.0	42.45	4.160	1.100	3.000	(*****)	48.57	(1.60)
1	4AD	250.00	4.760	80.0	30.30	4.160	1.100	3.000	(*****)	34.67	(1.60)
2	4B01	30.00	.480(*****)		(1.00)	.00					
2	4B03	30.00	.480(*****)		(1.00)	.00					
3	4B05V	25.00	.480(*****)		(1.00)	.00					
3	4B05N	25.00	.480(*****)		(1.00)	.00					
3	4B07	25.00	.480(*****)		(1.00)	.00					
3	4B08	25.00	.480(*****)		(1.00)	.00					
2	4B50	30.00	.480(*****)		(1.00)	.00					
1	4AB1	350.00	4.760	80.0	42.45	4.160	1.100	3.000	(*****)	48.57	(1.60)
1	4AB2	350.00	4.760	80.0	42.45	4.160	1.100	3.000	(*****)	48.57	(1.60)
2	4B02	30.00	.480(*****)		(1.00)	.00					
2	4B04	30.00	.480(*****)		(1.00)	.00					
3	4B06	25.00	.480(*****)		(1.00)	.00					
3	4B52	25.00	.480(*****)		(1.00)	.00					
3	4B51	25.00	.480(*****)		(1.00)	.00					
3	4B53	25.00	.480(*****)		(1.00)	.00					
3	4B54	25.00	.480(*****)		(1.00)	.00					

NOTE: TYPE 1 FAULT= MEDIUM VOLTAGE FAULT CALCULATION
TYPE 2 FAULT= LOW VOLTAGE POWER CIRCUIT BREAKER FAULT CALCULATION
TYPE 3 FAULT= LOW VOLTAGE MOLDED CASE BREAKER FAULT CALCULATION
(*****) = COMPUTER WILL CALCULATE K FACTOR

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BUS NAME	MIN ALLOWABLE VOLTAGE FOR S S	MIN ALLOWABLE VOLTAGE WHEN STARTING OTHER MOTORS	MAX # WARNINGS FOR LOW VOLT
4AA1	96.00 %	82.00 %	30.0

****
* LOAD DATA *
****

TYPE	NAME	RATED HP / RATED MVA / RATED MVA	RATED KV	LRA/ FLA / PU OP VOLT / PU OP VOLT	K1 FACTOR / V/D MVA	SPEED 3.6K=1 <3.6K=2 / OHMS FOR REACT OR Z% FOR TRANSF	OP PWR FACTOR / % R/X FOR REAC OR %R FOR TRANSF	OP EFF / X C&L / X INT / X GVD / TRANSF MVA	ST PF / X/R / REACT -TOL OR TRANSF KV	R-OHMS T-T / REAC +TOL OR TRANSF TOL	HOT SYN=2 IND=1 / ANG DEG	CABLE RES REAC	0=ON 1=OFF CON FOR S/C	VOLTAGE DROP CONDITION CODES (0=ON;1=OFF;2=STARTING)
1	MOTOR NAME	RATED HP	RATED KV	LRA/ FLA	K1 FACTOR	SPEED 3.6K=1 <3.6K=2	OP PWR FACTOR	OP EFF	ST PF	R-OHMS T-T	HOT SYN=2 IND=1	CABLE RES REAC	CON FOR S/C	VOLTAGE DROP CONDITION CODES (0=ON;1=OFF;2=STARTING)
2	GEN NAME	RATED MVA	RATED KV	PU OP VOLT		X C&L	X INT	X GVD	X/R		ANG DEG	CABLE RES REAC	CON FOR S/C	
3	SYSTEM NAME	S/C MVA	X/R	PU OP VOLT	V/D MVA	OHMS FOR REACT OR Z% FOR TRANSF	% R/X FOR REAC OR %R FOR TRANSF	TRANSF MVA	REACT -TOL OR TRANSF KV	REAC +TOL OR TRANSF TOL	ANG DEG	CABLE RES REAC	CON FOR S/C	
4	STATIC NAME	RATED KVA	RATED KV	RATED PF								CABLE RES REAC	CON FOR S/C	

	NAME	RATED HP / RATED MVA / RATED MVA	RATED KV	LRA/ FLA / PU OP VOLT / PU OP VOLT	K1 FACTOR / V/D MVA	SPEED 3.6K=1 <3.6K=2 / OHMS FOR REACT OR Z% FOR TRANSF	OP PWR FACTOR / % R/X FOR REAC OR %R FOR TRANSF	OP EFF / X C&L / X INT / X GVD / TRANSF MVA	ST PF / X/R / REACT -TOL OR TRANSF KV	R-OHMS T-T / REAC +TOL OR TRANSF TOL	HOT SYN=2 IND=1 / ANG DEG	CABLE RES	CABLE REAC	CON FOR S/C	1	2	3	4	5	6	7	8	9	10	11
	4P1A	7000.00	4.000	6.490 (	1.0)	1.000	.900	.959 (	.200)(	****)(	1.)	.003	.006	(0)	1	1	1	1	1	1	1	1	2	1	1
1	4P200A	6000.00	4.000	6.320 (	1.0)	2.000 (	.850)(	.920)(	.200)(	****)(	1.)	.004	.011	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)

**********CHANGES TO LOAD DATA FOR VOLTAGE DROP CASE **********

DEVICE NAME		CASE: 1	2	3	4	5	6	7	8	9	10	11
1 4P200A	RATED HP	5061.00	5061.00	5061.00	5061.00	5061.00	5061.00	5061.00	5061.00	5061.00	5061.00	5061.00

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BUS NAME	MIN ALLOWABLE VOLTAGE FOR S S	MIN ALLOWABLE VOLTAGE WHEN STARTING OTHER MOTORS	MAX # WARNINGS FOR LOW VOLT
4AA2	96.00 %	82.00 %	30.0

****
* LOAD DATA *
****

TYPE	NAME	RATED HP / RATED KVA	RATED KV	LRA/ FLA / PU OP VOLT	K1 FACTOR / V/D MVA	SPEED 3.6K=1 <3.6K=2 / OHMS FOR REACT OR Z% FOR TRANSF	OP PWR FACTOR / X C&L / % R/X FOR REAC OR %R FOR TRANSF	OP EFF / X INT / TRANSF MVA	ST PF / X/R / REACT -TOL OR TRANSF KV	R-OHMS T-T / REAC +TOL OR TRANSF TOL	HOT SYN=2 IND=1 / ANG DEG	CABLE RES REAC	0=ON 1=OFF CON FOR S/C	VOLTAGE DROP CONDITION CODES (0=ON;1=OFF;2=STARTING)
1	MOTOR NAME	RATED HP	RATED KV	LRA/ FLA	K1 FACTOR	SPEED 3.6K=1 <3.6K=2	OP PWR FACTOR	OP EFF	ST PF	R-OHMS T-T	HOT SYN=2 IND=1	CABLE RES REAC	CON FOR S/C	VOLTAGE DROP CONDITION CODES (0=ON;1=OFF;2=STARTING)
2	GEN NAME	RATED MVA	RATED KV	PU OP VOLT		X C&L	X INT	X GVD	X/R		ANG DEG	CABLE RES REAC	CON FOR S/C	
3	SYSTEM NAME	S/C MVA	X/R	PU OP VOLT	V/D MVA	OHMS FOR REACT OR Z% FOR TRANSF	% R/X FOR REAC OR %R FOR TRANSF	TRANSF MVA	REACT -TOL OR TRANSF KV	REAC +TOL OR TRANSF TOL	ANG DEG	CABLE RES REAC	CON FOR S/C	
4	STATIC NAME	RATED KVA	RATED KV	RATED PF								CABLE RES REAC	CON FOR S/C	

TYPE	NAME	RATED HP / RATED KVA	RATED KV	LRA/ FLA / PU OP VOLT	K1 FACTOR / V/D MVA	SPEED 3.6K=1 <3.6K=2 / OHMS FOR REACT OR Z% FOR TRANSF	OP PWR FACTOR / X C&L / % R/X FOR REAC OR %R FOR TRANSF	OP EFF / X INT / TRANSF MVA	ST PF / X/R / REACT -TOL OR TRANSF KV	R-OHMS T-T / REAC +TOL OR TRANSF TOL	HOT SYN=2 IND=1 / ANG DEG	CABLE RES	CABLE REAC	CON FOR S/C	1	2	3	4	5	6	7	8	9	10	11
	4P11A	400.00	4.000	5.090	1.2	2.000	.850	.938	.200	****	1.	.029	.026	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1	4P210A	300.00	4.000	6.220	1.2	2.000	.890	.934	.200	****	1.	.026	.023	(0)	1	2	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1	4P211A	450.00	4.000	4.740	1.2	2.000	.850	.920	.200	****	1.	.029	.026	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1	4P215A	350.00	4.000	6.400	1.0	1.000	.880	.940	.200	****	1.	.031	.027	(0)	1	2	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1	4P3A	800.00	4.000	5.940	1.2	2.000	.890	.944	.200	****	1.	.028	.025	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1	4P6A	2250.00	4.000	7.060	1.0	2.000	.900	.958	.200	****	1.	.003	.004	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1	4P7A	1250.00	4.000	4.570	1.0	2.000	.850	.920	.200	****	1.	.029	.037	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1	4P7C	1250.00	4.000	4.570	1.0	2.000	.850	.920	.200	****	1.	.028	.036	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1	4P9A	325.00	4.000	5.800	1.2	2.000	.820	.928	.200	****	1.	.045	.040	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
2	DG4A	3.75	4.160	1.000	*******	.077	.145	.693	30.000	****	0.	.011	.037	1	1	1	1	1	1	1	1	1	1	1	1	1

**********CHANGES TO LOAD DATA FOR VOLTAGE DROP CASE **********

DEVICE NAME		CASE: 1	2	3	4	5	6	7	8	9	10	11
1 4P6A	RATED HP	2210.00	2210.00	2210.00	2210.00	2210.00	2210.00	2210.00	2210.00	2210.00	2210.00	2210.00
1 4P3A	RATED HP	700.00	700.00	700.00	700.00	700.00	700.00	700.00	700.00	700.00	700.00	700.00

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BUS NAME	MIN ALLOWABLE VOLTAGE FOR S S	MIN ALLOWABLE VOLTAGE WHEN STARTING OTHER MOTORS	MAX # WARNINGS FOR LOW VOLT
4AD	96.00 %	82.00 %	30.0

****
* LOAD DATA *
****

TYPE	NAME	RATED HP / RATED MVA / RATED KVA	RATED KV / X/R	LRA/FLA / PU OP VOLT	K1 FACTOR / V/D MVA	SPEED 3.6K=1 <3.6K=2 / OHMS FOR REACT OR Z% FOR TRANSF	OP PWR FACTOR / % R/X FOR REAC OR %R FOR TRANSF	OP EFF / X C&L / X INT / X GVD / TRANSF MVA	ST PF / X/R / REACT -TOL OR TRANSF KV	R-OHMS T-T / REAC +TOL OR TRANSF TOL	MOT SYN=2 IND=1 / ANG DEG	CABLE RES REAC	O=ON 1=OFF CON FOR S/C	VOLTAGE DROP CONDITION CODES (0=ON;1=OFF;2=STARTING)
1	MOTOR NAME	RATED HP	RATED KV	LRA/FLA	K1 FACTOR	SPEED 3.6K=1 <3.6K=2	OP PWR FACTOR	OP EFF	ST PF	R-OHMS T-T	MOT SYN=2 IND=1	CABLE RES REAC	CON FOR S/C	VOLTAGE DROP CONDITION CODES (0=ON;1=OFF;2=STARTING)
2	GEN NAME	RATED MVA	RATED KV	PU OP VOLT		X C&L	X INT	X GVD	X/R		ANG DEG	CABLE RES REAC	CON FOR S/C	
3	SYSTEM NAME	S/C MVA	X/R	PU OP VOLT	V/D MVA	OHMS FOR REACT OR Z% FOR TRANSF	% R/X FOR REAC OR %R FOR TRANSF	TRANSF MVA	REACT -TOL OR TRANSF KV	REAC +TOL OR TRANSF TOL	ANG DEG	CABLE RES REAC	CON FOR S/C	
4	STATIC NAME	RATED KVA	RATED KV	RATED PF								CABLE RES REAC	CON FOR S/C	

TYPE	NAME	RATED HP / RATED MVA / RATED KVA	RATED KV / X/R	LRA/FLA / PU OP VOLT	K1 FACTOR / V/D MVA	SPEED 3.6K=1 <3.6K=2 / OHMS FOR REACT OR Z% FOR TRANSF	OP PWR FACTOR / % R/X FOR REAC OR %R FOR TRANSF	OP EFF / X C&L / X INT / X GVD / TRANSF MVA	ST PF / X/R / REACT -TOL OR TRANSF KV	R-OHMS T-T / REAC +TOL OR TRANSF TOL	MOT SYN=2 IND=1 / ANG DEG	CABLE RES	CABLE REAC	CON FOR S/C	1	2	3	4	5	6	7	8	9	10	11
1	4P211C	450.00	4.000	4.740 (	1.2)	2.000 (	.850)(	.920)(	.200)(****	)(1.)		.044	.039	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1	4P9C	325.00	4.000	5.800 (	1.2)	2.000	.820	.928 (	.200)(****	)(1.)		.036	.032	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)

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                                                                                                        JOB ID 3/08/91
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                                                  ELECTRICAL AUXILIARY DESIGN

                             BUS NAME                MIN  ALLOWABLE           MIN  ALLOWABLE
                                                     VOLTAGE FOR S S        VOLTAGE WHEN STARTING  MAX  # WARNINGS FOR LOW VOLT
                                                                              OTHER MOTORS
                             4B01                        96.00 %                   82.00 %                     30.0
T                                                    ****************
Y                                                    *  LOAD DATA  *
P                                                    ****************                                 0=ON
E                                                                                                     1=OFF
1 MOTOR    RATED    RATED LRA/      K1   SPEED OP PWR    OP      ST     R-OHMS  MOT     CABLE      CON            VOLTAGE DROP
  NAME      HP       KV   FLA    FACTOR 3.6K=1 FACTOR   EFF      PF      T-T   SYN=2  RES  REAC    FOR           CONDITION CODES
                                        <3.6K=2                                IND=1               S/C        (0=ON;1=OFF;2=STARTING)

2 GEN      RATED    RATED PU                 X      X      X      X/R          ANG      CABLE      CON
  NAME      MVA      KV   OP                C&L    INT    GVD                  DEG    RES  REAC    FOR
                          VOLT                                                                     S/C

3 SYSTEM   S/C      X/R   PU        V/D   OHMS    % R/X  TRANSF REACT    REAC  ANG      CABLE      CON
  NAME      MVA           OP        MVA   FOR     FOR     MVA   -TOL     +TOL  DEG    RES  REAC    FOR
                          VOLT            REACT   REAC           OR       OR                       S/C
                                          OR Z%  OR %R         TRANSF   TRANSF
                                          FOR     FOR            KV      TOL
                                         TRANSF  TRANSF
4 STATIC   RATED    RATED RATED                                                         CABLE      CON
  NAME      KVA      KV    PF                                                         RES  REAC    FOR
                                                                                                   S/C  1  2  3  4  5  6  7  8  9 10 11
*****************************************************************************************************************************************
  4P201A   150.00    .460 5.800 (    1.2) 2.000    .900    .925 (  .200)(****)( 1.)  .021    .022 (0)  (0)(0)(0)(0)(0)(0)(0)(0)(0)(0)(0)
1 4P214A   250.00    .460 6.540 (    1.2) 1.000    .910    .940    .150 (****)( 1.)  .007    .015 (0)   1  1  2 (0)(0)(0)(0)(0)(0)(0) 2
1 4S6A     150.00    .460 6.050 (    1.2) 2.000 ( .850)( .920)(  .200)(****)( 1.)  .013    .015 (0)  (0)(0)(0)(0)(0)(0)(0)(0)(0)(0)(0)
4 PH4B12·  150.00    .480 1.000 *******  *****  *****  *****  ******  ****  ***    .007    .010 (1)   1  1  1  1  1  1  1  1  1  1  1
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                                                                                                    JOB ID 3/08/91
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                                                ELECTRICAL AUXILIARY DESIGN

                            BUS NAME              MIN  ALLOWABLE           MIN  ALLOWABLE
                                                  VOLTAGE FOR S S        VOLTAGE WHEN STARTING  MAX  # WARNINGS FOR LOW VOLT
                                                                           OTHER MOTORS
                            4B53                      90.00 %                   80.00 %                      30.0
T                                                 ***************
Y                                                 *  LOAD DATA  *
P                                                 ***************                                0=ON
E                                                                                                1=OFF
1 MOTOR      RATED     RATED LRA/      K1    SPEED OP PWR     OP      ST     R-OHMS  MOT     CABLE    CON            VOLTAGE DROP
  NAME       HP        KV    FLA     FACTOR 3.6K=1 FACTOR     EFF     PF      T-T   SYN=2  RES  REAC  FOR          CONDITION CODES
                                            <3.6K=2                                 IND=1             S/C       (0=ON;1=OFF;2=STARTING)

2 GEN        RATED     RATED PU                 X      X      X      X/R            ANG      CABLE    CON
  NAME       MVA       KV    OP                C&L    INT    GVD                    DEG    RES  REAC  FOR
                             VOLT                                                                     S/C

3 SYSTEM     S/C       X/R   PU          V/D    OHMS   % R/X  TRANSF REACT   REAC   ANG      CABLE    CON
  NAME       MVA             OP          MVA    FOR    FOR     MVA   -TOL    +TOL   DEG    RES  REAC  FOR
                             VOLT               REACT  REAC           OR      OR                      S/C
                                                OR Z%  OR %R         TRANSF  TRANSF
                                                FOR    FOR            KV     TOL
                                               TRANSF TRANSF
4 STATIC     RATED     RATED RATED                                                           CABLE    CON
  NAME       KVA       KV    PF                                                            RES  REAC  FOR
                                                                                                      S/C  1  2  3  4  5  6  7  8  9 10 11
 *********************************************************************************************************************************************
  HVACHP     18.00      .460 1.000 (     8.0) 2.000 ( .850)( .920)(  .200)(****)( 1.)( .000)( .000)(0) (0)(0)(0)(0)(0)(0)(0)(0)(0)(0)(0)
4 HVACKW     27.00      .480 1.000 *******  *****  *****  *****  ******  ****  *** ( .000)( .000)(1) (0)(0)(0)(0)(0)(0)(0)(0)(0)(0)(0)
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EBASCO SERVICES INCORPORATED
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BUS NAME	MIN ALLOWABLE VOLTAGE FOR S S	MIN ALLOWABLE VOLTAGE WHEN STARTING OTHER MOTORS	MAX # WARNINGS FOR LOW VOLT
4B05V	96.00 %	82.00 %	30.0

****
* LOAD DATA *
****

TYPE															0=ON 1=OFF CON FOR S/C											
1	MOTOR NAME	RATED HP	RATED KV	LRA/ FLA	K1 FACTOR	SPEED 3.6K=1 <3.6K=2	OP PWR FACTOR	OP EFF	ST PF	R-OHMS T-T	MOT SYN=2 IND=1	CABLE RES	CABLE REAC	VOLTAGE DROP CONDITION CODES (0=ON;1=OFF;2=STARTING)											
2	GEN NAME	RATED MVA	RATED KV	PU OP VOLT			X C&L	X INT	X GVD	X/R		ANG DEG	CABLE RES	CABLE REAC	CON FOR S/C											
3	SYSTEM NAME	S/C MVA	X/R	PU OP VOLT	V/D MVA	OHMS FOR REACT OR Z% FOR TRANSF	% R/X FOR REAC OR %R FOR TRANSF	TRANSF MVA	REACT -TOL OR TRANSF KV	REAC +TOL OR TRANSF TOL	ANG DEG	CABLE RES	CABLE REAC	CON FOR S/C											
4	STATIC NAME	RATED KVA	RATED KV	RATED PF									CABLE RES	CABLE REAC	CON FOR S/C	1	2	3	4	5	6	7	8	9	10	11
1	4P31	40.00	.460	(6.000)	(8.0)	2.000	(.850)	(.920)	(.200)	(****)	(1.)	.051	.012	1	1	1	1	1	1	1	1	1	1	1	1
1	4P36	25.00	.460	(6.000)	(8.0)	2.000	(.850)	(.920)	(.200)	(****)	(1.)	.055	.006	1	1	1	1	1	1	1	1	1	1	1	1
1	4P37	8.00	.460	(6.000)	(8.0)	2.000	(.850)	(.920)	(.200)	(****)	(1.)	.230	.005	1	1	1	1	1	1	1	1	1	1	1	1
1	4P40	20.00	.460	(6.000)	(8.0)	2.000	(.850)	(.920)	(.200)	(****)	(1.)	.334	.011	1	1	1	1	1	1	1	1	1	1	1	1
1	4T0B	50.00	.460	(6.000)	(1.2)	2.000	(.850)	(.920)	(.200)	(****)	(1.)	.015	.006	1	1	1	1	1	1	1	1	1	1	1	1
1	4V1C	100.00	.460	7.750	(1.2)	2.000	(.850)	(.920)	(.200)	(****)	(1.)	.035	.024	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	1
1	4V30B	30.00	.460	5.390	(8.0)	2.000	(.850)	(.920)	(.200)	(****)	(1.)	.282	.034	(0)	1	1	2	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1	4V3B	75.00	.460	6.060	(1.2)	2.000	(.850)	(.920)	(.200)	(****)	(1.)	.033	.022	(0)	1	1	1	1	1	2	(0)	(0)	(0)	(0)	(0)
1	4C1	75.00	.460	(6.000)	(1.2)	2.000	(.850)	(.920)	(.200)	(****)	(1.)	.020	.014	1	1	1	1	1	1	1	1	1	1	1	1
4	STATICL	1.00	.480	1.000	*******	*****	*****	*****	******	****	***	(.000)	(.000)	(1)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1	MOV1420	5.20	.460	5.600	(8.0)	2.000	.850	.540	.600	(****)	(1.)	.731	.016	(0)	2	(0)	(0)	(0)	(0)	1	1	1	1	1	1
1	MOV1400	.33	.460	7.300	(8.0)	2.000	.850	.480	.600	(****)	(1.)	.666	.014	(0)	2	(0)	(0)	(0)	(0)	1	1	1	1	1	1
1	MOV1427	.25	.460	4.900	(8.0)	2.000	.850	.500	.600	(****)	(1.)	1.290	.028	(0)	2	(0)	(0)	(0)	(0)	1	1	1	1	1	1

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BUS NAME	MIN ALLOWABLE VOLTAGE FOR S S	MIN ALLOWABLE VOLTAGE WHEN STARTING OTHER MOTORS	MAX # WARNINGS FOR LOW VOLT
4B05N	90.00 %	80.00 %	30.0

****
* LOAD DATA *
****

TYPE 1 — MOTOR

MOTOR NAME	RATED HP	RATED KV	LRA/ FLA	K1 FACTOR	SPEED 3.6K=1 <3.6K=2	OP PWR FACTOR	OP EFF	ST PF	R-OHMS T-T	MOT SYN=2 IND=1	CABLE RES	CABLE REAC	0=ON 1=OFF CON FOR S/C	VOLTAGE DROP CONDITION CODES (0=ON;1=OFF;2=STARTING)

TYPE 2 — GEN

GEN NAME	RATED MVA	RATED KV	PU OP VOLT	X C&L	X INT	X GVD	X/R	ANG DEG	CABLE RES	CABLE REAC	CON FOR S/C

TYPE 3 — SYSTEM

SYSTEM NAME	S/C MVA	X/R	PU OP VOLT	V/D MVA	OHMS FOR REACT OR Z% FOR TRANSF	% R/X FOR REAC OR %R FOR TRANSF	TRANSF MVA	REACT -TOL OR TRANSF KV	REAC +TOL OR TRANSF TOL	ANG DEG	CABLE RES	CABLE REAC	CON FOR S/C

TYPE 4 — STATIC

STATIC NAME	RATED KVA	RATED KV	RATED PF	CABLE RES	CABLE REAC	CON FOR S/C	1	2	3	4	5	6	7	8	9	10	11
4C19	.50	.460(6.000)(	8.0) 2.000 (.850)(.920)(.200)(****)(1.)	.264	.006	1	1	1	1	1	1	1	1	1	1	1	1
1 4P15	3.00	.460(6.000)(	8.0) 2.000 (.850)(.920)(.200)(****)(1.)	.487	.011	1	1	1	1	1	1	1	1	1	1	1	1
1 4P19A	.50	.460(6.000)(	8.0) 2.000 (.850)(.920)(.200)(****)(1.)	.434	.009	1	1	1	1	1	1	1	1	1	1	1	1
1 4P19B	.50	.460(6.000)(	8.0) 2.000 (.850)(.920)(.200)(****)(1.)	.456	.010	1	1	1	1	1	1	1	1	1	1	1	1
1 4P232B	10.00	.460(6.000)(	8.0) 2.000 (.850)(.920)(.200)(****)(1.)	1.163	.025	1	1	1	1	1	1	1	1	1	1	1	1
1 4P28A	3.00	.460(6.000)(	8.0) 2.000 (.850)(.920)(.200)(****)(1.)	.297	.007	1	1	1	1	1	1	1	1	1	1	1	1
1 4P34A	.75	.460(6.000)(	8.0) 2.000 (.850)(.920)(.200)(****)(1.)	.687	.015	1	1	1	1	1	1	1	1	1	1	1	1
1 4P4	10.00	.460(6.000)(	8.0) 2.000 (.850)(.920)(.200)(****)(1.)	.494	.011	1	1	1	1	1	1	1	1	1	1	1	1
1 4P43	5.00	.460(6.000)(	8.0) 2.000 (.850)(.920)(.200)(****)(1.)	1.073	.023	1	1	1	1	1	1	1	1	1	1	1	1
1 4P49	.75	.460(6.000)(	8.0) 2.000 (.850)(.920)(.200)(****)(1.)	.329	.007	1	1	1	1	1	1	1	1	1	1	1	1
1 4P5	40.00	.460(6.000)(	8.0) 2.000 (.850)(.920)(.200)(****)(1.)	.101	.024	1	1	1	1	1	1	1	1	1	1	1	1
1 4T9	25.00	.460(6.000)(	8.0) 2.000 (.850)(.920)(.200)(****)(1.)	.157	.017	1	1	1	1	1	1	1	1	1	1	1	1
1 4V14A	7.50	.460(6.000)(	8.0) 2.000 (.850)(.920)(.200)(****)(1.)	.756	.016	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1 4V5	.50	.460(6.000)(	8.0) 2.000 (.850)(.920)(.200)(****)(1.)	.152	.003	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1 4V16	2.00	.460(6.000)(	8.0) 2.000 (.850)(.920)(.200)(****)(1.)	.304	.007	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1 4V18	7.50	.460(6.000)(	8.0) 2.000 (.850)(.920)(.200)(****)(1.)	.443	.010	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1 4V19A	15.00	.460(6.000)(	8.0) 2.000 (.850)(.920)(.200)(****)(1.)	.116	.004	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1 4V31B	3.00	.460(6.000)(	8.0) 2.000 (.850)(.920)(.200)(****)(1.)	.722	.016	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1 4V32B	.75	.460(6.000)(	8.0) 2.000 (.850)(.920)(.200)(****)(1.)	1.096	.024	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1 4V4	5.00	.460(6.000)(	8.0) 2.000 (.850)(.920)(.200)(****)(1.)	.499	.011	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1 4V6A	7.50	.460(6.000)(	8.0) 2.000 (.850)(.920)(.200)(****)(1.)	.320	.007	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1 4F20A/B	1.50	.460(6.000)(	8.0) 2.000 (.850)(.920)(.200)(****)(1.)	.334	.011	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1 4P90A	2.00	.460(6.000)(	8.0) 2.000 (.850)(.920)(.200)(****)(1.)	.681	.022	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1 4P90B	2.00	.460(6.000)(	8.0) 2.000 (.850)(.920)(.200)(****)(1.)	.681	.022	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1 4P90C	2.00	.460(6.000)(	8.0) 2.000 (.850)(.920)(.200)(****)(1.)	.681	.022	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
4 D10	3.00	.480 1.000	******* ***** ***** ***** ****** **** ***	.919	.101	(1)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)

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T                                                  ***************
Y                                                  *  LOAD DATA  *
P                                                  ***************                                  0=ON
E                                                                                                   1=OFF
1 MOTOR    RATED    RATED LRA/     K1   SPEED OP PWR    OP     ST    R-OHMS  MOT     CABLE    CON          VOLTAGE DROP
  NAME     HP       KV    FLA    FACTOR 3.6K=1 FACTOR   EFF    PF     T-T    SYN=2  RES  REAC  FOR        CONDITION CODES
                                        <3.6K=2                                IND=1            S/C     (0=ON;1=OFF;2=STARTING)

2 GEN      RATED    RATED PU              X      X      X     X/R           ANG     CABLE    CON
  NAME     MVA      KV    OP             C&L    INT    GVD                  DEG    RES  REAC  FOR
                         VOLT                                                                  S/C

3 SYSTEM   S/C      X/R   PU      V/D   OHMS   % R/X  TRANSF REACT  REAC  ANG     CABLE    CON
  NAME     MVA           OP      MVA   FOR    FOR     MVA  -TOL   +TOL  DEG    RES  REAC  FOR
                         VOLT          REACT  REAC          OR    OR                      S/C
                                       OR Z%  OR %R         TRANSF TRANSF
                                       FOR    FOR            KV    TOL
                                      TRANSF  TRANSF
4 STATIC   RATED    RATED RATED                                                CABLE    CON
  NAME     KVA      KV    PF                                                 RES  REAC  FOR
                                                                                        S/C  1  2  3  4  5  6  7  8  9 10 11
*****************************************************************************************************************************
1 4XS75/7   20.00    .460(6.000)(    8.0) 2.000   .810 ( .920)(  .200)(****)( 1.)  .182   .020 (0) (0)(0)(0)(0)(0)(0)(0)(0)(0)(0)
4 STATICL  260.00    .480 1.000  *******  *****  *****  *****  ******  ****  *** ( .000)( .000)(1) (0)(0)(0)(0)(0)(0)(0)(0)(0)(0)(0)
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VERIFICATION BY .....
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EBASCO SERVICES INCORPORATED
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ELECTRICAL AUXILIARY DESIGN

BUS NAME	MIN ALLOWABLE VOLTAGE FOR S S	MIN ALLOWABLE VOLTAGE WHEN STARTING OTHER MOTORS	MAX # WARNINGS FOR LOW VOLT
4B07	96.00 %	82.00 %	30.0

****
* LOAD DATA *
****

TYPE																																									
1	MOTOR NAME	RATED HP	RATED KV	LRA/ FLA	K1 FACTOR	SPEED 3.6K=1 <3.6K=2	OP PWR FACTOR	OP EFF	ST PF	R-OHMS T-T	HOT SYN=2 IND=1	CABLE RES	CABLE REAC	0=ON 1=OFF CON FOR S/C	VOLTAGE DROP CONDITION CODES (0=ON;1=OFF;2=STARTING)																									
2	GEN NAME	RATED MVA	RATED KV	PU OP VOLT		X C&L	X INT	X GVD	X/R		ANG DEG	CABLE RES	CABLE REAC	CON FOR S/C																									
3	SYSTEM NAME	S/C MVA	X/R	PU OP VOLT	V/D MVA	OHMS FOR REACT OR Z% FOR TRANSF	% R/X FOR REAC OR %R FOR TRANSF	TRANSF MVA	REACT -TOL OR TRANSF KV	REAC +TOL OR TRANSF TOL	ANG DEG	CABLE RES	CABLE REAC	CON FOR S/C																									
4	STATIC NAME	RATED KVA	RATED KV	RATED PF								CABLE RES	CABLE REAC	CON FOR S/C	1	2	3	4	5	6	7	8	9	10	11																
1	E16F	36.00	.460	(6.000)	(8.0)	2.000	(.850)	(.920)	(.200)	(****)	(1.)	.056	.012	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)																	
1	4P203A	15.00	.460	(6.000)	(8.0)	2.000	(.850)	(.920)	(.200)	(****)	(1.)	.078	.014	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)																	
1	4V1A	100.00	.460	7.750	(1.2)	2.000	(.850)	(.920)	(.200)	(****)	(1.)	.014	.009	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	1																
1	P207B	6.00	.460	(6.000)	(8.0)	2.000	(.850)	(.920)	(.200)	(****)	(1.)	.371	.008	(0)	1	1	1	1	1	1	1	1	1	1	1																	
1	4V2A	60.00	.460	(6.000)	(1.2)	2.000	(.850)	(.920)	(.200)	(****)	(1.)	.048	.021	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)																	
4	4D25	1.00	.480	1.000	*******	*****	*****	*****	******	****	***	.048	.012	(1)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)																	
4	STATICL	1.00	.480	1.000	*******	*****	*****	*****	******	****	***	(.000)	(.000)	(1)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)																	
1	MOV1426	.25	.460	4.900	(8.0)	2.000	.850	.500	.600	(****)	(1.)	.425	.009	(0)	2	(0)	(0)	(0)	(0)	1	1	1	1	1	1																	
1	MOV6386	.13	.460	7.100	(8.0)	2.000	.850	.320	.600	(****)	(1.)	.758	.024	(0)	2	(0)	(0)	(0)	(0)	1	1	1	1	1	1																	
1	MOV1401	.33	.460	7.300	(8.0)	2.000	.850	.480	.600	(****)	(1.)	1.478	.032	(0)	2	(0)	(0)	(0)	(0)	1	1	1	1	1	1																	
1	MOV880A	2.00	.460	3.700	(8.0)	2.000	.850	.630	.600	(****)	(1.)	.300	.007	(0)	2	(0)	(0)	(0)	(0)	1	1	1	1	1	1																	
1	MOV716A	1.30	.460	3.700	(8.0)	2.000	.850	.600	.600	(****)	(1.)	.324	.007	(0)	2	(0)	(0)	(0)	(0)	1	1	1	1	1	1																	
1	MOV744A	10.30	.460	7.200	(8.0)	2.000	.850	.800	.600	(****)	(1.)	.476	.021	(0)	2	(0)	(0)	(0)	(0)	1	1	1	1	1	1																	
1	MOV843A	1.58	.460	7.400	(8.0)	2.000	.850	.500	.600	(****)	(1.)	.534	.012	(0)	2	(0)	(0)	(0)	(0)	1	1	1	1	1	1																	

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EBASCO SERVICES INCORPORATED
AUXSYS4078-12/31/89
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BUS NAME	MIN ALLOWABLE VOLTAGE FOR S S	MIN ALLOWABLE VOLTAGE WHEN STARTING OTHER MOTORS	MAX # WARNINGS FOR LOW VOLT
4B08	96.00 %	82.00 %	30.0

****
* LOAD DATA *
****

TYPE	NAME	RATED HP / RATED KV / RATED KVA / RATED PF	RATED KV	LRA/FLA / PU OP VOLT	K1 FACTOR	SPEED 3.6K=1 <3.6K=2 / X C&L / OHMS FOR REACT OR Z% FOR TRANSF	OP PWR FACTOR / X INT / % R/X FOR REAC OR %R FOR TRANSF	OP EFF / X GVD / TRANSF MVA	ST PF / X/R / REACT -TOL OR TRANSF KV	R-OHMS T-T / REAC +TOL OR TRANSF TOL	HOT SYN=2 IND=1 / ANG DEG	CABLE RES	CABLE REAC	0=ON 1=OFF CON FOR S/C	VOLTAGE DROP CONDITION CODES (0=ON;1=OFF;2=STARTING)
1	MOTOR NAME	RATED HP	RATED KV	LRA/FLA	K1 FACTOR	SPEED 3.6K=1 <3.6K=2	OP PWR FACTOR	OP EFF	ST PF	R-OHMS T-T	HOT SYN=2 IND=1	CABLE RES	CABLE REAC	CON FOR S/C	VOLTAGE DROP CONDITION CODES (0=ON;1=OFF;2=STARTING)
2	GEN NAME	RATED MVA	RATED KV	PU OP VOLT		X C&L	X INT	X GVD	X/R		ANG DEG	CABLE RES	CABLE REAC	CON FOR S/C	
3	SYSTEM NAME	S/C MVA	X/R	PU OP VOLT	V/D MVA	OHMS FOR REACT OR Z% FOR TRANSF	% R/X FOR REAC OR %R FOR TRANSF	TRANSF MVA	REACT -TOL OR TRANSF KV	REAC +TOL OR TRANSF TOL	ANG DEG	CABLE RES	CABLE REAC	CON FOR S/C	
4	STATIC NAME	RATED KVA	RATED KV	RATED PF								CABLE RES	CABLE REAC	CON FOR S/C	

TYPE	NAME	RATED HP / RATED KV / RATED KVA / RATED PF	RATED KV	LRA/FLA / PU OP VOLT	K1 FACTOR	SPEED 3.6K=1 <3.6K=2 / X C&L / OHMS FOR REACT OR Z% FOR TRANSF	OP PWR FACTOR / X INT / % R/X FOR REAC OR %R FOR TRANSF	OP EFF / X GVD / TRANSF MVA	ST PF / X/R / REACT -TOL OR TRANSF KV	R-OHMS T-T / REAC +TOL OR TRANSF TOL	HOT SYN=2 IND=1 / ANG DEG	CABLE RES	CABLE REAC	CON FOR S/C	1	2	3	4	5	6	7	8	9	10	11
	4V1B	100.00	.460	7.750	1.2)	2.000	.850)	.920)	.200)	(****)	1.)	.012	.008	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	1	
1	4V30A	30.00	.460	5.390	8.0)	2.000	.850)	.920)	.200)	(****)	1.)	.063	.010	(0)	1	1	1	2	(0)	(0)	(0)	(0)	(0)	(0)	(0)	
1	4V3A	75.00	.460	6.060	1.2)	2.000	.850)	.920)	.200)	(****)	1.)	.020	.013	(0)	1	1	1	1	1	1	2	(0)	(0)	(0)	(0)	
1	S77A	5.00	.460	(6.000)	8.0)	2.000	.850)	.920)	.200)	(****)	1.)	.278	.009	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	
1	S78A	5.00	.460	(6.000)	8.0)	2.000	.850)	.920)	.200)	(****)	1.)	.270	.009	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	
1	S75A	5.00	.460	(6.000)	8.0)	2.000	.850)	.920)	.200)	(****)	1.)	.337	.011	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	
1	NS74A	60.00	.460	(6.000)	1.2)	2.000	.850)	.920)	.200)	(****)	1.)	.029	.013	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	
1	E16B/17	34.00	.460	(6.000)	8.0)	2.000	.850)	.920)	.200)	(****)	1.)	.199	.020	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	
1	V8A	40.00	.460	(6.000)	8.0)	2.000	.850)	.920)	.200)	(****)	1.)	.034	.008	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	
1	V10	10.00	.460	(6.000)	8.0)	2.000	.850)	.920)	.200)	(****)	1.)	.595	.013	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	
1	V29A	1.00	.460	(6.000)	8.0)	2.000	.850)	.920)	.200)	(****)	1.)	.306	.010	(0)	2	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	
1	V76/232	36.00	.460	(6.000)	8.0)	2.000	.850)	.920)	.200)	(****)	1.)	.089	.007	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	
4	3D25A	18.70	.480	1.000	*******	*****	*****	*****	******	****	***	.017	.004	(1)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	
4	3D02A	25.00	.480	1.000	*******	*****	*****	*****	******	****	***	.007	.003	(1)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	
4	STATICL	1.00	.480	1.000	*******	*****	*****	*****	******	****	***	(.000)	(.000)	(1)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	
1	MOV1404	.33	.460	3.600	8.0)	2.000	.850	.290	.600	(****)	1.)	.361	.012	(0)	2	(0)	(0)	(0)	(0)	1	1	1	1	1	1	
1	MOV1417	1.50	.460	5.700	8.0)	2.000	.850	.500	.600	(****)	1.)	.368	.012	(0)	2	(0)	(0)	(0)	(0)	1	1	1	1	1	1	
1	MOV6552	.13	.460	7.100	8.0)	2.000	.850	.320	.600	(****)	1.)	.382	.012	(0)	2	(0)	(0)	(0)	(0)	1	1	1	1	1	1	
1	MOV6543	.13	.460	7.100	8.0)	2.000	.850	.320	.600	(****)	1.)	.336	.011	(0)	2	(0)	(0)	(0)	(0)	1	1	1	1	1	1	

**********CHANGES TO LOAD DATA FOR VOLTAGE DROP CASE **********

DEVICE NAME		CASE: 1	2	3	4	5	6	7	8	9	10	11
1 NS74A	RATED HP	50.50	50.50	50.50	50.50	50.50	50.50	50.50	50.50	50.50	50.50	50.50
1 S78A	RATED HP	3.40	3.40	3.40	3.40	3.40	3.40	3.40	3.40	3.40	3.40	3.40
1 S77A	RATED HP	3.40	3.40	3.40	3.40	3.40	3.40	3.40	3.40	3.40	3.40	3.40

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BUS NAME	MIN ALLOWABLE VOLTAGE FOR S S	MIN ALLOWABLE VOLTAGE WHEN STARTING OTHER MOTORS	MAX # WARNINGS FOR LOW VOLT
4B50	96.00 %	82.00 %	30.0

****
* LOAD DATA *
****

TYPE																																									
1	MOTOR NAME	RATED HP	RATED KV	LRA/ FLA	K1 FACTOR	SPEED 3.6K=1 <3.6K=2	OP PWR FACTOR	OP EFF	ST PF	R-OHMS T-T	HOT SYN=2 IND=1	CABLE RES	CABLE REAC	0=ON 1=OFF CON FOR S/C	VOLTAGE DROP CONDITION CODES (0=ON;1=OFF;2=STARTING)																									
2	GEN NAME	RATED MVA	RATED KV	PU OP VOLT		X C&L	X INT	X GVD	X/R		ANG DEG	CABLE RES	CABLE REAC	CON FOR S/C																									
3	SYSTEM NAME	S/C MVA	X/R	PU OP VOLT	V/D MVA	OHMS FOR REACT OR Z% FOR TRANSF	% R/X FOR REAC OR %R FOR TRANSF	TRANSF MVA	REACT -TOL OR TRANSF KV	REAC +TOL OR TRANSF TOL	ANG DEG	CABLE RES	CABLE REAC	CON FOR S/C																									
4	STATIC NAME	RATED KVA	RATED KV	RATED PF								CABLE RES	CABLE REAC	CON FOR S/C	1	2	3	4	5	6	7	8	9	10	11																
**********																																									
	4P201C	150.00	.460	5.800	(1.2)	2.000	.900	(.920)	(.200)	(****)	(1.)	.014	.015	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)																	

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BUS NAME	MIN ALLOWABLE VOLTAGE FOR S S	MIN ALLOWABLE VOLTAGE WHEN STARTING OTHER MOTORS	MAX # WARNINGS FOR LOW VOLT
4B51	96.00 %	82.00 %	30.0

****
* LOAD DATA *
****

TYPE	NAME	RATED HP / RATED MVA / RATED MVA	RATED KV / RATED KV / RATED KV	LRA/FLA / PU OP VOLT / X/R / RATED PF	K1 FACTOR / V/D MVA /	SPEED 3.6K=1 <3.6K=2 / OHMS FOR REACT OR Z% FOR TRANSF /	OP PWR FACTOR / % R/X FOR REAC OR %R FOR TRANSF /	OP EFF / X C&L /	ST PF / X INT /	R-OHMS T-T / X GVD /	HOT SYN=2 IND=1 / TRANSF MVA /	ANG DEG / REACT -TOL OR TRANSF KV /	REAC +TOL OR TRANSF TOL /	CABLE RES / ANG DEG /	CABLE REAC / CABLE RES /	0=ON 1=OFF CON FOR S/C / CABLE REAC / CON FOR S/C /	VOLTAGE DROP CONDITION CODES (0=ON;1=OFF;2=STARTING)
1	MOTOR NAME	RATED HP	RATED KV	LRA/FLA	K1 FACTOR	SPEED 3.6K=1 <3.6K=2	OP PWR FACTOR	OP EFF	ST PF	R-OHMS T-T	HOT SYN=2 IND=1			CABLE RES	CABLE REAC	0=ON 1=OFF CON FOR S/C	VOLTAGE DROP CONDITION CODES (0=ON;1=OFF;2=STARTING)
2	GEN NAME	RATED MVA	RATED KV	PU OP VOLT		X C&L	X INT	X GVD	X/R		ANG DEG			CABLE RES	CABLE REAC	CON FOR S/C	
3	SYSTEM NAME	S/C MVA	X/R	PU OP VOLT	V/D MVA	OHMS FOR REACT OR Z% FOR TRANSF	% R/X FOR REAC OR %R FOR TRANSF	TRANSF MVA	REACT -TOL OR TRANSF KV	REAC +TOL OR TRANSF TOL	ANG DEG			CABLE RES	CABLE REAC	CON FOR S/C	
4	STATIC NAME	RATED KVA	RATED KV	RATED PF										CABLE RES	CABLE REAC	CON FOR S/C	1 2 3 4 5 6 7 8 9 10 11

1	4P244A	1.00	.460	(6.000)	(8.0)	2.000	(.850)	(.920)	(.200)	(****)	(1.)	.108	.003	(0)	2	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1	4V63A	2.00	.460	(6.000)	(8.0)	2.000	(.850)	(.920)	(.200)	(****)	(1.)	.059	.002	(0)	2	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1	4V70A	.50	.460	(6.000)	(8.0)	2.000	(.850)	(.920)	(.200)	(****)	(1.)	.112	.004	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1	4V65A	2.00	.460	(6.000)	(8.0)	2.000	(.850)	(.920)	(.200)	(****)	(1.)	.074	.002	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1	4V67A	40.00	.460	(6.000)	(8.0)	2.000	(.850)	(.920)	(.200)	(****)	(1.)	.009	.004	(0)	2	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1	4V64A	3.00	.460	(6.000)	(8.0)	2.000	(.850)	(.920)	(.200)	(****)	(1.)	.032	.001	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1	4P241A	1.00	.460	(6.000)	(8.0)	2.000	(.850)	(.920)	(.200)	(****)	(1.)	.219	.007	(0)	2	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1	4S226A	15.00	.460	(6.000)	(8.0)	2.000	(.850)	(.920)	(.200)	(****)	(1.)	.075	.008	(0)	2	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1	4V68A	40.00	.460	(6.000)	(8.0)	2.000	(.850)	(.920)	(.200)	(****)	(1.)	.010	.005	(0)	2	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1	4P245A	.75	.460	(6.000)	(8.0)	2.000	(.850)	(.920)	(.200)	(****)	(1.)	.108	.003	(0)	2	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1	4V69A	40.00	.460	(6.000)	(8.0)	2.000	(.850)	(.920)	(.200)	(****)	(1.)	.012	.005	(0)	2	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1	4S231A	9.50	.460	(6.000)	(8.0)	2.000	(.850)	(.920)	(.200)	(****)	(1.)	.078	.004	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1	4S230	7.00	.460	(6.000)	(8.0)	2.000	(.850)	(.920)	(.200)	(****)	(1.)	.124	.004	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
4	STATICL	1.00	.480	1.000	*******	*****	*****	*****	******	****	***	(.000)	(.000)	(1)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)

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BUS NAME	MIN ALLOWABLE VOLTAGE FOR S S	MIN ALLOWABLE VOLTAGE WHEN STARTING OTHER MOTORS	MAX # WARNINGS FOR LOW VOLT
4AB1	96.00 %	82.00 %	30.0

****
* LOAD DATA *
****

TYPE	NAME	RATED HP / RATED KVA	RATED KV	LRA/FLA / PU OP VOLT	K1 FACTOR / V/D MVA	SPEED 3.6K=1 <3.6K=2 / OHMS FOR REACT OR Z% FOR TRANSF	OP PWR FACTOR / % R/X FOR REAC OR %R FOR TRANSF	OP EFF / TRANSF MVA	ST PF / REACT -TOL OR TRANSF KV	R-OHMS T-T / REAC +TOL OR TRANSF TOL	HOT SYN=2 IND=1 / ANG DEG	CABLE RES	CABLE REAC	0=ON 1=OFF CON FOR S/C	VOLTAGE DROP CONDITION CODES (0=ON;1=OFF;2=STARTING)
2	GEN NAME	RATED MVA	RATED KV	PU OP VOLT		X C&L	X INT	X GVD	X/R		ANG DEG	CABLE RES	CABLE REAC	CON FOR S/C	
3	SYSTEM NAME	S/C MVA	X/R	PU OP VOLT	V/D MVA	OHMS FOR REACT OR Z% FOR TRANSF	% R/X FOR REAC OR %R FOR TRANSF	TRANSF MVA	REACT -TOL OR TRANSF KV	REAC +TOL OR TRANSF TOL	ANG DEG	CABLE RES	CABLE REAC	CON FOR S/C	
4	STATIC NAME	RATED KVA	RATED KV	RATED PF								CABLE RES	CABLE REAC	CON FOR S/C	

1	4P200B	6000.00	4.000	6.320	(1.0)	2.000	(.850)	(.920)	(.200)	(****)	(1.)	.003	.010	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	2 (0)
1	4P200C	6000.00	4.000	6.320	(1.0)	2.000	(.850)	(.920)	(.200)	(****)	(1.)	.005	.014	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)

**********CHANGES TO LOAD DATA FOR VOLTAGE DROP CASE **********

DEVICE NAME		CASE: 1	2	3	4	5	6	7	8	9	10	11
1 4P200C	RATED HP	5061.00	5061.00	5061.00	5061.00	5061.00	5061.00	5061.00	5061.00	5061.00	5061.00	5061.00
1 4P200B	RATED HP	5061.00	5061.00	5061.00	5061.00	5061.00	5061.00	5061.00	5061.00	5061.00	6000.00	5061.00

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                              BUS NAME                  MIN  ALLOWABLE           MIN  ALLOWABLE
                                                        VOLTAGE FOR S S        VOLTAGE WHEN STARTING  MAX  # WARNINGS FOR LOW VOLT
                                                                                  OTHER MOTORS
                              4AB2                         96.00  %                  82.00  %                      30.0
T                                                       ***************
Y                                                       *  LOAD DATA  *
P                                                       ***************
E                                                                                                  0=ON
                                                                                                   1=OFF
1 MOTOR      RATED    RATED LRA/       K1   SPEED OP PWR    OP      ST    R-OHMS  MOT     CABLE     CON         VOLTAGE DROP
  NAME        HP       KV   FLA    FACTOR 3.6K=1 FACTOR    EFF     PF     T-T    SYN=2  RES  REAC   FOR        CONDITION CODES
                                          <3.6K=2                                IND=1              S/C     (0=ON;1=OFF;2=STARTING)

2 GEN        RATED    RATED PU                X        X        X      X/R            ANG     CABLE     CON
  NAME        MVA      KV   OP               C&L      INT      GVD                    DEG   RES  REAC   FOR
                            VOLT                                                                    S/C

3 SYSTEM     S/C      X/R   PU         V/D   OHMS    % R/X   TRANSF REACT    REAC   ANG     CABLE     CON
  NAME        MVA           OP         MVA   FOR      FOR      MVA   -TOL    +TOL   DEG   RES  REAC   FOR
                            VOLT             REACT    REAC            OR      OR                    S/C
                                             OR Z%   OR %R          TRANSF  TRANSF
                                             FOR      FOR             KV     TOL
                                            TRANSF  TRANSF
4 STATIC     RATED    RATED RATED                                                            CABLE     CON
  NAME        KVA      KV   PF                                                   .       RES  REAC   FOR
                                                                                                     S/C  1  2  3  4  5  6  7  8  9 10 11
 ***********************************************************************************************************************************
  4P11B     400.00   4.000 5.090 (    1.2) 2.000    .850    .938 (  .200)(****)( 1.)  .025    .022 (0) (0)(0)(0)(0)(0)(0)(0)(0)(0)(0)(0)
1 4P210B    300.00   4.000 6.220 (    1.2) 2.000    .890    .934 (  .200)(****)( 1.)  .026    .023 (0)  1  2 (0)(0)(0)(0)(0)(0)(0)(0)(0)
1 4P211B    450.00   4.000 4.740 (    1.2) 2.000 ( .850)( .920)(  .200)(****)( 1.)  .030    .026 (0) (0)(0)(0)(0)(0)(0)(0)(0)(0)(0)(0)
1 4P215B    350.00   4.000 6.400 (    1.0) 1.000    .880    .940 (  .200)(****)( 1.)  .032    .028 (0)  1  2 (0)(0)(0)(0)(0)(0)(0)(0)(0)
1 4P3B      800.00   4.000 5.940 (    1.2) 2.000    .890    .944 (  .200)(****)( 1.)  .023    .020 (0) (0)(0)(0)(0)(0)(0)(0)(0)(0)(0)(0)
1 4P6B     2250.00   4.000 7.060 (    1.0) 2.000    .900    .958 (  .200)(****)( 1.)  .003    .004 (0) (0)(0)(0)(0)(0)(0)(0)(0)(0)(0)(0)
1 4P7D     1250.00   4.000 4.570 (    1.0) 2.000 ( .850)( .920)(  .200)(****)( 1.)  .027    .035 (0) (0)(0)(0)(0)(0)(0)(0)(0)(0)(0)(0)
1 4P7B     1250.00   4.000 4.570 (    1.0) 2.000 ( .850)( .920)(  .200)(****)( 1.)  .027    .036 (0) (0)(0)(0)(0)(0)(0)(0)(0)(0)(0)(0)
1 4P9B      325.00   4.000 5.800 (    1.2) 2.000    .820    .928 (  .200)(****)( 1.)  .045    .040 (0) (0)(0)(0)(0)(0)(0)(0)(0)(0)(0)(0)
2 DG4B        3.75   4.160 1.000 *******    .077    .145    .693 30.000  **** ( 0.)  .015    .050  1   1  1  1  1  1  1  1  1  1  1  1

*****************************************CHANGES TO LOAD DATA FOR VOLTAGE DROP CASE ***********************************************

  DEVICE                CASE: 1        2        3        4        5        6        7        8        9       10       11
  NAME
1 4P6B    RATED HP    2210.00  2210.00  2210.00  2210.00  2210.00  2210.00  2210.00  2210.00  2210.00  2210.00  2210.00
1 4P3B    RATED HP     700.00   700.00   700.00   700.00   700.00   700.00   700.00   700.00   700.00   700.00   700.00
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BUS NAME	MIN ALLOWABLE VOLTAGE FOR S S	MIN ALLOWABLE VOLTAGE WHEN STARTING OTHER MOTORS	MAX # WARNINGS FOR LOW VOLT
4B02	96.00 %	82.00 %	30.0

****
* LOAD DATA *
****

TYPE																																									
1	MOTOR NAME	RATED HP	RATED KV	LRA/ FLA	K1 FACTOR	SPEED 3.6K=1 <3.6K=2	OP PWR FACTOR	OP EFF	ST PF	R-OHMS T-T	HOT SYN=2 IND=1	CABLE RES	CABLE REAC	0=ON 1=OFF CON FOR S/C	VOLTAGE DROP CONDITION CODES (0=ON;1=OFF;2=STARTING)																										
2	GEN NAME	RATED MVA	RATED KV	PU OP VOLT		X C&L	X INT	X GVD	X/R		ANG DEG	CABLE RES	CABLE REAC	CON FOR S/C																										
3	SYSTEM NAME	S/C MVA	X/R	PU OP VOLT	V/D MVA	OHMS FOR REACT OR Z% FOR TRANSF	% R/X FOR REAC OR %R FOR TRANSF	TRANSF MVA	REACT -TOL OR TRANSF KV	REAC +TOL OR TRANSF TOL	ANG DEG	CABLE RES	CABLE REAC	CON FOR S/C																										
4	STATIC NAME	RATED KVA	RATED KV	RATED PF								CABLE RES	CABLE REAC	CON FOR S/C	1	2	3	4	5	6	7	8	9	10	11																
**********																																									
4	4P201B	150.00	.460	5.800	(1.2)	2.000	.900	.925	(.200)	(****)	(1.)	.027	.029	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)																
1	4V1D	100.00	.460	7.750	(1.2)	2.000	(.850)	(.920)	(.200)	(****)	(1.)	.058	.039	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	1															

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BUS NAME	MIN ALLOWABLE VOLTAGE FOR S S	MIN ALLOWABLE VOLTAGE WHEN STARTING OTHER MOTORS	MAX # WARNINGS FOR LOW VOLT
4B04	96.00 %	82.00 %	30.0

****
* LOAD DATA *
****

TYPE	NAME	RATED HP / RATED MVA	RATED KV	LRA/FLA / PU OP VOLT	K1 FACTOR / X/R	SPEED 3.6K=1 <3.6K=2 / X C&L	OP PWR FACTOR / X INT	OP EFF / X GVD	ST PF / TRANSF MVA	R-OHMS T-T / REACT -TOL OR TRANSF KV	HOT SYN=2 IND=1 / REAC +TOL OR TRANSF TOL	ANG DEG	CABLE RES	CABLE REAC	0=ON 1=OFF CON FOR S/C	VOLTAGE DROP CONDITION CODES (0=ON;1=OFF;2=STARTING)
1	MOTOR NAME	RATED HP	RATED KV	LRA/FLA	K1 FACTOR	SPEED 3.6K=1 <3.6K=2	OP PWR FACTOR	OP EFF	ST PF	R-OHMS T-T	HOT SYN=2 IND=1		CABLE RES	CABLE REAC	CON FOR S/C	
2	GEN NAME	RATED MVA	RATED KV	PU OP VOLT		X C&L	X INT	X GVD	X/R			ANG DEG	CABLE RES	CABLE REAC	CON FOR S/C	
3	SYSTEM NAME	S/C MVA	X/R	PU OP VOLT	V/D MVA	OHMS FOR REACT OR Z% FOR TRANSF	% R/X FOR REAC OR %R FOR TRANSF	TRANSF MVA	REACT -TOL OR TRANSF KV	REAC +TOL OR TRANSF TOL		ANG DEG	CABLE RES	CABLE REAC	CON FOR S/C	
4	STATIC NAME	RATED KVA	RATED KV	RATED PF									CABLE RES	CABLE REAC	CON FOR S/C	

TYPE	NAME	RATED HP / RATED MVA	RATED KV	LRA/FLA / PU OP VOLT	K1 FACTOR / X/R	SPEED 3.6K=1 <3.6K=2 / X C&L	OP PWR FACTOR / X INT	OP EFF / X GVD	ST PF / TRANSF MVA	R-OHMS T-T / REACT -TOL OR TRANSF KV	HOT SYN=2 IND=1 / REAC +TOL OR TRANSF TOL	ANG DEG	CABLE RES	CABLE REAC	CON FOR S/C	1	2	3	4	5	6	7	8	9	10	11
1	4P214B	250.00	.460	6.540	(1.2)	1.000	.910	.940	.150	(****)(1.)			.006	.012	(0)	1	1	2	(0)	(0)	(0)	(0)	(0)	(0)	(0)	2
1	4S7B	150.00	.460	(6.000)(	1.2)	2.000	(.850)(	.920)(	.200)(	(****)(1.)			.011	.012	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
4	PH4B13	150.00	.480	1.000	*******	*****	*****	*****	******	****	***		.005	.008	(1)	1	1	1	1	1	1	1	1	1	1	1

**********CHANGES TO LOAD DATA FOR VOLTAGE DROP CASE **********

DEVICE NAME		CASE: 1	2	3	4	5	6	7	8	9	10	11
1 4S7B	RATED HP	75.00	75.00	75.00	75.00	75.00	75.00	75.00	75.00	150.00	150.00	150.00

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BUS NAME	MIN ALLOWABLE VOLTAGE FOR S S	MIN ALLOWABLE VOLTAGE WHEN STARTING OTHER MOTORS	MAX # WARNINGS FOR LOW VOLT
4B54	90.00 %	80.00 %	30.0

****
* LOAD DATA *
****

TYPE	NAME	RATED HP / RATED KVA / RATED S/C HVA	RATED KV	LRA/FLA / PU OP VOLT	K1 FACTOR / X/R / V/D HVA	SPEED 3.6K=1 <3.6K=2 / X C&L / OHMS FOR REACT OR Z% FOR TRANSF	OP PWR FACTOR / X INT / % R/X FOR REAC OR %R FOR TRANSF	OP EFF / X GVD / TRANSF HVA	ST PF / REACT -TOL OR TRANSF KV	R-OHMS T-T / REAC +TOL OR TRANSF TOL	MOT SYN=2 IND=1 / ANG DEG	CABLE RES REAC	0=ON 1=OFF CON FOR S/C	VOLTAGE DROP CONDITION CODES (0=ON;1=OFF;2=STARTING)
1	MOTOR NAME	RATED HP	RATED KV	LRA/FLA	K1 FACTOR	SPEED 3.6K=1 <3.6K=2	OP PWR FACTOR	OP EFF	ST PF	R-OHMS T-T	MOT SYN=2 IND=1	CABLE RES REAC	CON FOR S/C	VOLTAGE DROP CONDITION CODES (0=ON;1=OFF;2=STARTING)
2	GEN NAME	RATED HVA	RATED KV	PU OP VOLT		X C&L	X INT	X GVD	X/R		ANG DEG	CABLE RES REAC	CON FOR S/C	
3	SYSTEM NAME	S/C HVA	X/R	PU OP VOLT	V/D HVA	OHMS FOR REACT OR Z% FOR TRANSF	% R/X FOR REAC OR %R FOR TRANSF	TRANSF HVA	REACT -TOL OR TRANSF KV	REAC +TOL OR TRANSF TOL	ANG DEG	CABLE RES REAC	CON FOR S/C	
4	STATIC NAME	RATED KVA	RATED KV	RATED PF								CABLE RES REAC	CON FOR S/C	

1	HVACHP	18.00	.460	1.000	(8.0)	2.000	(.850)	(.920)	(.200)	(****)	(1.)	(.000)	(.000)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
4	HVACKW	27.00	.480	1.000	*******	*****	*****	*****	******	****	***	(.000)	(.000)	(1)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)

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BUS NAME	MIN ALLOWABLE VOLTAGE FOR S S	MIN ALLOWABLE VOLTAGE WHEN STARTING OTHER MOTORS	MAX # WARNINGS FOR LOW VOLT
4B06	96.00 %	82.00 %	30.0

****
* LOAD DATA *
****

TYPE	NAME	RATED HP / RATED HVA / RATED HVA	RATED KV	LRA/FLA / PU OP VOLT	K1 FACTOR / V/D MVA	SPEED 3.6K=1 <3.6K=2 / OHMS FOR REACT OR Z% FOR TRANSF	OP PWR FACTOR / % R/X FOR REAC OR %R FOR TRANSF	OP EFF / X C&L / X INT	ST PF / X GVD / TRANSF MVA	R-OHMS T-T / REACT -TOL OR TRANSF KV	REAC +TOL OR TRANSF TOL	MOT SYN=2 IND=1 / ANG DEG	CABLE RES	CABLE REAC	0=ON 1=OFF CON FOR S/C	VOLTAGE DROP CONDITION CODES (0=ON;1=OFF;2=STARTING)
2	GEN NAME	RATED HVA	RATED KV	PU OP VOLT		X C&L	X INT	X GVD	X/R			ANG DEG	CABLE RES	CABLE REAC	CON FOR S/C	
3	SYSTEM NAME	S/C HVA	X/R	PU OP VOLT	V/D MVA	OHMS FOR REACT OR Z% FOR TRANSF	% R/X FOR REAC OR %R FOR TRANSF	TRANSF MVA	REACT -TOL OR TRANSF KV	REAC +TOL OR TRANSF TOL		ANG DEG	CABLE RES	CABLE REAC	CON FOR S/C	
4	STATIC NAME	RATED KVA	RATED KV	RATED PF									CABLE RES	CABLE REAC	CON FOR S/C	

TYPE	NAME	RATED HP	RATED KV	LRA/FLA	K1 FACTOR	SPEED 3.6K=1 <3.6K=2	OP PWR FACTOR	OP EFF	ST PF	R-OHMS T-T	MOT SYN=2 IND=1	CABLE RES	CABLE REAC	CON FOR S/C	1	2	3	4	5	6	7	8	9	10	11
1	4P203B	15.00	.460	(6.000)(	8.0)	2.000 (	.850)(	.920)(	.200)(	****)(	1.)	.135	.032	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1	E16A/17	34.00	.460	(6.000)(	8.0)	2.000 (	.850)(	.920)(	.200)(	****)(	1.)	.075	.007	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1	4V20	20.00	.460	(6.000)(	8.0)	2.000 (	.850)(	.920)(	.200)(	****)(	1.)	.194	.010	1	1	1	1	1	1	1	1	1	1	1	1
1	4V19B	15.00	.460	(6.000)(	8.0)	2.000 (	.850)(	.920)(	.200)(	****)(	1.)	.454	.014	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1	4V2B	60.00	.460	(6.000)(	1.2)	2.000 (	.850)(	.920)(	.200)(	****)(	1.)	.067	.025	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1	4V30C	30.00	.460	5.390 (	8.0)	2.000 (	.850)(	.920)(	.200)(	****)(	1.)	.231	.030	(0)	1	1	2	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1	4V3C	75.00	.460	6.060 (	1.2)	2.000 (	.850)(	.920)(	.200)(	****)(	1.)	.043	.029	(0)	1	1	1	1	1	2	(0)	(0)	(0)	(0)	(0)
1	4V9	20.00	.460	(6.000)(	8.0)	2.000 (	.850)(	.920)(	.200)(	****)(	1.)	.217	.011	1	1	1	1	1	1	1	1	1	1	1	1
1	4V36	2.00	.460	(6.000)(	8.0)	2.000 (	.850)(	.920)(	.200)(	****)(	1.)	.847	.018	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
4	4D02	25.00	.480	1.000	*******	*****	*****	*****	******	****	***	.017	.012	(1)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
4	STATICL	10.00	.480	1.000	*******	*****	*****	*****	******	****	*** (	.000)(	.000)(	1)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1	MOV381	.42	.460	5.200 (	8.0)	2.000	.850	.490	.600	(****)(	1.)	.700	.015	(0)	2	(0)	(0)	(0)	(0)	1	1	1	1	1	1
1	MOV626	1.00	.460	5.700 (	8.0)	2.000	.850	.390	.600	(****)(	1.)	.778	.017	(0)	2	(0)	(0)	(0)	(0)	1	1	1	1	1	1
1	MOV716B	1.30	.460	3.700 (	8.0)	2.000	.850	.600	.600	(****)(	1.)	.491	.016	(0)	2	(0)	(0)	(0)	(0)	1	1	1	1	1	1
1	MOV730	1.30	.460	3.700 (	8.0)	2.000	.850	.600	.600	(****)(	1.)	.711	.015	(0)	2	(0)	(0)	(0)	(0)	1	1	1	1	1	1
1	MOV744B	10.50	.460	7.200 (	8.0)	2.000	.850	.800	.600	(****)(	1.)	.493	.017	(0)	2	(0)	(0)	(0)	(0)	1	1	1	1	1	1
1	MOV843B	1.58	.460	7.400 (	8.0)	2.000	.850	.500	.600	(****)(	1.)	.689	.015	(0)	2	(0)	(0)	(0)	(0)	1	1	1	1	1	1
1	MOV880B	2.00	.460	3.700 (	8.0)	2.000	.850	.630	.600	(****)(	1.)	.678	.015	(0)	2	(0)	(0)	(0)	(0)	1	1	1	1	1	1
1	MOV1402	.33	.460	7.300 (	8.0)	2.000	.850	.480	.600	(****)(	1.)	.660	.014	(0)	2	(0)	(0)	(0)	(0)	1	1	1	1	1	1
1	MOV1418	1.50	.460	5.700 (	8.0)	2.000	.850	.500	.600	(****)(	1.)	.586	.019	(0)	2	(0)	(0)	(0)	(0)	1	1	1	1	1	1
1	MOV1421	5.20	.460	5.600 (	8.0)	2.000	.850	.540	.600	(****)(	1.)	.731	.016	(0)	2	(0)	(0)	(0)	(0)	1	1	1	1	1	1
1	MOV1425	.25	.460	4.900 (	8.0)	2.000	.850	.500	.600	(****)(	1.)	.970	.021	(0)	2	(0)	(0)	(0)	(0)	1	1	1	1	1	1

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BUS NAME	MIN ALLOWABLE VOLTAGE FOR S S	MIN ALLOWABLE VOLTAGE WHEN STARTING OTHER MOTORS	MAX # WARNINGS FOR LOW VOLT
4B52	96.00 %	82.00 %	30.0

****
* LOAD DATA *
****

TYPE	MOTOR NAME	RATED HP	RATED KV	LRA/ FLA	K1 FACTOR	SPEED 3.6K=1 <3.6K=2	OP PWR FACTOR	OP EFF	ST PF	R-OHMS T-T	MOT SYN=2 IND=1	CABLE RES	CABLE REAC	0=ON 1=OFF CON FOR S/C	VOLTAGE DROP CONDITION CODES (0=ON;1=OFF;2=STARTING)
2	GEN NAME	RATED MVA	RATED KV	PU OP VOLT		X C&L	X INT	X GVD	X/R		ANG DEG	CABLE RES	CABLE REAC	CON FOR S/C	
3	SYSTEM NAME	S/C MVA	X/R	PU OP VOLT	V/D MVA	OHMS FOR REACT OR Z% FOR TRANSF	% R/X FOR REAC OR %R FOR TRANSF	TRANSF MVA	REACT -TOL OR TRANSF KV	REAC +TOL OR TRANSF TOL	ANG DEG	CABLE RES	CABLE REAC	CON FOR S/C	
4	STATIC NAME	RATED KVA	RATED KV	RATED PF								CABLE RES	CABLE REAC	CON FOR S/C	

	4P244B	1.00	.460	(6.000)(	8.0)	2.000	(.850)(	.920)(	.200)(****)(	1.)	.118	.004	(0)	2	(0)(0)(0)(0)(0)(0)(0)(0)(0)(0)
1	4V63B	2.00	.460	(6.000)(	8.0)	2.000	(.850)(	.920)(	.200)(****)(	1.)	.056	.002	(0)	(0)	(0)(0)(0)(0)(0)(0)(0)(0)(0)(0)
1	4V70B	.50	.460	(6.000)(	8.0)	2.000	(.850)(	.920)(	.200)(****)(	1.)	.143	.005	(0)	(0)	(0)(0)(0)(0)(0)(0)(0)(0)(0)(0)
1	4V65B	2.00	.460	(6.000)(	8.0)	2.000	(.850)(	.920)(	.200)(****)(	1.)	.065	.002	(0)	(0)	(0)(0)(0)(0)(0)(0)(0)(0)(0)(0)
1	4V67B	40.00	.460	(6.000)(	8.0)	2.000	(.850)(	.920)(	.200)(****)(	1.)	.008	.004	(0)	2	(0)(0)(0)(0)(0)(0)(0)(0)(0)(0)
1	4V64B	3.00	.460	(6.000)(	8.0)	2.000	(.850)(	.920)(	.200)(****)(	1.)	.032	.001	(0)	(0)	(0)(0)(0)(0)(0)(0)(0)(0)(0)(0)
1	4P241B	1.00	.460	(6.000)(	8.0)	2.000	(.850)(	.920)(	.200)(****)(	1.)	.243	.008	(0)	2	(0)(0)(0)(0)(0)(0)(0)(0)(0)(0)
1	4S226B	15.00	.460	(6.000)(	8.0)	2.000	(.850)(	.920)(	.200)(****)(	1.)	.051	.006	(0)	2	(0)(0)(0)(0)(0)(0)(0)(0)(0)(0)
1	4V68B	40.00	.460	(6.000)(	8.0)	2.000	(.850)(	.920)(	.200)(****)(	1.)	.010	.005	(0)	2	(0)(0)(0)(0)(0)(0)(0)(0)(0)(0)
1	4P245B	.75	.460	(6.000)(	8.0)	2.000	(.850)(	.920)(	.200)(****)(	1.)	.118	.004	(0)	2	(0)(0)(0)(0)(0)(0)(0)(0)(0)(0)
1	4V69B	40.00	.460	(6.000)(	8.0)	2.000	(.850)(	.920)(	.200)(****)(	1.)	.011	.005	(0)	2	(0)(0)(0)(0)(0)(0)(0)(0)(0)(0)
1	4S231B	9.50	.460	(6.000)(	8.0)	2.000	(.850)(	.920)(	.200)(****)(	1.)	.083	.004	(0)	(0)	(0)(0)(0)(0)(0)(0)(0)(0)(0)(0)
4	STATICL	1.00	.480	1.000	*******	*****	*****	*****	******	****	*** (	.000)(	.000)(1)	(0)	(0)(0)(0)(0)(0)(0)(0)(0)(0)(0)

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                                BUS NAME                 MIN  ALLOWABLE           MIN  ALLOWABLE
                                                         VOLTAGE FOR S S        VOLTAGE WHEN STARTING  MAX  # WARNINGS FOR LOW VOLT
                                                                                  OTHER MOTORS
                                2BUS114                    ( 90.00) %               ( 70.70) %                    ( 5.0)
T                                                        ****************
Y                                                        *  LOAD DATA   *
P                                                        ****************                               0=ON
E                                                                                                       1=OFF
1 MOTOR      RATED     RATED LRA/       K1   SPEED OP PWR     OP      ST     R-OHMS  MOT     CABLE     CON            VOLTAGE DROP
  NAME       HP        KV    FLA     FACTOR 3.6K=1 FACTOR    EFF      PF      T-T   SYN=2  RES  REAC   FOR          CONDITION CODES
                                            <3.6K=2                                 IND=1            S/C       (0=ON;1=OFF;2=STARTING)

2 GEN        RATED     RATED PU                  X      X      X      X/R            ANG     CABLE     CON
  NAME       MVA       KV    OP                 C&L    INT    GVD                    DEG   RES  REAC   FOR
                             VOLT                                                                    S/C

3 SYSTEM     S/C       X/R   PU          V/D   OHMS    % R/X  TRANSF REACT    REAC   ANG     CABLE     CON
  NAME       MVA             OP          MVA   FOR      FOR    MVA   -TOL     +TOL   DEG   RES  REAC   FOR
                             VOLT              REACT    REAC          OR       OR                    S/C
                                               OR ZX   OR XR        TRANSF   TRANSF
                                               FOR      FOR           KV      TOL
                                              TRANSF  TRANSF
4 STATIC     RATED     RATED RATED                                                         CABLE     CON
  NAME       KVA       KV     PF                                                         RES  REAC   FOR
                                                                                                     S/C  1  2  3  4  5  6  7  8  9 10 11
*********************************************************************************************************************************
SWICHYD15000.00  19.000 1.008    4435.0   .000    .000    .000 (  .000)(  .0)( 0.)( .000)( .000)(0) (0)(0)(0)(0)(0)(0)(0)(0)(0)(0)(0)
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BUS TIE CONNECTION DATA

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T  (NOTE: "C"=CABLE "T"=TRANSFORMER "R"=REACTOR ***=IMP  FOR 3-WIND  **=IMP  FOR 2-WIND )
Y
P TIE  BUS OR  BUS OR  TERM NAME
E NAME  TERM    TERM   AWAY FROM
        NAME    NAME    CENTRAL
       TOWARD   AWAY    TRANSF
       CENTRAL  FROM    (USE THIS
       TRANSF  CENTRAL  COL  FOR
               TRANSF   3 -WIND
                         TRANSF )
C                                CABLE    CABLE
                                 RESIS    REAC

T       (A)      (B)      (C)    TRANSF  TERM (A) TERM (B) TERM (C) TRANSF
                                 RATED   RATED    RATED    RATED    TOL
                                  MVA     VOLT     VOLT     VOLT     %

R                                CABLE    CABLE    OHMS    REACTOR   +TOL    -TOL
                                 RESIS    REAC      X       X/R      FOR     FOR
                                                                     S/C     V/D
*****************************************************************************************************************************
C TRLIN H1      2BUS114          ( .000)  ( .000)
C NONSG X1      4AA1               .001     .002
C NONSG Y1      4AB1               .001     .002
T 4X03  H1      X1      Y1       40.000  233.000    4.160   4.160    .000
***   ZH-X=16.640 %  RH-X=  .670 %  ZH-Y=16.640 %  RH-Y=  .670 %  ZX-Y=29.890 %  RX-Y= 1.190 %
R 4AA2  4AA1    4AA2             ( .000)  ( .000)     .04    80.0  (  .00) (  .00)
C 4AD   4AB2    4AD                .012     .028
C 4B01  X2      4B01             ( .000)  ( .000)
C 4B03  X4      4B03             ( .000)  ( .000)
C 4B05V 4B01    4B05V              .002     .004
C 4B05N 4B01    4B05N              .005     .005
C 4B07  4B03    4B07               .004     .007
C 4B08  4B50    4B08               .000     .001
C 4B50  4B04    4B50               .003     .005
C 4B51  4B01    4B51               .011     .022
C 4X04  4AA2    H2                 .004     .003
T 4X04  H2      X2                1.000    4.050     .480    .000   2.500
**    ZH-X= 5.630 %  RH-X=  .544 %
C 4X06  4AA2    H4                 .002     .002
T 4X06  H4      X4                1.000    4.050     .480    .000   2.500
**    ZH-X= 5.610 %  RH-X=  .544 %
R 4AB2  4AB1    4AB2             ( .000)  ( .000)     .04    80.0  (  .00) (  .00)
C 4B02  X3      4B02             ( .000)  ( .000)
C 4B04  X5      4B04             ( .000)  ( .000)
C 4B06  4B02    4B06               .002     .005
C 4B52  4B04    4B52               .012     .024
T 4X05  H3      X3                1.000    4.050     .480    .000   2.500
**    ZH-X= 5.610 %  RH-X=  .544 %
C 4X05  4AB2    H3                 .003     .003
C 4X07  4AB2    H5                 .004     .003
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BUS TIE CONNECTION DATA

```
T  (NOTE: "C"=CABLE "T"=TRANSFORMER "R"=REACTOR ***=IMP  FOR 3-WIND  **=IMP  FOR 2-WIND )
Y
P TIE  BUS OR  BUS OR  TERM NAME
E NAME  TERM    TERM   AWAY FROM
        NAME    NAME    CENTRAL
       TOWARD   AWAY    TRANSF
       CENTRAL  FROM    (USE THIS
       TRANSF  CENTRAL  COL  FOR
               TRANSF   3 -WIND
                         TRANSF )
C                                CABLE    CABLE
                                 RESIS    REAC

T       (A)      (B)      (C)    TRANSF  TERM (A) TERM (B) TERM (C) TRANSF
                                 RATED   RATED    RATED    RATED    TOL
                                  MVA     VOLT     VOLT     VOLT     %

R                                CABLE    CABLE    OHMS    REACTOR   +TOL    -TOL
                                 RESIS    REAC      X       X/R      FOR     FOR
                                                                     S/C     V/D
*****************************************************************************************************************************
C 4B53  4B01    4B53              .002     .002
C 4B54  4B04    4B54              .003     .003
T 4X07  H5      X5               1.000    4.055     .480    .000   2.500
**    ZH-X= 5.650 %  RH-X=  .544 %
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SHORT CIRCUIT ANALYSIS

NOTE:
TYPE 1 FAULT= MEDIUM VOLTAGE FAULT CALCULATION
TYPE 2 FAULT= LOW VOLTAGE POWER CIRCUIT BREAKER FAULT CALCULATION
TYPE 3 FAULT= LOW VOLTAGE MOLDED CASE BREAKER FAULT CALCULATION

BASE MVA = 40.000

TYPE OF FAULT	FAULT BUS NAME	PER UNIT RESISTANCE	PER UNIT INT REACTANCE	PER UNIT C&L REACTANCE	X/R	INT KA	C&L KA	K3	K4	K5	BASE VOLTAGE (KV)
1	4AA1	.00527	.14102	.12764	24.1	42.6	69.6	1.08			4.160
1	4AA2	.00610	.21314	.18929	30.6	29.8	46.9	1.14			4.160
1	4AD	.03313	.27579	.24894	7.4	20.1	35.7	1.00			4.160
2	4B01	.17159	1.67811		9.8	28.8			1.06		.493
2	4B03	.19916	2.00292		10.1	24.2			1.07		.493
3	4B05V	.45910	2.25461		4.9	19.8				1.00	.493
3	4B05N	.89134	2.45802		2.8	17.4				1.00	.493
3	4B07	.66282	2.97770		4.5	14.9				1.00	.493
3	4B08	.47621	2.31766		4.9	19.3				1.00	.492
2	4B50	.43864	2.21572		5.1	20.2			1.00		.492
1	4AB1	.00549	.14187	.12809	23.1	42.0	69.3	1.07			4.160
1	4AB2	.00628	.21263	.18712	29.3	29.6	47.5	1.13			4.160
2	4B02	.19806	1.91105		9.6	25.2			1.06		.493
2	4B04	.16788	1.64722		9.8	29.4			1.06		.492
3	4B06	.54851	2.57928		4.7	17.3				1.00	.493
3	4B52	1.51426	4.96010		3.3	8.8				1.00	.492
3	4B51	1.42221	4.68825		3.3	9.3				1.00	.493
3	4B53	.46718	2.00661		4.3	22.1				1.00	.493
3	4B54	.61215	2.12471		3.5	20.7				1.00	.492

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VOLTAGE DROP ANALYSIS CASE #= 1

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
2BUS114	***PRIOR****	233.876KV=100.4% OF233.000KV	.0	.0	.0	.0
2BUS114	***DURING***	233.769KV=100.3% OF233.000KV	.0	.0	.0	.0
2BUS114	***AFTER****	233.860KV=100.4% OF233.000KV	.0	.0	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4AA1	***PRIOR****	4.031KV= 96.9% OF 4.160KV	4109.3	2559.5	.0	.0
4AA1	***DURING***	4.010KV= 96.4% OF 4.160KV	4109.3	2559.5	.0	.0
4AA1	***AFTER****	4.028KV= 96.8% OF 4.160KV	4109.3	2559.5	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4AB1	***PRIOR****	3.971KV= 95.5% OF 4.160KV	8219.6	5120.4	.0	.0
4AB1	***DURING***	3.949KV= 94.9% OF 4.160KV	8219.6	5120.4	.0	.0
4AB1	***AFTER****	3.968KV= 95.4% OF 4.160KV	8219.6	5120.4	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4AA2	***PRIOR****	3.995KV= 96.0% OF 4.160KV	5252.9	2987.7	.0	.0
4AA2	***DURING***	3.965KV= 95.3% OF 4.160KV	5252.9	2987.7	.0	.0
4AA2	***AFTER****	3.991KV= 95.9% OF 4.160KV	5252.9	2987.7	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4AD	***PRIOR****	3.926KV= 94.4% OF 4.160KV	626.9	409.2	.0	.0
4AD	***DURING***	3.895KV= 93.6% OF 4.160KV	626.9	409.2	.0	.0
4AD	***AFTER****	3.922KV= 94.3% OF 4.160KV	626.9	409.2	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B01	***PRIOR****	.464KV= 94.1% OF .493KV	245.7	137.3	.0	.0
4B01	***DURING***	.439KV= 89.0% OF .493KV	245.7	137.3	.0	.0
4B01	***AFTER****	.461KV= 93.5% OF .493KV	245.7	137.3	.0	.0

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VOLTAGE DROP ANALYSIS CASE #= 1

NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B03	***PRIOR****	.467KV= 94.8%	OF	.493KV	83.0	51.6	282.4	2.5
4B03	***DURING***	.461KV= 93.5%	OF	.493KV	83.0	51.6	274.7	2.5
4B03	***AFTER****	.466KV= 94.6%	OF	.493KV	83.0	51.6	281.4	2.5

NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B05V	***PRIOR****	.463KV= 94.0%	OF	.493KV	82.6	51.3	.9	.0
4B05V	***DURING***	.438KV= 88.8%	OF	.493KV	112.8	83.9	.8	.0
4B05V	***AFTER****	.460KV= 93.3%	OF	.493KV	90.9	56.3	.9	.0

STARTING MOTOR NAME	HP				
MOV1420***PRIOR****	.0	.000KV= .0%	OF	.460 KV	* MOTOR NOT STARTED YET *
MOV1420***DURING***	5.2	.395KV= 85.8%	OF	.460 KV	
MOV1420***AFTER****	5.2	.449KV= 97.5%	OF	.460 KV	

STARTING MOTOR NAME	HP				
MOV1400***PRIOR****	.0	.000KV= .0%	OF	.460 KV	* MOTOR NOT STARTED YET *
MOV1400***DURING***	.3	.434KV= 94.3%	OF	.460 KV	
MOV1400***AFTER****	.3	.459KV= 99.8%	OF	.460 KV	

STARTING MOTOR NAME	HP				
MOV1427***PRIOR****	.0	.000KV= .0%	OF	.460 KV	* MOTOR NOT STARTED YET *
MOV1427***DURING***	.3	.434KV= 94.4%	OF	.460 KV	
MOV1427***AFTER****	.3	.459KV= 99.8%	OF	.460 KV	

NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B05N	***PRIOR****	.461KV= 93.4%	OF	.493KV	62.8	40.1	242.2	.0
4B05N	***DURING***	.436KV= 88.3%	OF	.493KV	62.8	40.1	216.5	.0
4B05N	***AFTER****	.457KV= 92.8%	OF	.493KV	62.8	40.1	238.8	.0

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VOLTAGE DROP ANALYSIS CASE #= 1

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B07	***PRIOR****	.464KV= 94.1% OF	.493KV	172.8	106.8	1.9	.0
4B07	***DURING***	.456KV= 92.4% OF	.493KV	250.1	193.2	1.8	.0
4B07	***AFTER****	.463KV= 93.9% OF	.493KV	190.3	117.5	1.9	.0

STARTING MOTOR NAME	HP			
MOV1426***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *
MOV1426***DURING***	.3	.454KV= 98.8% OF	.460 KV	
MOV1426***AFTER****	.3	.463KV=100.6% OF	.460 KV	
STARTING MOTOR NAME	**HP**			
MOV6386***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *
MOV6386***DURING***	.1	.453KV= 98.5% OF	.460 KV	
MOV6386***AFTER****	.1	.462KV=100.5% OF	.460 KV	
STARTING MOTOR NAME	**HP**			
MOV1401***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *
MOV1401***DURING***	.3	.447KV= 97.2% OF	.460 KV	
MOV1401***AFTER****	.3	.461KV=100.3% OF	.460 KV	
STARTING MOTOR NAME	**HP**			
MOV880A***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *
MOV880A***DURING***	2.0	.451KV= 98.1% OF	.460 KV	
MOV880A***AFTER****	2.0	.461KV=100.3% OF	.460 KV	

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VOLTAGE DROP ANALYSIS CASE #= 1

STARTING MOTOR NAME	HP				
MOV716A***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *	
MOV716A***DURING***	1.3	.453KV= 98.4% OF	.460 KV		
MOV716A***AFTER****	1.3	.462KV=100.4% OF	.460 KV		
STARTING MOTOR NAME	HP				
MOV744A***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *	
MOV744A***DURING***	10.3	.405KV= 88.0% OF	.460 KV		
MOV744A***AFTER****	10.3	.453KV= 98.5% OF	.460 KV		
STARTING MOTOR NAME	HP				
MOV843A***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *	
MOV843A***DURING***	1.6	.441KV= 95.9% OF	.460 KV		
MOV843A***AFTER****	1.6	.460KV=100.0% OF	.460 KV		

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B08	***PRIOR****	.451KV= 91.6% OF	.492KV	231.8	142.6	39.4	.0
4B08	***DURING***	.426KV= 86.5% OF	.492KV	245.1	163.2	35.2	.0
4B08	***AFTER****	.448KV= 90.9% OF	.492KV	236.3	145.4	38.8	.0

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

	HP			
E16B/17***PRIOR****	34.0	.438KV= 95.3% OF	.460 KV	* WARNING WARNING WARNING *
E16B/17***DURING***	34.0	.413KV= 89.7% OF	.460 KV	* WARNING WARNING WARNING *
E16B/17***AFTER****	34.0	.435KV= 94.5% OF	.460 KV	* WARNING WARNING WARNING *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

	HP			
V10 ***PRIOR****	10.0	.440KV= 95.7% OF	.460 KV	* WARNING WARNING WARNING *
V10 ***DURING***	10.0	.415KV= 90.1% OF	.460 KV	* WARNING WARNING WARNING *
V10 ***AFTER****	10.0	.437KV= 95.0% OF	.460 KV	* WARNING WARNING WARNING *

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VOLTAGE DROP ANALYSIS CASE #= 1

STARTING MOTOR NAME		HP				
V29A	***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *	
V29A	***DURING***	1.0	.425KV= 92.4% OF	.460 KV		
V29A	***AFTER****	1.0	.447KV= 97.2% OF	.460 KV		

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP				
V76/232	***PRIOR****	36.0	.445KV= 96.7% OF	.460 KV	* WARNING WARNING WARNING *	
V76/232	***DURING***	36.0	.420KV= 91.2% OF	.460 KV	* WARNING WARNING WARNING *	
V76/232	***AFTER****	36.0	.442KV= 96.0% OF	.460 KV	* WARNING WARNING WARNING *	

STARTING MOTOR NAME		HP			
MOV1404	***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *
MOV1404	***DURING***	.3	.424KV= 92.2% OF	.460 KV	
MOV1404	***AFTER****	.3	.447KV= 97.1% OF	.460 KV	

STARTING MOTOR NAME		HP			
MOV1417	***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *
MOV1417	***DURING***	1.5	.419KV= 91.1% OF	.460 KV	
MOV1417	***AFTER****	1.5	.446KV= 96.9% OF	.460 KV	

STARTING MOTOR NAME		HP			
MOV6552	***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *
MOV6552	***DURING***	.1	.425KV= 92.3% OF	.460 KV	
MOV6552	***AFTER****	.1	.447KV= 97.2% OF	.460 KV	

STARTING MOTOR NAME		HP			
MOV6543	***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *
MOV6543	***DURING***	.1	.425KV= 92.3% OF	.460 KV	
MOV6543	***AFTER****	.1	.447KV= 97.2% OF	.460 KV	

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B50	***PRIOR****	.451KV= 91.7% OF	.492KV	122.8	60.2	.0	.0
4B50	***DURING***	.427KV= 86.6% OF	.492KV	122.8	60.2	.0	.0
4B50	***AFTER****	.448KV= 91.0% OF	.492KV	122.8	60.2	.0	.0

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VOLTAGE DROP ANALYSIS CASE #= 1

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B51	***PRIOR****	.463KV= 94.0% OF	.493KV	17.9	11.1	.9	.0
4B51	***DURING***	.402KV= 81.5% OF	.493KV	146.1	603.9	.7	.0
4B51	***AFTER****	.454KV= 92.0% OF	.493KV	131.5	81.4	.9	.0

STARTING MOTOR NAME		HP			
4P244A	***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *
4P244A	***DURING***	1.0	.402KV= 87.3% OF	.460 KV	
4P244A	***AFTER****	1.0	.454KV= 98.6% OF	.460 KV	

STARTING MOTOR NAME		HP			
4V63A	***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *
4V63A	***DURING***	2.0	.402KV= 87.3% OF	.460 KV	
4V63A	***AFTER****	2.0	.454KV= 98.6% OF	.460 KV	

STARTING MOTOR NAME		HP			
4V67A	***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *
4V67A	***DURING***	40.0	.399KV= 86.8% OF	.460 KV	
4V67A	***AFTER****	40.0	.453KV= 98.5% OF	.460 KV	

STARTING MOTOR NAME		HP			
4P241A	***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *
4P241A	***DURING***	1.0	.401KV= 87.3% OF	.460 KV	
4P241A	***AFTER****	1.0	.453KV= 98.6% OF	.460 KV	

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VOLTAGE DROP ANALYSIS CASE #= 1

STARTING MOTOR NAME		HP				
4S226A	***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *	
4S226A	***DURING***	15.0	.398KV= 86.6% OF	.460 KV		
4S226A	***AFTER****	15.0	.452KV= 98.2% OF	.460 KV		
STARTING MOTOR NAME		HP				
4V68A	***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *	
4V68A	***DURING***	40.0	.399KV= 86.8% OF	.460 KV		
4V68A	***AFTER****	40.0	.453KV= 98.4% OF	.460 KV		
STARTING MOTOR NAME		HP				
4P245A	***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *	
4P245A	***DURING***	.8	.402KV= 87.4% OF	.460 KV		
4P245A	***AFTER****	.8	.454KV= 98.6% OF	.460 KV		
STARTING MOTOR NAME		HP				
4V69A	***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *	
4V69A	***DURING***	40.0	.399KV= 86.7% OF	.460 KV		
4V69A	***AFTER****	40.0	.453KV= 98.4% OF	.460 KV		

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4AB2	***PRIOR****	3.931KV= 94.5% OF	4.160KV	5252.4	2987.2	.0	.0
4AB2	***DURING***	3.900KV= 93.7% OF	4.160KV	5252.4	2987.2	.0	.0
4AB2	***AFTER****	3.927KV= 94.4% OF	4.160KV	5252.4	2987.2	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B02	***PRIOR****	.460KV= 93.3% OF	.493KV	206.9	113.0	.0	.0
4B02	***DURING***	.451KV= 91.6% OF	.493KV	206.9	113.0	.0	.0
4B02	***AFTER****	.459KV= 93.0% OF	.493KV	206.9	113.0	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B04	***PRIOR****	.456KV= 92.6% OF	.492KV	61.1	38.0	.0	.0
4B04	***DURING***	.432KV= 87.7% OF	.492KV	61.1	38.0	.0	.0
4B04	***AFTER****	.453KV= 92.0% OF	.492KV	61.1	38.0	.0	.0

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NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B06	***PRIOR****	.458KV= 93.0% OF	.493KV		104.2	63.8	31.9	.0
4B06	***DURING***	.448KV= 90.8% OF	.493KV		228.8	202.8	30.4	.0
4B06	***AFTER****	.457KV= 92.7% OF	.493KV		135.4	82.8	31.7	.0

STARTING MOTOR NAME		HP			
HOV381	***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *
HOV381	***DURING***	.4	.444KV= 96.6% OF	.460 KV	
HOV381	***AFTER****	.4	.456KV= 99.1% OF	.460 KV	
STARTING MOTOR NAME		HP			
HOV626	***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *
HOV626	***DURING***	1.0	.435KV= 94.5% OF	.460 KV	
HOV626	***AFTER****	1.0	.454KV= 98.6% OF	.460 KV	
STARTING MOTOR NAME		HP			
HOV716B	***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *
HOV716B	***DURING***	1.3	.443KV= 96.4% OF	.460 KV	
HOV716B	***AFTER****	1.3	.455KV= 98.9% OF	.460 KV	
STARTING MOTOR NAME		HP			
HOV730	***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *
HOV730	***DURING***	1.3	.441KV= 95.9% OF	.460 KV	
HOV730	***AFTER****	1.3	.454KV= 98.8% OF	.460 KV	

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STARTING MOTOR NAME	HP			
MOV744B***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *
MOV744B***DURING***	10.5	.396KV= 86.1% OF	.460 KV	
MOV744B***AFTER****	10.5	.446KV= 97.0% OF	.460 KV	
STARTING MOTOR NAME	HP			
MOV843B***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *
MOV843B***DURING***	1.6	.430KV= 93.4% OF	.460 KV	
MOV843B***AFTER****	1.6	.453KV= 98.6% OF	.460 KV	
STARTING MOTOR NAME	HP			
MOV880B***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *
MOV880B***DURING***	2.0	.439KV= 95.4% OF	.460 KV	
MOV880B***AFTER****	2.0	.453KV= 98.6% OF	.460 KV	
STARTING MOTOR NAME	HP			
MOV1402***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *
MOV1402***DURING***	.3	.444KV= 96.5% OF	.460 KV	
MOV1402***AFTER****	.3	.456KV= 99.2% OF	.460 KV	
STARTING MOTOR NAME	HP			
MOV1418***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *
MOV1418***DURING***	1.5	.436KV= 94.8% OF	.460 KV	
MOV1418***AFTER****	1.5	.454KV= 98.7% OF	.460 KV	
STARTING MOTOR NAME	HP			
MOV1421***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *
MOV1421***DURING***	5.2	.404KV= 87.8% OF	.460 KV	
MOV1421***AFTER****	5.2	.445KV= 96.8% OF	.460 KV	

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STARTING MOTOR NAME	HP			
HOV1425***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *
HOV1425***DURING***	.3	.445KV= 96.8% OF	.460 KV	
HOV1425***AFTER****	.3	.456KV= 99.2% OF	.460 KV	

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B52	***PRIOR****	.455KV= 92.5% OF	.492KV	13.8	8.5	.9	.0
4B52	***DURING***	.393KV= 79.8% OF	.492KV	134.0	567.2	.7	.0
4B52	***AFTER****	.445KV= 90.4% OF	.492KV	125.8	77.9	.9	.0

STARTING MOTOR NAME	HP			
4P244B ***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *
4P244B ***DURING***	1.0	.393KV= 85.4% OF	.460 KV	
4P244B ***AFTER****	1.0	.445KV= 96.7% OF	.460 KV	

STARTING MOTOR NAME	HP			
4V67B ***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *
4V67B ***DURING***	40.0	.391KV= 84.9% OF	.460 KV	
4V67B ***AFTER****	40.0	.444KV= 96.6% OF	.460 KV	

STARTING MOTOR NAME	HP			
4P241B ***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *
4P241B ***DURING***	1.0	.392KV= 85.3% OF	.460 KV	
4P241B ***AFTER****	1.0	.445KV= 96.7% OF	.460 KV	

STARTING MOTOR NAME	HP			
4S226B ***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *
4S226B ***DURING***	15.0	.390KV= 84.9% OF	.460 KV	
4S226B ***AFTER****	15.0	.444KV= 96.5% OF	.460 KV	

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STARTING MOTOR NAME		HP				
4V68B	***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *	
4V68B	***DURING***	40.0	.390KV= 84.8% OF	.460 KV		
4V68B	***AFTER****	40.0	.444KV= 96.6% OF	.460 KV		
STARTING MOTOR NAME		HP				
4P245B	***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *	
4P245B	***DURING***	.8	.393KV= 85.4% OF	.460 KV		
4P245B	***AFTER****	.8	.445KV= 96.8% OF	.460 KV		
STARTING MOTOR NAME		HP				
4V69B	***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *	
4V69B	***DURING***	40.0	.390KV= 84.8% OF	.460 KV		
4V69B	***AFTER****	40.0	.444KV= 96.6% OF	.460 KV		

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B53	***PRIOR****	.464KV= 94.1% OF	.493KV	14.6	9.0	25.2	.0
4B53	***DURING***	.439KV= 89.0% OF	.493KV	14.6	9.0	22.6	.0
4B53	***AFTER****	.461KV= 93.4% OF	.493KV	14.6	9.0	24.9	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B54	***PRIOR****	.456KV= 92.6% OF	.492KV	14.6	9.0	24.3	.0
4B54	***DURING***	.431KV= 87.6% OF	.492KV	14.6	9.0	21.8	.0
4B54	***AFTER****	.453KV= 91.9% OF	.492KV	14.6	9.0	24.0	.0

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NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
2BUS114	***PRIOR****	233.860KV=100.4% OF233.000KV	.0	.0	.0	.0
2BUS114	***DURING***	233.441KV=100.2% OF233.000KV	.0	.0	.0	.0
2BUS114	***AFTER****	233.815KV=100.3% OF233.000KV	.0	.0	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4AA1	***PRIOR****	4.028KV= 96.8% OF 4.160KV	4109.3	2559.5	.0	.0
4AA1	***DURING***	3.944KV= 94.8% OF 4.160KV	4109.3	2559.5	.0	.0
4AA1	***AFTER****	4.020KV= 96.6% OF 4.160KV	4109.3	2559.5	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4AB1	***PRIOR****	3.968KV= 95.4% OF 4.160KV	8219.6	5120.4	.0	.0
4AB1	***DURING***	3.883KV= 93.3% OF 4.160KV	8219.6	5120.4	.0	.0
4AB1	***AFTER****	3.959KV= 95.2% OF 4.160KV	8219.6	5120.4	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4AA2	***PRIOR****	3.991KV= 95.9% OF 4.160KV	5252.9	2987.7	.0	.0
4AA2	***DURING***	3.871KV= 93.0% OF 4.160KV	5951.4	6363.7	.0	.0
4AA2	***AFTER****	3.980KV= 95.7% OF 4.160KV	5770.5	3260.7	.0	.0

STARTING MOTOR NAME		HP		
4P210A	***PRIOR****	.0	.000KV= .0% OF 4.000 KV	* MOTOR NOT STARTED YET *
4P210A	***DURING***	300.0	3.860KV= 96.5% OF 4.000 KV	
4P210A	***AFTER****	300.0	3.978KV= 99.4% OF 4.000 KV	

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STARTING MOTOR NAME		HP				
4P215A	***PRIOR****	.0	.000KV= .0% OF	4.000 KV		* MOTOR NOT STARTED YET *
4P215A	***DURING***	350.0	3.855KV= 96.4% OF	4.000 KV		
4P215A	***AFTER****	350.0	3.977KV= 99.4% OF	4.000 KV		

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4AD	***PRIOR****	3.922KV= 94.3% OF	4.160KV	626.9	409.2	.0	.0
4AD	***DURING***	3.801KV= 91.4% OF	4.160KV	626.9	409.2	.0	.0
4AD	***AFTER****	3.910KV= 94.0% OF	4.160KV	626.9	409.2	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B01	***PRIOR****	.461KV= 93.5% OF	.493KV	245.7	137.3	.0	.0
4B01	***DURING***	.446KV= 90.5% OF	.493KV	245.7	137.3	.0	.0
4B01	***AFTER****	.459KV= 93.2% OF	.493KV	245.7	137.3	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B03	***PRIOR****	.466KV= 94.6% OF	.493KV	83.0	51.6	281.4	2.5
4B03	***DURING***	.452KV= 91.7% OF	.493KV	83.0	51.6	264.3	2.4
4B03	***AFTER****	.465KV= 94.3% OF	.493KV	83.0	51.6	279.8	2.5

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B05V	***PRIOR****	.460KV= 93.3% OF	.493KV	90.9	56.3	.9	.0
4B05V	***DURING***	.445KV= 90.3% OF	.493KV	90.9	56.3	.9	.0
4B05V	***AFTER****	.459KV= 93.0% OF	.493KV	90.9	56.3	.9	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B05W	***PRIOR****	.457KV= 92.8% OF	.493KV	62.8	40.1	238.8	.0
4B05W	***DURING***	.443KV= 89.8% OF	.493KV	62.8	40.1	223.8	.0
4B05W	***AFTER****	.456KV= 92.5% OF	.493KV	62.8	40.1	237.4	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B07	***PRIOR****	.463KV= 93.9% OF	.493KV	190.3	117.5	1.9	.0
4B07	***DURING***	.448KV= 90.9% OF	.493KV	190.3	117.5	1.7	.0
4B07	***AFTER****	.462KV= 93.6% OF	.493KV	190.3	117.5	1.8	.0

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NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B08	***PRIOR****	.448KV= 90.9%	OF	.492KV	236.3	145.4	38.8	.0
4B08	***DURING***	.433KV= 87.9%	OF	.492KV	236.3	145.4	36.3	.0
4B08	***AFTER****	.446KV= 90.6%	OF	.492KV	236.3	145.4	38.6	.0

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

	HP							
E16B/17***PRIOR****	34.0	.435KV= 94.5%	OF	.460 KV	*	WARNING	WARNING	WARNING *
E16B/17***DURING***	34.0	.419KV= 91.2%	OF	.460 KV	*	WARNING	WARNING	WARNING *
E16B/17***AFTER****	34.0	.433KV= 94.2%	OF	.460 KV	*	WARNING	WARNING	WARNING *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

	HP							
V10 ***PRIOR****	10.0	.437KV= 95.0%	OF	.460 KV	*	WARNING	WARNING	WARNING *
V10 ***DURING***	10.0	.422KV= 91.6%	OF	.460 KV	*	WARNING	WARNING	WARNING *
V10 ***AFTER****	10.0	.435KV= 94.6%	OF	.460 KV	*	WARNING	WARNING	WARNING *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

	HP							
V76/232***PRIOR****	36.0	.442KV= 96.0%	OF	.460 KV	*	WARNING	WARNING	WARNING *
V76/232***DURING***	36.0	.426KV= 92.7%	OF	.460 KV	*	WARNING	WARNING	WARNING *
V76/232***AFTER****	36.0	.440KV= 95.7%	OF	.460 KV	*	WARNING	WARNING	WARNING *

NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B50	***PRIOR****	.448KV= 91.0%	OF	.492KV	122.8	60.2	.0	.0
4B50	***DURING***	.433KV= 88.0%	OF	.492KV	122.8	60.2	.0	.0
4B50	***AFTER****	.447KV= 90.7%	OF	.492KV	122.8	60.2	.0	.0

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4P201C	***PRIOR****	150.0	.443KV= 96.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4P201C	***DURING***	150.0	.428KV= 92.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4P201C	***AFTER****	150.0	.441KV= 95.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B51	***PRIOR****	.454KV= 92.0% OF	.493KV	131.5	81.4	.9	.0
4B51	***DURING***	.439KV= 89.0% OF	.493KV	131.5	81.4	.8	.0
4B51	***AFTER****	.452KV= 91.8% OF	.493KV	131.5	81.4	.9	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4AB2	***PRIOR****	3.927KV= 94.4% OF	4.160KV	5252.4	2987.2	.0	.0
4AB2	***DURING***	3.806KV= 91.5% OF	4.160KV	5927.9	6250.2	.0	.0
4AB2	***AFTER****	3.915KV= 94.1% OF	4.160KV	5770.1	3260.2	.0	.0

STARTING MOTOR NAME		HP			
4P210B	***PRIOR****	.0	.000KV= .0% OF	4.000 KV	* MOTOR NOT STARTED YET *
4P210B	***DURING***	300.0	3.795KV= 94.9% OF	4.000 KV	
4P210B	***AFTER****	300.0	3.913KV= 97.8% OF	4.000 KV	

STARTING MOTOR NAME		HP			
4P215B	***PRIOR****	.0	.000KV= .0% OF	4.000 KV	* MOTOR NOT STARTED YET *
4P215B	***DURING***	350.0	3.789KV= 94.7% OF	4.000 KV	
4P215B	***AFTER****	350.0	3.912KV= 97.8% OF	4.000 KV	

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B02	***PRIOR****	.459KV= 93.0% OF	.493KV	206.9	113.0	.0	.0
4B02	***DURING***	.444KV= 90.1% OF	.493KV	206.9	113.0	.0	.0
4B02	***AFTER****	.457KV= 92.7% OF	.493KV	206.9	113.0	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B04	***PRIOR****	.453KV= 92.0% OF	.492KV	61.1	38.0	.0	.0
4B04	***DURING***	.438KV= 89.0% OF	.492KV	61.1	38.0	.0	.0
4B04	***AFTER****	.451KV= 91.7% OF	.492KV	61.1	38.0	.0	.0

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NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B06	***PRIOR****	.457KV=	92.7% OF	.493KV	135.4	82.8	31.7	.0
4B06	***DURING***	.442KV=	89.7% OF	.493KV	135.4	82.8	29.7	.0
4B06	***AFTER****	.456KV=	92.4% OF	.493KV	135.4	82.8	31.5	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B52	***PRIOR****	.445KV=	90.4% OF	.492KV	125.8	77.9	.9	.0
4B52	***DURING***	.430KV=	87.4% OF	.492KV	125.8	77.9	.8	.0
4B52	***AFTER****	.444KV=	90.1% OF	.492KV	125.8	77.9	.9	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B53	***PRIOR****	.461KV=	93.4% OF	.493KV	14.6	9.0	24.9	.0
4B53	***DURING***	.446KV=	90.5% OF	.493KV	14.6	9.0	23.3	.0
4B53	***AFTER****	.459KV=	93.2% OF	.493KV	14.6	9.0	24.7	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B54	***PRIOR****	.453KV=	91.9% OF	.492KV	14.6	9.0	24.0	.0
4B54	***DURING***	.438KV=	88.9% OF	.492KV	14.6	9.0	22.5	.0
4B54	***AFTER****	.451KV=	91.6% OF	.492KV	14.6	9.0	23.9	.0

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NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
2BUS114	***PRIOR****	233.815KV=100.3% OF233.000KV	.0	.0	.0	.0
2BUS114	***DURING***	233.651KV=100.3% OF233.000KV	.0	.0	.0	.0
2BUS114	***AFTER****	233.794KV=100.3% OF233.000KV	.0	.0	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4AA1	***PRIOR****	4.020KV= 96.6% OF 4.160KV	4109.3	2559.5	.0	.0
4AA1	***DURING***	3.987KV= 95.8% OF 4.160KV	4109.3	2559.5	.0	.0
4AA1	***AFTER****	4.016KV= 96.5% OF 4.160KV	4109.3	2559.5	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4AB1	***PRIOR****	3.959KV= 95.2% OF 4.160KV	8219.6	5120.4	.0	.0
4AB1	***DURING***	3.926KV= 94.4% OF 4.160KV	8219.6	5120.4	.0	.0
4AB1	***AFTER****	3.955KV= 95.1% OF 4.160KV	8219.6	5120.4	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4AA2	***PRIOR****	3.980KV= 95.7% OF 4.160KV	5770.5	3260.7	.0	.0
4AA2	***DURING***	3.933KV= 94.5% OF 4.160KV	5770.5	3260.7	.0	.0
4AA2	***AFTER****	3.974KV= 95.5% OF 4.160KV	5770.5	3260.7	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4AD	***PRIOR****	3.910KV= 94.0% OF 4.160KV	626.9	409.2	.0	.0
4AD	***DURING***	3.862KV= 92.8% OF 4.160KV	626.9	409.2	.0	.0
4AD	***AFTER****	3.905KV= 93.9% OF 4.160KV	626.9	409.2	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B01	***PRIOR****	.459KV= 93.2% OF .493KV	245.7	137.3	.0	.0
4B01	***DURING***	.415KV= 84.2% OF .493KV	431.1	1171.8	.0	.0
4B01	***AFTER****	.454KV= 92.2% OF .493KV	445.6	231.0	.0	.0

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STARTING MOTOR NAME		HP				
4P214A	***PRIOR****	.0	.000KV= .0% OF	.460 KV		* MOTOR NOT STARTED YET *
4P214A	***DURING***	250.0	.376KV= 81.6% OF	.460 KV		* WARNING WARNING WARNING *
4P214A	***AFTER****	250.0	.449KV= 97.5% OF	.460 KV		

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B03	***PRIOR****	.465KV= 94.3% OF	.493KV	83.0	51.6	279.8	2.5
4B03	***DURING***	.459KV= 93.2% OF	.493KV	83.0	51.6	273.1	2.4
4B03	***AFTER****	.464KV= 94.2% OF	.493KV	83.0	51.6	279.0	2.5

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B05V	***PRIOR****	.459KV= 93.0% OF	.493KV	90.9	56.3	.9	.0
4B05V	***DURING***	.413KV= 83.8% OF	.493KV	133.9	162.8	.7	.0
4B05V	***AFTER****	.453KV= 92.0% OF	.493KV	116.3	71.5	.9	.0

STARTING MOTOR NAME		HP				
4V30B	***PRIOR****	.0	.000KV= .0% OF	.460 KV		* MOTOR NOT STARTED YET *
4V30B	***DURING***	30.0	.381KV= 82.9% OF	.460 KV		
4V30B	***AFTER****	30.0	.438KV= 95.1% OF	.460 KV		* WARNING WARNING WARNING *

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B05N	***PRIOR****	.456KV= 92.5% OF	.493KV	62.8	40.1	237.4	.0
4B05N	***DURING***	.412KV= 83.6% OF	.493KV	62.8	40.1	193.8	.0
4B05N	***AFTER****	.451KV= 91.5% OF	.493KV	62.8	40.1	232.4	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B07	***PRIOR****	.462KV= 93.6% OF	.493KV	190.3	117.5	1.8	.0
4B07	***DURING***	.456KV= 92.5% OF	.493KV	190.3	117.5	1.8	.0
4B07	***AFTER****	.461KV= 93.5% OF	.493KV	190.3	117.5	1.8	.0

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NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B08	***PRIOR****	.446KV= 90.6% OF	.492KV	236.3	145.4	38.6	.0
4B08	***DURING***	.405KV= 82.2% OF	.492KV	236.3	145.4	31.7	.0
4B08	***AFTER****	.442KV= 89.7% OF	.492KV	236.3	145.4	37.8	.0

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4V1B	***PRIOR****	100.0	.443KV= 96.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V1B	***DURING***	100.0	.401KV= 87.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V1B	***AFTER****	100.0	.439KV= 95.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
S77A	***PRIOR****	3.4	.444KV= 96.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S77A	***DURING***	3.4	.403KV= 87.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S77A	***AFTER****	3.4	.440KV= 95.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
S78A	***PRIOR****	3.4	.444KV= 96.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S78A	***DURING***	3.4	.403KV= 87.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S78A	***AFTER****	3.4	.440KV= 95.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
S75A	***PRIOR****	5.0	.443KV= 96.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S75A	***DURING***	5.0	.401KV= 87.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S75A	***AFTER****	5.0	.439KV= 95.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
NS74A   ***PRIOR****     50.5     .443KV= 96.3% OF    .460 KV     *  WARNING WARNING  WARNING  *
NS74A   ***DURING***     50.5     .401KV= 87.2% OF    .460 KV     *  WARNING WARNING  WARNING  *
NS74A   ***AFTER****     50.5     .438KV= 95.3% OF    .460 KV     *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
E16B/17***PRIOR****      34.0     .433KV= 94.2% OF    .460 KV     *  WARNING WARNING  WARNING  *
E16B/17***DURING***      34.0     .391KV= 84.9% OF    .460 KV     *  WARNING WARNING  WARNING  *
E16B/17***AFTER****      34.0     .429KV= 93.2% OF    .460 KV     *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
V8A     ***PRIOR****     40.0     .443KV= 96.4% OF    .460 KV     *  WARNING WARNING  WARNING  *
V8A     ***DURING***     40.0     .401KV= 87.3% OF    .460 KV     *  WARNING WARNING  WARNING  *
V8A     ***AFTER****     40.0     .439KV= 95.4% OF    .460 KV     *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
V10     ***PRIOR****     10.0     .435KV= 94.6% OF    .460 KV     *  WARNING WARNING  WARNING  *
V10     ***DURING***     10.0     .393KV= 85.4% OF    .460 KV     *  WARNING WARNING  WARNING  *
V10     ***AFTER****     10.0     .431KV= 93.7% OF    .460 KV     *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
V29A    ***PRIOR****      1.0     .446KV= 96.9% OF    .460 KV     *  WARNING WARNING  WARNING  *
V29A    ***DURING***      1.0     .404KV= 87.8% OF    .460 KV     *  WARNING WARNING  WARNING  *
V29A    ***AFTER****      1.0     .441KV= 95.9% OF    .460 KV     *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
V76/232***PRIOR****      36.0     .440KV= 95.7% OF    .460 KV     *  WARNING WARNING  WARNING  *
V76/232***DURING***      36.0     .398KV= 86.5% OF    .460 KV     *  WARNING WARNING  WARNING  *
V76/232***AFTER****      36.0     .436KV= 94.7% OF    .460 KV     *  WARNING WARNING  WARNING  *
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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

	HP							
MOV1404***PRIOR****	.3	.445KV= 96.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*
MOV1404***DURING***	.3	.404KV= 87.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*
MOV1404***AFTER****	.3	.441KV= 95.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

	HP							
MOV1417***PRIOR****	1.5	.444KV= 96.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*
MOV1417***DURING***	1.5	.403KV= 87.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*
MOV1417***AFTER****	1.5	.440KV= 95.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

	HP							
MOV6552***PRIOR****	.1	.446KV= 96.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*
MOV6552***DURING***	.1	.404KV= 87.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*
MOV6552***AFTER****	.1	.441KV= 96.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

	HP							
MOV6543***PRIOR****	.1	.446KV= 96.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*
MOV6543***DURING***	.1	.404KV= 87.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*
MOV6543***AFTER****	.1	.441KV= 96.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B50	***PRIOR****	.447KV= 90.7% OF	.492KV	122.8	60.2	.0	.0
4B50	***DURING***	.405KV= 82.3% OF	.492KV	122.8	60.2	.0	.0
4B50	***AFTER****	.442KV= 89.8% OF	.492KV	122.8	60.2	.0	.0

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

	HP							
4P201C ***PRIOR****	150.0	.441KV= 95.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4P201C ***DURING***	150.0	.399KV= 86.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4P201C ***AFTER****	150.0	.437KV= 94.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B51	***PRIOR****	.452KV= 91.8% OF	.493KV	131.5	81.4	.9	.0
4B51	***DURING***	.407KV= 82.6% OF	.493KV	131.5	81.4	.7	.0
4B51	***AFTER****	.448KV= 90.8% OF	.493KV	131.5	81.4	.9	.0

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NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4AB2	***PRIOR****	3.915KV=	94.1% OF	4.160KV	5770.1	3260.2	.0	.0
4AB2	***DURING***	3.867KV=	93.0% OF	4.160KV	5770.1	3260.2	.0	.0
4AB2	***AFTER****	3.909KV=	94.0% OF	4.160KV	5770.1	3260.2	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B02	***PRIOR****	.457KV=	92.7% OF	.493KV	206.9	113.0	.0	.0
4B02	***DURING***	.447KV=	90.7% OF	.493KV	206.9	113.0	.0	.0
4B02	***AFTER****	.456KV=	92.5% OF	.493KV	206.9	113.0	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B04	***PRIOR****	.451KV=	91.7% OF	.492KV	61.1	38.0	.0	.0
4B04	***DURING***	.410KV=	83.3% OF	.492KV	241.5	1064.9	.0	.0
4B04	***AFTER****	.447KV=	90.8% OF	.492KV	260.8	131.2	.0	.0

STARTING MOTOR NAME		HP				
4P214B	***PRIOR****	.0	.000KV=	.0% OF	.460 KV	* MOTOR NOT STARTED YET *
4P214B	***DURING***	250.0	.377KV=	82.0% OF	.460 KV	* WARNING WARNING WARNING *
4P214B	***AFTER****	250.0	.442KV=	96.1% OF	.460 KV	

NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B06	***PRIOR****	.456KV=	92.4% OF	.493KV	135.4	82.8	31.5	.0
4B06	***DURING***	.444KV=	90.1% OF	.493KV	181.9	209.2	29.9	.0
4B06	***AFTER****	.454KV=	92.1% OF	.493KV	160.7	98.0	31.3	.0

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STARTING MOTOR NAME		HP				
4V30C	***PRIOR****	.0	.000KV= .0% OF	.460 KV	* HOTOR NOT STARTED YET *	
4V30C	***DURING***	30.0	.416KV= 90.4% OF	.460 KV		
4V30C	***AFTER****	30.0	.441KV= 95.9% OF	.460 KV	* WARNING WARNING WARNING *	

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B52	***PRIOR****	.444KV= 90.1% OF	.492KV	125.8	77.9	.9	.0
4B52	***DURING***	.402KV= 81.6% OF	.492KV	125.8	77.9	.7	.0
4B52	***AFTER****	.439KV= 89.2% OF	.492KV	125.8	77.9	.8	.0

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP			
4P244B	***PRIOR****	1.0	.444KV= 96.4% OF	.460 KV	* WARNING WARNING WARNING *
4P244B	***DURING***	1.0	.402KV= 87.3% OF	.460 KV	* WARNING WARNING WARNING *
4P244B	***AFTER****	1.0	.439KV= 95.5% OF	.460 KV	* WARNING WARNING WARNING *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP			
4V63B	***PRIOR****	2.0	.444KV= 96.4% OF	.460 KV	* WARNING WARNING WARNING *
4V63B	***DURING***	2.0	.402KV= 87.3% OF	.460 KV	* WARNING WARNING WARNING *
4V63B	***AFTER****	2.0	.439KV= 95.5% OF	.460 KV	* WARNING WARNING WARNING *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP			
4V70B	***PRIOR****	.5	.444KV= 96.4% OF	.460 KV	* WARNING WARNING WARNING *
4V70B	***DURING***	.5	.402KV= 87.4% OF	.460 KV	* WARNING WARNING WARNING *
4V70B	***AFTER****	.5	.439KV= 95.5% OF	.460 KV	* WARNING WARNING WARNING *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP			
4V65B	***PRIOR****	2.0	.444KV= 96.4% OF	.460 KV	* WARNING WARNING WARNING *
4V65B	***DURING***	2.0	.402KV= 87.3% OF	.460 KV	* WARNING WARNING WARNING *
4V65B	***AFTER****	2.0	.439KV= 95.5% OF	.460 KV	* WARNING WARNING WARNING *

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4V67B	***PRIOR****	40.0	.443KV= 96.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V67B	***DURING***	40.0	.401KV= 87.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V67B	***AFTER****	40.0	.439KV= 95.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4V64B	***PRIOR****	3.0	.444KV= 96.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V64B	***DURING***	3.0	.402KV= 87.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V64B	***AFTER****	3.0	.439KV= 95.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4P241B	***PRIOR****	1.0	.443KV= 96.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4P241B	***DURING***	1.0	.402KV= 87.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4P241B	***AFTER****	1.0	.439KV= 95.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4S226B	***PRIOR****	15.0	.442KV= 96.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4S226B	***DURING***	15.0	.400KV= 87.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4S226B	***AFTER****	15.0	.438KV= 95.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4V68B	***PRIOR****	40.0	.443KV= 96.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V68B	***DURING***	40.0	.401KV= 87.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V68B	***AFTER****	40.0	.438KV= 95.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4P245B	***PRIOR****	.8	.444KV= 96.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4P245B	***DURING***	.8	.402KV= 87.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4P245B	***AFTER****	.8	.439KV= 95.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4V69B	***PRIOR****	40.0	.443KV= 96.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V69B	***DURING***	40.0	.401KV= 87.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V69B	***AFTER****	40.0	.438KV= 95.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4S231B	***PRIOR****	9.5	.442KV= 96.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4S231B	***DURING***	9.5	.400KV= 87.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4S231B	***AFTER****	9.5	.438KV= 95.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B53	***PRIOR****	.459KV= 93.2% OF	.493KV	14.6	9.0	24.7	.0
4B53	***DURING***	.415KV= 84.2% OF	.493KV	14.6	9.0	20.2	.0
4B53	***AFTER****	.455KV= 92.2% OF	.493KV	14.6	9.0	24.2	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B54	***PRIOR****	.451KV= 91.6% OF	.492KV	14.6	9.0	23.9	.0
4B54	***DURING***	.410KV= 83.3% OF	.492KV	14.6	9.0	19.7	.0
4B54	***AFTER****	.447KV= 90.7% OF	.492KV	14.6	9.0	23.4	.0

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NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
2BUS114	***PRIOR****	233.794KV=100.3% OF233.000KV	.0	.0	.0	.0
2BUS114	***DURING***	233.784KV=100.3% OF233.000KV	.0	.0	.0	.0
2BUS114	***AFTER****	233.792KV=100.3% OF233.000KV	.0	.0	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4AA1	***PRIOR****	4.016KV= 96.5% OF 4.160KV	4109.3	2559.5	.0	.0
4AA1	***DURING***	4.015KV= 96.5% OF 4.160KV	4109.3	2559.5	.0	.0
4AA1	***AFTER****	4.016KV= 96.5% OF 4.160KV	4109.3	2559.5	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4AB1	***PRIOR****	3.955KV= 95.1% OF 4.160KV	8219.6	5120.4	.0	.0
4AB1	***DURING***	3.952KV= 95.0% OF 4.160KV	8219.6	5120.4	.0	.0
4AB1	***AFTER****	3.955KV= 95.1% OF 4.160KV	8219.6	5120.4	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4AA2	***PRIOR****	3.974KV= 95.5% OF 4.160KV	5770.5	3260.7	.0	.0
4AA2	***DURING***	3.974KV= 95.5% OF 4.160KV	5770.5	3260.7	.0	.0
4AA2	***AFTER****	3.974KV= 95.5% OF 4.160KV	5770.5	3260.7	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4AD	***PRIOR****	3.905KV= 93.9% OF 4.160KV	626.9	409.2	.0	.0
4AD	***DURING***	3.900KV= 93.7% OF 4.160KV	626.9	409.2	.0	.0
4AD	***AFTER****	3.904KV= 93.8% OF 4.160KV	626.9	409.2	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B01	***PRIOR****	.454KV= 92.2% OF .493KV	445.6	231.0	.0	.0
4B01	***DURING***	.454KV= 92.2% OF .493KV	445.6	231.0	.0	.0
4B01	***AFTER****	.454KV= 92.2% OF .493KV	445.6	231.0	.0	.0

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NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B03	***PRIOR****	.464KV= 94.2% OF	.493KV	83.0	51.6	279.0	2.5
4B03	***DURING***	.464KV= 94.2% OF	.493KV	83.0	51.6	279.0	2.5
4B03	***AFTER****	.464KV= 94.2% OF	.493KV	83.0	51.6	279.0	2.5

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B05V	***PRIOR****	.453KV= 92.0% OF	.493KV	116.3	71.5	.9	.0
4B05V	***DURING***	.453KV= 92.0% OF	.493KV	116.3	71.5	.9	.0
4B05V	***AFTER****	.453KV= 92.0% OF	.493KV	116.3	71.5	.9	.0

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP				
4V30B	***PRIOR****	30.0	.438KV= 95.1% OF	.460 KV	* WARNING WARNING WARNING	*
4V30B	***DURING***	30.0	.438KV= 95.1% OF	.460 KV	* WARNING WARNING WARNING	*
4V30B	***AFTER****	30.0	.438KV= 95.1% OF	.460 KV	* WARNING WARNING WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B05N	***PRIOR****	.451KV= 91.5% OF	.493KV	62.8	40.1	232.4	.0
4B05N	***DURING***	.451KV= 91.5% OF	.493KV	62.8	40.1	232.3	.0
4B05N	***AFTER****	.451KV= 91.5% OF	.493KV	62.8	40.1	232.4	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B07	***PRIOR****	.461KV= 93.5% OF	.493KV	190.3	117.5	1.8	.0
4B07	***DURING***	.461KV= 93.5% OF	.493KV	190.3	117.5	1.8	.0
4B07	***AFTER****	.461KV= 93.5% OF	.493KV	190.3	117.5	1.8	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B08	***PRIOR****	.442KV= 89.7% OF	.492KV	236.3	145.4	37.8	.0
4B08	***DURING***	.435KV= 88.3% OF	.492KV	269.0	276.7	36.6	.0
4B08	***AFTER****	.441KV= 89.5% OF	.492KV	260.9	160.5	37.6	.0

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP				
4V1B	***PRIOR****	100.0	.439KV= 95.3% OF	.460 KV	*	WARNING WARNING WARNING *
4V1B	***DURING***	100.0	.431KV= 93.8% OF	.460 KV	*	WARNING WARNING WARNING *
4V1B	***AFTER****	100.0	.437KV= 95.1% OF	.460 KV	*	WARNING WARNING WARNING *

STARTING MOTOR NAME		HP				
4V30A	***PRIOR****	.0	.000KV= .0% OF	.460 KV	*	MOTOR NOT STARTED YET *
4V30A	***DURING***	30.0	.427KV= 92.9% OF	.460 KV		
4V30A	***AFTER****	30.0	.437KV= 95.0% OF	.460 KV	*	WARNING WARNING WARNING *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP				
S77A	***PRIOR****	3.4	.440KV= 95.6% OF	.460 KV	*	WARNING WARNING WARNING *
S77A	***DURING***	3.4	.433KV= 94.1% OF	.460 KV	*	WARNING WARNING WARNING *
S77A	***AFTER****	3.4	.439KV= 95.4% OF	.460 KV	*	WARNING WARNING WARNING *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP				
S78A	***PRIOR****	3.4	.440KV= 95.7% OF	.460 KV	*	WARNING WARNING WARNING *
S78A	***DURING***	3.4	.433KV= 94.1% OF	.460 KV	*	WARNING WARNING WARNING *
S78A	***AFTER****	3.4	.439KV= 95.4% OF	.460 KV	*	WARNING WARNING WARNING *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP				
S75A	***PRIOR****	5.0	.439KV= 95.3% OF	.460 KV	*	WARNING WARNING WARNING *
S75A	***DURING***	5.0	.431KV= 93.8% OF	.460 KV	*	WARNING WARNING WARNING *
S75A	***AFTER****	5.0	.437KV= 95.1% OF	.460 KV	*	WARNING WARNING WARNING *

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
NS74A	***PRIOR****	50.5	.438KV=	95.3% OF	.460 KV	*	WARNING WARNING	WARNING	*
NS74A	***DURING***	50.5	.431KV=	93.7% OF	.460 KV	*	WARNING WARNING	WARNING	*
NS74A	***AFTER****	50.5	.437KV=	95.1% OF	.460 KV	*	WARNING WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
E16B/17	***PRIOR****	34.0	.429KV=	93.2% OF	.460 KV	*	WARNING WARNING	WARNING	*
E16B/17	***DURING***	34.0	.422KV=	91.6% OF	.460 KV	*	WARNING WARNING	WARNING	*
E16B/17	***AFTER****	34.0	.428KV=	93.0% OF	.460 KV	*	WARNING WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
V8A	***PRIOR****	40.0	.439KV=	95.4% OF	.460 KV	*	WARNING WARNING	WARNING	*
V8A	***DURING***	40.0	.432KV=	93.8% OF	.460 KV	*	WARNING WARNING	WARNING	*
V8A	***AFTER****	40.0	.438KV=	95.2% OF	.460 KV	*	WARNING WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
V10	***PRIOR****	10.0	.431KV=	93.7% OF	.460 KV	*	WARNING WARNING	WARNING	*
V10	***DURING***	10.0	.424KV=	92.1% OF	.460 KV	*	WARNING WARNING	WARNING	*
V10	***AFTER****	10.0	.430KV=	93.4% OF	.460 KV	*	WARNING WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
V29A	***PRIOR****	1.0	.441KV=	95.9% OF	.460 KV	*	WARNING WARNING	WARNING	*
V29A	***DURING***	1.0	.434KV=	94.4% OF	.460 KV	*	WARNING WARNING	WARNING	*
V29A	***AFTER****	1.0	.440KV=	95.7% OF	.460 KV	*	WARNING WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
V76/232	***PRIOR****	36.0	.436KV=	94.7% OF	.460 KV	*	WARNING WARNING	WARNING	*
V76/232	***DURING***	36.0	.428KV=	93.1% OF	.460 KV	*	WARNING WARNING	WARNING	*
V76/232	***AFTER****	36.0	.435KV=	94.5% OF	.460 KV	*	WARNING WARNING	WARNING	*

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

	HP							
MOV1404***PRIOR****	.3	.441KV= 95.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*
MOV1404***DURING***	.3	.434KV= 94.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*
MOV1404***AFTER****	.3	.440KV= 95.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

	HP							
MOV1417***PRIOR****	1.5	.440KV= 95.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*
MOV1417***DURING***	1.5	.433KV= 94.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*
MOV1417***AFTER****	1.5	.439KV= 95.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

	HP							
MOV6552***PRIOR****	.1	.441KV= 96.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*
MOV6552***DURING***	.1	.434KV= 94.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*
MOV6552***AFTER****	.1	.440KV= 95.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

	HP							
MOV6543***PRIOR****	.1	.441KV= 96.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*
MOV6543***DURING***	.1	.434KV= 94.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*
MOV6543***AFTER****	.1	.440KV= 95.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B50	***PRIOR****	.442KV= 89.8% OF	.492KV	122.8	60.2	.0	.0
4B50	***DURING***	.436KV= 88.5% OF	.492KV	122.8	60.2	.0	.0
4B50	***AFTER****	.441KV= 89.6% OF	.492KV	122.8	60.2	.0	.0

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

	HP							
4P201C ***PRIOR****	150.0	.437KV= 94.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4P201C ***DURING***	150.0	.430KV= 93.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4P201C ***AFTER****	150.0	.436KV= 94.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B51	***PRIOR****	.448KV= 90.8% OF	.493KV	131.5	81.4	.9	.0
4B51	***DURING***	.447KV= 90.8% OF	.493KV	131.5	81.4	.9	.0
4B51	***AFTER****	.447KV= 90.8% OF	.493KV	131.5	81.4	.9	.0

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NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4AB2	***PRIOR****	3.909KV=	94.0% OF	4.160KV	5770.1	3260.2	.0	.0
4AB2	***DURING***	3.904KV=	93.9% OF	4.160KV	5770.1	3260.2	.0	.0
4AB2	***AFTER****	3.909KV=	94.0% OF	4.160KV	5770.1	3260.2	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B02	***PRIOR****	.456KV=	92.5% OF	.493KV	206.9	113.0	.0	.0
4B02	***DURING***	.455KV=	92.4% OF	.493KV	206.9	113.0	.0	.0
4B02	***AFTER****	.456KV=	92.5% OF	.493KV	206.9	113.0	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B04	***PRIOR****	.447KV=	90.8% OF	.492KV	260.8	131.2	.0	.0
4B04	***DURING***	.442KV=	89.8% OF	.492KV	260.8	131.2	.0	.0
4B04	***AFTER****	.446KV=	90.6% OF	.492KV	260.8	131.2	.0	.0

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4P214B	***PRIOR****	250.0	.442KV=	96.1% OF	.460 KV	*	WARNING	WARNING	WARNING *
4P214B	***DURING***	250.0	.437KV=	95.0% OF	.460 KV	*	WARNING	WARNING	WARNING *
4P214B	***AFTER****	250.0	.441KV=	95.9% OF	.460 KV	*	WARNING	WARNING	WARNING *

NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B06	***PRIOR****	.454KV=	92.1% OF	.493KV	160.7	98.0	31.3	.0
4B06	***DURING***	.453KV=	92.0% OF	.493KV	160.7	98.0	31.2	.0
4B06	***AFTER****	.454KV=	92.1% OF	.493KV	160.7	98.0	31.3	.0

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4V30C	***PRIOR****	30.0	.441KV= 95.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V30C	***DURING***	30.0	.440KV= 95.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V30C	***AFTER****	30.0	.441KV= 95.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B52	***PRIOR****	.439KV= 89.2% OF	.492KV	125.8	77.9	.8	.0
4B52	***DURING***	.434KV= 88.2% OF	.492KV	125.8	77.9	.8	.0
4B52	***AFTER****	.439KV= 89.1% OF	.492KV	125.8	77.9	.8	.0

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4P244B	***PRIOR****	1.0	.439KV= 95.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4P244B	***DURING***	1.0	.434KV= 94.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4P244B	***AFTER****	1.0	.438KV= 95.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4V63B	***PRIOR****	2.0	.439KV= 95.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V63B	***DURING***	2.0	.434KV= 94.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V63B	***AFTER****	2.0	.438KV= 95.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4V70B	***PRIOR****	.5	.439KV= 95.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V70B	***DURING***	.5	.434KV= 94.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V70B	***AFTER****	.5	.439KV= 95.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4V65B	***PRIOR****	2.0	.439KV= 95.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V65B	***DURING***	2.0	.434KV= 94.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V65B	***AFTER****	2.0	.438KV= 95.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
4V67B  ***PRIOR****      40.0      .439KV= 95.3% OF    .460 KV      *  WARNING WARNING  WARNING  *
4V67B  ***DURING***      40.0      .434KV= 94.3% OF    .460 KV      *  WARNING WARNING  WARNING  *
4V67B  ***AFTER****      40.0      .438KV= 95.2% OF    .460 KV      *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
4V64B  ***PRIOR****       3.0      .439KV= 95.5% OF    .460 KV      *  WARNING WARNING  WARNING  *
4V64B  ***DURING***       3.0      .434KV= 94.4% OF    .460 KV      *  WARNING WARNING  WARNING  *
4V64B  ***AFTER****       3.0      .439KV= 95.3% OF    .460 KV      *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
4P241B ***PRIOR****       1.0      .439KV= 95.4% OF    .460 KV      *  WARNING WARNING  WARNING  *
4P241B ***DURING***       1.0      .434KV= 94.3% OF    .460 KV      *  WARNING WARNING  WARNING  *
4P241B ***AFTER****       1.0      .438KV= 95.3% OF    .460 KV      *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
4S226B ***PRIOR****      15.0      .438KV= 95.2% OF    .460 KV      *  WARNING WARNING  WARNING  *
4S226B ***DURING***      15.0      .433KV= 94.1% OF    .460 KV      *  WARNING WARNING  WARNING  *
4S226B ***AFTER****      15.0      .437KV= 95.0% OF    .460 KV      *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
4V68B  ***PRIOR****      40.0      .438KV= 95.3% OF    .460 KV      *  WARNING WARNING  WARNING  *
4V68B  ***DURING***      40.0      .433KV= 94.2% OF    .460 KV      *  WARNING WARNING  WARNING  *
4V68B  ***AFTER****      40.0      .438KV= 95.2% OF    .460 KV      *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
4P245B ***PRIOR****       .8       .439KV= 95.5% OF    .460 KV      *  WARNING WARNING  WARNING  *
4P245B ***DURING***       .8       .434KV= 94.4% OF    .460 KV      *  WARNING WARNING  WARNING  *
4P245B ***AFTER****       .8       .439KV= 95.3% OF    .460 KV      *  WARNING WARNING  WARNING  *
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VOLTAGE DROP ANALYSIS CASE #= 4

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4V69B	***PRIOR****	40.0	.438KV= 95.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V69B	***DURING***	40.0	.433KV= 94.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V69B	***AFTER****	40.0	.438KV= 95.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4S231B	***PRIOR****	9.5	.438KV= 95.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4S231B	***DURING***	9.5	.433KV= 94.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4S231B	***AFTER****	9.5	.437KV= 95.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B53	***PRIOR****	.455KV= 92.2% OF	.493KV	14.6	9.0	24.2	.0
4B53	***DURING***	.454KV= 92.2% OF	.493KV	14.6	9.0	24.2	.0
4B53	***AFTER****	.455KV= 92.2% OF	.493KV	14.6	9.0	24.2	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B54	***PRIOR****	.447KV= 90.7% OF	.492KV	14.6	9.0	23.4	.0
4B54	***DURING***	.442KV= 89.7% OF	.492KV	14.6	9.0	22.9	.0
4B54	***AFTER****	.446KV= 90.6% OF	.492KV	14.6	9.0	23.3	.0

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VOLTAGE DROP ANALYSIS CASE #= 5

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
2BUS114	***PRIOR****	233.792KV=100.3% OF233.000KV	.0	.0	.0	.0
2BUS114	***DURING***	233.792KV=100.3% OF233.000KV	.0	.0	.0	.0
2BUS114	***AFTER****	233.792KV=100.3% OF233.000KV	.0	.0	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4AA1	***PRIOR****	4.016KV= 96.5% OF 4.160KV	4109.3	2559.5	.0	.0
4AA1	***DURING***	4.016KV= 96.5% OF 4.160KV	4109.3	2559.5	.0	.0
4AA1	***AFTER****	4.016KV= 96.5% OF 4.160KV	4109.3	2559.5	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4AB1	***PRIOR****	3.955KV= 95.1% OF 4.160KV	8219.6	5120.4	.0	.0
4AB1	***DURING***	3.955KV= 95.1% OF 4.160KV	8219.6	5120.4	.0	.0
4AB1	***AFTER****	3.955KV= 95.1% OF 4.160KV	8219.6	5120.4	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4AA2	***PRIOR****	3.974KV= 95.5% OF 4.160KV	5770.5	3260.7	.0	.0
4AA2	***DURING***	3.974KV= 95.5% OF 4.160KV	5770.5	3260.7	.0	.0
4AA2	***AFTER****	3.974KV= 95.5% OF 4.160KV	5770.5	3260.7	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4AD	***PRIOR****	3.904KV= 93.8% OF 4.160KV	626.9	409.2	.0	.0
4AD	***DURING***	3.904KV= 93.8% OF 4.160KV	626.9	409.2	.0	.0
4AD	***AFTER****	3.904KV= 93.8% OF 4.160KV	626.9	409.2	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B01	***PRIOR****	.454KV= 92.2% OF .493KV	445.6	231.0	.0	.0
4B01	***DURING***	.454KV= 92.2% OF .493KV	445.6	231.0	.0	.0
4B01	***AFTER****	.454KV= 92.2% OF .493KV	445.6	231.0	.0	.0

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VOLTAGE DROP ANALYSIS CASE #= 5

NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B03	***PRIOR****	.464KV= 94.2% OF	.493KV		83.0	51.6	279.0	2.5
4B03	***DURING***	.464KV= 94.2% OF	.493KV		83.0	51.6	279.0	2.5
4B03	***AFTER****	.464KV= 94.2% OF	.493KV		83.0	51.6	279.0	2.5

NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B05V	***PRIOR****	.453KV= 92.0% OF	.493KV		116.3	71.5	.9	.0
4B05V	***DURING***	.453KV= 92.0% OF	.493KV		116.3	71.5	.9	.0
4B05V	***AFTER****	.453KV= 92.0% OF	.493KV		116.3	71.5	.9	.0

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP						
4V30B	***PRIOR****	30.0	.438KV= 95.1% OF	.460 KV	*	WARNING	WARNING	WARNING *
4V30B	***DURING***	30.0	.438KV= 95.1% OF	.460 KV	*	WARNING	WARNING	WARNING *
4V30B	***AFTER****	30.0	.438KV= 95.1% OF	.460 KV	*	WARNING	WARNING	WARNING *

NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B05N	***PRIOR****	.451KV= 91.5% OF	.493KV		62.8	40.1	232.4	.0
4B05N	***DURING***	.451KV= 91.5% OF	.493KV		62.8	40.1	232.4	.0
4B05N	***AFTER****	.451KV= 91.5% OF	.493KV		62.8	40.1	232.4	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B07	***PRIOR****	.461KV= 93.5% OF	.493KV		190.3	117.5	1.8	.0
4B07	***DURING***	.461KV= 93.5% OF	.493KV		190.3	117.5	1.8	.0
4B07	***AFTER****	.461KV= 93.5% OF	.493KV		190.3	117.5	1.8	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B08	***PRIOR****	.441KV= 89.5% OF	.492KV		260.9	160.5	37.6	.0
4B08	***DURING***	.441KV= 89.5% OF	.492KV		260.9	160.5	37.6	.0
4B08	***AFTER****	.441KV= 89.5% OF	.492KV		260.9	160.5	37.6	.0

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VOLTAGE DROP ANALYSIS CASE #= 5

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
4V1B    ***PRIOR****    100.0     .437KV= 95.1% OF    .460 KV     *  WARNING WARNING  WARNING  *
4V1B    ***DURING***    100.0     .437KV= 95.1% OF    .460 KV     *  WARNING WARNING  WARNING  *
4V1B    ***AFTER****    100.0     .437KV= 95.1% OF    .460 KV     *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
4V30A   ***PRIOR****     30.0     .437KV= 95.0% OF    .460 KV     *  WARNING WARNING  WARNING  *
4V30A   ***DURING***     30.0     .437KV= 95.0% OF    .460 KV     *  WARNING WARNING  WARNING  *
4V30A   ***AFTER****     30.0     .437KV= 95.0% OF    .460 KV     *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
S77A    ***PRIOR****      3.4     .439KV= 95.4% OF    .460 KV     *  WARNING WARNING  WARNING  *
S77A    ***DURING***      3.4     .439KV= 95.4% OF    .460 KV     *  WARNING WARNING  WARNING  *
S77A    ***AFTER****      3.4     .439KV= 95.4% OF    .460 KV     *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
S78A    ***PRIOR****      3.4     .439KV= 95.4% OF    .460 KV     *  WARNING WARNING  WARNING  *
S78A    ***DURING***      3.4     .439KV= 95.4% OF    .460 KV     *  WARNING WARNING  WARNING  *
S78A    ***AFTER****      3.4     .439KV= 95.4% OF    .460 KV     *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
S75A    ***PRIOR****      5.0     .437KV= 95.1% OF    .460 KV     *  WARNING WARNING  WARNING  *
S75A    ***DURING***      5.0     .437KV= 95.1% OF    .460 KV     *  WARNING WARNING  WARNING  *
S75A    ***AFTER****      5.0     .437KV= 95.1% OF    .460 KV     *  WARNING WARNING  WARNING  *
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VOLTAGE DROP ANALYSIS CASE #= 5

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
NS74A	***PRIOR****	50.5	.437KV= 95.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*
NS74A	***DURING***	50.5	.437KV= 95.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*
NS74A	***AFTER****	50.5	.437KV= 95.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
E16B/17	***PRIOR****	34.0	.428KV= 93.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*
E16B/17	***DURING***	34.0	.428KV= 93.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*
E16B/17	***AFTER****	34.0	.428KV= 93.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
V8A	***PRIOR****	40.0	.438KV= 95.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*
V8A	***DURING***	40.0	.438KV= 95.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*
V8A	***AFTER****	40.0	.438KV= 95.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
V10	***PRIOR****	10.0	.430KV= 93.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*
V10	***DURING***	10.0	.430KV= 93.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*
V10	***AFTER****	10.0	.430KV= 93.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
V29A	***PRIOR****	1.0	.440KV= 95.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*
V29A	***DURING***	1.0	.440KV= 95.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*
V29A	***AFTER****	1.0	.440KV= 95.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
V76/232	***PRIOR****	36.0	.435KV= 94.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*
V76/232	***DURING***	36.0	.435KV= 94.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*
V76/232	***AFTER****	36.0	.435KV= 94.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*

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VOLTAGE DROP ANALYSIS CASE #= 5

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

	HP							
HOV1404***PRIOR****	.3	.440KV= 95.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*
HOV1404***DURING***	.3	.440KV= 95.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*
HOV1404***AFTER****	.3	.440KV= 95.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

	HP							
HOV1417***PRIOR****	1.5	.439KV= 95.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*
HOV1417***DURING***	1.5	.439KV= 95.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*
HOV1417***AFTER****	1.5	.439KV= 95.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

	HP							
HOV6552***PRIOR****	.1	.440KV= 95.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*
HOV6552***DURING***	.1	.440KV= 95.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*
HOV6552***AFTER****	.1	.440KV= 95.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

	HP							
HOV6543***PRIOR****	.1	.440KV= 95.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*
HOV6543***DURING***	.1	.440KV= 95.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*
HOV6543***AFTER****	.1	.440KV= 95.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B50	***PRIOR****	.441KV= 89.6% OF	.492KV	122.8	60.2	.0	.0
4B50	***DURING***	.441KV= 89.6% OF	.492KV	122.8	60.2	.0	.0
4B50	***AFTER****	.441KV= 89.6% OF	.492KV	122.8	60.2	.0	.0

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

	HP							
4P201C ***PRIOR****	150.0	.436KV= 94.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4P201C ***DURING***	150.0	.436KV= 94.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4P201C ***AFTER****	150.0	.436KV= 94.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B51	***PRIOR****	.447KV= 90.8% OF	.493KV	131.5	81.4	.9	.0
4B51	***DURING***	.447KV= 90.8% OF	.493KV	131.5	81.4	.9	.0
4B51	***AFTER****	.447KV= 90.8% OF	.493KV	131.5	81.4	.9	.0

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VOLTAGE DROP ANALYSIS CASE #= 5

NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4AB2	***PRIOR****	3.909KV=	94.0% OF	4.160KV	5770.1	3260.2	.0	.0
4AB2	***DURING***	3.909KV=	94.0% OF	4.160KV	5770.1	3260.2	.0	.0
4AB2	***AFTER****	3.909KV=	94.0% OF	4.160KV	5770.1	3260.2	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B02	***PRIOR****	.456KV=	92.5% OF	.493KV	206.9	113.0	.0	.0
4B02	***DURING***	.456KV=	92.5% OF	.493KV	206.9	113.0	.0	.0
4B02	***AFTER****	.456KV=	92.5% OF	.493KV	206.9	113.0	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B04	***PRIOR****	.446KV=	90.6% OF	.492KV	260.8	131.2	.0	.0
4B04	***DURING***	.446KV=	90.6% OF	.492KV	260.8	131.2	.0	.0
4B04	***AFTER****	.446KV=	90.6% OF	.492KV	260.8	131.2	.0	.0

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4P214B	***PRIOR****	250.0	.441KV=	95.9% OF	.460 KV	*	WARNING	WARNING	WARNING *
4P214B	***DURING***	250.0	.441KV=	95.9% OF	.460 KV	*	WARNING	WARNING	WARNING *
4P214B	***AFTER****	250.0	.441KV=	95.9% OF	.460 KV	*	WARNING	WARNING	WARNING *

NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B06	***PRIOR****	.454KV=	92.1% OF	.493KV	160.7	98.0	31.3	.0
4B06	***DURING***	.454KV=	92.1% OF	.493KV	160.7	98.0	31.3	.0
4B06	***AFTER****	.454KV=	92.1% OF	.493KV	160.7	98.0	31.3	.0

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VOLTAGE DROP ANALYSIS CASE #= 5

'CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4V30C	***PRIOR****	30.0	.441KV= 95.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V30C	***DURING***	30.0	.441KV= 95.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V30C	***AFTER****	30.0	.441KV= 95.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B52	***PRIOR****	.439KV= 89.1% OF	.492KV	125.8	77.9	.8	.0
4B52	***DURING***	.439KV= 89.1% OF	.492KV	125.8	77.9	.8	.0
4B52	***AFTER****	.439KV= 89.1% OF	.492KV	125.8	77.9	.8	.0

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4P244B	***PRIOR****	1.0	.438KV= 95.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4P244B	***DURING***	1.0	.438KV= 95.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4P244B	***AFTER****	1.0	.438KV= 95.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4V63B	***PRIOR****	2.0	.438KV= 95.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V63B	***DURING***	2.0	.438KV= 95.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V63B	***AFTER****	2.0	.438KV= 95.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4V70B	***PRIOR****	.5	.439KV= 95.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V70B	***DURING***	.5	.439KV= 95.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V70B	***AFTER****	.5	.439KV= 95.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4V65B	***PRIOR****	2.0	.438KV= 95.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V65B	***DURING***	2.0	.438KV= 95.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V65B	***AFTER****	2.0	.438KV= 95.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP						
4V67B	***PRIOR****	40.0	.438KV= 95.2% OF	.460 KV	*	WARNING WARNING	WARNING	*
4V67B	***DURING***	40.0	.438KV= 95.2% OF	.460 KV	*	WARNING WARNING	WARNING	*
4V67B	***AFTER****	40.0	.438KV= 95.2% OF	.460 KV	*	WARNING WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP						
4V64B	***PRIOR****	3.0	.439KV= 95.3% OF	.460 KV	*	WARNING WARNING	WARNING	*
4V64B	***DURING***	3.0	.439KV= 95.3% OF	.460 KV	*	WARNING WARNING	WARNING	*
4V64B	***AFTER****	3.0	.439KV= 95.3% OF	.460 KV	*	WARNING WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP						
4P241B	***PRIOR****	1.0	.438KV= 95.3% OF	.460 KV	*	WARNING WARNING	WARNING	*
4P241B	***DURING***	1.0	.438KV= 95.3% OF	.460 KV	*	WARNING WARNING	WARNING	*
4P241B	***AFTER****	1.0	.438KV= 95.3% OF	.460 KV	*	WARNING WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP						
4S226B	***PRIOR****	15.0	.437KV= 95.0% OF	.460 KV	*	WARNING WARNING	WARNING	*
4S226B	***DURING***	15.0	.437KV= 95.0% OF	.460 KV	*	WARNING WARNING	WARNING	*
4S226B	***AFTER****	15.0	.437KV= 95.0% OF	.460 KV	*	WARNING WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP						
4V68B	***PRIOR****	40.0	.438KV= 95.2% OF	.460 KV	*	WARNING WARNING	WARNING	*
4V68B	***DURING***	40.0	.438KV= 95.2% OF	.460 KV	*	WARNING WARNING	WARNING	*
4V68B	***AFTER****	40.0	.438KV= 95.2% OF	.460 KV	*	WARNING WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP						
4P245B	***PRIOR****	.8	.439KV= 95.3% OF	.460 KV	*	WARNING WARNING	WARNING	*
4P245B	***DURING***	.8	.439KV= 95.3% OF	.460 KV	*	WARNING WARNING	WARNING	*
4P245B	***AFTER****	.8	.439KV= 95.3% OF	.460 KV	*	WARNING WARNING	WARNING	*

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4V69B	***PRIOR****	40.0	.438KV= 95.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V69B	***DURING***	40.0	.438KV= 95.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V69B	***AFTER****	40.0	.438KV= 95.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4S231B	***PRIOR****	9.5	.437KV= 95.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4S231B	***DURING***	9.5	.437KV= 95.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4S231B	***AFTER****	9.5	.437KV= 95.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B53	***PRIOR****	.455KV= 92.2% OF	.493KV	14.6	9.0	24.2	.0
4B53	***DURING***	.455KV= 92.2% OF	.493KV	14.6	9.0	24.2	.0
4B53	***AFTER****	.455KV= 92.2% OF	.493KV	14.6	9.0	24.2	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B54	***PRIOR****	.446KV= 90.6% OF	.492KV	14.6	9.0	23.3	.0
4B54	***DURING***	.446KV= 90.6% OF	.492KV	14.6	9.0	23.3	.0
4B54	***AFTER****	.446KV= 90.6% OF	.492KV	14.6	9.0	23.3	.0

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NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
2BUS114	***PRIOR****	233.796KV=100.3% OF233.000KV	.0	.0	.0	.0
2BUS114	***DURING***	233.746KV=100.3% OF233.000KV	.0	.0	.0	.0
2BUS114	***AFTER****	233.789KV=100.3% OF233.000KV	.0	.0	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4AA1	***PRIOR****	4.016KV= 96.5% OF 4.160KV	4109.3	2559.5	.0	.0
4AA1	***DURING***	4.006KV= 96.3% OF 4.160KV	4109.3	2559.5	.0	.0
4AA1	***AFTER****	4.015KV= 96.5% OF 4.160KV	4109.3	2559.5	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4AB1	***PRIOR****	3.956KV= 95.1% OF 4.160KV	8219.6	5120.4	.0	.0
4AB1	***DURING***	3.946KV= 94.8% OF 4.160KV	8219.6	5120.4	.0	.0
4AB1	***AFTER****	3.954KV= 95.1% OF 4.160KV	8219.6	5120.4	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4AA2	***PRIOR****	3.975KV= 95.6% OF 4.160KV	5770.5	3260.7	.0	.0
4AA2	***DURING***	3.961KV= 95.2% OF 4.160KV	5770.5	3260.7	.0	.0
4AA2	***AFTER****	3.973KV= 95.5% OF 4.160KV	5770.5	3260.7	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4AD	***PRIOR****	3.905KV= 93.9% OF 4.160KV	626.9	409.2	.0	.0
4AD	***DURING***	3.891KV= 93.5% OF 4.160KV	626.9	409.2	.0	.0
4AD	***AFTER****	3.903KV= 93.8% OF 4.160KV	626.9	409.2	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B01	***PRIOR****	.455KV= 92.2% OF .493KV	445.6	231.0	.0	.0
4B01	***DURING***	.441KV= 89.5% OF .493KV	445.6	231.0	.0	.0
4B01	***AFTER****	.453KV= 91.9% OF .493KV	445.6	231.0	.0	.0

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NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B03	***PRIOR****	.465KV= 94.3% OF	.493KV	83.0	51.6	279.6	2.5
4B03	***DURING***	.463KV= 93.9% OF	.493KV	83.0	51.6	277.5	2.5
4B03	***AFTER****	.465KV= 94.2% OF	.493KV	83.0	51.6	279.3	2.5

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B05V	***PRIOR****	.454KV= 92.0% OF	.493KV	108.0	66.5	.9	.0
4B05V	***DURING***	.437KV= 88.6% OF	.493KV	200.9	423.2	.8	.0
4B05V	***AFTER****	.451KV= 91.6% OF	.493KV	169.6	104.7	.9	.0

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP			
4V30B	***PRIOR****	30.0	.438KV= 95.2% OF	.460 KV	* WARNING WARNING WARNING *
4V30B	***DURING***	30.0	.420KV= 91.3% OF	.460 KV	* WARNING WARNING WARNING *
4V30B	***AFTER****	30.0	.436KV= 94.7% OF	.460 KV	* WARNING WARNING WARNING *

STARTING MOTOR NAME		HP			
4V3B	***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *
4V3B	***DURING***	75.0	.412KV= 89.6% OF	.460 KV	
4V3B	***AFTER****	75.0	.445KV= 96.8% OF	.460 KV	

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B05N	***PRIOR****	.452KV= 91.6% OF	.493KV	62.8	40.1	232.7	.0
4B05N	***DURING***	.438KV= 88.9% OF	.493KV	62.8	40.1	219.1	.0
4B05N	***AFTER****	.450KV= 91.2% OF	.493KV	62.8	40.1	231.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B07	***PRIOR****	.462KV= 93.6% OF	.493KV	172.8	106.8	1.9	.0
4B07	***DURING***	.460KV= 93.3% OF	.493KV	172.8	106.8	1.8	.0
4B07	***AFTER****	.461KV= 93.6% OF	.493KV	172.8	106.8	1.8	.0

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NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B08	***PRIOR****	.441KV= 89.5% OF	.492KV		257.2	158.2	37.7	.0
4B08	***DURING***	.439KV= 89.2% OF	.492KV		257.2	158.2	37.4	.0
4B08	***AFTER****	.441KV= 89.5% OF	.492KV		257.2	158.2	37.6	.0

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP						
4V1B	***PRIOR****	100.0	.438KV= 95.2% OF	.460 KV	*	WARNING	WARNING	WARNING *
4V1B	***DURING***	100.0	.436KV= 94.8% OF	.460 KV	*	WARNING	WARNING	WARNING *
4V1B	***AFTER****	100.0	.438KV= 95.1% OF	.460 KV	*	WARNING	WARNING	WARNING *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP						
4V30A	***PRIOR****	30.0	.437KV= 95.0% OF	.460 KV	*	WARNING	WARNING	WARNING *
4V30A	***DURING***	30.0	.435KV= 94.7% OF	.460 KV	*	WARNING	WARNING	WARNING *
4V30A	***AFTER****	30.0	.437KV= 95.0% OF	.460 KV	*	WARNING	WARNING	WARNING *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP						
S77A	***PRIOR****	3.4	.439KV= 95.5% OF	.460 KV	*	WARNING	WARNING	WARNING *
S77A	***DURING***	3.4	.437KV= 95.1% OF	.460 KV	*	WARNING	WARNING	WARNING *
S77A	***AFTER****	3.4	.439KV= 95.4% OF	.460 KV	*	WARNING	WARNING	WARNING *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP						
S78A	***PRIOR****	3.4	.439KV= 95.5% OF	.460 KV	*	WARNING	WARNING	WARNING *
S78A	***DURING***	3.4	.437KV= 95.1% OF	.460 KV	*	WARNING	WARNING	WARNING *
S78A	***AFTER****	3.4	.439KV= 95.4% OF	.460 KV	*	WARNING	WARNING	WARNING *

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VOLTAGE DROP ANALYSIS CASE #= 6

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP								
S75A	***PRIOR****	5.0	.438KV=	95.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S75A	***DURING***	5.0	.436KV=	94.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S75A	***AFTER****	5.0	.438KV=	95.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP								
NS74A	***PRIOR****	50.5	.438KV=	95.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*
NS74A	***DURING***	50.5	.436KV=	94.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*
NS74A	***AFTER****	50.5	.437KV=	95.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP								
E16B/17	***PRIOR****	34.0	.428KV=	93.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*
E16B/17	***DURING***	34.0	.426KV=	92.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*
E16B/17	***AFTER****	34.0	.428KV=	93.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP								
V8A	***PRIOR****	40.0	.438KV=	95.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*
V8A	***DURING***	40.0	.436KV=	94.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*
V8A	***AFTER****	40.0	.438KV=	95.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP								
V10	***PRIOR****	10.0	.430KV=	93.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*
V10	***DURING***	10.0	.428KV=	93.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*
V10	***AFTER****	10.0	.430KV=	93.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP								
V29A	***PRIOR****	1.0	.440KV=	95.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*
V29A	***DURING***	1.0	.439KV=	95.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*
V29A	***AFTER****	1.0	.440KV=	95.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

	HP					
V76/232***PRIOR****	36.0	.435KV= 94.5% OF	.460 KV	*	WARNING WARNING	WARNING *
V76/232***DURING***	36.0	.433KV= 94.1% OF	.460 KV	*	WARNING WARNING	WARNING *
V76/232***AFTER****	36.0	.435KV= 94.5% OF	.460 KV	*	WARNING WARNING	WARNING *

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B50	***PRIOR****	.442KV= 89.7% OF	.492KV	122.8	60.2	.0	.0
4B50	***DURING***	.440KV= 89.3% OF	.492KV	122.8	60.2	.0	.0
4B50	***AFTER****	.441KV= 89.6% OF	.492KV	122.8	60.2	.0	.0

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

	HP					
4P201C ***PRIOR****	150.0	.436KV= 94.8% OF	.460 KV	*	WARNING WARNING	WARNING *
4P201C ***DURING***	150.0	.434KV= 94.4% OF	.460 KV	*	WARNING WARNING	WARNING *
4P201C ***AFTER****	150.0	.436KV= 94.7% OF	.460 KV	*	WARNING WARNING	WARNING *

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B51	***PRIOR****	.448KV= 90.8% OF	.493KV	131.5	81.4	.9	.0
4B51	***DURING***	.434KV= 88.1% OF	.493KV	131.5	81.4	.8	.0
4B51	***AFTER****	.446KV= 90.5% OF	.493KV	131.5	81.4	.9	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4AB2	***PRIOR****	3.910KV= 94.0% OF	4.160KV	5770.1	3260.2	.0	.0
4AB2	***DURING***	3.896KV= 93.6% OF	4.160KV	5770.1	3260.2	.0	.0
4AB2	***AFTER****	3.908KV= 93.9% OF	4.160KV	5770.1	3260.2	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B02	***PRIOR****	.457KV= 92.6% OF	.493KV	206.9	113.0	.0	.0
4B02	***DURING***	.444KV= 90.0% OF	.493KV	206.9	113.0	.0	.0
4B02	***AFTER****	.455KV= 92.3% OF	.493KV	206.9	113.0	.0	.0

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4V1D	***PRIOR****	100.0	.443KV= 96.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V1D	***DURING***	100.0	.429KV= 93.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V1D	***AFTER****	100.0	.441KV= 95.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B04	***PRIOR****	.447KV= 90.7% OF	.492KV	260.8	131.2	.0	.0
4B04	***DURING***	.445KV= 90.3% OF	.492KV	260.8	131.2	.0	.0
4B04	***AFTER****	.446KV= 90.6% OF	.492KV	260.8	131.2	.0	.0

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4P214B	***PRIOR****	250.0	.442KV= 96.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4P214B	***DURING***	250.0	.440KV= 95.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4P214B	***AFTER****	250.0	.441KV= 95.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B06	***PRIOR****	.455KV= 92.3% OF	.493KV	129.4	79.0	31.4	.0
4B06	***DURING***	.438KV= 88.8% OF	.493KV	226.5	429.6	29.1	.0
4B06	***AFTER****	.453KV= 91.8% OF	.493KV	191.2	117.4	31.1	.0

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4V19B	***PRIOR****	15.0	.443KV= 96.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V19B	***DURING***	15.0	.425KV= 92.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V19B	***AFTER****	15.0	.441KV= 95.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4V30C	***PRIOR****	30.0	.442KV= 96.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V30C	***DURING***	30.0	.424KV= 92.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V30C	***AFTER****	30.0	.440KV= 95.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*

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STARTING MOTOR NAME		HP				
4V3C	***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *	
4V3C	***DURING***	75.0	.406KV= 88.2% OF	.460 KV		
4V3C	***AFTER****	75.0	.445KV= 96.7% OF	.460 KV		

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B52	***PRIOR****	.439KV= 89.1% OF	.492KV	125.8	77.9	.8	.0
4B52	***DURING***	.437KV= 88.8% OF	.492KV	125.8	77.9	.8	.0
4B52	***AFTER****	.439KV= 89.1% OF	.492KV	125.8	77.9	.8	.0

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP				
4P244B	***PRIOR****	1.0	.439KV= 95.4% OF	.460 KV	* WARNING WARNING WARNING	*
4P244B	***DURING***	1.0	.437KV= 95.0% OF	.460 KV	* WARNING WARNING WARNING	*
4P244B	***AFTER****	1.0	.438KV= 95.3% OF	.460 KV	* WARNING WARNING WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP				
4V63B	***PRIOR****	2.0	.439KV= 95.4% OF	.460 KV	* WARNING WARNING WARNING	*
4V63B	***DURING***	2.0	.437KV= 95.0% OF	.460 KV	* WARNING WARNING WARNING	*
4V63B	***AFTER****	2.0	.438KV= 95.3% OF	.460 KV	* WARNING WARNING WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP				
4V70B	***PRIOR****	.5	.439KV= 95.4% OF	.460 KV	* WARNING WARNING WARNING	*
4V70B	***DURING***	.5	.437KV= 95.0% OF	.460 KV	* WARNING WARNING WARNING	*
4V70B	***AFTER****	.5	.439KV= 95.3% OF	.460 KV	* WARNING WARNING WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP				
4V65B	***PRIOR****	2.0	.439KV= 95.4% OF	.460 KV	* WARNING WARNING WARNING	*
4V65B	***DURING***	2.0	.437KV= 95.0% OF	.460 KV	* WARNING WARNING WARNING	*
4V65B	***AFTER****	2.0	.438KV= 95.3% OF	.460 KV	* WARNING WARNING WARNING	*

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4V67B	***PRIOR****	40.0	.438KV=	95.2% OF	.460 KV	*	WARNING WARNING	WARNING	*
4V67B	***DURING***	40.0	.436KV=	94.9% OF	.460 KV	*	WARNING WARNING	WARNING	*
4V67B	***AFTER****	40.0	.438KV=	95.2% OF	.460 KV	*	WARNING WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4V64B	***PRIOR****	3.0	.439KV=	95.4% OF	.460 KV	*	WARNING WARNING	WARNING	*
4V64B	***DURING***	3.0	.437KV=	95.0% OF	.460 KV	*	WARNING WARNING	WARNING	*
4V64B	***AFTER****	3.0	.439KV=	95.3% OF	.460 KV	*	WARNING WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4P241B	***PRIOR****	1.0	.438KV=	95.3% OF	.460 KV	*	WARNING WARNING	WARNING	*
4P241B	***DURING***	1.0	.437KV=	94.9% OF	.460 KV	*	WARNING WARNING	WARNING	*
4P241B	***AFTER****	1.0	.438KV=	95.3% OF	.460 KV	*	WARNING WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4S226B	***PRIOR****	15.0	.437KV=	95.1% OF	.460 KV	*	WARNING WARNING	WARNING	*
4S226B	***DURING***	15.0	.436KV=	94.7% OF	.460 KV	*	WARNING WARNING	WARNING	*
4S226B	***AFTER****	15.0	.437KV=	95.0% OF	.460 KV	*	WARNING WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4V68B	***PRIOR****	40.0	.438KV=	95.2% OF	.460 KV	*	WARNING WARNING	WARNING	*
4V68B	***DURING***	40.0	.436KV=	94.8% OF	.460 KV	*	WARNING WARNING	WARNING	*
4V68B	***AFTER****	40.0	.438KV=	95.2% OF	.460 KV	*	WARNING WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4P245B	***PRIOR****	.8	.439KV=	95.4% OF	.460 KV	*	WARNING WARNING	WARNING	*
4P245B	***DURING***	.8	.437KV=	95.0% OF	.460 KV	*	WARNING WARNING	WARNING	*
4P245B	***AFTER****	.8	.439KV=	95.3% OF	.460 KV	*	WARNING WARNING	WARNING	*

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4V69B	***PRIOR****	40.0	.438KV= 95.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V69B	***DURING***	40.0	.436KV= 94.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V69B	***AFTER****	40.0	.438KV= 95.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4S231B	***PRIOR****	9.5	.437KV= 95.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4S231B	***DURING***	9.5	.436KV= 94.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4S231B	***AFTER****	9.5	.437KV= 95.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B53	***PRIOR****	.455KV= 92.2% OF	.493KV	14.6	9.0	24.2	.0
4B53	***DURING***	.441KV= 89.5% OF	.493KV	14.6	9.0	22.8	.0
4B53	***AFTER****	.453KV= 91.9% OF	.493KV	14.6	9.0	24.1	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B54	***PRIOR****	.446KV= 90.6% OF	.492KV	14.6	9.0	23.3	.0
4B54	***DURING***	.445KV= 90.3% OF	.492KV	14.6	9.0	23.2	.0
4B54	***AFTER****	.446KV= 90.6% OF	.492KV	14.6	9.0	23.3	.0

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NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
2BUS114	***PRIOR****	233.789KV=100.3% OF233.000KV	.0	.0	.0	.0
2BUS114	***DURING***	233.763KV=100.3% OF233.000KV	.0	.0	.0	.0
2BUS114	***AFTER****	233.785KV=100.3% OF233.000KV	.0	.0	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4AA1	***PRIOR****	4.015KV= 96.5% OF 4.160KV	4109.3	2559.5	.0	.0
4AA1	***DURING***	4.013KV= 96.5% OF 4.160KV	4109.3	2559.5	.0	.0
4AA1	***AFTER****	4.015KV= 96.5% OF 4.160KV	4109.3	2559.5	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4AB1	***PRIOR****	3.954KV= 95.1% OF 4.160KV	8219.6	5120.4	.0	.0
4AB1	***DURING***	3.945KV= 94.8% OF 4.160KV	8219.6	5120.4	.0	.0
4AB1	***AFTER****	3.953KV= 95.0% OF 4.160KV	8219.6	5120.4	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4AA2	***PRIOR****	3.973KV= 95.5% OF 4.160KV	5770.5	3260.7	.0	.0
4AA2	***DURING***	3.972KV= 95.5% OF 4.160KV	5770.5	3260.7	.0	.0
4AA2	***AFTER****	3.973KV= 95.5% OF 4.160KV	5770.5	3260.7	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4AD	***PRIOR****	3.903KV= 93.8% OF 4.160KV	626.9	409.2	.0	.0
4AD	***DURING***	3.890KV= 93.5% OF 4.160KV	626.9	409.2	.0	.0
4AD	***AFTER****	3.901KV= 93.8% OF 4.160KV	626.9	409.2	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B01	***PRIOR****	.453KV= 91.9% OF .493KV	445.6	231.0	.0	.0
4B01	***DURING***	.453KV= 91.9% OF .493KV	445.6	231.0	.0	.0
4B01	***AFTER****	.453KV= 91.9% OF .493KV	445.6	231.0	.0	.0

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NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B03	***PRIOR****	.465KV= 94.2% OF	.493KV	83.0	51.6	279.3	2.5
4B03	***DURING***	.464KV= 94.2% OF	.493KV	83.0	51.6	279.1	2.5
4B03	***AFTER****	.465KV= 94.2% OF	.493KV	83.0	51.6	279.3	2.5

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B05V	***PRIOR****	.451KV= 91.6% OF	.493KV	169.6	104.7	.9	.0
4B05V	***DURING***	.451KV= 91.5% OF	.493KV	169.6	104.7	.9	.0
4B05V	***AFTER****	.451KV= 91.6% OF	.493KV	169.6	104.7	.9	.0

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP			
4V30B	***PRIOR****	30.0	.436KV= 94.7% OF	.460 KV	* WARNING WARNING WARNING *
4V30B	***DURING***	30.0	.435KV= 94.7% OF	.460 KV	* WARNING WARNING WARNING *
4V30B	***AFTER****	30.0	.436KV= 94.7% OF	.460 KV	* WARNING WARNING WARNING *

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B05N	***PRIOR****	.450KV= 91.2% OF	.493KV	62.8	40.1	231.0	.0
4B05N	***DURING***	.450KV= 91.2% OF	.493KV	62.8	40.1	230.8	.0
4B05N	***AFTER****	.450KV= 91.2% OF	.493KV	62.8	40.1	231.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B07	***PRIOR****	.461KV= 93.6% OF	.493KV	172.8	106.8	1.8	.0
4B07	***DURING***	.461KV= 93.6% OF	.493KV	172.8	106.8	1.8	.0
4B07	***AFTER****	.461KV= 93.6% OF	.493KV	172.8	106.8	1.8	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B08	***PRIOR****	.441KV= 89.5% OF	.492KV	257.2	158.2	37.6	.0
4B08	***DURING***	.422KV= 85.6% OF	.492KV	338.7	500.4	34.5	.0
4B08	***AFTER****	.438KV= 88.9% OF	.492KV	318.5	196.2	37.2	.0

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
4V1B   ***PRIOR****     100.0     .438KV= 95.1% OF    .460 KV     *  WARNING WARNING  WARNING  *
4V1B   ***DURING***     100.0     .418KV= 90.9% OF    .460 KV     *  WARNING WARNING  WARNING  *
4V1B   ***AFTER****     100.0     .435KV= 94.5% OF    .460 KV     *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
4V30A  ***PRIOR****      30.0     .437KV= 95.0% OF    .460 KV     *  WARNING WARNING  WARNING  *
4V30A  ***DURING***      30.0     .418KV= 90.8% OF    .460 KV     *  WARNING WARNING  WARNING  *
4V30A  ***AFTER****      30.0     .434KV= 94.4% OF    .460 KV     *  WARNING WARNING  WARNING  *

STARTING MOTOR NAME       HP

4V3A   ***PRIOR****       .0      .000KV=   .0% OF    .460 KV     * MOTOR NOT STARTED YET *
4V3A   ***DURING***     75.0      .407KV= 88.5% OF    .460 KV
4V3A   ***AFTER****     75.0      .434KV= 94.4% OF    .460 KV     *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
S77A   ***PRIOR****      3.4      .439KV= 95.4% OF    .460 KV     *  WARNING WARNING  WARNING  *
S77A   ***DURING***      3.4      .420KV= 91.3% OF    .460 KV     *  WARNING WARNING  WARNING  *
S77A   ***AFTER****      3.4      .436KV= 94.8% OF    .460 KV     *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
S78A   ***PRIOR****      3.4      .439KV= 95.4% OF    .460 KV     *  WARNING WARNING  WARNING  *
S78A   ***DURING***      3.4      .420KV= 91.3% OF    .460 KV     *  WARNING WARNING  WARNING  *
S78A   ***AFTER****      3.4      .436KV= 94.8% OF    .460 KV     *  WARNING WARNING  WARNING  *
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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP								
S75A	***PRIOR****	5.0	.438KV=	95.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S75A	***DURING***	5.0	.418KV=	90.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S75A	***AFTER****	5.0	.435KV=	94.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP								
NS74A	***PRIOR****	50.5	.437KV=	95.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*
NS74A	***DURING***	50.5	.418KV=	90.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*
NS74A	***AFTER****	50.5	.435KV=	94.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP								
E16B/17	***PRIOR****	34.0	.428KV=	93.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*
E16B/17	***DURING***	34.0	.408KV=	88.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*
E16B/17	***AFTER****	34.0	.425KV=	92.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP								
V8A	***PRIOR****	40.0	.438KV=	95.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*
V8A	***DURING***	40.0	.419KV=	91.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*
V8A	***AFTER****	40.0	.435KV=	94.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP								
V10	***PRIOR****	10.0	.430KV=	93.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*
V10	***DURING***	10.0	.410KV=	89.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*
V10	***AFTER****	10.0	.427KV=	92.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP								
V29A	***PRIOR****	1.0	.440KV=	95.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*
V29A	***DURING***	1.0	.421KV=	91.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*
V29A	***AFTER****	1.0	.437KV=	95.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

	HP					
V76/232***PRIOR****	36.0	.435KV= 94.5% OF	.460 KV	*	WARNING WARNING	WARNING *
V76/232***DURING***	36.0	.415KV= 90.3% OF	.460 KV	*	WARNING WARNING	WARNING *
V76/232***AFTER****	36.0	.432KV= 93.9% OF	.460 KV	*	WARNING WARNING	WARNING *

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B50	***PRIOR****	.441KV= 89.6% OF	.492KV	122.8	60.2	.0	.0
4B50	***DURING***	.423KV= 85.9% OF	.492KV	122.8	60.2	.0	.0
4B50	***AFTER****	.439KV= 89.1% OF	.492KV	122.8	60.2	.0	.0

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

	HP					
4P201C ***PRIOR****	150.0	.436KV= 94.7% OF	.460 KV	*	WARNING WARNING	WARNING *
4P201C ***DURING***	150.0	.417KV= 90.7% OF	.460 KV	*	WARNING WARNING	WARNING *
4P201C ***AFTER****	150.0	.433KV= 94.2% OF	.460 KV	*	WARNING WARNING	WARNING *

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B51	***PRIOR****	.446KV= 90.5% OF	.493KV	131.5	81.4	.9	.0
4B51	***DURING***	.446KV= 90.4% OF	.493KV	131.5	81.4	.9	.0
4B51	***AFTER****	.446KV= 90.5% OF	.493KV	131.5	81.4	.9	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4AB2	***PRIOR****	3.908KV= 93.9% OF	4.160KV	5770.1	3260.2	.0	.0
4AB2	***DURING***	3.895KV= 93.6% OF	4.160KV	5770.1	3260.2	.0	.0
4AB2	***AFTER****	3.906KV= 93.9% OF	4.160KV	5770.1	3260.2	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B02	***PRIOR****	.455KV= 92.3% OF	.493KV	206.9	113.0	.0	.0
4B02	***DURING***	.454KV= 92.0% OF	.493KV	206.9	113.0	.0	.0
4B02	***AFTER****	.455KV= 92.3% OF	.493KV	206.9	113.0	.0	.0

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4V1D	***PRIOR****	100.0	.441KV= 95.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V1D	***DURING***	100.0	.439KV= 95.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V1D	***AFTER****	100.0	.441KV= 95.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B04	***PRIOR****	.446KV= 90.6% OF	.492KV	260.8	131.2	.0	.0
4B04	***DURING***	.433KV= 87.9% OF	.492KV	260.8	131.2	.0	.0
4B04	***AFTER****	.445KV= 90.3% OF	.492KV	260.8	131.2	.0	.0

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4P214B	***PRIOR****	250.0	.441KV= 95.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4P214B	***DURING***	250.0	.428KV= 93.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4P214B	***AFTER****	250.0	.440KV= 95.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B06	***PRIOR****	.453KV= 91.8% OF	.493KV	191.2	117.4	31.1	.0
4B06	***DURING***	.451KV= 91.5% OF	.493KV	191.2	117.4	30.9	.0
4B06	***AFTER****	.452KV= 91.8% OF	.493KV	191.2	117.4	31.1	.0

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4V19B	***PRIOR****	15.0	.441KV= 95.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V19B	***DURING***	15.0	.439KV= 95.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V19B	***AFTER****	15.0	.440KV= 95.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4V30C	***PRIOR****	30.0	.440KV= 95.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V30C	***DURING***	30.0	.438KV= 95.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V30C	***AFTER****	30.0	.439KV= 95.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B52	***PRIOR****	.439KV= 89.1% OF	.492KV	125.8	77.9	.8	.0
4B52	***DURING***	.425KV= 86.3% OF	.492KV	125.8	77.9	.8	.0
4B52	***AFTER****	.437KV= 88.7% OF	.492KV	125.8	77.9	.8	.0

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VOLTAGE DROP ANALYSIS CASE #= 7

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
4P244B ***PRIOR****       1.0      .438KV= 95.3% OF    .460 KV      *  WARNING WARNING  WARNING  *
4P244B ***DURING***       1.0      .425KV= 92.4% OF    .460 KV      *  WARNING WARNING  WARNING  *
4P244B ***AFTER****       1.0      .437KV= 94.9% OF    .460 KV      *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
4V63B  ***PRIOR****       2.0      .438KV= 95.3% OF    .460 KV      *  WARNING WARNING  WARNING  *
4V63B  ***DURING***       2.0      .425KV= 92.4% OF    .460 KV      *  WARNING WARNING  WARNING  *
4V63B  ***AFTER****       2.0      .437KV= 94.9% OF    .460 KV      *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
4V70B  ***PRIOR****        .5      .439KV= 95.3% OF    .460 KV      *  WARNING WARNING  WARNING  *
4V70B  ***DURING***        .5      .425KV= 92.4% OF    .460 KV      *  WARNING WARNING  WARNING  *
4V70B  ***AFTER****        .5      .437KV= 95.0% OF    .460 KV      *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
4V65B  ***PRIOR****       2.0      .438KV= 95.3% OF    .460 KV      *  WARNING WARNING  WARNING  *
4V65B  ***DURING***       2.0      .425KV= 92.4% OF    .460 KV      *  WARNING WARNING  WARNING  *
4V65B  ***AFTER****       2.0      .437KV= 94.9% OF    .460 KV      *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
4V67B  ***PRIOR****      40.0      .438KV= 95.2% OF    .460 KV      *  WARNING WARNING  WARNING  *
4V67B  ***DURING***      40.0      .424KV= 92.2% OF    .460 KV      *  WARNING WARNING  WARNING  *
4V67B  ***AFTER****      40.0      .436KV= 94.8% OF    .460 KV      *  WARNING WARNING  WARNING  *
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VOLTAGE DROP ANALYSIS CASE #= 7

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
4V64B  ***PRIOR****      3.0      .439KV= 95.3% OF    .460 KV     *  WARNING WARNING  WARNING  *
4V64B  ***DURING***      3.0      .425KV= 92.4% OF    .460 KV     *  WARNING WARNING  WARNING  *
4V64B  ***AFTER****      3.0      .437KV= 94.9% OF    .460 KV     *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
4P241B ***PRIOR****      1.0      .438KV= 95.3% OF    .460 KV     *  WARNING WARNING  WARNING  *
4P241B ***DURING***      1.0      .425KV= 92.3% OF    .460 KV     *  WARNING WARNING  WARNING  *
4P241B ***AFTER****      1.0      .436KV= 94.9% OF    .460 KV     *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
4S226B ***PRIOR****     15.0      .437KV= 95.0% OF    .460 KV     *  WARNING WARNING  WARNING  *
4S226B ***DURING***     15.0      .424KV= 92.1% OF    .460 KV     *  WARNING WARNING  WARNING  *
4S226B ***AFTER****     15.0      .435KV= 94.7% OF    .460 KV     *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
4V68B  ***PRIOR****     40.0      .438KV= 95.2% OF    .460 KV     *  WARNING WARNING  WARNING  *
4V68B  ***DURING***     40.0      .424KV= 92.2% OF    .460 KV     *  WARNING WARNING  WARNING  *
4V68B  ***AFTER****     40.0      .436KV= 94.8% OF    .460 KV     *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
4P245B ***PRIOR****      .8       .439KV= 95.3% OF    .460 KV     *  WARNING WARNING  WARNING  *
4P245B ***DURING***      .8       .425KV= 92.4% OF    .460 KV     *  WARNING WARNING  WARNING  *
4P245B ***AFTER****      .8       .437KV= 94.9% OF    .460 KV     *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
4V69B  ***PRIOR****     40.0      .438KV= 95.1% OF    .460 KV     *  WARNING WARNING  WARNING  *
4V69B  ***DURING***     40.0      .424KV= 92.2% OF    .460 KV     *  WARNING WARNING  WARNING  *
4V69B  ***AFTER****     40.0      .436KV= 94.8% OF    .460 KV     *  WARNING WARNING  WARNING  *
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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4S231B	***PRIOR****	9.5	.437KV=	95.0% OF	.460 KV	*	WARNING	WARNING	WARNING *
4S231B	***DURING***	9.5	.424KV=	92.1% OF	.460 KV	*	WARNING	WARNING	WARNING *
4S231B	***AFTER****	9.5	.435KV=	94.7% OF	.460 KV	*	WARNING	WARNING	WARNING *

NAME OF BUS	CONDITION	VOLTAGE AT BUS				MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B53	***PRIOR****	.453KV=	91.9%	OF	.493KV	14.6	9.0	24.1	.0
4B53	***DURING***	.453KV=	91.9%	OF	.493KV	14.6	9.0	24.0	.0
4B53	***AFTER****	.453KV=	91.9%	OF	.493KV	14.6	9.0	24.1	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS				MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B54	***PRIOR****	.446KV=	90.6%	OF	.492KV	14.6	9.0	23.3	.0
4B54	***DURING***	.433KV=	87.9%	OF	.492KV	14.6	9.0	22.0	.0
4B54	***AFTER****	.444KV=	90.2%	OF	.492KV	14.6	9.0	23.1	.0

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NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
2BUS114	***PRIOR****	233.785KV=100.3% OF233.000KV	.0	.0	.0	.0
2BUS114	***DURING***	233.785KV=100.3% OF233.000KV	.0	.0	.0	.0
2BUS114	***AFTER****	233.785KV=100.3% OF233.000KV	.0	.0	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4AA1	***PRIOR****	4.015KV= 96.5% OF 4.160KV	4109.3	2559.5	.0	.0
4AA1	***DURING***	4.015KV= 96.5% OF 4.160KV	4109.3	2559.5	.0	.0
4AA1	***AFTER****	4.015KV= 96.5% OF 4.160KV	4109.3	2559.5	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4AB1	***PRIOR****	3.953KV= 95.0% OF 4.160KV	8219.6	5120.4	.0	.0
4AB1	***DURING***	3.953KV= 95.0% OF 4.160KV	8219.6	5120.4	.0	.0
4AB1	***AFTER****	3.953KV= 95.0% OF 4.160KV	8219.6	5120.4	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4AA2	***PRIOR****	3.973KV= 95.5% OF 4.160KV	5770.5	3260.7	.0	.0
4AA2	***DURING***	3.973KV= 95.5% OF 4.160KV	5770.5	3260.7	.0	.0
4AA2	***AFTER****	3.973KV= 95.5% OF 4.160KV	5770.5	3260.7	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4AD	***PRIOR****	3.901KV= 93.8% OF 4.160KV	626.9	409.2	.0	.0
4AD	***DURING***	3.901KV= 93.8% OF 4.160KV	626.9	409.2	.0	.0
4AD	***AFTER****	3.901KV= 93.8% OF 4.160KV	626.9	409.2	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B01	***PRIOR****	.453KV= 91.9% OF .493KV	445.6	231.0	.0	.0
4B01	***DURING***	.453KV= 91.9% OF .493KV	445.6	231.0	.0	.0
4B01	***AFTER****	.453KV= 91.9% OF .493KV	445.6	231.0	.0	.0

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NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B03	***PRIOR****	.465KV= 94.2% OF	.493KV	83.0	51.6	279.3	2.5
4B03	***DURING***	.465KV= 94.2% OF	.493KV	83.0	51.6	279.3	2.5
4B03	***AFTER****	.465KV= 94.2% OF	.493KV	83.0	51.6	279.3	2.5

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B05V	***PRIOR****	.451KV= 91.6% OF	.493KV	169.6	104.7	.9	.0
4B05V	***DURING***	.451KV= 91.6% OF	.493KV	169.6	104.7	.9	.0
4B05V	***AFTER****	.451KV= 91.6% OF	.493KV	169.6	104.7	.9	.0

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP			
4V30B	***PRIOR****	30.0	.436KV= 94.7% OF	.460 KV	* WARNING WARNING WARNING *
4V30B	***DURING***	30.0	.436KV= 94.7% OF	.460 KV	* WARNING WARNING WARNING *
4V30B	***AFTER****	30.0	.436KV= 94.7% OF	.460 KV	* WARNING WARNING WARNING *

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B05N	***PRIOR****	.450KV= 91.2% OF	.493KV	62.8	40.1	231.0	.0
4B05N	***DURING***	.450KV= 91.2% OF	.493KV	62.8	40.1	231.0	.0
4B05N	***AFTER****	.450KV= 91.2% OF	.493KV	62.8	40.1	231.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B07	***PRIOR****	.461KV= 93.6% OF	.493KV	172.8	106.8	1.8	.0
4B07	***DURING***	.461KV= 93.6% OF	.493KV	172.8	106.8	1.8	.0
4B07	***AFTER****	.461KV= 93.6% OF	.493KV	172.8	106.8	1.8	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B08	***PRIOR****	.438KV= 88.9% OF	.492KV	318.5	196.2	37.2	.0
4B08	***DURING***	.438KV= 88.9% OF	.492KV	318.5	196.2	37.2	.0
4B08	***AFTER****	.438KV= 88.9% OF	.492KV	318.5	196.2	37.2	.0

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4V1B	***PRIOR****	100.0	.435KV= 94.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V1B	***DURING***	100.0	.435KV= 94.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V1B	***AFTER****	100.0	.435KV= 94.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4V30A	***PRIOR****	30.0	.434KV= 94.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V30A	***DURING***	30.0	.434KV= 94.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V30A	***AFTER****	30.0	.434KV= 94.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4V3A	***PRIOR****	75.0	.434KV= 94.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V3A	***DURING***	75.0	.434KV= 94.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V3A	***AFTER****	75.0	.434KV= 94.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
S77A	***PRIOR****	3.4	.436KV= 94.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S77A	***DURING***	3.4	.436KV= 94.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S77A	***AFTER****	3.4	.436KV= 94.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
S78A	***PRIOR****	3.4	.436KV= 94.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S78A	***DURING***	3.4	.436KV= 94.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S78A	***AFTER****	3.4	.436KV= 94.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*

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VOLTAGE DROP ANALYSIS CASE #= 8

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
S75A    ***PRIOR****     5.0      .435KV= 94.5% OF    .460 KV      *  WARNING WARNING  WARNING  *
S75A    ***DURING***     5.0      .435KV= 94.5% OF    .460 KV      *  WARNING WARNING  WARNING  *
S75A    ***AFTER****     5.0      .435KV= 94.5% OF    .460 KV      *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
NS74A   ***PRIOR****    50.5      .435KV= 94.5% OF    .460 KV      *  WARNING WARNING  WARNING  *
NS74A   ***DURING***    50.5      .435KV= 94.5% OF    .460 KV      *  WARNING WARNING  WARNING  *
NS74A   ***AFTER****    50.5      .435KV= 94.5% OF    .460 KV      *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
E16B/17***PRIOR****     34.0      .425KV= 92.4% OF    .460 KV      *  WARNING WARNING  WARNING  *
E16B/17***DURING***     34.0      .425KV= 92.4% OF    .460 KV      *  WARNING WARNING  WARNING  *
E16B/17***AFTER****     34.0      .425KV= 92.4% OF    .460 KV      *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
V8A     ***PRIOR****    40.0      .435KV= 94.6% OF    .460 KV      *  WARNING WARNING  WARNING  *
V8A     ***DURING***    40.0      .435KV= 94.6% OF    .460 KV      *  WARNING WARNING  WARNING  *
V8A     ***AFTER****    40.0      .435KV= 94.6% OF    .460 KV      *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
V10     ***PRIOR****    10.0      .427KV= 92.8% OF    .460 KV      *  WARNING WARNING  WARNING  *
V10     ***DURING***    10.0      .427KV= 92.8% OF    .460 KV      *  WARNING WARNING  WARNING  *
V10     ***AFTER****    10.0      .427KV= 92.8% OF    .460 KV      *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
V29A    ***PRIOR****     1.0      .437KV= 95.1% OF    .460 KV      *  WARNING WARNING  WARNING  *
V29A    ***DURING***     1.0      .437KV= 95.1% OF    .460 KV      *  WARNING WARNING  WARNING  *
V29A    ***AFTER****     1.0      .437KV= 95.1% OF    .460 KV      *  WARNING WARNING  WARNING  *
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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

	HP						
V76/232***PRIOR****	36.0	.432KV= 93.9% OF	.460 KV	*	WARNING	WARNING	WARNING *
V76/232***DURING***	36.0	.432KV= 93.9% OF	.460 KV	*	WARNING	WARNING	WARNING *
V76/232***AFTER****	36.0	.432KV= 93.9% OF	.460 KV	*	WARNING	WARNING	WARNING *

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B50	***PRIOR****	.439KV= 89.1% OF	.492KV	122.8	60.2	.0	.0
4B50	***DURING***	.439KV= 89.1% OF	.492KV	122.8	60.2	.0	.0
4B50	***AFTER****	.439KV= 89.1% OF	.492KV	122.8	60.2	.0	.0

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

	HP						
4P201C ***PRIOR****	150.0	.433KV= 94.2% OF	.460 KV	*	WARNING	WARNING	WARNING *
4P201C ***DURING***	150.0	.433KV= 94.2% OF	.460 KV	*	WARNING	WARNING	WARNING *
4P201C ***AFTER****	150.0	.433KV= 94.2% OF	.460 KV	*	WARNING	WARNING	WARNING *

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B51	***PRIOR****	.446KV= 90.5% OF	.493KV	131.5	81.4	.9	.0
4B51	***DURING***	.446KV= 90.5% OF	.493KV	131.5	81.4	.9	.0
4B51	***AFTER****	.446KV= 90.5% OF	.493KV	131.5	81.4	.9	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4AB2	***PRIOR****	3.906KV= 93.9% OF	4.160KV	5770.1	3260.2	.0	.0
4AB2	***DURING***	3.906KV= 93.9% OF	4.160KV	5770.1	3260.2	.0	.0
4AB2	***AFTER****	3.906KV= 93.9% OF	4.160KV	5770.1	3260.2	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B02	***PRIOR****	.455KV= 92.3% OF	.493KV	206.9	113.0	.0	.0
4B02	***DURING***	.455KV= 92.3% OF	.493KV	206.9	113.0	.0	.0
4B02	***AFTER****	.455KV= 92.3% OF	.493KV	206.9	113.0	.0	.0

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4V1D	***PRIOR****	100.0	.441KV= 95.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V1D	***DURING***	100.0	.441KV= 95.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V1D	***AFTER****	100.0	.441KV= 95.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B04	***PRIOR****	.445KV= 90.3% OF	.492KV	260.8	131.2	.0	.0
4B04	***DURING***	.445KV= 90.3% OF	.492KV	260.8	131.2	.0	.0
4B04	***AFTER****	.445KV= 90.3% OF	.492KV	260.8	131.2	.0	.0

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4P214B	***PRIOR****	250.0	.440KV= 95.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4P214B	***DURING***	250.0	.440KV= 95.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4P214B	***AFTER****	250.0	.440KV= 95.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B06	***PRIOR****	.452KV= 91.8% OF	.493KV	191.2	117.4	31.1	.0
4B06	***DURING***	.452KV= 91.8% OF	.493KV	191.2	117.4	31.1	.0
4B06	***AFTER****	.452KV= 91.8% OF	.493KV	191.2	117.4	31.1	.0

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4V19B	***PRIOR****	15.0	.440KV= 95.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V19B	***DURING***	15.0	.440KV= 95.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V19B	***AFTER****	15.0	.440KV= 95.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4V30C	***PRIOR****	30.0	.439KV= 95.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V30C	***DURING***	30.0	.439KV= 95.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V30C	***AFTER****	30.0	.439KV= 95.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B52	***PRIOR****	.437KV= 88.7% OF	.492KV	125.8	77.9	.8	.0
4B52	***DURING***	.437KV= 88.7% OF	.492KV	125.8	77.9	.8	.0
4B52	***AFTER****	.437KV= 88.7% OF	.492KV	125.8	77.9	.8	.0

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VOLTAGE DROP ANALYSIS CASE #= 8

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
4P244B ***PRIOR****       1.0      .437KV= 94.9% OF    .460 KV      *  WARNING WARNING  WARNING  *
4P244B ***DURING***       1.0      .437KV= 94.9% OF    .460 KV      *  WARNING WARNING  WARNING  *
4P244B ***AFTER****       1.0      .437KV= 94.9% OF    .460 KV      *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
4V63B  ***PRIOR****       2.0      .437KV= 94.9% OF    .460 KV      *  WARNING WARNING  WARNING  *
4V63B  ***DURING***       2.0      .437KV= 94.9% OF    .460 KV      *  WARNING WARNING  WARNING  *
4V63B  ***AFTER****       2.0      .437KV= 94.9% OF    .460 KV      *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
4V70B  ***PRIOR****        .5      .437KV= 95.0% OF    .460 KV      *  WARNING WARNING  WARNING  *
4V70B  ***DURING***        .5      .437KV= 95.0% OF    .460 KV      *  WARNING WARNING  WARNING  *
4V70B  ***AFTER****        .5      .437KV= 95.0% OF    .460 KV      *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
4V65B  ***PRIOR****       2.0      .437KV= 94.9% OF    .460 KV      *  WARNING WARNING  WARNING  *
4V65B  ***DURING***       2.0      .437KV= 94.9% OF    .460 KV      *  WARNING WARNING  WARNING  *
4V65B  ***AFTER****       2.0      .437KV= 94.9% OF    .460 KV      *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
4V67B  ***PRIOR****      40.0      .436KV= 94.8% OF    .460 KV      *  WARNING WARNING  WARNING  *
4V67B  ***DURING***      40.0      .436KV= 94.8% OF    .460 KV      *  WARNING WARNING  WARNING  *
4V67B  ***AFTER****      40.0      .436KV= 94.8% OF    .460 KV      *  WARNING WARNING  WARNING  *
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VOLTAGE DROP ANALYSIS CASE #= 8

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4V64B	***PRIOR****	3.0	.437KV= 94.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V64B	***DURING***	3.0	.437KV= 94.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V64B	***AFTER****	3.0	.437KV= 94.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4P241B	***PRIOR****	1.0	.436KV= 94.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4P241B	***DURING***	1.0	.436KV= 94.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4P241B	***AFTER****	1.0	.436KV= 94.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4S226B	***PRIOR****	15.0	.435KV= 94.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4S226B	***DURING***	15.0	.435KV= 94.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4S226B	***AFTER****	15.0	.435KV= 94.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4V68B	***PRIOR****	40.0	.436KV= 94.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V68B	***DURING***	40.0	.436KV= 94.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V68B	***AFTER****	40.0	.436KV= 94.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4P245B	***PRIOR****	.8	.437KV= 94.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4P245B	***DURING***	.8	.437KV= 94.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4P245B	***AFTER****	.8	.437KV= 94.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4V69B	***PRIOR****	40.0	.436KV= 94.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V69B	***DURING***	40.0	.436KV= 94.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V69B	***AFTER****	40.0	.436KV= 94.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4S231B	***PRIOR****	9.5	.435KV= 94.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4S231B	***DURING***	9.5	.435KV= 94.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4S231B	***AFTER****	9.5	.435KV= 94.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B53	***PRIOR****	.453KV= 91.9% OF	.493KV	14.6	9.0	24.1	.0
4B53	***DURING***	.453KV= 91.9% OF	.493KV	14.6	9.0	24.1	.0
4B53	***AFTER****	.453KV= 91.9% OF	.493KV	14.6	9.0	24.1	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B54	***PRIOR****	.444KV= 90.2% OF	.492KV	14.6	9.0	23.1	.0
4B54	***DURING***	.444KV= 90.2% OF	.492KV	14.6	9.0	23.1	.0
4B54	***AFTER****	.444KV= 90.2% OF	.492KV	14.6	9.0	23.1	.0

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NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
2BUS114	***PRIOR****	233.785KV=100.3% OF233.000KV	.0	.0	.0	.0
2BUS114	***DURING***	231.883KV= 99.5% OF233.000KV	.0	.0	.0	.0
2BUS114	***AFTER****	233.572KV=100.2% OF233.000KV	.0	.0	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4AA1	***PRIOR****	4.015KV= 96.5% OF 4.160KV	4109.3	2559.5	.0	.0
4AA1	***DURING***	3.353KV= 80.6% OF 4.160KV	9635.2	29137.6	.0	.0
4AA1	***AFTER****	3.948KV= 94.9% OF 4.160KV	9561.0	5210.9	.0	.0

STARTING MOTOR NAME		HP		
4P1A	***PRIOR****	.0	.000KV= .0% OF 4.000 KV	* MOTOR NOT STARTED YET *
4P1A	***DURING***	7000.0	3.299KV= 82.5% OF 4.000 KV	
4P1A	***AFTER****	7000.0	3.940KV= 98.5% OF 4.000 KV	

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4AB1	***PRIOR****	3.953KV= 95.0% OF 4.160KV	8219.6	5120.4	.0	.0
4AB1	***DURING***	3.850KV= 92.5% OF 4.160KV	8219.6	5120.4	.0	.0
4AB1	***AFTER****	3.942KV= 94.8% OF 4.160KV	8219.6	5120.4	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4AA2	***PRIOR****	3.973KV= 95.5% OF 4.160KV	5770.5	3260.7	.0	.0
4AA2	***DURING***	3.302KV= 79.4% OF 4.160KV	5770.5	3260.7	.0	.0
4AA2	***AFTER****	3.906KV= 93.9% OF 4.160KV	5770.5	3260.7	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4AD	***PRIOR****	3.901KV= 93.8% OF 4.160KV	626.9	409.2	.0	.0
4AD	***DURING***	3.797KV= 91.3% OF 4.160KV	626.9	409.2	.0	.0
4AD	***AFTER****	3.890KV= 93.5% OF 4.160KV	626.9	409.2	.0	.0

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NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B01	***PRIOR****	.453KV= 91.9%	OF	.493KV	445.6	231.0	.0	.0
4B01	***DURING***	.370KV= 74.9%	OF	.493KV	445.6	231.0	.0	.0
4B01	***AFTER****	.445KV= 90.2%	OF	.493KV	445.6	231.0	.0	.0

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP								
4P201A	***PRIOR****	150.0	.445KV= 96.7%	OF	.460 KV	*	WARNING	WARNING	WARNING	*
4P201A	***DURING***	150.0	.359KV= 78.1%	OF	.460 KV	*	WARNING	WARNING	WARNING	*
4P201A	***AFTER****	150.0	.436KV= 94.9%	OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP								
4P214A	***PRIOR****	250.0	.447KV= 97.2%	OF	.460 KV	*	WARNING	WARNING	WARNING	*
4P214A	***DURING***	250.0	.362KV= 78.8%	OF	.460 KV	*	WARNING	WARNING	WARNING	*
4P214A	***AFTER****	250.0	.439KV= 95.4%	OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP								
4S6A	***PRIOR****	150.0	.447KV= 97.2%	OF	.460 KV	*	WARNING	WARNING	WARNING	*
4S6A	***DURING***	150.0	.362KV= 78.7%	OF	.460 KV	*	WARNING	WARNING	WARNING	*
4S6A	***AFTER****	150.0	.439KV= 95.4%	OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B03	***PRIOR****	.465KV= 94.2%	OF	.493KV	83.0	51.6	279.3	2.5
4B03	***DURING***	.384KV= 77.9%	OF	.493KV	83.0	51.6	190.9	1.7
4B03	***AFTER****	.457KV= 92.6%	OF	.493KV	83.0	51.6	269.7	2.4

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4P212	***PRIOR****	100.0	.454KV= 98.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4P212	***DURING***	100.0	.371KV= 80.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4P212	***AFTER****	100.0	.445KV= 96.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B05V	***PRIOR****	.451KV= 91.6% OF	.493KV	169.6	104.7	.9	.0
4B05V	***DURING***	.368KV= 74.5% OF	.493KV	169.6	104.7	.6	.0
4B05V	***AFTER****	.443KV= 89.9% OF	.493KV	169.6	104.7	.9	.0

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4V1C	***PRIOR****	100.0	.443KV= 96.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V1C	***DURING***	100.0	.357KV= 77.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V1C	***AFTER****	100.0	.434KV= 94.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4V30B	***PRIOR****	30.0	.436KV= 94.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V30B	***DURING***	30.0	.348KV= 75.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V30B	***AFTER****	30.0	.427KV= 92.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4V3B	***PRIOR****	75.0	.445KV= 96.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V3B	***DURING***	75.0	.360KV= 78.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V3B	***AFTER****	75.0	.437KV= 95.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B05N	***PRIOR****	.450KV= 91.2% OF	.493KV	62.8	40.1	231.0	.0
4B05N	***DURING***	.367KV= 74.3% OF	.493KV	62.8	40.1	153.3	.0
4B05N	***AFTER****	.442KV= 89.6% OF	.493KV	62.8	40.1	222.5	.0

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4V14A	***PRIOR****	7.5	.440KV= 95.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V14A	***DURING***	7.5	.354KV= 77.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V14A	***AFTER****	7.5	.431KV= 93.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4V5	***PRIOR****	.5	.450KV= 97.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V5	***DURING***	.5	.366KV= 79.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V5	***AFTER****	.5	.441KV= 96.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4V16	***PRIOR****	2.0	.449KV= 97.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V16	***DURING***	2.0	.365KV= 79.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V16	***AFTER****	2.0	.440KV= 95.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4V18	***PRIOR****	7.5	.444KV= 96.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V18	***DURING***	7.5	.359KV= 78.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V18	***AFTER****	7.5	.435KV= 94.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4V19A	***PRIOR****	15.0	.447KV= 97.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V19A	***DURING***	15.0	.363KV= 78.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V19A	***AFTER****	15.0	.438KV= 95.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4V31B	***PRIOR****	3.0	.446KV= 96.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V31B	***DURING***	3.0	.362KV= 78.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V31B	***AFTER****	3.0	.438KV= 95.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4V32B	***PRIOR****	.8	.448KV=	97.5% OF	.460 KV	*	WARNING WARNING	WARNING	*
4V32B	***DURING***	.8	.365KV=	79.3% OF	.460 KV	*	WARNING WARNING	WARNING	*
4V32B	***AFTER****	.8	.440KV=	95.7% OF	.460 KV	*	WARNING WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4V4	***PRIOR****	5.0	.445KV=	96.8% OF	.460 KV	*	WARNING WARNING	WARNING	*
4V4	***DURING***	5.0	.361KV=	78.5% OF	.460 KV	*	WARNING WARNING	WARNING	*
4V4	***AFTER****	5.0	.437KV=	95.0% OF	.460 KV	*	WARNING WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4V6A	***PRIOR****	7.5	.445KV=	96.8% OF	.460 KV	*	WARNING WARNING	WARNING	*
4V6A	***DURING***	7.5	.361KV=	78.5% OF	.460 KV	*	WARNING WARNING	WARNING	*
4V6A	***AFTER****	7.5	.437KV=	95.0% OF	.460 KV	*	WARNING WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4F20A/B	***PRIOR****	1.5	.449KV=	97.6% OF	.460 KV	*	WARNING WARNING	WARNING	*
4F20A/B	***DURING***	1.5	.365KV=	79.4% OF	.460 KV	*	WARNING WARNING	WARNING	*
4F20A/B	***AFTER****	1.5	.441KV=	95.8% OF	.460 KV	*	WARNING WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4P90A	***PRIOR****	2.0	.447KV=	97.2% OF	.460 KV	*	WARNING WARNING	WARNING	*
4P90A	***DURING***	2.0	.363KV=	79.0% OF	.460 KV	*	WARNING WARNING	WARNING	*
4P90A	***AFTER****	2.0	.439KV=	95.4% OF	.460 KV	*	WARNING WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4P90B	***PRIOR****	2.0	.447KV=	97.2% OF	.460 KV	*	WARNING WARNING	WARNING	*
4P90B	***DURING***	2.0	.363KV=	79.0% OF	.460 KV	*	WARNING WARNING	WARNING	*
4P90B	***AFTER****	2.0	.439KV=	95.4% OF	.460 KV	*	WARNING WARNING	WARNING	*

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4P90C	***PRIOR****	2.0	.447KV= 97.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4P90C	***DURING***	2.0	.363KV= 79.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4P90C	***AFTER****	2.0	.439KV= 95.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4XS75/7	***PRIOR****	20.0	.443KV= 96.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4XS75/7	***DURING***	20.0	.358KV= 77.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4XS75/7	***AFTER****	20.0	.434KV= 94.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B07	***PRIOR****	.461KV= 93.6% OF	.493KV	172.8	106.8	1.8	.0
4B07	***DURING***	.380KV= 77.1% OF	.493KV	172.8	106.8	1.3	.0
4B07	***AFTER****	.453KV= 91.9% OF	.493KV	172.8	106.8	1.8	.0

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
E16F	***PRIOR****	36.0	.457KV= 99.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*
E16F	***DURING***	36.0	.375KV= 81.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*
E16F	***AFTER****	36.0	.449KV= 97.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4V1A	***PRIOR****	100.0	.458KV= 99.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V1A	***DURING***	100.0	.376KV= 81.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V1A	***AFTER****	100.0	.450KV= 97.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4V2A	***PRIOR****	60.0	.455KV= 98.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V2A	***DURING***	60.0	.373KV= 81.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V2A	***AFTER****	60.0	.447KV= 97.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B08	***PRIOR****	.438KV= 88.9% OF	.492KV	318.5	196.2	37.2	.0
4B08	***DURING***	.425KV= 86.3% OF	.492KV	318.5	196.2	35.0	.0
4B08	***AFTER****	.436KV= 88.6% OF	.492KV	318.5	196.2	36.9	.0

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4V1B	***PRIOR****	100.0	.435KV= 94.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V1B	***DURING***	100.0	.421KV= 91.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V1B	***AFTER****	100.0	.433KV= 94.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4V30A	***PRIOR****	30.0	.434KV= 94.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V30A	***DURING***	30.0	.421KV= 91.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V30A	***AFTER****	30.0	.433KV= 94.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4V3A	***PRIOR****	75.0	.434KV= 94.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V3A	***DURING***	75.0	.421KV= 91.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V3A	***AFTER****	75.0	.433KV= 94.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
S77A	***PRIOR****	3.4	.436KV= 94.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S77A	***DURING***	3.4	.423KV= 91.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S77A	***AFTER****	3.4	.435KV= 94.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
S78A	***PRIOR****	3.4	.436KV= 94.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S78A	***DURING***	3.4	.423KV= 92.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S78A	***AFTER****	3.4	.435KV= 94.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
S75A	***PRIOR****	5.0	.435KV=	94.5% OF	.460 KV	*	WARNING WARNING	WARNING	*
S75A	***DURING***	5.0	.422KV=	91.6% OF	.460 KV	*	WARNING WARNING	WARNING	*
S75A	***AFTER****	5.0	.433KV=	94.2% OF	.460 KV	*	WARNING WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
NS74A	***PRIOR****	50.5	.435KV=	94.5% OF	.460 KV	*	WARNING WARNING	WARNING	*
NS74A	***DURING***	50.5	.421KV=	91.6% OF	.460 KV	*	WARNING WARNING	WARNING	*
NS74A	***AFTER****	50.5	.433KV=	94.2% OF	.460 KV	*	WARNING WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
E16B/17	***PRIOR****	34.0	.425KV=	92.4% OF	.460 KV	*	WARNING WARNING	WARNING	*
E16B/17	***DURING***	34.0	.411KV=	89.4% OF	.460 KV	*	WARNING WARNING	WARNING	*
E16B/17	***AFTER****	34.0	.423KV=	92.1% OF	.460 KV	*	WARNING WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
V8A	***PRIOR****	40.0	.435KV=	94.6% OF	.460 KV	*	WARNING WARNING	WARNING	*
V8A	***DURING***	40.0	.422KV=	91.7% OF	.460 KV	*	WARNING WARNING	WARNING	*
V8A	***AFTER****	40.0	.434KV=	94.3% OF	.460 KV	*	WARNING WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
V10	***PRIOR****	10.0	.427KV=	92.8% OF	.460 KV	*	WARNING WARNING	WARNING	*
V10	***DURING***	10.0	.413KV=	89.9% OF	.460 KV	*	WARNING WARNING	WARNING	*
V10	***AFTER****	10.0	.426KV=	92.5% OF	.460 KV	*	WARNING WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
V29A	***PRIOR****	1.0	.437KV=	95.1% OF	.460 KV	*	WARNING WARNING	WARNING	*
V29A	***DURING***	1.0	.424KV=	92.2% OF	.460 KV	*	WARNING WARNING	WARNING	*
V29A	***AFTER****	1.0	.436KV=	94.8% OF	.460 KV	*	WARNING WARNING	WARNING	*

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VOLTAGE DROP ANALYSIS CASE #= 9

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

	HP						
V76/232***PRIOR****	36.0	.432KV= 93.9% OF	.460 KV	*	WARNING	WARNING	WARNING *
V76/232***DURING***	36.0	.418KV= 91.0% OF	.460 KV	*	WARNING	WARNING	WARNING *
V76/232***AFTER****	36.0	.430KV= 93.5% OF	.460 KV	*	WARNING	WARNING	WARNING *

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B50	***PRIOR****	.439KV= 89.1% OF	.492KV	122.8	60.2	.0	.0
4B50	***DURING***	.426KV= 86.4% OF	.492KV	122.8	60.2	.0	.0
4B50	***AFTER****	.437KV= 88.8% OF	.492KV	122.8	60.2	.0	.0

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

	HP						
4P201C ***PRIOR****	150.0	.433KV= 94.2% OF	.460 KV	*	WARNING	WARNING	WARNING *
4P201C ***DURING***	150.0	.420KV= 91.3% OF	.460 KV	*	WARNING	WARNING	WARNING *
4P201C ***AFTER****	150.0	.432KV= 93.8% OF	.460 KV	*	WARNING	WARNING	WARNING *

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B51	***PRIOR****	.446KV= 90.5% OF	.493KV	131.5	81.4	.9	.0
4B51	***DURING***	.361KV= 73.2% OF	.493KV	131.5	81.4	.6	.0
4B51	***AFTER****	.438KV= 88.8% OF	.493KV	131.5	81.4	.8	.0

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

	HP						
4P244A ***PRIOR****	1.0	.446KV= 96.9% OF	.460 KV	*	WARNING	WARNING	WARNING *
4P244A ***DURING***	1.0	.361KV= 78.4% OF	.460 KV	*	WARNING	WARNING	WARNING *
4P244A ***AFTER****	1.0	.437KV= 95.1% OF	.460 KV	*	WARNING	WARNING	WARNING *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

	HP						
4V63A ***PRIOR****	2.0	.446KV= 96.9% OF	.460 KV	*	WARNING	WARNING	WARNING *
4V63A ***DURING***	2.0	.361KV= 78.4% OF	.460 KV	*	WARNING	WARNING	WARNING *
4V63A ***AFTER****	2.0	.437KV= 95.1% OF	.460 KV	*	WARNING	WARNING	WARNING *

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4V70A	***PRIOR****	.5	.446KV= 96.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V70A	***DURING***	.5	.361KV= 78.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V70A	***AFTER****	.5	.438KV= 95.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4V65A	***PRIOR****	2.0	.446KV= 96.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V65A	***DURING***	2.0	.360KV= 78.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V65A	***AFTER****	2.0	.437KV= 95.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4V67A	***PRIOR****	40.0	.445KV= 96.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V67A	***DURING***	40.0	.360KV= 78.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V67A	***AFTER****	40.0	.437KV= 94.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4V64A	***PRIOR****	3.0	.446KV= 96.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V64A	***DURING***	3.0	.361KV= 78.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V64A	***AFTER****	3.0	.437KV= 95.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4P241A	***PRIOR****	1.0	.446KV= 96.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4P241A	***DURING***	1.0	.360KV= 78.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4P241A	***AFTER****	1.0	.437KV= 95.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4S226A	***PRIOR****	15.0	.444KV= 96.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4S226A	***DURING***	15.0	.358KV= 77.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4S226A	***AFTER****	15.0	.435KV= 94.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4V68A	***PRIOR****	40.0	.445KV= 96.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V68A	***DURING***	40.0	.360KV= 78.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V68A	***AFTER****	40.0	.437KV= 94.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4P245A	***PRIOR****	.8	.446KV= 96.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4P245A	***DURING***	.8	.361KV= 78.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4P245A	***AFTER****	.8	.437KV= 95.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4V69A	***PRIOR****	40.0	.445KV= 96.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V69A	***DURING***	40.0	.359KV= 78.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V69A	***AFTER****	40.0	.437KV= 94.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4S231A	***PRIOR****	9.5	.445KV= 96.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4S231A	***DURING***	9.5	.359KV= 78.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4S231A	***AFTER****	9.5	.436KV= 94.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4S230	***PRIOR****	7.0	.444KV= 96.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4S230	***DURING***	7.0	.359KV= 78.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4S230	***AFTER****	7.0	.436KV= 94.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4AB2	***PRIOR****	3.906KV= 93.9% OF	4.160KV	5770.1	3260.2	.0	.0
4AB2	***DURING***	3.801KV= 91.4% OF	4.160KV	5770.1	3260.2	.0	.0
4AB2	***AFTER****	3.895KV= 93.6% OF	4.160KV	5770.1	3260.2	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B02	***PRIOR****	.455KV= 92.3% OF	.493KV	206.9	113.0	.0	.0
4B02	***DURING***	.442KV= 89.7% OF	.493KV	206.9	113.0	.0	.0
4B02	***AFTER****	.454KV= 92.0% OF	.493KV	206.9	113.0	.0	.0

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4V1D	***PRIOR****	100.0	.441KV= 95.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V1D	***DURING***	100.0	.428KV= 93.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V1D	***AFTER****	100.0	.439KV= 95.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B04	***PRIOR****	.445KV= 90.3% OF	.492KV	260.8	131.2	.0	.0
4B04	***DURING***	.432KV= 87.6% OF	.492KV	260.8	131.2	.0	.0
4B04	***AFTER****	.443KV= 90.0% OF	.492KV	260.8	131.2	.0	.0

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4P214B	***PRIOR****	250.0	.440KV= 95.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4P214B	***DURING***	250.0	.426KV= 92.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4P214B	***AFTER****	250.0	.438KV= 95.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4S7B	***PRIOR****	75.0	.442KV= 96.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4S7B	***DURING***	75.0	.429KV= 93.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4S7B	***AFTER****	75.0	.441KV= 95.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B06	***PRIOR****	.452KV= 91.8% OF	.493KV	191.2	117.4	31.1	.0
4B06	***DURING***	.440KV= 89.2% OF	.493KV	191.2	117.4	29.3	.0
4B06	***AFTER****	.451KV= 91.5% OF	.493KV	191.2	117.4	30.9	.0

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4V19B	***PRIOR****	15.0	.440KV= 95.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V19B	***DURING***	15.0	.427KV= 92.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V19B	***AFTER****	15.0	.439KV= 95.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4V30C	***PRIOR****	30.0	.439KV= 95.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V30C	***DURING***	30.0	.426KV= 92.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V30C	***AFTER****	30.0	.438KV= 95.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B52	***PRIOR****	.437KV= 88.7% OF	.492KV	125.8	77.9	.8	.0
4B52	***DURING***	.424KV= 86.0% OF	.492KV	125.8	77.9	.8	.0
4B52	***AFTER****	.435KV= 88.4% OF	.492KV	125.8	77.9	.8	.0

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4P244B	***PRIOR****	1.0	.437KV= 94.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4P244B	***DURING***	1.0	.423KV= 92.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4P244B	***AFTER****	1.0	.435KV= 94.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4V63B	***PRIOR****	2.0	.437KV= 94.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V63B	***DURING***	2.0	.423KV= 92.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V63B	***AFTER****	2.0	.435KV= 94.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4V70B	***PRIOR****	.5	.437KV= 95.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V70B	***DURING***	.5	.424KV= 92.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V70B	***AFTER****	.5	.435KV= 94.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
4V65B  ***PRIOR****      2.0      .437KV= 94.9% OF    .460 KV      *  WARNING WARNING  WARNING  *
4V65B  ***DURING***      2.0      .423KV= 92.1% OF    .460 KV      *  WARNING WARNING  WARNING  *
4V65B  ***AFTER****      2.0      .435KV= 94.6% OF    .460 KV      *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
4V67B  ***PRIOR****     40.0      .436KV= 94.8% OF    .460 KV      *  WARNING WARNING  WARNING  *
4V67B  ***DURING***     40.0      .423KV= 91.9% OF    .460 KV      *  WARNING WARNING  WARNING  *
4V67B  ***AFTER****     40.0      .435KV= 94.5% OF    .460 KV      *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
4V64B  ***PRIOR****      3.0      .437KV= 94.9% OF    .460 KV      *  WARNING WARNING  WARNING  *
4V64B  ***DURING***      3.0      .424KV= 92.1% OF    .460 KV      *  WARNING WARNING  WARNING  *
4V64B  ***AFTER****      3.0      .435KV= 94.6% OF    .460 KV      *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
4P241B ***PRIOR****      1.0      .436KV= 94.9% OF    .460 KV      *  WARNING WARNING  WARNING  *
4P241B ***DURING***      1.0      .423KV= 92.0% OF    .460 KV      *  WARNING WARNING  WARNING  *
4P241B ***AFTER****      1.0      .435KV= 94.6% OF    .460 KV      *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
4S226B ***PRIOR****     15.0      .435KV= 94.7% OF    .460 KV      *  WARNING WARNING  WARNING  *
4S226B ***DURING***     15.0      .422KV= 91.8% OF    .460 KV      *  WARNING WARNING  WARNING  *
4S226B ***AFTER****     15.0      .434KV= 94.3% OF    .460 KV      *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
4V68B  ***PRIOR****     40.0      .436KV= 94.8% OF    .460 KV      *  WARNING WARNING  WARNING  *
4V68B  ***DURING***     40.0      .423KV= 91.9% OF    .460 KV      *  WARNING WARNING  WARNING  *
4V68B  ***AFTER****     40.0      .434KV= 94.5% OF    .460 KV      *  WARNING WARNING  WARNING  *
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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4P245B	***PRIOR****	.8	.437KV= 94.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4P245B	***DURING***	.8	.424KV= 92.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4P245B	***AFTER****	.8	.435KV= 94.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4V69B	***PRIOR****	40.0	.436KV= 94.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V69B	***DURING***	40.0	.423KV= 91.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V69B	***AFTER****	40.0	.434KV= 94.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4S231B	***PRIOR****	9.5	.435KV= 94.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4S231B	***DURING***	9.5	.422KV= 91.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4S231B	***AFTER****	9.5	.434KV= 94.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B53	***PRIOR****	.453KV= 91.9% OF	.493KV	14.6	9.0	24.1	.0
4B53	***DURING***	.370KV= 75.0% OF	.493KV	14.6	9.0	16.0	.0
4B53	***AFTER****	.445KV= 90.2% OF	.493KV	14.6	9.0	23.2	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B54	***PRIOR****	.444KV= 90.2% OF	.492KV	14.6	9.0	23.1	.0
4B54	***DURING***	.431KV= 87.6% OF	.492KV	14.6	9.0	21.8	.0
4B54	***AFTER****	.443KV= 90.0% OF	.492KV	14.6	9.0	23.0	.0

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NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
2BUS114	***PRIOR****	233.975KV=100.4% OF233.000KV	.0	.0	.0	.0
2BUS114	***DURING***	232.211KV= 99.7% OF233.000KV	.0	.0	.0	.0
2BUS114	***AFTER****	233.748KV=100.3% OF233.000KV	.0	.0	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4AA1	***PRIOR****	4.025KV= 96.7% OF 4.160KV	4109.3	2559.5	.0	.0
4AA1	***DURING***	3.931KV= 94.5% OF 4.160KV	4109.3	2559.5	.0	.0
4AA1	***AFTER****	4.013KV= 96.5% OF 4.160KV	4109.3	2559.5	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4AB1	***PRIOR****	4.015KV= 96.5% OF 4.160KV	4111.1	2563.0	.0	.0
4AB1	***DURING***	3.397KV= 81.6% OF 4.160KV	9277.0	27533.6	.0	.0
4AB1	***AFTER****	3.941KV= 94.7% OF 4.160KV	8982.9	5598.0	.0	.0

STARTING MOTOR NAME		HP		
4P200B	***PRIOR****	.0	.000KV= .0% OF 4.000 KV	* MOTOR NOT STARTED YET *
4P200B	***DURING***	6000.0	3.320KV= 83.0% OF 4.000 KV	
4P200B	***AFTER****	6000.0	3.930KV= 98.2% OF 4.000 KV	

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4AA2	***PRIOR****	3.983KV= 95.7% OF 4.160KV	5770.5	3260.7	.0	.0
4AA2	***DURING***	3.888KV= 93.5% OF 4.160KV	5770.5	3260.7	.0	.0
4AA2	***AFTER****	3.971KV= 95.5% OF 4.160KV	5770.5	3260.7	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4AD	***PRIOR****	3.964KV= 95.3% OF 4.160KV	626.9	409.2	.0	.0
4AD	***DURING***	3.335KV= 80.2% OF 4.160KV	626.9	409.2	.0	.0
4AD	***AFTER****	3.889KV= 93.5% OF 4.160KV	626.9	409.2	.0	.0

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NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B01	***PRIOR****	.454KV= 92.1% OF	.493KV	445.6	231.0	.0	.0
4B01	***DURING***	.443KV= 89.8% OF	.493KV	445.6	231.0	.0	.0
4B01	***AFTER****	.453KV= 91.8% OF	.493KV	445.6	231.0	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B03	***PRIOR****	.466KV= 94.5% OF	.493KV	83.0	51.6	280.7	2.5
4B03	***DURING***	.454KV= 92.2% OF	.493KV	83.0	51.6	267.2	2.4
4B03	***AFTER****	.464KV= 94.2% OF	.493KV	83.0	51.6	279.0	2.5

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B05V	***PRIOR****	.453KV= 91.8% OF	.493KV	169.6	104.7	.9	.0
4B05V	***DURING***	.441KV= 89.4% OF	.493KV	169.6	104.7	.8	.0
4B05V	***AFTER****	.451KV= 91.5% OF	.493KV	169.6	104.7	.9	.0

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP			
4V30B	***PRIOR****	30.0	.437KV= 95.0% OF	.460 KV	* WARNING WARNING WARNING *
4V30B	***DURING***	30.0	.425KV= 92.3% OF	.460 KV	* WARNING WARNING WARNING *
4V30B	***AFTER****	30.0	.435KV= 94.6% OF	.460 KV	* WARNING WARNING WARNING *

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B05N	***PRIOR****	.451KV= 91.5% OF	.493KV	62.8	40.1	232.2	.0
4B05N	***DURING***	.439KV= 89.1% OF	.493KV	62.8	40.1	220.4	.0
4B05N	***AFTER****	.450KV= 91.2% OF	.493KV	62.8	40.1	230.7	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B07	***PRIOR****	.463KV= 93.8% OF	.493KV	172.8	106.8	1.9	.0
4B07	***DURING***	.451KV= 91.5% OF	.493KV	172.8	106.8	1.8	.0
4B07	***AFTER****	.461KV= 93.5% OF	.493KV	172.8	106.8	1.8	.0

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NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B08	***PRIOR****	.446KV= 90.5% OF	.492KV		318.5	196.2	38.5	.0
4B08	***DURING***	.366KV= 74.3% OF	.492KV		318.5	196.2	26.0	.0
4B08	***AFTER****	.436KV= 88.6% OF	.492KV		318.5	196.2	36.9	.0

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4V1B	***PRIOR****	100.0	.443KV= 96.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V1B	***DURING***	100.0	.362KV= 78.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V1B	***AFTER****	100.0	.433KV= 94.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4V30A	***PRIOR****	30.0	.442KV= 96.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V30A	***DURING***	30.0	.361KV= 78.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V30A	***AFTER****	30.0	.433KV= 94.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4V3A	***PRIOR****	75.0	.442KV= 96.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V3A	***DURING***	75.0	.361KV= 78.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V3A	***AFTER****	75.0	.433KV= 94.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
S77A	***PRIOR****	3.4	.444KV= 96.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S77A	***DURING***	3.4	.364KV= 79.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S77A	***AFTER****	3.4	.435KV= 94.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
S78A	***PRIOR****	3.4	.444KV= 96.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S78A	***DURING***	3.4	.364KV= 79.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S78A	***AFTER****	3.4	.435KV= 94.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
S75A	***PRIOR****	5.0	.443KV= 96.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S75A	***DURING***	5.0	.362KV= 78.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S75A	***AFTER****	5.0	.433KV= 94.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
NS74A	***PRIOR****	50.5	.442KV= 96.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*
NS74A	***DURING***	50.5	.362KV= 78.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*
NS74A	***AFTER****	50.5	.433KV= 94.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
E16B/17	***PRIOR****	34.0	.433KV= 94.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*
E16B/17	***DURING***	34.0	.350KV= 76.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*
E16B/17	***AFTER****	34.0	.423KV= 92.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
V8A	***PRIOR****	40.0	.443KV= 96.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*
V8A	***DURING***	40.0	.363KV= 78.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*
V8A	***AFTER****	40.0	.434KV= 94.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
V10	***PRIOR****	10.0	.435KV= 94.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*
V10	***DURING***	10.0	.353KV= 76.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*
V10	***AFTER****	10.0	.425KV= 92.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
V29A	***PRIOR****	1.0	.445KV= 96.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*
V29A	***DURING***	1.0	.365KV= 79.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*
V29A	***AFTER****	1.0	.436KV= 94.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
V76/232	***PRIOR****	36.0	.440KV= 95.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*
V76/232	***DURING***	36.0	.359KV= 78.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*
V76/232	***AFTER****	36.0	.430KV= 93.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B50	***PRIOR****	.447KV= 90.7% OF	.492KV	122.8	60.2	.0	.0
4B50	***DURING***	.367KV= 74.5% OF	.492KV	122.8	60.2	.0	.0
4B50	***AFTER****	.437KV= 88.8% OF	.492KV	122.8	60.2	.0	.0

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4P201C	***PRIOR****	150.0	.441KV= 95.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4P201C	***DURING***	150.0	.360KV= 78.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4P201C	***AFTER****	150.0	.432KV= 93.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B51	***PRIOR****	.447KV= 90.7% OF	.493KV	131.5	81.4	.9	.0
4B51	***DURING***	.435KV= 88.3% OF	.493KV	131.5	81.4	.8	.0
4B51	***AFTER****	.446KV= 90.4% OF	.493KV	131.5	81.4	.9	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4AB2	***PRIOR****	3.969KV= 95.4% OF	4.160KV	5770.1	3260.2	.0	.0
4AB2	***DURING***	3.341KV= 80.3% OF	4.160KV	5770.1	3260.2	.0	.0
4AB2	***AFTER****	3.894KV= 93.6% OF	4.160KV	5770.1	3260.2	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B02	***PRIOR****	.462KV= 93.8% OF	.493KV	206.9	113.0	.0	.0
4B02	***DURING***	.386KV= 78.4% OF	.493KV	206.9	113.0	.0	.0
4B02	***AFTER****	.453KV= 92.0% OF	.493KV	206.9	113.0	.0	.0

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4P201B	***PRIOR****	150.0	.452KV= 98.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4P201B	***DURING***	150.0	.374KV= 81.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4P201B	***AFTER****	150.0	.443KV= 96.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4V1D	***PRIOR****	100.0	.449KV= 97.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V1D	***DURING***	100.0	.370KV= 80.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V1D	***AFTER****	100.0	.439KV= 95.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B04	***PRIOR****	.452KV= 91.9% OF	.492KV	260.8	131.2	.0	.0
4B04	***DURING***	.374KV= 75.9% OF	.492KV	260.8	131.2	.0	.0
4B04	***AFTER****	.443KV= 90.0% OF	.492KV	260.8	131.2	.0	.0

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4P214B	***PRIOR****	250.0	.447KV= 97.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4P214B	***DURING***	250.0	.368KV= 80.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4P214B	***AFTER****	250.0	.438KV= 95.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4S7B	***PRIOR****	75.0	.450KV= 97.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4S7B	***DURING***	75.0	.371KV= 80.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4S7B	***AFTER****	75.0	.441KV= 95.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B06	***PRIOR****	.460KV= 93.3% OF	.493KV	191.2	117.4	32.1	.0
4B06	***DURING***	.384KV= 77.8% OF	.493KV	191.2	117.4	22.3	.0
4B06	***AFTER****	.451KV= 91.5% OF	.493KV	191.2	117.4	30.9	.0

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4V19B	***PRIOR****	15.0	.448KV= 97.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V19B	***DURING***	15.0	.369KV= 80.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V19B	***AFTER****	15.0	.439KV= 95.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4V2B	***PRIOR****	60.0	.451KV= 98.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V2B	***DURING***	60.0	.373KV= 81.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V2B	***AFTER****	60.0	.442KV= 96.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4V30C	***PRIOR****	30.0	.447KV= 97.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V30C	***DURING***	30.0	.368KV= 80.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V30C	***AFTER****	30.0	.438KV= 95.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4V3C	***PRIOR****	75.0	.452KV= 98.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V3C	***DURING***	75.0	.374KV= 81.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V3C	***AFTER****	75.0	.443KV= 96.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B52	***PRIOR****	.445KV= 90.3% OF	.492KV	125.8	77.9	.9	.0
4B52	***DURING***	.365KV= 74.1% OF	.492KV	125.8	77.9	.6	.0
4B52	***AFTER****	.435KV= 88.4% OF	.492KV	125.8	77.9	.8	.0

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4P244B	***PRIOR****	1.0	.445KV= 96.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4P244B	***DURING***	1.0	.364KV= 79.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4P244B	***AFTER****	1.0	.435KV= 94.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4V63B	***PRIOR****	2.0	.445KV= 96.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V63B	***DURING***	2.0	.364KV= 79.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V63B	***AFTER****	2.0	.435KV= 94.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4V70B	***PRIOR****	.5	.445KV= 96.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V70B	***DURING***	.5	.365KV= 79.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V70B	***AFTER****	.5	.435KV= 94.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4V65B	***PRIOR****	2.0	.445KV= 96.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V65B	***DURING***	2.0	.364KV= 79.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V65B	***AFTER****	2.0	.435KV= 94.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4V67B	***PRIOR****	40.0	.444KV= 96.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V67B	***DURING***	40.0	.364KV= 79.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V67B	***AFTER****	40.0	.435KV= 94.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4V64B	***PRIOR****	3.0	.445KV= 96.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V64B	***DURING***	3.0	.364KV= 79.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V64B	***AFTER****	3.0	.435KV= 94.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4P241B	***PRIOR****	1.0	.444KV= 96.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4P241B	***DURING***	1.0	.364KV= 79.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4P241B	***AFTER****	1.0	.435KV= 94.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4S226B	***PRIOR****	15.0	.443KV= 96.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4S226B	***DURING***	15.0	.363KV= 78.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4S226B	***AFTER****	15.0	.434KV= 94.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4V68B	***PRIOR****	40.0	.444KV= 96.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V68B	***DURING***	40.0	.364KV= 79.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V68B	***AFTER****	40.0	.434KV= 94.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4P245B	***PRIOR****	.8	.445KV= 96.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4P245B	***DURING***	.8	.365KV= 79.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4P245B	***AFTER****	.8	.435KV= 94.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4V69B	***PRIOR****	40.0	.444KV= 96.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V69B	***DURING***	40.0	.363KV= 79.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V69B	***AFTER****	40.0	.434KV= 94.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4S231B	***PRIOR****	9.5	.443KV= 96.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4S231B	***DURING***	9.5	.363KV= 78.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4S231B	***AFTER****	9.5	.434KV= 94.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B53	***PRIOR****	.454KV= 92.2% OF	.493KV	14.6	9.0	24.2	.0
4B53	***DURING***	.443KV= 89.8% OF	.493KV	14.6	9.0	23.0	.0
4B53	***AFTER****	.453KV= 91.9% OF	.493KV	14.6	9.0	24.0	.0

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NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B54	***PRIOR****	.452KV= 91.8% OF	.492KV	14.6	9.0	24.0	.0
4B54	***DURING***	.374KV= 75.9% OF	.492KV	14.6	9.0	16.4	.0
4B54	***AFTER****	.443KV= 89.9% OF	.492KV	14.6	9.0	23.0	.0

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NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
2BUS114	***PRIOR****	233.822KV=100.4% OF233.000KV	.0	.0	.0	.0
2BUS114	***DURING***	233.673KV=100.3% OF233.000KV	.0	.0	.0	.0
2BUS114	***AFTER****	233.803KV=100.3% OF233.000KV	.0	.0	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4AA1	***PRIOR****	4.021KV= 96.7% OF 4.160KV	4109.3	2559.5	.0	.0
4AA1	***DURING***	3.992KV= 96.0% OF 4.160KV	4109.3	2559.5	.0	.0
4AA1	***AFTER****	4.018KV= 96.6% OF 4.160KV	4109.3	2559.5	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4AB1	***PRIOR****	3.960KV= 95.2% OF 4.160KV	8219.6	5120.4	.0	.0
4AB1	***DURING***	3.930KV= 94.5% OF 4.160KV	8219.6	5120.4	.0	.0
4AB1	***AFTER****	3.957KV= 95.1% OF 4.160KV	8219.6	5120.4	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4AA2	***PRIOR****	3.982KV= 95.7% OF 4.160KV	5770.5	3260.7	.0	.0
4AA2	***DURING***	3.940KV= 94.7% OF 4.160KV	5770.5	3260.7	.0	.0
4AA2	***AFTER****	3.978KV= 95.6% OF 4.160KV	5770.5	3260.7	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4AD	***PRIOR****	3.911KV= 94.0% OF 4.160KV	626.9	409.2	.0	.0
4AD	***DURING***	3.868KV= 93.0% OF 4.160KV	626.9	409.2	.0	.0
4AD	***AFTER****	3.906KV= 93.9% OF 4.160KV	626.9	409.2	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B01	***PRIOR****	.460KV= 93.3% OF .493KV	245.7	137.3	.0	.0
4B01	***DURING***	.420KV= 85.1% OF .493KV	435.0	1193.4	.0	.0
4B01	***AFTER****	.456KV= 92.4% OF .493KV	445.6	231.0	.0	.0

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STARTING MOTOR NAME		HP				
4P214A	***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *	
4P214A	***DURING***	250.0	.379KV= 82.5% OF	.460 KV		
4P214A	***AFTER****	250.0	.450KV= 97.8% OF	.460 KV		

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B03	***PRIOR****	.467KV= 94.8% OF	.493KV	83.0	51.6	282.7	2.5
4B03	***DURING***	.462KV= 93.8% OF	.493KV	83.0	51.6	276.7	2.5
4B03	***AFTER****	.467KV= 94.7% OF	.493KV	83.0	51.6	282.1	2.5

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B05V	***PRIOR****	.459KV= 93.1% OF	.493KV	87.0	53.4	.9	.0
4B05V	***DURING***	.419KV= 84.9% OF	.493KV	87.0	53.4	.8	.0
4B05V	***AFTER****	.455KV= 92.3% OF	.493KV	87.0	53.4	.9	.0

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP			
4V30B	***PRIOR****	30.0	.443KV= 96.4% OF	.460 KV	* WARNING WARNING WARNING *
4V30B	***DURING***	30.0	.402KV= 87.3% OF	.460 KV	* WARNING WARNING WARNING *
4V30B	***AFTER****	30.0	.439KV= 95.5% OF	.460 KV	* WARNING WARNING WARNING *

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B05N	***PRIOR****	.456KV= 92.6% OF	.493KV	62.8	40.1	237.8	.0
4B05N	***DURING***	.416KV= 84.4% OF	.493KV	62.8	40.1	197.9	.0
4B05N	***AFTER****	.452KV= 91.7% OF	.493KV	62.8	40.1	233.5	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B07	***PRIOR****	.466KV= 94.5% OF	.493KV	91.1	56.2	1.9	.0
4B07	***DURING***	.461KV= 93.5% OF	.493KV	91.1	56.2	1.8	.0
4B07	***AFTER****	.465KV= 94.4% OF	.493KV	91.1	56.2	1.9	.0

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NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B08	***PRIOR****	.446KV= 90.6% OF	.492KV		236.8	145.6	38.6	.0
4B08	***DURING***	.405KV= 82.3% OF	.492KV		236.8	145.6	31.8	.0
4B08	***AFTER****	.442KV= 89.7% OF	.492KV		236.8	145.6	37.8	.0

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP						
4V30A	***PRIOR****	30.0	.442KV= 96.2% OF	.460 KV	*	WARNING	WARNING	WARNING *
4V30A	***DURING***	30.0	.401KV= 87.2% OF	.460 KV	*	WARNING	WARNING	WARNING *
4V30A	***AFTER****	30.0	.438KV= 95.3% OF	.460 KV	*	WARNING	WARNING	WARNING *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP						
4V3A	***PRIOR****	75.0	.442KV= 96.2% OF	.460 KV	*	WARNING	WARNING	WARNING *
4V3A	***DURING***	75.0	.401KV= 87.2% OF	.460 KV	*	WARNING	WARNING	WARNING *
4V3A	***AFTER****	75.0	.438KV= 95.2% OF	.460 KV	*	WARNING	WARNING	WARNING *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP						
S77A	***PRIOR****	3.4	.444KV= 96.6% OF	.460 KV	*	WARNING	WARNING	WARNING *
S77A	***DURING***	3.4	.403KV= 87.7% OF	.460 KV	*	WARNING	WARNING	WARNING *
S77A	***AFTER****	3.4	.440KV= 95.7% OF	.460 KV	*	WARNING	WARNING	WARNING *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP						
S78A	***PRIOR****	3.4	.445KV= 96.6% OF	.460 KV	*	WARNING	WARNING	WARNING *
S78A	***DURING***	3.4	.403KV= 87.7% OF	.460 KV	*	WARNING	WARNING	WARNING *
S78A	***AFTER****	3.4	.440KV= 95.7% OF	.460 KV	*	WARNING	WARNING	WARNING *

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
S75A	***PRIOR****	5.0	.443KV=	96.3% OF	.460 KV	*	WARNING	WARNING	WARNING *
S75A	***DURING***	5.0	.402KV=	87.4% OF	.460 KV	*	WARNING	WARNING	WARNING *
S75A	***AFTER****	5.0	.439KV=	95.4% OF	.460 KV	*	WARNING	WARNING	WARNING *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
NS74A	***PRIOR****	50.5	.443KV=	96.3% OF	.460 KV	*	WARNING	WARNING	WARNING *
NS74A	***DURING***	50.5	.402KV=	87.3% OF	.460 KV	*	WARNING	WARNING	WARNING *
NS74A	***AFTER****	50.5	.439KV=	95.3% OF	.460 KV	*	WARNING	WARNING	WARNING *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
E16B/17	***PRIOR****	34.0	.433KV=	94.2% OF	.460 KV	*	WARNING	WARNING	WARNING *
E16B/17	***DURING***	34.0	.391KV=	85.0% OF	.460 KV	*	WARNING	WARNING	WARNING *
E16B/17	***AFTER****	34.0	.429KV=	93.3% OF	.460 KV	*	WARNING	WARNING	WARNING *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
V8A	***PRIOR****	40.0	.443KV=	96.4% OF	.460 KV	*	WARNING	WARNING	WARNING *
V8A	***DURING***	40.0	.402KV=	87.4% OF	.460 KV	*	WARNING	WARNING	WARNING *
V8A	***AFTER****	40.0	.439KV=	95.4% OF	.460 KV	*	WARNING	WARNING	WARNING *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
V10	***PRIOR****	10.0	.435KV=	94.7% OF	.460 KV	*	WARNING	WARNING	WARNING *
V10	***DURING***	10.0	.393KV=	85.5% OF	.460 KV	*	WARNING	WARNING	WARNING *
V10	***AFTER****	10.0	.431KV=	93.7% OF	.460 KV	*	WARNING	WARNING	WARNING *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
V29A	***PRIOR****	1.0	.446KV=	96.9% OF	.460 KV	*	WARNING	WARNING	WARNING *
V29A	***DURING***	1.0	.405KV=	88.0% OF	.460 KV	*	WARNING	WARNING	WARNING *
V29A	***AFTER****	1.0	.441KV=	95.9% OF	.460 KV	*	WARNING	WARNING	WARNING *

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

	HP							
V76/232***PRIOR****	36.0	.440KV= 95.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*
V76/232***DURING***	36.0	.399KV= 86.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*
V76/232***AFTER****	36.0	.436KV= 94.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B50	***PRIOR****	.447KV= 90.7% OF	.492KV	122.8	60.2	.0	.0
4B50	***DURING***	.406KV= 82.4% OF	.492KV	122.8	60.2	.0	.0
4B50	***AFTER****	.443KV= 89.9% OF	.492KV	122.8	60.2	.0	.0

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

	HP							
4P201C ***PRIOR****	150.0	.441KV= 95.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4P201C ***DURING***	150.0	.400KV= 86.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4P201C ***AFTER****	150.0	.437KV= 95.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B51	***PRIOR****	.453KV= 91.8% OF	.493KV	131.5	81.4	.9	.0
4B51	***DURING***	.412KV= 83.5% OF	.493KV	131.5	81.4	.7	.0
4B51	***AFTER****	.449KV= 91.0% OF	.493KV	131.5	81.4	.9	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4AB2	***PRIOR****	3.916KV= 94.1% OF	4.160KV	5770.1	3260.2	.0	.0
4AB2	***DURING***	3.873KV= 93.1% OF	4.160KV	5770.1	3260.2	.0	.0
4AB2	***AFTER****	3.911KV= 94.0% OF	4.160KV	5770.1	3260.2	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B02	***PRIOR****	.458KV= 92.9% OF	.493KV	123.3	61.1	.0	.0
4B02	***DURING***	.453KV= 91.8% OF	.493KV	123.3	61.1	.0	.0
4B02	***AFTER****	.457KV= 92.8% OF	.493KV	123.3	61.1	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B04	***PRIOR****	.452KV= 91.7% OF	.492KV	61.1	38.0	.0	.0
4B04	***DURING***	.411KV= 83.5% OF	.492KV	242.1	1068.2	.0	.0
4B04	***AFTER****	.447KV= 90.8% OF	.492KV	260.8	131.2	.0	.0

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STARTING MOTOR NAME		HP				
4P214B	***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *	
4P214B	***DURING***	250.0	.378KV= 82.1% OF	.460 KV		
4P214B	***AFTER****	250.0	.442KV= 96.1% OF	.460 KV		

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B06	***PRIOR****	.455KV= 92.4% OF	.493KV	191.2	117.4	31.5	.0
4B06	***DURING***	.450KV= 91.3% OF	.493KV	191.2	117.4	30.7	.0
4B06	***AFTER****	.455KV= 92.2% OF	.493KV	191.2	117.4	31.4	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B52	***PRIOR****	.444KV= 90.1% OF	.492KV	125.8	77.9	.9	.0
4B52	***DURING***	.403KV= 81.8% OF	.492KV	125.8	77.9	.7	.0
4B52	***AFTER****	.440KV= 89.3% OF	.492KV	125.8	77.9	.8	.0

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP			
4P244B	***PRIOR****	1.0	.444KV= 96.5% OF	.460 KV	* WARNING WARNING WARNING *
4P244B	***DURING***	1.0	.402KV= 87.5% OF	.460 KV	* WARNING WARNING WARNING *
4P244B	***AFTER****	1.0	.439KV= 95.5% OF	.460 KV	* WARNING WARNING WARNING *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP			
4V63B	***PRIOR****	2.0	.444KV= 96.5% OF	.460 KV	* WARNING WARNING WARNING *
4V63B	***DURING***	2.0	.402KV= 87.5% OF	.460 KV	* WARNING WARNING WARNING *
4V63B	***AFTER****	2.0	.439KV= 95.5% OF	.460 KV	* WARNING WARNING WARNING *

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4V70B	***PRIOR****	.5	.444KV= 96.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V70B	***DURING***	.5	.403KV= 87.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V70B	***AFTER****	.5	.439KV= 95.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4V65B	***PRIOR****	2.0	.444KV= 96.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V65B	***DURING***	2.0	.402KV= 87.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V65B	***AFTER****	2.0	.439KV= 95.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4V67B	***PRIOR****	40.0	.443KV= 96.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V67B	***DURING***	40.0	.402KV= 87.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V67B	***AFTER****	40.0	.439KV= 95.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4V64B	***PRIOR****	3.0	.444KV= 96.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V64B	***DURING***	3.0	.402KV= 87.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V64B	***AFTER****	3.0	.439KV= 95.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4P241B	***PRIOR****	1.0	.443KV= 96.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4P241B	***DURING***	1.0	.402KV= 87.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4P241B	***AFTER****	1.0	.439KV= 95.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4S226B	***PRIOR****	15.0	.442KV= 96.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4S226B	***DURING***	15.0	.401KV= 87.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4S226B	***AFTER****	15.0	.438KV= 95.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4V68B	***PRIOR****	40.0	.443KV= 96.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V68B	***DURING***	40.0	.402KV= 87.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V68B	***AFTER****	40.0	.439KV= 95.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4P245B	***PRIOR****	.8	.444KV= 96.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4P245B	***DURING***	.8	.402KV= 87.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4P245B	***AFTER****	.8	.439KV= 95.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4V69B	***PRIOR****	40.0	.443KV= 96.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V69B	***DURING***	40.0	.402KV= 87.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V69B	***AFTER****	40.0	.439KV= 95.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4S231B	***PRIOR****	9.5	.442KV= 96.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4S231B	***DURING***	9.5	.401KV= 87.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4S231B	***AFTER****	9.5	.438KV= 95.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B53	***PRIOR****	.460KV= 93.3% OF	.493KV	14.6	9.0	24.8	.0
4B53	***DURING***	.420KV= 85.1% OF	.493KV	14.6	9.0	20.6	.0
4B53	***AFTER****	.456KV= 92.4% OF	.493KV	14.6	9.0	24.3	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B54	***PRIOR****	.451KV= 91.6% OF	.492KV	14.6	9.0	23.9	.0
4B54	***DURING***	.411KV= 83.4% OF	.492KV	14.6	9.0	19.8	.0
4B54	***AFTER****	.447KV= 90.8% OF	.492KV	14.6	9.0	23.4	.0

**********END OF JOB**********

JOB ID 3/06/91
VERIFICATION BY ..... WZ
PAGE 1 . 3/15/91

EBASCO SERVICES INCORPORATED
AUXSYS4078-12/31/89
ELECTRICAL AUXILIARY DESIGN

DATA VERIFICATION

```
         1         2         3         4         5         6         7         8
12345678901234567890123456789012345678901234567890123456789012345678901234567890
  FILE:  \AUXSYS\U3APP11.DAT
  STEADY STATE SET @ 96% AND STARTING @ 82% FOR SAFETY BUSES
  STEADY STATE SET @ 90% AND STARTING @ 80% FOR NON-SAFETY BUSES
  EBASCO SERVICES INC.
  TURKEY POINT UNIT No 3. ELECTRICAL AUXILIARY SYSTEM DESIGN
  AUX SYS FED THRU THE S/U TRF.PSB-1.
  BUS 3AA2 ALIGNED TO 3AD, BUS 3B50 ALIGNED TO 3B03
  SEQUENCED LOADING FOR CALCULATION EC-145, REV. 4
  (3/06/91)
*A 1-11   1  1    40.00   6.0   6.0 0.85 0.85 0.92 0.92 0.20 0.20
1   3AA1    350.0  4.76 80.00 42.45  4.16  1.10  3.00
1   3AA2    350.0  4.76 80.00 42.45  4.16  1.10  3.00
1   3AD     250.0  4.76 80.00 30.3   4.16  1.10  3.00
2   3B01     30.0  0.48  0.00
2   3B03     30.0  0.48  0.00
3   3B05V    25.0  0.48  0.00
3   3B05N    25.0  0.48  0.00
3   3B07     25.0  0.48  0.00
3   3B08V    25.0  0.48  0.00
1   3AB1    350.0  4.76 80.00 42.45  4.16  1.10  3.00
1   3AB2    350.0  4.76 80.00 42.45  4.16  1.10  3.00
2   3B02     30.0  0.48  0.00
2   3B04     30.0  0.48  0.00
3   3B06     25.0  0.48  0.00
3   B08N     25.0  0.48  0.00
2   3B50     30.0  0.48  0.00
3   3B52     25.0  0.48  0.00
3   3B53     25.0  0.48  0.00
3   3B54     25.0  0.48  0.00
9
  3AA1     96.0  82.0    30
1 3P1A    7000.0  4.0 6.49    0.0   1.0  0.90 0.959              1  .0036 .0080
6 3P1A    1 11111111211
7 7000.0
1 3P200A  6000.0  4.0 6.32    0.0   2.0         0.0              1  .0046 .0133
6 3P200A    00000000000   5061.0 5061.0 5061.0 5061.0 5061.0 5061.0 5061. 5061.0
7 5061.0 5061.0 5061.0
  3AA2     96.0  82.0    30
1 3P11A    400.0  4.0 5.09    0.0   2.0  0.85 0.938              1  .0360 .0317
6 3P11A     00000000000
7
1 3P210A   300.0  4.0 6.22    0.0   2.0  0.89 0.934              1  .0363 .0319
6 3P210A    12000000000
7
1 3P211A   450.0  4.0 4.74    0.0   2.0         0.0              1  .0374 .0329
6 3P211A    00000000000
7
1 3P215A   350.0  4.0 6.4     0.0   1.0  0.88  0.94              1  .0393 .0346
6 3P215A    12000000000
```

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         1         2         3         4         5         6         7         8
12345678901234567890123456789012345678901234567890123456789012345678901234567890
7
1 3P3A     800.0  4.0 5.94    0.0   2.0  0.89 0.944             1  .0340 .0299
6 3P3A      00000000000   700.00 700.00 700.00 700.00 700.00 700.00 700.0 700.00
7 700.00 700.00 700.00
1 3P6A    2250.0  4.0 7.06    0.0   2.0  0.90 0.958             1  .0029 .0037
6 3P6A      00000000000   2210.0 2210.0 2210.0 2210.0 2210.0 2210.0 2210. 2210.0
7 2210.0 2210.0 2210.0
1 3P7A    1250.0  4.0 4.57    0.0   2.0         0.0             1  .0276 .0360
6 3P7A      00000000000
7
1 3P7C    1250.0  4.0 4.57    0.0   2.0         0.0             1  .0278 .0363
6 3P7C      00000000000
7
1 3P9A     325.0  4.0 5.8     0.0   2.0  0.82 0.928             1  .0440 .0387
6 3P9A      00000000000
7
2 DG3A       3.0 4.16 1.000       .270  .405  1.534 30.00       0  .0032 .0107
6 DG3A    1 11111111111
7
  3AD      96.0  82.0    30
1 3P211C   450.0  4.0 4.74    0.0   2.0         0.0             1  .0382 .0336
6 3P211C    00000000000
7
1 3P9C     325.0  4.0 5.8     0.0   2.0  0.82 0.928  0.00       1  .0298 .0262
6 3P9C      00000000000
7
  3B01     96.0  82.0    30
1 3P201A   150.0 .460 5.800   0.0   2.0  0.90  .925             1  .0254 .0275
6 3P201A    00000000000
7
1 3P214A   250.0 .460 6.540   0.0   1.0  0.905 0.94 .15         1  .0065 .0150
6 3P214A    11200000002
7
1 3S6A     150.0 .460 6.05    0.0   2.0         0.0             1  .0240 .0260
6 3S6A      00000000000
7
4 PH3B12   150.0 .480 1.000   0.0   0.0         0.0                .0079 .0115
6 PH3B12    11111111111
7
  3B03     96.0  82.0    30
1 3P212    100.0 .460         0.0   2.0         0.0             1  .0346 .0235
6 3P212     00000000000
7
1 3P32     200.0 .460         0.0   2.0         0.0             1  .0108 .0217
6 3P32    1 11111111111
7
1 P398     250.0 .460 6.490   0.0   2.0  0.89 0.928             1  .0184 .0405
6 P398    1 11111111111
7
4 PH3X09   225.0 .480 1.000   0.0   0.0         0.0                .0052 .0075
```

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```
         1         2         3         4         5         6         7         8
12345678901234567890123456789012345678901234567890123456789012345678901234567890
6 PH3X09     00000000000
7
  3B05V     96.0  82.0    30
1 3C2A        5.0 .460          0.0   2.0         0.0              1  .5366 .0117
6 3C2A       20000000000
7
1 3P10       0.75 .460          0.0   2.0         0.0              1  .5612 .0122
6 3P10       20000000000
7
1 3P31       40.0 .460          0.0   2.0         .902             1  .0577 .0138
6 3P31     1 11111111111
7
1 3P36       25.0 .460          0.0   2.0         0.0              1  .0646 .0071
6 3P36     1 11111111111
7
1 3P37       8.0  .460          0.0   2.0         0.0              1  .2437 .0053
6 3P37     1 11111111111
7
1 3P40       15.0 .460          0.0   2.0         0.0              1  .3847 .0122
6 3P40     1 11111111111
7
1 3T08       50.0 .460          0.0   2.0         0.0              1  .0162 .0061
6 3T08     1 11111111111
7
1 3V1A      100.0 .460 7.75     0.0   2.0         0.0              1  .0453 .0309
6 3V1A       00000000001
7
1 3V34       5.0  .460          0.0   2.0         0.0              1  .4807 .0104
6 3V34       20000000000
7
1 3C1        75.0 .460          0.0   2.0         0.0              1  .0237 .0161
6 3C1      1 11111111111
7
4 3C13A      17.0 .480 1.000    0.0   0.0         0.0                 .2517 .0130
6 3C13A      20000000000
4 STATICL    15.0 .480 1.000    0.0   0.0         0.0
6 STATICL    00000000000
7
1 MOV1420     5.2 .460  5.66         2.0  0.85   .54 0.6          1  .8027 .0174
6 MOV1420    20000111111
7
1 MOV1400     .33 .460  7.33         2.0  0.85   .48 0.6             .6037 .0131
6 MOV1400    20000111111
7
1 MOV1427     .25 .460  4.91         2.0  0.85   .5  0.6            2.148 .0467
6 MOV1427    20000111111
7
  3B05N      90.0  80.0    30
1 3P15        3.0 .460          0.0   2.0         0.0              1  .5903 .0128
6 3P15     1 11111111111
```

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```
         1         2         3         4         5         6         7         8
12345678901234567890123456789012345678901234567890123456789012345678901234567890
7
1 3P19D      0.5 .460        0.0   2.0         0.0             1  .7491 .0163
6 3P19D    1 11111111111
7
1 3P19A      0.5 .460        0.0   2.0         0.0             1  .7267 .0158
6 3P19A    1 11111111111
7
1 3P19B      0.5 .460        0.0   2.0         0.0             1  .7379 .0160
6 3P19B    1 11111111111
7
1 3P19C      0.5 .460        0.0   2.0         0.0             1  .7491 .0163
6 3P19C      00000000000
7
1 3P232A    10.0 .460        0.0   2.0         0.0             1 1.547 .0336
6 3P232A   1 11111111111
7
1 3P28A      3.0 .460        0.0   2.0         0.0             1  .1968 .0043
6 3P28A    1 11111111111
7
1 3P34A     0.75 .460        0.0   2.0         0.0             1  .8184 .0178
6 3P34A    1 11111111111
7
1 3P4       10.0 .460        0.0   2.0         0.0             1  .5970 .0130
6 3P4      1 11111111111
7
1 3P43       5.0 .460        0.0   2.0         0.0             1  .5411 .0118
6 3P43     1 11111111111
7
1 3P49      0.75 .460        0.0   2.0         0.0             1  .2728 .0059
6 3P49     1 11111111111
7
1 3P5       40.0 .460        0.0   2.0         0.0             1  .0358 .0086
6 3P5      1 11111111111
7
1 3V14A      7.5 .460        0.0   2.0         0.0             1  .8832 .0192
6 3V14A      00000000000
7
1 3V16       2.0 .460        0.0   2.0         0.0             1  .2102 .0046
6 3V16       00000000000
7
1 3V18       7.5 .460        0.0   2.0         0.0             1  .4740 .0103
6 3V18       00000000000
7
1 3V19A     15.0 .460        0.0   2.0         0.0             1  .1348 .0043
6 3V19A      00000000000
7
1 3V31B      3.0 .460        0.0   2.0         0.0             1  .6596 .0143
6 3V31B      00000000000
7
1 3V32B     0.75 .460        0.0   2.0         0.0             1  .4897 .0106
```

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DATA VERIFICATION

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         1         2         3         4         5         6         7         8
12345678901234567890123456789012345678901234567890123456789012345678901234567890
6 3V32B     00000000000
7
1 3V4        5.0 .460        0.0   2.0        0.0             1  .5791 .0126
6 3V4       00000000000
7
1 3V6A       7.5 .460        0.0   2.0        0.0             1  .2683 .0058
6 3V6A      00000000000
7
1 P51A       1.0 .460        0.0   2.0        0.0             1  .7491 .0163
6 P51A      00000000000
7
1 3X03       7.0 .460        0.0   2.0        0.0             1  .1025 .0112
6 3X03      00000000000
7
1 3NF20A/B   1.5 .460        0.0   2.0        0.0             1  .1685 .0054
6 3NF20A/B  00000000000
7
1 3X02       9.0 .460        0.0   2.0        0.0             1  .0726 .0080
6 3X02      00000000000
7
1 3V5        0.5 .460        0.0   2.0        0.0             1  .2035 .0044
6 3V5       00000000000
7
1 3X01     170.0 .460        0.0   2.0        0.0             1  .0055 .0060
6 3X01      00000000000
7
1 3P90C      2.0 .460        0.0   2.0        0.0             1  .4774 .0152
6 3P90C     00000000000
7
1 3P90B      2.0 .460        0.0   2.0        0.0             1  .4858 .0155
6 3P90B     00000000000
7
1 3P90A      2.0 .460        0.0   2.0        0.0             1  .4858 .0155
6 3P90A     00000000000
7
1 3XS75/76  20.0 .460        0.0   2.0 0.81   0.0             1  .1388 .0152
6 3XS75/76  00000000000
7
4 STATICL   15.0 .480 1.000  0.0   0.0        0.0
6 STATICL   00000000000
7
  3B07     96.0  82.0    30
1 3P203A    15.0 .460        0.0   2.0        0.0             1  .0358 .0086
6 3P203A    00000000000
7
1 3V1C     100.0 .460 7.75   0.0   2.0        0.0             1  .0177 .0121
6 3V1C      00000000001
7
1 3V30C     30.0 .460 5.39   0.0   2.0        0.0 0.42        1  .2617 .0312
6 3V30C     11200000000
```

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         1         2         3         4         5         6         7         8
12345678901234567890123456789012345678901234567890123456789012345678901234567890
7
1 3V3C      75.0 .460 6.06    0.0   2.0         0.0 0.35         1  .0358 .0243
6 3V3C      11111200000
7
1 P207A      6.0 .460         0.0   2.0         0.0              1  .2616 .0057
6 P207A     00000000000
7
1 T206       1.5 .460         0.0   2.0         0.0              1  .5881 .0128
6 T206      00000000000
7
1 3V2B      60.0 .460         0.0   2.0         0.0              1  .0657 .0247
6 3V2B      00000000000
7
1 3V65A      2.0 .460         0.0   2.0         0.0              1  .8550 .0272
6 3V65A     00000000000
7
1 P42A       7.5 .460         0.0   2.0         0.0              1  .1334 .0042
6 P42A      00000000000
7
4 3D02      71.0 .480 1.000                                        .0248 .0169
6 3D02      00000000000
4 STATICL    1.0 .480 1.000   0.0   0.0         0.0
6 STATICL   11111111111
7
1 MOV716A    1.3 .460   3.75        2.0  0.85   .60 0.6          1  .3130 .0068
6 MOV716A   20000111111
7
1 MOV744A   10.5 .460   7.22        2.0  0.85   .80 0.6          1  .3838 .0267
6 MOV744A   20000111111
7
1 MOV843A   1.58 .460   7.43        2.0  0.85   .50 0.6          1  .2594 .0056
6 MOV843A   20000111111
7
1 MOV880A    2.0 .460   3.71        2.0  0.85   .63 0.6          1  .2795 .0061
6 MOV880A   20000111111
7
1 MOV1401   0.33 .460   7.33        2.0  0.85   .48 0.6          1  1.019 .0222
6 MOV1401   20000111111
7
1 MOV1426   0.25 .460   4.91        2.0  0.85   .50 0.6          1  .3354 .0073
6 MOV1426   20000111111
7
1 MOV6386   0.13 .460   7.11        2.0  0.85   .32 0.6          1  .7048 .0224
6 MOV6386   20000111111
7
  3B53     90.0  80.0    30
1 HVACHP    18   .460         0.0   2.0         0.0              1
6 HVACHP    00000000000
7
4 HVACKW    27   .460 1.000   0.0   0.0         0.0              1
```

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```
         1         2         3         4         5         6         7         8
12345678901234567890123456789012345678901234567890123456789012345678901234567890
6 HVACKW     00000000000
7
  3808V    96.0  82.0    30
1 3V1D      100.0 .460 7.75    0.0   2.0         0.0              1  .0161 .0109
6 3V1D      00000000001
7
1 3V30B      30.0 .460 5.39    0.0   2.0         0.0 0.42         1  .2490 .0294
6 3V30B     11120000000
7
1 3V3B       75.0 .460 6.06    0.0   2.0         0.0 0.35         1  .0379 .0258
6 3V3B      11111120000
7
1 V11        10.0 .460         0.0   2.0         0.0              1  .2035 .0044
6 V11       00000000000
7
1 V29B        1.0 .460         0.0   2.0         0.0              1  .5335 .0170
6 V29B      20000000000
7
1 E16C/17C   34.0 .460         0.0   2.0         0.0              1  .1880 .0206
6 E16C/17C  00000000000
7
1 C1         75.0 .460         0.0   2.0         0.0              1  .0249 .0170
6 C1       1 11111111111
7
1 E16D       36.0 .460         0.0   2.0         0.0              1  .0480 .0087
6 E16D      00000000000
7
1 P42B        3.0 .460         0.0   2.0         0.0              1  .6708 .0146
6 P42B      00000000000
7
1 V77/E231   36.0 .460         0.0   2.0         0.0              1  .0773 .0142
6 V77/E231  00000000000
7
1 NS74B      60.0 .460         0.0   2.0         0.0              1  .0691 .0315
6 NS74B     00000000000   50.5   50.5   50.5   50.5   50.5   50.5   50.5  50.5
7 50.5   50.5   50.5
1 S77B        5.0 .460         0.0   2.0         0.0              1  .8073 .0257
6 S77B      00000000000   3.4    3.4    3.4    3.4    3.4    3.4    3.4   3.4
7 3.4    3.4    3.4
1 S78B        5.0 .460         0.0   2.0         0.0              1  .7160 .0228
6 S78B      00000000000   3.4    3.4    3.4    3.4    3.4    3.4    3.4   3.4
7 3.4    3.4    3.4
1 S75B        5.0 .460         0.0   2.0         0.0              1  .6388 .0203
6 S75B      00000000000
7
4 4D25A       1.0 .480 1.000                                         .0473 .0113
6 4D25A     00000000000
4 4D02A      70.6 .480 1.000                                         .0229 .0104
6 4D02A     11111111111
4 STATICL     1.0 .480 1.000   0.0   0.0         0.0
```

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         1         2         3         4         5         6         7         8
12345678901234567890123456789012345678901234567890123456789012345678901234567890
6 STATICL   00000000000
7
1 MOV1404   0.33 .460   3.60        2.0  0.85   .29 0.6          1  .5911 .0188
6 MOV1404   20000111111
7
1 MOV1417   1.5  .460   5.71        2.0  0.85   .50 0.6          1  .4629 .0101
6 MOV1417   20000111111
7
1 MOV6552B  0.13 .460   7.11        2.0  0.85   .32 0.6          1  .5082 .0162
6 MOV6552B  20000111111
7
1 MOV6543B  0.13 .460   7.11        2.0  0.85   .32 0.6          1  .4605 .0147
6 MOV6543B  20000111111
7
  3B50     96.0  82.0    30
1 3P201C   150.0 .460 5.800   0.0   2.0  0.90   0.0              1  .0206 .0223
6 3P201C    00000000000
7
  3AB1     96.0  82.0    30
1 3P200B  6000.0  4.0 6.32    0.0   2.0         0.0              1  .0050 .0148
6 3P200B    00000000020   5061.0 5061.0 5061.0 5061.0 5061.0 5061.0 5061. 5061.0
7 5061.0 6000.0 5061.0
1 3P200C  6000.0  4.0 6.32    0.0   2.0         0.0              1  .0051 .0148
6 3P200C  1 00000000000   5061.0 5061.0 5061.0 5061.0 5061.0 5061.0 5061. 5061.0
7 5061.0 5061.0 5061.0
  3AB2     96.0  82.0    30
1 3P11B    400.0  4.0 5.09    0.0   2.0  0.85 0.938  0.00  0.00  1  .0295 .0259
6 3P11B     00000000000
7
1 3P210B   300.0  4.0 6.22    0.0   2.0  0.89 0.934              1  .0343 .0302
6 3P210B    12000000000
7
1 3P211B   450.0  4.0 4.74    0.0   2.0         0.0              1  .0371 .0326
6 3P211B    00000000000
7
1 3P215B   350.0  4.0 6.4     0.0   1.0  0.88  0.94              1  .0371 .0326
6 3P215B    12000000000
7
1 3P3B     800.0  4.0 5.94    0.0   2.0  0.89 0.944              1  .0274 .0241
6 3P3B      00000000000   700.00 700.00 700.00 700.00 700.00 700.00
700.0 700.00
7 700.00 700.00 700.00
1 3P6B    2250.0  4.0 7.06    0.0   2.0  0.90 0.958              1  .0035 .0046
6 3P6B      00000000000   2210.0 2210.0 2210.0 2210.0 2210.0 2210.0 2210. 2210.0
7 2210.0 2210.0 2210.0
1 3P7D    1250.0  4.0 4.57    0.0   2.0         0.0              1  .0292 .0381
6 3P7D      00000000000
7
1 3P7B    1250.0  4.0 4.57    0.0   2.0         0.0              1  .0288 .0376
6 3P7B      00000000000
```

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         1         2         3         4         5         6         7         8
12345678901234567890123456789012345678901234567890123456789012345678901234567890
7
1 3P9B     325.0  4.0 5.8     0.0   2.0  0.82 0.928  0.00  0.00  1  .0449 .0395
6 3P9B      00000000000
7
2 DG3B       3.0 4.16 1.000       .270  .405  1.534 30.00        0  .0033 .0110
6 DG3B    1 11111111111
7
  3B02     96.0  82.0    30
1 3P201B   150.0 .460 5.800   0.0   2.0  0.90 0.925             1  .0325 .0352
6 3P201B    00000000000
7
1 3V1B     100.0 .460 7.75    0.0   2.0         0.0             1  .0514 .0350
6 3V1B      00000000001
7
  3B04     96.0  82.0    30
1 3P214B   250.0 .460 6.540   0.0   1.0  0.91  0.94 .15         1  .0077 .0178
6 3P214B    11200000002
7
1 3S7B     150.0 .460         0.0   2.0         0.0             1  .0197 .0214
6 3S7B      00000000000
7
1 3H1      240.0 .460         0.0   2.0         0.0             1  .0070 .0047
6 3H1     1 11111111111
7
4 PH3B13   150.0 .480 1.000   0.0   0.0         0.0                .0062 .0090
6 PH3B13    11111111111
7
  3B06     96.0  82.0    30
1 3P203B    15.0 .460         0.0   2.0         0.0             1  .1235 .0296
6 3P203B    00000000000
7
1 3V20      20.0 .460         0.0   2.0         0.0             1  .1828 .0095
6 3V20    1 11111111111
7
1 3V2A      60.0 .460         0.0   2.0         0.0             1  .0541 .0204
6 3V2A      11111111111
7
1 3V30A     30.0 .460 5.39    0.0   2.0         0.0 0.42        1  .1939 .0256
6 3V30A     11200000000
7
1 3V3A      75.0 .460 6.06    0.0   2.0         0.0 0.35        1  .0320 .0218
6 3V3A      11111200000
7
1 3V9       20.0 .460         0.0   2.0         0.0             1  .1960 .0101
6 3V9     1 11111111111
7
1 E16A/17A  34.0 .460         0.0   2.0         0.0             1  .1308 .0143
6 E16A/17A  00000000000
7
1 E16E      36.0 .460         0.0   2.0         0.0             1  .0386 .0079
```

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DATA VERIFICATION

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         1         2         3         4         5         6         7         8
12345678901234567890123456789012345678901234567890123456789012345678901234567890
6 E16E      00000000000
7
1 3V6B       2.0 .460         0.0   2.0         0.0             1  .6395 .0139
6 3V6B      00000000000
7
1 V8B       40.0 .460         0.0   2.0         0.0             1  .0716 .0172
6 V8B       00000000000
7
4 3D25      52.4 .480 1.000                                        .0362 .0087
6 3D25      00000000000
4 STATICL    1.0 .480 1.000   0.0   0.0         0.0
6 STATICL   00000000000
7
1 MOV381    0.42 .460   5.26        2.0  0.85   .49 0.6          1  .7200 .0156
6 MOV381    20000111111
7
1 MOV626    1.0  .460   5.71        2.0  0.85   .39 0.6          1  .7915 .0172
6 MOV626    20000111111
7
1 MOV716B    1.3 .460   3.75        2.0  0.85   .60 0.6          1  .6663 .0145
6 MOV716B   20000111111
7
1 MOV730     1.3 .460   3.75        2.0  0.85   .60 0.6          1  .7960 .0173
6 MOV730    20000111111
7
1 MOV744B   10.3 .460   7.22        2.0  0.85   .80 0.6          1  .5685 .0197
6 MOV744B   20000111111
7
1 MOV843B   1.58 .460   7.43        2.0  0.85   .50 0.6          1  .8184 .0178
6 MOV843B   20000111111
7
1 MOV880B    2.0 .460   3.71        2.0  0.85   .63 0.6          1  .7312 .0159
6 MOV880B   20000111111
7
1 MOV1402   0.33 .460   7.33        2.0  0.85   .48 0.6          1  .6395 .0139
6 MOV1402   20000111111
7
1 MOV1418   1.5  .460   5.71        2.0  0.85   .50 0.6          1  .7088 .0154
6 MOV1418   20000111111
7
1 MOV1425   0.33 .460   5.26        2.0  0.85   .38 0.6          1  .9861 .0214
6 MOV1425   20000111111
7
1 MOV1421    5.3 .460   8.57        2.0  0.85   .76 0.6          1  .5277 .0115
6 MOV1421   20000111111
7
  B08W     90.0  80.0    30
1 3P204B     6.0 .460         0.0   2.0         0.0             1  .2974 .0065
6 3P204B    00000000000
7
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         1         2         3         4         5         6         7         8
12345678901234567890123456789012345678901234567890123456789012345678901234567890
1 3P26B      3.0 .460          0.0   2.0         0.0                1  .3712 .0081
6 3P26B    1 11111111111
7
1 P208      20.0 .460          0.0   2.0         0.0                1  .1192 .0062
6 P208      00000000000
7
1 4P26B      3.0 .460          0.0   2.0         0.0                1  .4942 .0107
6 4P26B    1 11111111111
7
1 P84A      20.0 .460          0.0   2.0         0.0                1  .1157 .0060
6 P84A     1 11111111111
7
1 3P24B      3.0 .460          0.0   2.0         0.0                1  .5322 .0116
6 3P24B     00000000000
7
1 P20        0.5 .460          0.0   2.0         0.0                1  .8542 .0186
6 P20       00000000000
7
1 P21        0.5 .460          0.0   2.0         0.0                1  .8787 .0191
6 P21       00000000000
7
1 3P25B      3.0 .460          0.0   2.0         0.0                1  .3376 .0073
6 3P25B     00000000000
7
1 P22        0.5 .460          0.0   2.0         0.0                1  .8765 .0191
6 P22       00000000000
7
1 P220       3.0 .460          0.0   2.0         0.0                1  .2706 .0059
6 P220      00000000000
7
1 4P24B      3.0 .460          0.0   2.0         0.0                1  .4718 .0103
6 4P24B    1 11111111111
7
1 4P25B      3.0 .460          0.0   2.0         0.0                1  .4942 .0107
6 4P25B    1 11111111111
7
1 P84B      20.0 .460          0.0   2.0         0.0                1  .1166 .0060
6 P84B     1 11111111111
7
1 4P16A     50.0 .460          0.0   2.0         0.0                1  .0541 .0130
6 4P16A     00000000000
7
1 3P16A     50.0 .460          0.0   2.0         0.0                1  .0541 .0130
6 3P16A     00000000000
7
1 3V36A      2.0 .460          0.0   2.0         0.0                1  .3399 .0074
6 3V36A     00000000000
7
1 V78        5.0 .460          0.0   2.0         0.0                1  .2934 .0093
6 V78       00000000000
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         1         2         3         4         5         6         7         8
12345678901234567890123456789012345678901234567890123456789012345678901234567890
7
4 NS233M    27.4 .480 0.85    0.0   0.0         0.0              1  .1162 .0129
6 NS233M    00000000000
7
4 STATICL    1.0 .480 1.000   0.0   0.0         0.0
6 STATICL   00000000000
7
  3B52     96.0  82.0    30
1 3C2B       5.0 .460        0.0   2.0         0.0              1  .1250 .0040
6 3C2B      20000000000
7
1 3V34B      5.0 .460        0.0   2.0         0.0              1  .0208 .0023
6 3V34B     20000000000
7
1 3P10B     0.75 .460        0.0   2.0         0.0              1  .1615 .0051
6 3P10B     20000000000
7
1 3V65B      2.0 .460        0.0   2.0         0.0              1  1.003 .0319
6 3V65B     00000000000
7
1 3S230      7.0 .460        0.0   2.0         0.0              1  .3964 .0423
6 3S230     00000000000
7
4 3C13B     17.0 .480 1.000                                        .0182 .0020
6 3C13B     20000000000
7
4 STATICL   1.0  .480 1.000   0.0   0.0         0.0
6 STATICL   00000000000
7
  3B54    90.0  80.0    30
1 HVACHP    18.0 .460 1.000   0.0   2.0         0.0              1
6 HVACHP    00000000000
7
4 HVACKW   27.0  .480 1.000   0.0   0.0         0.0              1
6 HVACKW    00000000000
7
  2BUS113
3 SWICHYD  15000  19.21.008  4435.
6 SWICHYD
9
  C TRLIN H1      2BUS113
  C NONSG X1      3AA1            .0002 .0010
  C NONSG Y1      3AB1            .0003 .0016
  T 3X03  H1      X1      Y1       40.0 233.03 4.16  4.16
                                  16.64 0.67  16.90 0.68  30.42 1.22
  R 3AA2  3AA1    3AA2              0.0   0.0  0.04 80.00  0.00 0.00
  C 3AD   3AA2    3AD             .0072 .0160
  C 3B01  X2      3B01              0.0   0.0
  C 3B03  X4      3B03              0.0   0.0
  C 3B05V 3B01    3B05V           .0013 .0027
```

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         1         2         3         4         5         6         7         8
12345678901234567890123456789012345678901234567890123456789012345678901234567890
 C 3B05N 3B01    3B05N           .0030 .0033
 C 3B07  3B03    3B07            .0064 .0129
 C 3B08V 3B50    3B08V           0.002 .0040
 C 3B50  3B03    3B50            .0049 .0098
 C 3X04  3AA2    H2              .0035 .0031
 T 3X04  H2      X2                1.0  4.055 0.48       2.5
                                  5.54 0.544
 C 3X06  3AA2    H4              .0025 .0022
 T 3X06  H4      X4                1.0  4.055 0.48       2.5
                                  5.62 0.544
 R 3AB2  3AB1    3AB2              0.0   0.0  0.04 80.00  0.00 0.00
 C 3B02  X3      3B02              0.0   0.0
 C 3B04  X5      3B04              0.0   0.0
 C 3B06  3B02    3B06            .0045 .0090
 C B08N  3B04    B08N            .0132 .0143
 C 3B52  3B04    3B52            .0048 .0098
 T 3X05  H3      X3                1.0  4.055 0.48       2.5
                                  5.71 0.544
 C 3X05  3AB2    H3              .0032 .0028
 C 3X07  3AB2    H5              .0039 .0034
 C 3B53  3B01    3B53            .0016 .0017
 C 3B54  3B04    3B54            .0019 .0021
 T 3X07  H5      X5                1.0  4.055 0.48       2.5
                                  5.71 0.544
```

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EBASCO SERVICES INCORPORATED
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FILE: \AUXSYS\U3APP11.DAT
STEADY STATE SET @ 96% AND STARTING @ 82% FOR SAFETY BUSES
STEADY STATE SET @ 90% AND STARTING @ 80% FOR NON-SAFETY BUSES
EBASCO SERVICES INC.
TURKEY POINT UNIT No 3. ELECTRICAL AUXILIARY SYSTEM DESIGN
AUX SYS FED THRU THE S/U TRF.PSB-1.
BUS 3AA2 ALIGNED TO 3AD, BUS 3B50 ALIGNED TO 3B03
SEQUENCED LOADING FOR CALCULATION EC-145, REV. 4
(3/06/91)

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GENERAL INSTRUCTION CARD DATA

NUMBER OF VOLTAGE DROP CASES	S/C CASE 1=YES 2=NO	TYPE OF OUTPUT	BASE MVA
1-11	1	SHORT	40.000

OPTIONAL USER SELECTED ASSUMED DATA

		DATA					
LRA/FLA >1KV	LRA/FLA <=1KV	OP PF >1KV	OP PF <=1KV	OP EFF >1KV	OP EFF <=1KV	ST PF >1KV	ST PF <=1KV
6.00	6.00	.85	.85	.92	.92	.20	.20

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SHORT CIRCUIT & REACTANCE SIZING PARAMETERS

TYPE	BUS NAME	MVA CLASS	RATED MAX KV	RATED C&L KA	RATED SC @ MAX KV	HPFV KV	"S" FACTOR	MIN CPT	FIXED K3	PERMISSIBLE INT CAP OF BREAKER KA@ HPFV	ASSYM MULT FOR C&L
1	3AA1	350.00	4.760	80.0	42.45	4.160	1.100	3.000	(*****)	48.57	(1.60)
1	3AA2	350.00	4.760	80.0	42.45	4.160	1.100	3.000	(*****)	48.57	(1.60)
1	3AD	250.00	4.760	80.0	30.30	4.160	1.100	3.000	(*****)	34.67	(1.60)
2	3B01	30.00	.480(*****)	(1.00)	.00						
2	3B03	30.00	.480(*****)	(1.00)	.00						
3	3B05V	25.00	.480(*****)	(1.00)	.00						
3	3B05N	25.00	.480(*****)	(1.00)	.00						
3	3B07	25.00	.480(*****)	(1.00)	.00						
3	3B08V	25.00	.480(*****)	(1.00)	.00						
1	3AB1	350.00	4.760	80.0	42.45	4.160	1.100	3.000	(*****)	48.57	(1.60)
1	3AB2	350.00	4.760	80.0	42.45	4.160	1.100	3.000	(*****)	48.57	(1.60)
2	3B02	30.00	.480(*****)	(1.00)	.00						
2	3B04	30.00	.480(*****)	(1.00)	.00						
3	3B06	25.00	.480(*****)	(1.00)	.00						
3	B08N	25.00	.480(*****)	(1.00)	.00						
2	3B50	30.00	.480(*****)	(1.00)	.00						
3	3B52	25.00	.480(*****)	(1.00)	.00						
3	3B53	25.00	.480(*****)	(1.00)	.00						
3	3B54	25.00	.480(*****)	(1.00)	.00						

NOTE: TYPE 1 FAULT= MEDIUM VOLTAGE FAULT CALCULATION
TYPE 2 FAULT= LOW VOLTAGE POWER CIRCUIT BREAKER FAULT CALCULATION
TYPE 3 FAULT= LOW VOLTAGE MOLDED CASE BREAKER FAULT CALCULATION
(*****) = COMPUTER WILL CALCULATE K FACTOR

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BUS NAME	MIN ALLOWABLE VOLTAGE FOR S S	MIN ALLOWABLE VOLTAGE WHEN STARTING OTHER MOTORS	MAX # WARNINGS FOR LOW VOLT
3AA1	96.00 %	82.00 %	30.0

****
* LOAD DATA *
****

TYPE	NAME	RATED HP / RATED MVA / RATED S/C MVA	RATED KV / RATED X/R	LRA/FLA / PU OP VOLT	K1 FACTOR / V/D MVA	SPEED 3.6K=1 <3.6K=2 / OHMS FOR REACT OR Z% FOR TRANSF	OP PWR FACTOR / X C&L / % R/X FOR REAC OR %R FOR TRANSF	OP EFF / X INT	ST PF / X GVD	TRANSF MVA	R-OHMS T-T / REACT -TOL OR TRANSF KV	REAC +TOL OR TRANSF TOL	MOT SYN=2 IND=1 / ANG DEG	CABLE RES REAC	0=ON 1=OFF CON FOR S/C	VOLTAGE DROP CONDITION CODES (0=ON;1=OFF;2=STARTING)
1	MOTOR NAME	RATED HP	RATED KV	LRA/FLA	K1 FACTOR	SPEED 3.6K=1 <3.6K=2	OP PWR FACTOR	OP EFF	ST PF		R-OHMS T-T		MOT SYN=2 IND=1	CABLE RES REAC	CON FOR S/C	
2	GEN NAME	RATED MVA	RATED KV	PU OP VOLT		X C&L	X INT	X GVD	X/R				ANG DEG	CABLE RES REAC	CON FOR S/C	
3	SYSTEM NAME	S/C MVA	X/R	PU OP VOLT	V/D MVA	OHMS FOR REACT OR Z% FOR TRANSF	% R/X FOR REAC OR %R FOR TRANSF		REACT -TOL OR TRANSF KV	TRANSF MVA		REAC +TOL OR TRANSF TOL	ANG DEG	CABLE RES REAC	CON FOR S/C	
4	STATIC NAME	RATED KVA	RATED KV	RATED PF										CABLE RES REAC	CON FOR S/C	

	NAME	RATED HP / RATED MVA / RATED S/C MVA	RATED KV / RATED X/R	LRA/FLA / PU OP VOLT	K1 FACTOR / V/D MVA	SPEED 3.6K=1 <3.6K=2 / OHMS FOR REACT OR Z% FOR TRANSF	OP PWR FACTOR / X C&L / % R/X FOR REAC OR %R FOR TRANSF	OP EFF / X INT	ST PF / X GVD	TRANSF MVA	R-OHMS T-T / REACT -TOL OR TRANSF KV	REAC +TOL OR TRANSF TOL	MOT SYN=2 IND=1 / ANG DEG	CABLE RES	CABLE REAC	CON FOR S/C	1	2	3	4	5	6	7	8	9	10	11
	3P1A	7000.00	4.000	6.490 (	1.0)	1.000	.900	.959 (	.200)	(****)	(1.)			.004	.008	1	1	1	1	1	1	1	1	1	2	1	1
1	3P200A	6000.00	4.000	6.320 (	1.0)	2.000	(.850)	(.920)	(.200)	(****)	(1.)			.005	.013	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)

**********CHANGES TO LOAD DATA FOR VOLTAGE DROP CASE **********

	DEVICE NAME	CASE:	1	2	3	4	5	6	7	8	9	10	11
1	3P200A	RATED HP	5061.00	5061.00	5061.00	5061.00	5061.00	5061.00	5061.00	5061.00	5061.00	5061.00	5061.00

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BUS NAME	MIN ALLOWABLE VOLTAGE FOR S S	MIN ALLOWABLE VOLTAGE WHEN STARTING OTHER MOTORS	MAX # WARNINGS FOR LOW VOLT
3AA2	96.00 %	82.00 %	30.0

****
* LOAD DATA *
****

TYPE	NAME	RATED HP / RATED KVA / RATED MVA / S/C MVA	RATED KV	LRA/FLA / PU OP VOLT	K1 FACTOR / V/D MVA	SPEED 3.6K=1 <3.6K=2 / OHMS FOR REACT OR Z% FOR TRANSF	OP PWR FACTOR / % R/X FOR REAC OR %R FOR TRANSF	OP EFF / X C&L / X INT / X GVD / TRANSF MVA	ST PF / X/R / REACT -TOL OR TRANSF KV	R-OHMS T-T / REAC +TOL OR TRANSF TOL	HOT SYN=2 IND=1 / ANG DEG	CABLE RES REAC	0=ON 1=OFF CON FOR S/C	VOLTAGE DROP CONDITION CODES (0=ON;1=OFF;2=STARTING)
1	MOTOR NAME	RATED HP	RATED KV	LRA/FLA	K1 FACTOR	SPEED 3.6K=1 <3.6K=2	OP PWR FACTOR	OP EFF	ST PF	R-OHMS T-T	HOT SYN=2 IND=1	CABLE RES REAC	CON FOR S/C	
2	GEN NAME	RATED MVA	RATED KV	PU OP VOLT		X C&L	X INT	X GVD	X/R		ANG DEG	CABLE RES REAC	CON FOR S/C	
3	SYSTEM NAME	S/C MVA	X/R	PU OP VOLT	V/D MVA	OHMS FOR REACT OR Z% FOR TRANSF	% R/X FOR REAC OR %R FOR TRANSF	TRANSF MVA	REACT -TOL OR TRANSF KV	REAC +TOL OR TRANSF TOL	ANG DEG	CABLE RES REAC	CON FOR S/C	
4	STATIC NAME	RATED KVA	RATED KV	RATED PF								CABLE RES REAC	CON FOR S/C	

1	3P11A	400.00	4.000	5.090	(1.2)	2.000	.850	.938	(.200)	(****)	(1.)	.036	.032	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1	3P210A	300.00	4.000	6.220	(1.2)	2.000	.890	.934	(.200)	(****)	(1.)	.036	.032	(0)	1	2	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1	3P211A	450.00	4.000	4.740	(1.2)	2.000	(.850)	(.920)	(.200)	(****)	(1.)	.037	.033	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1	3P215A	350.00	4.000	6.400	(1.0)	1.000	.880	.940	(.200)	(****)	(1.)	.039	.035	(0)	1	2	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1	3P3A	800.00	4.000	5.940	(1.2)	2.000	.890	.944	(.200)	(****)	(1.)	.034	.030	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1	3P6A	2250.00	4.000	7.060	(1.0)	2.000	.900	.958	(.200)	(****)	(1.)	.003	.004	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1	3P7A	1250.00	4.000	4.570	(1.0)	2.000	(.850)	(.920)	(.200)	(****)	(1.)	.028	.036	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1	3P7C	1250.00	4.000	4.570	(1.0)	2.000	(.850)	(.920)	(.200)	(****)	(1.)	.028	.036	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1	3P9A	325.00	4.000	5.800	(1.2)	2.000	.820	.928	(.200)	(****)	(1.)	.044	.039	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
2	DG3A	3.00	4.160	1.000	*******	.270	.405	1.534	30.000	****	(0.)	.003	.011	1	1	1	1	1	1	1	1	1	1	1	1

**********CHANGES TO LOAD DATA FOR VOLTAGE DROP CASE **********

DEVICE NAME		CASE: 1	2	3	4	5	6	7	8	9	10	11
1 3P6A	RATED HP	2210.00	2210.00	2210.00	2210.00	2210.00	2210.00	2210.00	2210.00	2210.00	2210.00	2210.00
1 3P3A	RATED HP	700.00	700.00	700.00	700.00	700.00	700.00	700.00	700.00	700.00	700.00	700.00

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                                  BUS NAME                MIN  ALLOWABLE          MIN  ALLOWABLE
                                                          VOLTAGE FOR S S      VOLTAGE WHEN STARTING  MAX  # WARNINGS FOR LOW VOLT
                                                                                 OTHER MOTORS
                                  3AD                       96.00 %                 82.00 %                      30.0
T                                                         ***************
Y                                                         *  LOAD DATA  *
P                                                         ***************
E                                                                                                  0=ON
                                                                                                   1=OFF
1 MOTOR     RATED     RATED LRA/      K1    SPEED OP PWR    OP      ST     R-OHMS  MOT     CABLE   CON          VOLTAGE DROP
  NAME      HP        KV    FLA    FACTOR 3.6K=1 FACTOR     EFF     PF      T-T   SYN=2  RES  REAC FOR         CONDITION CODES
                                          <3.6K=2                                  IND=1            S/C      (0=ON;1=OFF;2=STARTING)

2 GEN       RATED     RATED PU                X      X      X      X/R              ANG     CABLE   CON
  NAME      MVA       KV    OP               C&L    INT    GVD                      DEG    RES  REAC FOR
                            VOLT                                                                    S/C

3 SYSTEM    S/C       X/R   PU        V/D   OHMS   % R/X  TRANSF REACT    REAC  ANG     CABLE   CON
  NAME      MVA             OP        MVA   FOR    FOR     MVA   -TOL     +TOL  DEG    RES  REAC FOR
                            VOLT            REACT  REAC             OR      OR                      S/C
                                            OR Z%  OR %R          TRANSF   TRANSF
                                            FOR    FOR              KV      TOL
                                            TRANSF TRANSF
4 STATIC    RATED     RATED RATED                                                              CABLE   CON
  NAME      KVA       KV    PF                                                             RES  REAC FOR
                                                                                                    S/C  1  2  3  4  5  6  7  8  9 10 11
 *******************************************************************************************************************************************
  3P211C    450.00    4.000 4.740 (     1.2) 2.000 ( .850)( .920)(  .200)(****)( 1.)  .038   .034 (0) (0)(0)(0)(0)(0)(0)(0)(0)(0)(0)(0)
1 3P9C      325.00    4.000 5.800 (     1.2) 2.000   .820    .928 (  .200)(****)( 1.)  .030   .026 (0) (0)(0)(0)(0)(0)(0)(0)(0)(0)(0)(0)
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BUS NAME	MIN ALLOWABLE VOLTAGE FOR S S	MIN ALLOWABLE VOLTAGE WHEN STARTING OTHER MOTORS	MAX # WARNINGS FOR LOW VOLT
3B01	96.00 %	82.00 %	30.0

****
* LOAD DATA *
****

TYPE	NAME	RATED HP / RATED MVA / RATED KVA	RATED KV	LRA/ FLA / PU OP VOLT / RATED PF	K1 FACTOR / V/D MVA	SPEED 3.6K=1 <3.6K=2 / OHMS FOR REACT OR Z% FOR TRANSF	OP PWR FACTOR / % R/X FOR REAC OR XR FOR TRANSF	OP EFF / X C&L / TRANSF MVA	ST PF / X/R / REACT -TOL OR TRANSF KV	R-OHMS T-T / REAC +TOL OR TRANSF TOL	MOT SYN=2 IND=1 / ANG DEG	CABLE RES	CABLE REAC	0=ON 1=OFF CON FOR S/C	VOLTAGE DROP CONDITION CODES (0=ON;1=OFF;2=STARTING) 1	2	3	4	5	6	7	8	9	10	11
1	MOTOR NAME	RATED HP	RATED KV	LRA/ FLA	K1 FACTOR	SPEED 3.6K=1 <3.6K=2	OP PWR FACTOR	OP EFF	ST PF	R-OHMS T-T	MOT SYN=2 IND=1	CABLE RES	CABLE REAC	CON FOR S/C	VOLTAGE DROP CONDITION CODES (0=ON;1=OFF;2=STARTING)										
2	GEN NAME	RATED MVA	RATED KV	PU OP VOLT		X C&L	X INT	X GVD	X/R		ANG DEG	CABLE RES	CABLE REAC	CON FOR S/C												
3	SYSTEM NAME	S/C MVA	X/R	PU OP VOLT	V/D MVA	OHMS FOR REACT OR Z% FOR TRANSF	% R/X FOR REAC OR XR FOR TRANSF	TRANSF MVA	REACT -TOL OR TRANSF KV	REAC +TOL OR TRANSF TOL	ANG DEG	CABLE RES	CABLE REAC	CON FOR S/C												
4	STATIC NAME	RATED KVA	RATED KV	RATED PF								CABLE RES	CABLE REAC	CON FOR S/C												
1	3P201A	150.00	.460	5.800	(1.2)	2.000	.900	.925	(.200)	(****)	(1.)	.025	.027	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1	3P214A	250.00	.460	6.540	(1.2)	1.000	.900	.940	.150	(****)	(1.)	.007	.015	(0)	1	1	2	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	2
1	3S6A	150.00	.460	6.050	(1.2)	2.000	(.850)	(.920)	(.200)	(****)	(1.)	.024	.026	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
4	PH3B12	150.00	.480	1.000	*******	*****	*****	*****	******	****	***	.008	.012	(1)	1	1	1	1	1	1	1	1	1	1	1	

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                             BUS NAME                 MIN  ALLOWABLE           MIN  ALLOWABLE
                                                      VOLTAGE FOR S S        VOLTAGE WHEN STARTING  MAX  # WARNINGS FOR LOW VOLT
                                                                               OTHER MOTORS
                             3B03                         96.00  %                  82.00  %                     30.0
T                                                     ***************
Y                                                     *  LOAD DATA  *
P                                                     ***************                                  0=ON
E                                                                                                      1=OFF
1 MOTOR    RATED    RATED LRA/      K1   SPEED OP PWR    OP      ST     R-OHMS  MOT     CABLE     CON            VOLTAGE DROP
  NAME     HP       KV    FLA    FACTOR 3.6K=1 FACTOR    EFF     PF      T-T   SYN=2  RES   REAC  FOR           CONDITION CODES
                                        <3.6K=2                                IND=1              S/C       (0=ON;1=OFF;2=STARTING)

2 GEN      RATED    RATED PU                 X      X      X      X/R           ANG      CABLE    CON
  NAME     MVA      KV    OP                C&L    INT    GVD                   DEG    RES   REAC  FOR
                          VOLT                                                                      S/C

3 SYSTEM   S/C      X/R   PU        V/D   OHMS   % R/X  TRANSF REACT   REAC   ANG      CABLE     CON
  NAME     MVA            OP        MVA   FOR    FOR     MVA   -TOL    +TOL   DEG    RES   REAC  FOR
                          VOLT            REACT  REAC           OR      OR                        S/C
                                          OR Z%  OR XR        TRANSF  TRANSF
                                          FOR    FOR            KV     TOL
                                          TRANSF TRANSF
4 STATIC   RATED    RATED RATED                                                          CABLE    CON
  NAME     KVA      KV    PF                                                           RES  REAC  FOR
                                                                                                  S/C  1  2  3  4  5  6  7  8  9 10 11
**************************************************************************************************************************************
  3P212    100.00   .460(6.000)(    1.2) 2.000 ( .850)( .920)(  .200)(****)( 1.)  .035   .023 (0) (0)(0)(0)(0)(0)(0)(0)(0)(0)(0)(0)
1 3P32     200.00   .460(6.000)(    1.2) 2.000 ( .850)( .920)(  .200)(****)( 1.)  .011   .022  1   1  1  1  1  1  1  1  1  1  1  1
1 P39B     250.00   .460 6.490 (    1.2) 2.000   .890    .928 (  .200)(****)( 1.)  .018   .041  1   1  1  1  1  1  1  1  1  1  1  1
4 PH3X09   225.00   .480 1.000 *******  *****  *****  *****  ******  ****  ***    .005   .007 (1) (0)(0)(0)(0)(0)(0)(0)(0)(0)(0)(0)
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BUS NAME	MIN ALLOWABLE VOLTAGE FOR S S	MIN ALLOWABLE VOLTAGE WHEN STARTING OTHER MOTORS	MAX # WARNINGS FOR LOW VOLT
3B05V	96.00 %	82.00 %	30.0

****
* LOAD DATA *
****

TYPE																												
1	MOTOR NAME	RATED HP	RATED KV	LRA/ FLA	K1 FACTOR	SPEED 3.6K=1 <3.6K=2	OP PWR FACTOR	OP EFF	ST PF	R-OHMS T-T	MOT SYN=2 IND=1	CABLE RES	CABLE REAC	0=ON 1=OFF CON FOR S/C	VOLTAGE DROP CONDITION CODES (0=ON;1=OFF;2=STARTING)												
2	GEN NAME	RATED MVA	RATED KV	PU OP VOLT		X C&L	X INT	X GVD	X/R		ANG DEG	CABLE RES	CABLE REAC	CON FOR S/C													
3	SYSTEM NAME	S/C MVA	X/R	PU OP VOLT	V/D MVA	OHMS FOR REACT OR Z% FOR TRANSF	% R/X FOR REAC OR %R FOR TRANSF	TRANSF MVA	REACT -TOL OR TRANSF KV	REAC +TOL OR TRANSF TOL	ANG DEG	CABLE RES	CABLE REAC	CON FOR S/C													
4	STATIC NAME	RATED KVA	RATED KV	RATED PF								CABLE RES	CABLE REAC	CON FOR S/C	1	2	3	4	5	6	7	8	9	10	11		
1	3C2A	5.00	.460	(6.000)	(8.0)	2.000	(.850)	(.920)	(.200)	(****)	(1.)	.537	.012	(0)	2	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)		
1	3P10	.75	.460	(6.000)	(8.0)	2.000	(.850)	(.920)	(.200)	(****)	(1.)	.561	.012	(0)	2	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)		
1	3P31	40.00	.460	(6.000)	(8.0)	2.000	(.850)	.900	(.200)	(****)	(1.)	.058	.014	1	1	1	1	1	1	1	1	1	1	1	1		
1	3P36	25.00	.460	(6.000)	(8.0)	2.000	(.850)	(.920)	(.200)	(****)	(1.)	.065	.007	1	1	1	1	1	1	1	1	1	1	1	1		
1	3P37	8.00	.460	(6.000)	(8.0)	2.000	(.850)	(.920)	(.200)	(****)	(1.)	.244	.005	1	1	1	1	1	1	1	1	1	1	1	1		
1	3P40	15.00	.460	(6.000)	(8.0)	2.000	(.850)	(.920)	(.200)	(****)	(1.)	.385	.012	1	1	1	1	1	1	1	1	1	1	1	1		
1	3T08	50.00	.460	(6.000)	(1.2)	2.000	(.850)	(.920)	(.200)	(****)	(1.)	.016	.006	1	1	1	1	1	1	1	1	1	1	1	1		
1	3V1A	100.00	.460	7.750	(1.2)	2.000	(.850)	(.920)	(.200)	(****)	(1.)	.045	.031	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	1		
1	3V34	5.00	.460	(6.000)	(8.0)	2.000	(.850)	(.920)	(.200)	(****)	(1.)	.481	.010	(0)	2	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)		
1	3C1	75.00	.460	(6.000)	(1.2)	2.000	(.850)	(.920)	(.200)	(****)	(1.)	.024	.016	1	1	1	1	1	1	1	1	1	1	1	1		
4	3C13A	17.00	.480	1.000	*******	*****	*****	*****	******	****	***	.252	.013	(1)	2	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)		
4	STATICL	15.00	.480	1.000	*******	*****	*****	*****	******	****	***	(.000)	(.000)	(1)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)		
1	MOV1420	5.20	.460	5.660	(8.0)	2.000	.850	.540	.600	(****)	(1.)	.803	.017	(0)	2	(0)	(0)	(0)	(0)	1	1	1	1	1	1		
1	MOV1400	.33	.460	7.330	(8.0)	2.000	.850	.480	.600	(****)	(1.)	.604	.013	(0)	2	(0)	(0)	(0)	(0)	1	1	1	1	1	1		
1	MOV1427	.25	.460	4.910	(8.0)	2.000	.850	.500	.600	(****)	(1.)	2.148	.047	(0)	2	(0)	(0)	(0)	(0)	1	1	1	1	1	1		

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BUS NAME	MIN ALLOWABLE VOLTAGE FOR S S	MIN ALLOWABLE VOLTAGE WHEN STARTING OTHER MOTORS	MAX # WARNINGS FOR LOW VOLT
3B05N	90.00 %	80.00 %	30.0

****
* LOAD DATA *
****

TYPE																																					
1	MOTOR NAME	RATED HP	RATED KV	LRA/ FLA	K1 FACTOR	SPEED 3.6K=1 <3.6K=2	OP PWR FACTOR	OP EFF	ST PF	R-OHMS T-T	MOT SYN=2 IND=1	CABLE RES	CABLE REAC	0=ON 1=OFF CON FOR S/C	VOLTAGE DROP CONDITION CODES (0=ON;1=OFF;2=STARTING)																					
2	GEN NAME	RATED MVA	RATED KV	PU OP VOLT		X C&L	X INT	X GVD	X/R		ANG DEG	CABLE RES	CABLE REAC	CON FOR S/C																						
3	SYSTEM NAME	S/C MVA	X/R	PU OP VOLT	V/D MVA	OHMS FOR REACT OR Z% FOR TRANSF	% R/X FOR REAC OR %R FOR TRANSF	TRANSF MVA	REACT -TOL OR TRANSF KV	REAC +TOL OR TRANSF TOL	ANG DEG	CABLE RES	CABLE REAC	CON FOR S/C																						
4	STATIC NAME	RATED KVA	RATED KV	RATED PF								CABLE RES	CABLE REAC	CON FOR S/C	1	2	3	4	5	6	7	8	9	10	11												
1	3P15	3.00	.460	(6.000)	(8.0)	2.000	(.850)	(.920)	(.200)	(****)	(1.)	.590	.013	1	1	1	1	1	1	1	1	1	1	1	1												
1	3P19D	.50	.460	(6.000)	(8.0)	2.000	(.850)	(.920)	(.200)	(****)	(1.)	.749	.016	1	1	1	1	1	1	1	1	1	1	1	1												
1	3P19A	.50	.460	(6.000)	(8.0)	2.000	(.850)	(.920)	(.200)	(****)	(1.)	.727	.016	1	1	1	1	1	1	1	1	1	1	1	1												
1	3P19B	.50	.460	(6.000)	(8.0)	2.000	(.850)	(.920)	(.200)	(****)	(1.)	.738	.016	1	1	1	1	1	1	1	1	1	1	1	1												
1	3P19C	.50	.460	(6.000)	(8.0)	2.000	(.850)	(.920)	(.200)	(****)	(1.)	.749	.016	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)												
1	3P232A	10.00	.460	(6.000)	(8.0)	2.000	(.850)	(.920)	(.200)	(****)	(1.)	1.547	.034	1	1	1	1	1	1	1	1	1	1	1	1												
1	3P28A	3.00	.460	(6.000)	(8.0)	2.000	(.850)	(.920)	(.200)	(****)	(1.)	.197	.004	1	1	1	1	1	1	1	1	1	1	1	1												
1	3P34A	.75	.460	(6.000)	(8.0)	2.000	(.850)	(.920)	(.200)	(****)	(1.)	.818	.018	1	1	1	1	1	1	1	1	1	1	1	1												
1	3P4	10.00	.460	(6.000)	(8.0)	2.000	(.850)	(.920)	(.200)	(****)	(1.)	.597	.013	1	1	1	1	1	1	1	1	1	1	1	1												
1	3P43	5.00	.460	(6.000)	(8.0)	2.000	(.850)	(.920)	(.200)	(****)	(1.)	.541	.012	1	1	1	1	1	1	1	1	1	1	1	1												
1	3P49	.75	.460	(6.000)	(8.0)	2.000	(.850)	(.920)	(.200)	(****)	(1.)	.273	.006	1	1	1	1	1	1	1	1	1	1	1	1												
1	3P5	40.00	.460	(6.000)	(8.0)	2.000	(.850)	(.920)	(.200)	(****)	(1.)	.036	.009	1	1	1	1	1	1	1	1	1	1	1	1												
1	3V14A	7.50	.460	(6.000)	(8.0)	2.000	(.850)	(.920)	(.200)	(****)	(1.)	.883	.019	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)												
1	3V16	2.00	.460	(6.000)	(8.0)	2.000	(.850)	(.920)	(.200)	(****)	(1.)	.210	.005	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)												
1	3V18	7.50	.460	(6.000)	(8.0)	2.000	(.850)	(.920)	(.200)	(****)	(1.)	.474	.010	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)												
1	3V19A	15.00	.460	(6.000)	(8.0)	2.000	(.850)	(.920)	(.200)	(****)	(1.)	.135	.004	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)												
1	3V31B	3.00	.460	(6.000)	(8.0)	2.000	(.850)	(.920)	(.200)	(****)	(1.)	.660	.014	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)												
1	3V32B	.75	.460	(6.000)	(8.0)	2.000	(.850)	(.920)	(.200)	(****)	(1.)	.490	.011	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)												
1	3V4	5.00	.460	(6.000)	(8.0)	2.000	(.850)	(.920)	(.200)	(****)	(1.)	.579	.013	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)												
1	3V6A	7.50	.460	(6.000)	(8.0)	2.000	(.850)	(.920)	(.200)	(****)	(1.)	.268	.006	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)												
1	P51A	1.00	.460	(6.000)	(8.0)	2.000	(.850)	(.920)	(.200)	(****)	(1.)	.749	.016	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)												
1	3X03	7.00	.460	(6.000)	(8.0)	2.000	(.850)	(.920)	(.200)	(****)	(1.)	.102	.011	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)												
1	3NF20A/	1.50	.460	(6.000)	(8.0)	2.000	(.850)	(.920)	(.200)	(****)	(1.)	.169	.005	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)												
1	3X02	9.00	.460	(6.000)	(8.0)	2.000	(.850)	(.920)	(.200)	(****)	(1.)	.073	.008	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)												
1	3V5	.50	.460	(6.000)	(8.0)	2.000	(.850)	(.920)	(.200)	(****)	(1.)	.204	.004	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)												
1	3X01	170.00	.460	(6.000)	(1.2)	2.000	(.850)	(.920)	(.200)	(****)	(1.)	.005	.006	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)												

```
T                                                  ***************
Y                                                  *  LOAD DATA  *
P                                                  ***************                                  0=ON
E                                                                                                   1=OFF
1 MOTOR     RATED     RATED LRA/      K1   SPEED OP PWR '  OP     ST    R-OHMS  MOT     CABLE     CON          VOLTAGE DROP
  NAME      HP        KV    FLA    FACTOR 3.6K=1 FACTOR   EFF     PF    T-T     SYN=2  RES  REAC  FOR        CONDITION CODES
                                          <3.6K=2                          IND=1                  S/C     (0=ON;1=OFF;2=STARTING)

2 GEN       RATED     RATED PU              X     X     X     X/R          ANG     CABLE     CON
  NAME      MVA       KV    OP              C&L   INT   GVD               DEG    RES  REAC  FOR
                          VOLT                                                                S/C

3 SYSTEM    S/C       X/R   PU      V/D   OHMS   % R/X' TRANSF REACT  REAC  ANG     CABLE     CON
  NAME      MVA             OP      MVA   FOR    FOR     MVA  -TOL   +TOL  DEG    RES  REAC  FOR
                            VOLT          REACT  REAC          OR    OR                      S/C
                                          OR 2%  OR %R        TRANSF TRANSF
                                          FOR    FOR           KV    TOL
                                         TRANSF  TRANSF
4 STATIC    RATED     RATED RATED                                                   CABLE     CON
  NAME      KVA       KV    PF                                                    RES  REAC  FOR
                                                                                            S/C  1  2  3  4  5  6  7  8  9 10 11
*****************************************************************************************************************************
1 3P90C       2.00    .460(6.000)(    8.0) 2.000 ( .850)( .920)(  .200)(****)( 1.)  .477   .015 (0) (0)(0)(0)(0)(0)(0)(0)(0)(0)(0)(0)
1 3P90B       2.00    .460(6.000)(    8.0) 2.000 ( .850)( .920)(  .200)(****)( 1.)  .486   .015 (0) (0)(0)(0)(0)(0)(0)(0)(0)(0)(0)(0)
1 3P90A       2.00    .460(6.000)(    8.0) 2.000 ( .850)( .920)(  .200)(****)( 1.)  .486   .015 (0) (0)(0)(0)(0)(0)(0)(0)(0)(0)(0)(0)
1 3XS75/7    20.00    .460(6.000)(    8.0) 2.000   .810 ( .920)(  .200)(****)( 1.)  .139   .015 (0) (0)(0)(0)(0)(0)(0)(0)(0)(0)(0)(0)
4 STATICL    15.00    .480 1.000  *******  *****  *****  *****  ******  ****  *** ( .000)( .000)(1) (0)(0)(0)(0)(0)(0)(0)(0)(0)(0)(0)
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BUS NAME	MIN ALLOWABLE VOLTAGE FOR S S	MIN ALLOWABLE VOLTAGE WHEN STARTING OTHER MOTORS	MAX # WARNINGS FOR LOW VOLT
3B07	96.00 %	82.00 %	30.0

****
* LOAD DATA *
****

TYPE																										
1	MOTOR NAME	RATED HP	RATED KV	LRA/ FLA	K1 FACTOR	SPEED 3.6K=1 <3.6K=2	OP PWR FACTOR	OP EFF	ST PF	R-OHMS T-T	MOT SYN=2 IND=1	CABLE RES	CABLE REAC	0=ON 1=OFF CON FOR S/C	VOLTAGE DROP CONDITION CODES (0=ON;1=OFF;2=STARTING)											
2	GEN NAME	RATED MVA	RATED KV	PU OP VOLT		X C&L	X INT	X GVD	X/R		ANG DEG	CABLE RES	CABLE REAC	CON FOR S/C												
3	SYSTEM NAME	S/C MVA	X/R	PU OP VOLT	V/D MVA	OHMS FOR REACT OR Z% FOR TRANSF	% R/X FOR REAC OR %R FOR TRANSF	TRANSF MVA	REACT -TOL OR TRANSF KV	REAC +TOL OR TRANSF TOL	ANG DEG	CABLE RES	CABLE REAC	CON FOR S/C												
4	STATIC NAME	RATED KVA	RATED KV	RATED PF								CABLE RES	CABLE REAC	CON FOR S/C	1	2	3	4	5	6	7	8	9	10	11
1	3P203A	15.00	.460	(6.000)(	8.0)	2.000	(.850)(	.920)(	.200)(	****)(	1.)	.036	.009	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1	3V1C	100.00	.460	7.750 (	1.2)	2.000	(.850)(	.920)(	.200)(	****)(	1.)	.018	.012	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	1
1	3V30C	30.00	.460	5.390 (	8.0)	2.000	(.850)(	.920)	.420	****)(	1.)	.262	.031	(0)	1	1	2	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1	3V3C	75.00	.460	6.060 (	1.2)	2.000	(.850)(	.920)	.350	****)(	1.)	.036	.024	(0)	1	1	1	1	1	2	(0)	(0)	(0)	(0)	(0)
1	P207A	6.00	.460	(6.000)(	8.0)	2.000	(.850)(	.920)(	.200)(	****)(	1.)	.262	.006	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1	T206	1.50	.460	(6.000)(	8.0)	2.000	(.850)(	.920)(	.200)(	****)(	1.)	.588	.013	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1	3V2B	60.00	.460	(6.000)(	1.2)	2.000	(.850)(	.920)(	.200)(	****)(	1.)	.066	.025	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1	3V65A	2.00	.460	(6.000)(	8.0)	2.000	(.850)(	.920)(	.200)(	****)(	1.)	.855	.027	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1	P42A	7.50	.460	(6.000)(	8.0)	2.000	(.850)(	.920)(	.200)(	****)(	1.)	.133	.004	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
4	3D02	71.00	.480	1.000	*******	*****	*****	*****	******	****	***	.025	.017	(1)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
4	STATICL	1.00	.480	1.000	*******	*****	*****	*****	******	****	***	(.000)(	.000)	(1)	1	1	1	1	1	1	1	1	1	1	1
1	MOV716A	1.30	.460	3.700 (	8.0)	2.000	.850	.600	.600	****)(	1.)	.313	.007	(0)	2	(0)	(0)	(0)	(0)	1	1	1	1	1	1
1	MOV744A	10.50	.460	7.200 (	8.0)	2.000	.850	.800	.600	****)(	1.)	.384	.027	(0)	2	(0)	(0)	(0)	(0)	1	1	1	1	1	1
1	MOV843A	1.58	.460	7.400 (	8.0)	2.000	.850	.500	.600	****)(	1.)	.259	.006	(0)	2	(0)	(0)	(0)	(0)	1	1	1	1	1	1
1	MOV880A	2.00	.460	3.700 (	8.0)	2.000	.850	.630	.600	****)(	1.)	.280	.006	(0)	2	(0)	(0)	(0)	(0)	1	1	1	1	1	1
1	MOV1401	.33	.460	7.300 (	8.0)	2.000	.850	.480	.600	****)(	1.)	1.019	.022	(0)	2	(0)	(0)	(0)	(0)	1	1	1	1	1	1
1	MOV1426	.25	.460	4.900 (	8.0)	2.000	.850	.500	.600	****)(	1.)	.335	.007	(0)	2	(0)	(0)	(0)	(0)	1	1	1	1	1	1
1	MOV6386	.13	.460	7.100 (	8.0)	2.000	.850	.320	.600	****)(	1.)	.705	.022	(0)	2	(0)	(0)	(0)	(0)	1	1	1	1	1	1

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                          BUS NAME                MIN  ALLOWABLE          MIN  ALLOWABLE
                                                  VOLTAGE FOR S S       VOLTAGE WHEN STARTING  MAX  # WARNINGS FOR LOW VOLT
                                                                          OTHER MOTORS
                          3B53                       90.00  %                 80.00  %                  30.0
T                                                 ****************
Y                                                 *  LOAD DATA  *
P                                                 ****************                          0=ON
E                                                                                           1=OFF
1 MOTOR      RATED     RATED LRA/     K1   SPEED OP PWR    OP      ST     R-OHMS  HOT      CABLE     CON            VOLTAGE DROP
  NAME       HP        KV    FLA    FACTOR 3.6K=1 FACTOR   EFF     PF     T-T    SYN=2  RES   REAC  FOR           CONDITION CODES
                                           <3.6K=2                               IND=1             S/C        (0=ON;1=OFF;2=STARTING)

2 GEN        RATED     RATED PU                X       X       X     X/R          ANG      CABLE     CON
  NAME       MVA       KV    OP               C&L     INT     GVD                 DEG   RES   REAC  FOR
                             VOLT                                                                    S/C

3 SYSTEM     S/C       X/R   PU        V/D   OHMS    % R/X  TRANSF REACT    REAC  ANG      CABLE     CON
  NAME       MVA             OP        MVA   FOR     FOR     MVA   -TOL     +TOL  DEG   RES   REAC  FOR
                             VOLT            REACT   REAC          OR       OR                       S/C
                                             OR Z%  OR X%          TRANSF   TRANSF
                                             FOR     FOR           KV       TOL
                                             TRANSF  TRANSF
4 STATIC     RATED     RATED RATED                                                         CABLE     CON
  NAME       KVA       KV    PF                                                         RES   REAC  FOR
                                                                                                     S/C  1  2  3  4  5  6  7  8  9 10 11
*****************************************************************************************************************************************
  HVACHP     18.00     .460(6.000)(    8.0) 2.000 ( .850)( .920)(  .200)(****)( 1.)( .000)( .000)(0) (0)(0)(0)(0)(0)(0)(0)(0)(0)(0)(0)
4 HVACKW     27.00     .460 1.000 ******* ***** ***** ***** ****** **** *** ( .000)( .000)(1) (0)(0)(0)(0)(0)(0)(0)(0)(0)(0)(0)
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                                                                                   JOB ID 3/06/91
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                       BUS NAME                 MIN  ALLOWABLE       MIN  ALLOWABLE
                                                VOLTAGE FOR S S    VOLTAGE WHEN STARTING  MAX  # WARNINGS FOR LOW VOLT
                                                                      OTHER MOTORS
                       3B08V                      96.00  %              82.00  %                   30.0
 T                                              ****************
 Y                                              *  LOAD DATA  *
 P                                              ****************
 E                                                                                       0=ON
                                                                                         1=OFF
 1 MOTOR     RATED    RATED LRA/     K1    SPEED  OP PWR    OP      ST    R-OHMS  MOT      CABLE     CON          VOLTAGE DROP
   NAME      HP       KV    FLA    FACTOR 3.6K=1 FACTOR     EFF     PF    T-T     SYN=2  RES  REAC  FOR        CONDITION CODES
                                          <3.6K=2                                 IND=1             S/C      (0=ON;1=OFF;2=STARTING)

 2 GEN       RATED    RATED PU                X       X        X      X/R         ANG      CABLE     CON
   NAME      MVA      KV    OP               C&L     INT      GVD                 DEG    RES  REAC  FOR
                            VOLT                                                                     S/C

 3 SYSTEM    S/C      X/R   PU       V/D   OHMS   % R/X   TRANSF  REACT   REAC    ANG      CABLE     CON
   NAME      MVA            OP       MVA   FOR     FOR     MVA    -TOL    +TOL    DEG    RES  REAC  FOR
                            VOLT           REACT   REAC            OR      OR                        S/C
                                           OR Z%  OR %R           TRANSF  TRANSF
                                           FOR     FOR             KV      TOL
                                           TRANSF  TRANSF

 4 STATIC    RATED    RATED RATED                                                          CABLE     CON
   NAME      KVA      KV    PF                                                           RES  REAC  FOR
                                                                                                     S/C  1  2  3  4  5  6  7  8  9 10 11
*****************************************************************************************************************************************
    V1D     100.00    .460 7.750 (    1.2) 2.000 ( .850)( .920)(  .200)(****)( 1.)  .016   .011 (0) (0)(0)(0)(0)(0)(0)(0)(0)(0)(0) 1
    3V30B    30.00    .460 5.390 (    8.0) 2.000 ( .850)( .920)   .420 (****)( 1.)  .249   .029 (0)  1  1  1  2 (0)(0)(0)(0)(0)(0)(0)
  1 3V3B     75.00    .460 6.060 (    1.2) 2.000 ( .850)( .920)   .350 (****)( 1.)  .038   .026 (0)  1  1  1  1  1  1  2 (0)(0)(0)(0)
  1 V11      10.00    .460(6.000)(    8.0) 2.000 ( .850)( .920)(  .200)(****)( 1.)  .204   .004 (0) (0)(0)(0)(0)(0)(0)(0)(0)(0)(0)(0)
  1 V29B      1.00    .460(6.000)(    8.0) 2.000 ( .850)( .920)(  .200)(****)( 1.)  .534   .017 (0)  2 (0)(0)(0)(0)(0)(0)(0)(0)(0)(0)
  1 E16C/17  34.00    .460(6.000)(    8.0) 2.000 ( .850)( .920)(  .200)(****)( 1.)  .188   .021 (0) (0)(0)(0)(0)(0)(0)(0)(0)(0)(0)(0)
  1 C1       75.00    .460(6.000)(    1.2) 2.000 ( .850)( .920)(  .200)(****)( 1.)  .025   .017  1   1  1  1  1  1  1  1  1  1  1  1
  1 E16D     36.00    .460(6.000)(   .8.0) 2.000 ( .850)( .920)(  .200)(****)( 1.)  .048   .009 (0) (0)(0)(0)(0)(0)(0)(0)(0)(0)(0)(0)
  1 P42B      3.00    .460(6.000)(    8.0) 2.000 ( .850)( .920)(  .200)(****)( 1.)  .671   .015 (0) (0)(0)(0)(0)(0)(0)(0)(0)(0)(0)(0)
  1 V77/E23  36.00    .460(6.000)(    8.0) 2.000 ( .850)( .920)(  .200)(****)( 1.)  .077   .014 (0) (0)(0)(0)(0)(0)(0)(0)(0)(0)(0)(0)
  1 NS74B    60.00    .460(6.000)(    1.2) 2.000 ( .850)( .920)(  .200)(****)( 1.)  .069   .032 (0) (0)(0)(0)(0)(0)(0)(0)(0)(0)(0)(0)
  1 S77B      5.00    .460(6.000)(    8.0) 2.000 ( .850)( .920)(  .200)(****)( 1.)  .807   .026 (0) (0)(0)(0)(0)(0)(0)(0)(0)(0)(0)(0)
  1 S78B      5.00    .460(6.000)(    8.0) 2.000 ( .850)( .920)(  .200)(****)( 1.)  .716   .023 (0) (0)(0)(0)(0)(0)(0)(0)(0)(0)(0)(0)
  1 S75B      5.00    .460(6.000)(    8.0) 2.000 ( .850)( .920)(  .200)(****)( 1.)  .639   .020 (0) (0)(0)(0)(0)(0)(0)(0)(0)(0)(0)(0)
  4 4D25A     1.00    .480 1.000 *******  *****  *****  *****  ******  ****  ***    .047   .011 (1) (0)(0)(0)(0)(0)(0)(0)(0)(0)(0)(0)
  4 4D02A    70.60    .480 1.000 *******  *****  *****  *****  ******  ****  ***    .023   .010 (1)  1  1  1  1  1  1  1  1  1  1  1
  4 STATICL   1.00    .480 1.000 *******  *****  *****  *****  ******  ****  *** ( .000)( .000)(1) (0)(0)(0)(0)(0)(0)(0)(0)(0)(0)(0)
  1 MOV1404    .33    .460 3.600 (    8.0) 2.000   .850    .290    .600 (****)( 1.)  .591   .019 (0)  2 (0)(0)(0)(0) 1  1  1  1  1  1
  1 MOV1417   1.50    .460 5.700 (    8.0) 2.000   .850    .500    .600 (****)( 1.)  .463   .010 (0)  2 (0)(0)(0)(0) 1  1  1  1  1  1
  1 MOV6552    .13    .460 7.100 (    8.0) 2.000   .850    .320    .600 (****)( 1.)  .508   .016 (0)  2 (0)(0)(0)(0) 1  1  1  1  1  1
  1 MOV6543    .13    .460 7.100 (    8.0) 2.000   .850    .320    .600 (****)( 1.)  .461   .015 (0)  2 (0)(0)(0)(0) 1  1  1  1  1  1

****************************************CHANGES TO LOAD DATA FOR VOLTAGE DROP CASE **************************************************

   DEVICE                CASE: 1       2       3       4       5       6       7       8       9      10      11
   NAME
  1 S78B    RATED HP       3.40    3.40    3.40    3.40    3.40    3.40    3.40    3.40    3.40    3.40    3.40
  1 S77B    RATED HP       3.40    3.40    3.40    3.40    3.40    3.40    3.40    3.40    3.40    3.40    3.40
  1 NS74B   RATED HP      50.50   50.50   50.50   50.50   50.50   50.50   50.50   50.50   50.50   50.50   50.50
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BUS NAME	MIN ALLOWABLE VOLTAGE FOR S S	MIN ALLOWABLE VOLTAGE WHEN STARTING OTHER MOTORS	MAX # WARNINGS FOR LOW VOLT
3B50	96.00 %	82.00 %	30.0

****
* LOAD DATA *
****

TYPE																																									
1	MOTOR NAME	RATED HP	RATED KV	LRA/ FLA	K1 FACTOR	SPEED 3.6K=1 <3.6K=2	OP PWR FACTOR	OP EFF	ST PF	R-OHMS T-T	MOT SYN=2 IND=1	CABLE RES	CABLE REAC	0=ON 1=OFF CON FOR S/C	VOLTAGE DROP CONDITION CODES (0=ON;1=OFF;2=STARTING)																									
2	GEN NAME	RATED MVA	RATED KV	PU OP VOLT		X C&L	X INT	X GVD	X/R		ANG DEG	CABLE RES	CABLE REAC	CON FOR S/C																									
3	SYSTEM NAME	S/C MVA	X/R	PU OP VOLT	V/D MVA	OHMS FOR REACT OR Z% FOR TRANSF	% R/X FOR REAC OR %R FOR TRANSF	TRANSF MVA	REACT -TOL OR TRANSF KV	REAC +TOL OR TRANSF TOL	ANG DEG	CABLE RES	CABLE REAC	CON FOR S/C																									
4	STATIC NAME	RATED KVA	RATED KV	RATED PF								CABLE RES	CABLE REAC	CON FOR S/C	1	2	3	4	5	6	7	8	9	10	11															
**********																																									
1	3P201C	150.00	.460	5.800	(1.2)	2.000	.900	(.920)	(.200)	(****)	(1.)	.021	.022	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)																

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BUS NAME	MIN ALLOWABLE VOLTAGE FOR S S	MIN ALLOWABLE VOLTAGE WHEN STARTING OTHER MOTORS	MAX # WARNINGS FOR LOW VOLT
3AB1	96.00 %	82.00 %	30.0

****
* LOAD DATA *
****

TYPE																																			
1	MOTOR NAME	RATED HP	RATED KV	LRA/ FLA	K1 FACTOR	SPEED 3.6K=1 <3.6K=2	OP PWR FACTOR	OP EFF	ST PF	R-OHMS T-T	HOT SYN=2 IND=1	CABLE RES	CABLE REAC	0=ON 1=OFF CON FOR S/C	VOLTAGE DROP CONDITION CODES (0=ON;1=OFF;2=STARTING)																				
2	GEN NAME	RATED MVA	RATED KV	PU OP VOLT		X C&L	X INT	X GVD	X/R		ANG DEG	CABLE RES	CABLE REAC	CON FOR S/C																					
3	SYSTEM NAME	S/C MVA	X/R	PU OP VOLT	V/D MVA	OHMS FOR REACT OR Z% FOR TRANSF	% R/X FOR REAC OR %R FOR TRANSF	TRANSF MVA	REACT -TOL OR TRANSF KV	REAC +TOL OR TRANSF TOL	ANG DEG	CABLE RES	CABLE REAC	CON FOR S/C																					
4	STATIC NAME	RATED KVA	RATED KV	RATED PF								CABLE RES	CABLE REAC	CON FOR S/C	1	2	3	4	5	6	7	8	9	10	11										
**********																																			
	3P200B	6000.00	4.000	6.320	(1.0)	2.000	(.850)	(.920)	(.200)	(****)	(1.)	.005	.015	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	2	(0)										
1	3P200C	6000.00	4.000	6.320	(1.0)	2.000	(.850)	(.920)	(.200)	(****)	(1.)	.005	.015	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)										

**********CHANGES TO LOAD DATA FOR VOLTAGE DROP CASE **********

DEVICE NAME		CASE: 1	2	3	4	5	6	7	8	9	10	11
1 3P200C	RATED HP	5061.00	5061.00	5061.00	5061.00	5061.00	5061.00	5061.00	5061.00	5061.00	5061.00	5061.00
1 3P200B	RATED HP	5061.00	5061.00	5061.00	5061.00	5061.00	5061.00	5061.00	5061.00	5061.00	6000.00	5061.00

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BUS NAME	MIN ALLOWABLE VOLTAGE FOR S S	MIN ALLOWABLE VOLTAGE WHEN STARTING OTHER MOTORS	MAX # WARNINGS FOR LOW VOLT
3AB2	96.00 %	82.00 %	30.0

****
* LOAD DATA *
****

TYPE	NAME	RATED HP / RATED MVA / RATED KVA	RATED KV	LRA/FLA / PU OP VOLT / RATED PF	K1 FACTOR / V/D MVA	SPEED 3.6K=1 <3.6K=2 / OHMS FOR REACT OR Z% FOR TRANSF	OP PWR FACTOR / X C&L / % R/X FOR REAC OR %R FOR TRANSF	OP EFF / X INT	ST PF / X GVD	TRANSF MVA	REACT -TOL OR TRANSF KV	R-OHMS T-T / REAC +TOL OR TRANSF TOL	HOT SYN=2 IND=1 / ANG DEG	CABLE RES	CABLE REAC	0=ON 1=OFF CON FOR S/C	VOLTAGE DROP CONDITION CODES (0=ON;1=OFF;2=STARTING) 1	2	3	4	5	6	7	8	9	10	11
1	3P11B	400.00	4.000	5.090	(1.2)	2.000	.850	.938	(.200)			(****)	(1.)	.030	.026	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1	3P210B	300.00	4.000	6.220	(1.2)	2.000	.890	.934	(.200)			(****)	(1.)	.034	.030	(0)	1	2	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1	3P211B	450.00	4.000	4.740	(1.2)	2.000	(.850)	(.920)	(.200)			(****)	(1.)	.037	.033	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1	3P215B	350.00	4.000	6.400	(1.0)	1.000	.880	.940	(.200)			(****)	(1.)	.037	.033	(0)	1	2	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1	3P3B	800.00	4.000	5.940	(1.2)	2.000	.890	.944	(.200)			(****)	(1.)	.027	.024	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1	3P6B	2250.00	4.000	7.060	(1.0)	2.000	.900	.958	(.200)			(****)	(1.)	.004	.005	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1	3P7D	1250.00	4.000	4.570	(1.0)	2.000	(.850)	(.920)	(.200)			(****)	(1.)	.029	.038	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1	3P7B	1250.00	4.000	4.570	(1.0)	2.000	(.850)	(.920)	(.200)			(****)	(1.)	.029	.038	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1	3P9B	325.00	4.000	5.800	(1.2)	2.000	.820	.928	(.200)			(****)	(1.)	.045	.040	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
2	DG3B	3.00	4.160	1.000	*******		.270	.405	1.534	30.000	****	(0.)		.003	.011	1	1	1	1	1	1	1	1	1	1	1	1

**********CHANGES TO LOAD DATA FOR VOLTAGE DROP CASE **********

DEVICE NAME		CASE: 1	2	3	4	5	6	7	8	9	10	11
1 3P6B	RATED HP	2210.00	2210.00	2210.00	2210.00	2210.00	2210.00	2210.00	2210.00	2210.00	2210.00	2210.00
1 3P3B	RATED HP	700.00	700.00	700.00	700.00	700.00	700.00	800.00	800.00	700.00	700.00	700.00

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                                                      ELECTRICAL AUXILIARY DESIGN

                                   BUS NAME                   MIN  ALLOWABLE         MIN  ALLOWABLE
                                                              VOLTAGE FOR S S      VOLTAGE WHEN STARTING  MAX  # WARNINGS FOR LOW VOLT
                                                                                     OTHER MOTORS
                                   3B02                          96.00  %                82.00  %                    30.0
 T                                                            ***************
 Y                                                            *  LOAD DATA  *
 P                                                            ***************
 E                                                                                                      0=ON
                                                                                                        1=OFF
 1 MOTOR    RATED    RATED LRA/      K1   SPEED OP PWR    OP      ST    R-OHMS  MOT      CABLE      CON              VOLTAGE DROP
   NAME     HP       KV    FLA    FACTOR 3.6K=1 FACTOR   EFF     PF     T-T   SYN=2  RES   REAC    FOR             CONDITION CODES
                                         <3.6K=2                              IND=1                 S/C          (0=ON;1=OFF;2=STARTING)

 2 GEN      RATED    RATED PU                X      X       X      X/R           ANG      CABLE      CON
   NAME     MVA      KV    OP               C&L    INT     GVD                   DEG    RES   REAC   FOR
                           VOLT                                                                      S/C

 3 SYSTEM   S/C      X/R   PU        V/D    OHMS    % R/X  TRANSF REACT   REAC  ANG       CABLE      CON
   NAME     MVA            OP        MVA    FOR     FOR     MVA   -TOL    +TOL  DEG     RES   REAC   FOR
                           VOLT             REACT   REAC           OR      OR                        S/C
                                            OR Z%  OR X%         TRANSF  TRANSF
                                            FOR     FOR             KV    TOL
                                            TRANSF  TRANSF
 4 STATIC   RATED    RATED RATED                                                            CABLE      CON
   NAME     KVA      KV    PF                                                             RES   REAC   FOR
                                                                                                       S/C  1  2  3  4  5  6  7  8  9 10 11
 ******************************************************************************************************************************************
   3P2018   150.00    .460 5.800 (     1.2) 2.000     .900    .925 (  .200)(****)( 1.)  .032    .035 (0) (0)(0)(0)(0)(0)(0)(0)(0)(0)(0)(0)
 1 3V18     100.00    .460 7.750 (     1.2) 2.000 ( .850)( .920)(  .200)(****)( 1.)  .051    .035 (0) (0)(0)(0)(0)(0)(0)(0)(0)(0)(0) 1
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EBASCO SERVICES INCORPORATED
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BUS NAME	MIN ALLOWABLE VOLTAGE FOR S S	MIN ALLOWABLE VOLTAGE WHEN STARTING OTHER MOTORS	MAX # WARNINGS FOR LOW VOLT
3B04	96.00 %	82.00 %	30.0

****
* LOAD DATA *
****

TYPE																																					
1	MOTOR NAME	RATED HP	RATED KV	LRA/ FLA	K1 FACTOR	SPEED 3.6K=1 <3.6K=2	OP PWR FACTOR	OP EFF	ST PF	R-OHMS T-T	HOT SYN=2 IND=1	CABLE RES	CABLE REAC	0=ON 1=OFF CON FOR S/C	VOLTAGE DROP CONDITION CODES (0=ON;1=OFF;2=STARTING)																					
2	GEN NAME	RATED MVA	RATED KV	PU OP VOLT		X C&L	X INT	X GVD	X/R		ANG DEG	CABLE RES	CABLE REAC	CON FOR S/C																						
3	SYSTEM NAME	S/C MVA	X/R	PU OP VOLT	V/D MVA	OHMS FOR REACT OR Z% FOR TRANSF	% R/X FOR REAC OR %R FOR TRANSF	TRANSF MVA	REACT -TOL OR TRANSF KV	REAC +TOL OR TRANSF TOL	ANG DEG	CABLE RES	CABLE REAC	CON FOR S/C																						
4	STATIC NAME	RATED KVA	RATED KV	RATED PF								CABLE RES	CABLE REAC	CON FOR S/C	1	2	3	4	5	6	7	8	9	10	11												
1	3P2148	250.00	.460	6.540	(1.2)	1.000	.910	.940	.150	(****)	(1.)	.008	.018	(0)	1	1	2	(0)	(0)	(0)	(0)	(0)	(0)	(0)	2												
1	3S7B	150.00	.460	(6.000)	(1.2)	2.000	(.850)	(.920)	(.200)	(****)	(1.)	.020	.021	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)												
1	3H1	240.00	.460	(6.000)	(1.2)	2.000	(.850)	(.920)	(.200)	(****)	(1.)	.007	.005	1	1	1	1	1	1	1	1	1	1	1	1												
4	PH3B13	150.00	.480	1.000	*******	*****	*****	*****	******	****	***	.006	.009	(1)	1	1	1	1	1	1	1	1	1	1	1												

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BUS NAME	MIN ALLOWABLE VOLTAGE FOR S S	MIN ALLOWABLE VOLTAGE WHEN STARTING OTHER MOTORS	MAX # WARNINGS FOR LOW VOLT
3B06	96.00 %	82.00 %	30.0

****
* LOAD DATA *
****

TYPE																																									
1	MOTOR NAME	RATED HP	RATED KV	LRA/ FLA	K1 FACTOR	SPEED 3.6K=1 <3.6K=2	OP PWR FACTOR	OP EFF	ST PF	R-OHMS T-T	MOT SYN=2 IND=1	CABLE RES	CABLE REAC	0=ON 1=OFF CON FOR S/C	VOLTAGE DROP CONDITION CODES (0=ON;1=OFF;2=STARTING)																										
2	GEN NAME	RATED MVA	RATED KV	PU OP VOLT		X C&L	X INT	X GVD	X/R		ANG DEG	CABLE RES	CABLE REAC	CON FOR S/C																										
3	SYSTEM NAME	S/C MVA	X/R	PU OP VOLT	V/D MVA	OHMS FOR REACT OR Z% FOR TRANSF	% R/X FOR REAC OR %R FOR TRANSF	TRANSF MVA	REACT -TOL OR TRANSF KV	REAC +TOL OR TRANSF TOL	ANG DEG	CABLE RES	CABLE REAC	CON FOR S/C																										
4	STATIC NAME	RATED KVA	RATED KV	RATED PF								CABLE RES	CABLE REAC	CON FOR S/C	1	2	3	4	5	6	7	8	9	10	11																
1	3P203B	15.00	.460	(6.000)	(8.0)	2.000	(.850)	(.920)	(.200)	(****)	(1.)	.123	.030	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)																	
1	3V20	20.00	.460	(6.000)	(8.0)	2.000	(.850)	(.920)	(.200)	(****)	(1.)	.183	.009	1	1	1	1	1	1	1	1	1	1	1	1																	
1	3V2A	60.00	.460	(6.000)	(1.2)	2.000	(.850)	(.920)	(.200)	(****)	(1.)	.054	.020	(0)	1	1	1	1	1	1	1	1	1	1	1																	
1	3V30A	30.00	.460	5.390	(8.0)	2.000	(.850)	(.920)	.420	(****)	(1.)	.194	.026	(0)	1	1	2	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)																	
1	3V3A	75.00	.460	6.060	(1.2)	2.000	(.850)	(.920)	.350	(****)	(1.)	.032	.022	(0)	1	1	1	1	1	2	(0)	(0)	(0)	(0)	(0)																	
1	3V9	20.00	.460	(6.000)	(8.0)	2.000	(.850)	(.920)	(.200)	(****)	(1.)	.196	.010	1	1	1	1	1	1	1	1	1	1	1	1																	
1	E16A/17	34.00	.460	(6.000)	(8.0)	2.000	(.850)	(.920)	(.200)	(****)	(1.)	.131	.014	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)																	
1	E16E	36.00	.460	(6.000)	(8.0)	2.000	(.850)	(.920)	(.200)	(****)	(1.)	.039	.008	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)																	
1	3V6B	2.00	.460	(6.000)	(8.0)	2.000	(.850)	(.920)	(.200)	(****)	(1.)	.640	.014	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)																	
1	V8B	40.00	.460	(6.000)	(8.0)	2.000	(.850)	(.920)	(.200)	(****)	(1.)	.072	.017	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)																	
4	3D25	52.40	.480	1.000	*******	*****	*****	*****	******	****	***	.036	.009	(1)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)																	
4	STATICL	1.00	.480	1.000	*******	*****	*****	*****	******	****	***	(.000)	(.000)	(1)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)																	
1	MOV381	.42	.460	5.200	(8.0)	2.000	.850	.490	.600	(****)	(1.)	.720	.016	(0)	2	(0)	(0)	(0)	(0)	1	1	1	1	1	1																	
1	MOV626	1.00	.460	5.700	(8.0)	2.000	.850	.390	.600	(****)	(1.)	.791	.017	(0)	2	(0)	(0)	(0)	(0)	1	1	1	1	1	1																	
1	MOV716B	1.30	.460	3.700	(8.0)	2.000	.850	.600	.600	(****)	(1.)	.666	.014	(0)	2	(0)	(0)	(0)	(0)	1	1	1	1	1	1																	
1	MOV730	1.30	.460	3.700	(8.0)	2.000	.850	.600	.600	(****)	(1.)	.796	.017	(0)	2	(0)	(0)	(0)	(0)	1	1	1	1	1	1																	
1	MOV744B	10.30	.460	7.200	(8.0)	2.000	.850	.800	.600	(****)	(1.)	.568	.020	(0)	2	(0)	(0)	(0)	(0)	1	1	1	1	1	1																	
1	MOV843B	1.58	.460	7.400	(8.0)	2.000	.850	.500	.600	(****)	(1.)	.818	.018	(0)	2	(0)	(0)	(0)	(0)	1	1	1	1	1	1																	
1	MOV880B	2.00	.460	3.700	(8.0)	2.000	.850	.630	.600	(****)	(1.)	.731	.016	(0)	2	(0)	(0)	(0)	(0)	1	1	1	1	1	1																	
1	MOV1402	.33	.460	7.300	(8.0)	2.000	.850	.480	.600	(****)	(1.)	.640	.014	(0)	2	(0)	(0)	(0)	(0)	1	1	1	1	1	1																	
1	MOV1418	1.50	.460	5.700	(8.0)	2.000	.850	.500	.600	(****)	(1.)	.709	.015	(0)	2	(0)	(0)	(0)	(0)	1	1	1	1	1	1																	
1	MOV1425	.33	.460	5.200	(8.0)	2.000	.850	.380	.600	(****)	(1.)	.986	.021	(0)	2	(0)	(0)	(0)	(0)	1	1	1	1	1	1																	
1	MOV1421	5.30	.460	8.500	(8.0)	2.000	.850	.760	.600	(****)	(1.)	.528	.012	(0)	2	(0)	(0)	(0)	(0)	1	1	1	1	1	1																	

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                       BUS NAME                MIN  ALLOWABLE       MIN  ALLOWABLE
                                               VOLTAGE FOR S S    VOLTAGE WHEN STARTING  MAX  # WARNINGS FOR LOW VOLT
                                                                    OTHER MOTORS
                       B08N                       90.00  %             80.00  %                    30.0
T                                              ****************
Y                                              *  LOAD DATA  *
P                                              ****************
E                                                                                        0=ON
                                                                                         1=OFF
1 MOTOR     RATED   RATED LRA/      K1    SPEED OP PWR    OP     ST    R-OHMS  MOT     CABLE    CON          VOLTAGE DROP
  NAME      HP      KV    FLA     FACTOR 3.6K=1 FACTOR    EFF    PF     T-T   SYN=2  RES  REAC  FOR        CONDITION CODES
                                         <3.6K=2                               IND=1             S/C     (0=ON;1=OFF;2=STARTING)

2 GEN       RATED   RATED PU                 X       X      X     X/R          ANG     CABLE    CON
  NAME      MVA     KV    OP                C&L     INT    GVD                 DEG   RES  REAC  FOR
                          VOLT                                                                   S/C

3 SYSTEM    S/C     X/R   PU         V/D   OHMS   % R/X  TRANSF REACT   REAC   ANG     CABLE    CON
  NAME      MVA           OP         MVA   FOR    FOR     MVA   -TOL    +TOL   DEG   RES  REAC  FOR
                          VOLT             REACT  REAC           OR      OR                      S/C
                                           OR Z%  OR X%         TRANSF  TRANSF
                                           FOR    FOR            KV     TOL
                                           TRANSF TRANSF
4 STATIC    RATED   RATED RATED
  NAME      KVA     KV    PF                                                           CABLE    CON
                                                                                     RES  REAC  FOR
                                                                                                 S/C  1  2  3  4  5  6  7  8  9 10 11
  ***********************************************************************************************************************************
  3P204B     6.00   .460(6.000)(    8.0) 2.000 ( .850)( .920)(  .200)(****)( 1.)  .297   .007 (0) (0)(0)(0)(0)(0)(0)(0)(0)(0)(0)(0)
1 3P26B      3.00   .460(6.000)(    8.0) 2.000 ( .850)( .920)(  .200)(****)( 1.)  .371   .008  1   1  1  1  1  1  1  1  1  1  1  1
1 P20B      20.00   .460(6.000)(    8.0) 2.000 ( .850)( .920)(  .200)(****)( 1.)  .119   .006 (0) (0)(0)(0)(0)(0)(0)(0)(0)(0)(0)(0)
1 4P26B      3.00   .460(6.000)(    8.0) 2.000 ( .850)( .920)(  .200)(****)( 1.)  .494   .011  1   1  1  1  1  1  1  1  1  1  1  1
1 P84A      20.00   .460(6.000)(    8.0) 2.000 ( .850)( .920)(  .200)(****)( 1.)  .116   .006  1   1  1  1  1  1  1  1  1  1  1  1
1 3P24B      3.00   .460(6.000)(    8.0) 2.000 ( .850)( .920)(  .200)(****)( 1.)  .532   .012 (0) (0)(0)(0)(0)(0)(0)(0)(0)(0)(0)(0)
1 P20         .50   .460(6.000)(    8.0) 2.000 ( .850)( .920)(  .200)(****)( 1.)  .854   .019 (0) (0)(0)(0)(0)(0)(0)(0)(0)(0)(0)(0)
1 P21         .50   .460(6.000)(    8.0) 2.000 ( .850)( .920)(  .200)(****)( 1.)  .879   .019 (0) (0)(0)(0)(0)(0)(0)(0)(0)(0)(0)(0)
1 3P25B      3.00   .460(6.000)(    8.0) 2.000 ( .850)( .920)(  .200)(****)( 1.)  .338   .007 (0) (0)(0)(0)(0)(0)(0)(0)(0)(0)(0)(0)
1 P22         .50   .460(6.000)(    8.0) 2.000 ( .850)( .920)(  .200)(****)( 1.)  .877   .019 (0) (0)(0)(0)(0)(0)(0)(0)(0)(0)(0)(0)
1 P220       3.00   .460(6.000)(    8.0) 2.000 ( .850)( .920)(  .200)(****)( 1.)  .271   .006 (0) (0)(0)(0)(0)(0)(0)(0)(0)(0)(0)(0)
1 4P24B      3.00   .460(6.000)(    8.0) 2.000 ( .850)( .920)(  .200)(****)( 1.)  .472   .010  1   1  1  1  1  1  1  1  1  1  1  1
1 4P25B      3.00   .460(6.000)(    8.0) 2.000 ( .850)( .920)(  .200)(****)( 1.)  .494   .011  1   1  1  1  1  1  1  1  1  1  1  1
1 P84B      20.00   .460(6.000)(    8.0) 2.000 ( .850)( .920)(  .200)(****)( 1.)  .117   .006  1   1  1  1  1  1  1  1  1  1  1  1
1 4P16A     50.00   .460(6.000)(    1.2) 2.000 ( .850)( .920)(  .200)(****)( 1.)  .054   .013 (0) (0)(0)(0)(0)(0)(0)(0)(0)(0)(0)(0)
1 3P16A     50.00   .460(6.000)(    1.2) 2.000 ( .850)( .920)(  .200)(****)( 1.)  .054   .013 (0) (0)(0)(0)(0)(0)(0)(0)(0)(0)(0)(0)
1 3V36A      2.00   .460(6.000)(    8.0) 2.000 ( .850)( .920)(  .200)(****)( 1.)  .340   .007 (0) (0)(0)(0)(0)(0)(0)(0)(0)(0)(0)(0)
1 V78        5.00   .460(6.000)(    8.0) 2.000 ( .850)( .920)(  .200)(****)( 1.)  .293   .009 (0) (0)(0)(0)(0)(0)(0)(0)(0)(0)(0)(0)
4 NS233H    27.40   .480  .850 *******  *****  *****  *****  ******  ****  ***    .116   .013 (1) (0)(0)(0)(0)(0)(0)(0)(0)(0)(0)(0)
4 STATICL    1.00   .480 1.000 *******  *****  *****  *****  ******  ****  *** ( .000)( .000)(1) (0)(0)(0)(0)(0)(0)(0)(0)(0)(0)(0)
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EBASCO SERVICES INCORPORATED
AUXSYS4078-12/31/89
ELECTRICAL AUXILIARY DESIGN

BUS NAME	MIN ALLOWABLE VOLTAGE FOR S S	MIN ALLOWABLE VOLTAGE WHEN STARTING OTHER MOTORS	MAX # WARNINGS FOR LOW VOLT
3B52	96.00 %	82.00 %	30.0

****
* LOAD DATA *
****

TYPE	NAME	RATED HP / RATED HVA / RATED S/C HVA	RATED KV / RATED X/R	LRA/FLA / PU OP VOLT	K1 FACTOR / V/D HVA	SPEED 3.6K=1 <3.6K=2 / OHMS FOR REACT OR ZX FOR TRANSF	OP PWR FACTOR / % R/X FOR REAC OR XR FOR TRANSF	OP EFF / X C&L / X INT	ST PF / X GVD / TRANSF HVA	X/R / REACT -TOL OR TRANSF KV	R-OHMS T-T / REAC +TOL OR TRANSF TOL	HOT SYN=2 IND=1 / ANG DEG	CABLE RES	CABLE REAC	0=ON 1=OFF CON FOR S/C	VOLTAGE DROP CONDITION CODES (0=ON;1=OFF;2=STARTING)
1	MOTOR	RATED	RATED	LRA/	K1	SPEED	OP PWR	OP	ST		R-OHMS	HOT	CABLE		CON	
	NAME	HP	KV	FLA	FACTOR	3.6K=1 <3.6K=2	FACTOR	EFF	PF		T-T	SYN=2 IND=1	RES	REAC	FOR S/C	VOLTAGE DROP CONDITION CODES (0=ON;1=OFF;2=STARTING)
2	GEN	RATED	RATED	PU			X	X	X	X/R		ANG	CABLE		CON	
	NAME	HVA	KV	OP VOLT			C&L	INT	GVD			DEG	RES	REAC	FOR S/C	
3	SYSTEM	S/C	X/R	PU	V/D	OHMS	% R/X	TRANSF	REACT	REAC		ANG	CABLE		CON	
	NAME	HVA		OP VOLT	HVA	FOR REACT OR ZX FOR TRANSF	FOR REAC OR XR FOR TRANSF	HVA	-TOL OR TRANSF KV	+TOL OR TRANSF TOL		DEG	RES	REAC	FOR S/C	
4	STATIC	RATED	RATED	RATED									CABLE		CON	
	NAME	KVA	KV	PF									RES	REAC	FOR S/C	1 2 3 4 5 6 7 8 9 10 11

	3C2B	5.00	.460	(6.000)	(8.0)	2.000	(.850)	(.920)	(.200)	(****)	(1.)		.125	.004	(0)	2	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1	3V34B	5.00	.460	(6.000)	(8.0)	2.000	(.850)	(.920)	(.200)	(****)	(1.)		.021	.002	(0)	2	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1	3P10B	.75	.460	(6.000)	(8.0)	2.000	(.850)	(.920)	(.200)	(****)	(1.)		.162	.005	(0)	2	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1	3V65B	2.00	.460	(6.000)	(8.0)	2.000	(.850)	(.920)	(.200)	(****)	(1.)		1.003	.032	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1	3S230	7.00	.460	(6.000)	(8.0)	2.000	(.850)	(.920)	(.200)	(****)	(1.)		.396	.042	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
4	3C13B	17.00	.480	1.000	*******	*****	*****	*****	******	****	***		.018	.002	(1)	2	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
4	STATICL	1.00	.480	1.000	*******	*****	*****	*****	******	****	***	(	.000)	(.000)	(1)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)

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                       BUS NAME             MIN  ALLOWABLE       MIN  ALLOWABLE
                                            VOLTAGE FOR S S    VOLTAGE WHEN STARTING  MAX  # WARNINGS FOR LOW VOLT
                                                                 OTHER MOTORS
                       3B54                    90.00  %            80.00  %                   30.0
T                                           ****************
Y                                           *  LOAD DATA   *
P                                           ****************
E                                                                                      0=ON
                                                                                       1=OFF
1 MOTOR     RATED     RATED LRA/     K1   SPEED OP PWR    OP     ST    R-OHMS  MOT     CABLE    CON              VOLTAGE DROP
  NAME      HP        KV    FLA    FACTOR 3.6K=1 FACTOR   EFF    PF    T-T    SYN=2  RES  REAC  FOR            CONDITION CODES
                                          <3.6K=2                             IND=1             S/C      (0=ON;1=OFF;2=STARTING)

2 GEN       RATED     RATED PU               X       X      X     X/R          ANG     CABLE    CON
  NAME      MVA       KV    OP              C&L     INT    GVD                 DEG   RES  REAC  FOR
                            VOLT                                                                S/C

3 SYSTEM    S/C       X/R   PU      V/D   OHMS    % R/X  TRANSF REACT   REAC  ANG      CABLE    CON
  NAME      MVA             OP      MVA   FOR     FOR     MVA   -TOL    +TOL  DEG    RES  REAC  FOR
                            VOLT          REACT   REAC          OR      OR                      S/C
                                          OR Z%  OR X%          TRANSF  TRANSF
                                          FOR     FOR           KV      TOL
                                          TRANSF  TRANSF
4 STATIC    RATED     RATED RATED                                                      CABLE    CON
  NAME      KVA       KV    PF                                                       RES  REAC  FOR
                                                                                            .   S/C  1  2  3  4  5  6  7  8  9 10 11
.*********************************************************************************************************************************
  HVACHP    18.00     .460 1.000 (    8.0) 2.000 ( .850)( .920)(   .200)(****)( 1.)( .000)( .000)(0) (0)(0)(0)(0)(0)(0)(0)(0)(0)(0)(0)
4 HVACKW    27.00     .480 1.000 *******  *****  *****  *****  ******  ****   *** ( .000)( .000)(1) (0)(0)(0)(0)(0)(0)(0)(0)(0)(0)(0)
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                        BUS NAME            MIN  ALLOWABLE       MIN  ALLOWABLE
                                            VOLTAGE FOR S S    VOLTAGE WHEN STARTING  MAX  # WARNINGS FOR LOW VOLT
                                                                OTHER MOTORS
                        2BUS113              ( 90.00) %          ( 70.70) %                 ( 5.0)
T                                           ****************
Y                                           *  LOAD DATA  *
P                                           ****************                     0=ON
E                                                                                1=OFF
1 MOTOR     RATED    RATED LRA/     K1    SPEED OP PWR    OP      ST    R-OHMS  MOT     CABLE    CON          VOLTAGE DROP
  NAME      HP       KV    FLA    FACTOR 3.6K=1 FACTOR   EFF      PF     T-T   SYN=2  RES  REAC  FOR        CONDITION CODES
                                         <3.6K=2                               IND=1             S/C     (0=ON;1=OFF;2=STARTING)

2 GEN       RATED    RATED PU                 X      X       X      X/R          ANG     CABLE    CON
  NAME      MVA      KV    OP                C&L    INT     GVD                  DEG    RES  REAC  FOR
                           VOLT                                                                  S/C

3 SYSTEM    S/C      X/R   PU       V/D   OHMS    % R/X  TRANSF REACT   REAC   ANG     CABLE    CON
  NAME      MVA            OP       MVA   FOR     FOR     MVA   -TOL    +TOL   DEG    RES  REAC  FOR
                           VOLT           REACT   REAC           OR      OR                      S/C
                                          OR Z%  OR XR          TRANSF  TRANSF
                                          FOR     FOR            KV     TOL
                                          TRANSF  TRANSF
4 STATIC    RATED    RATED RATED                                                         CABLE    CON
  NAME      KVA      KV    PF                                                           RES  REAC  FOR
                                                                                                 S/C  1  2  3  4  5  6  7  8  9 10 11
*************************************************************************************************************************************
SWICHYD15000.00  19.000 1.008   4435.0    .000    .000    .000 (  .000)(  .0)( 0.)( .000)( .000)(0) (0)(0)(0)(0)(0)(0)(0)(0)(0)(0)(0)
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BUS TIE CONNECTION DATA
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T  (NOTE: "C"=CABLE "T"=TRANSFORMER "R"=REACTOR ***=IMP  FOR 3-WIND  **=IMP  FOR 2-WIND )
Y
P TIE  BUS OR  BUS OR  TERM NAME
E NAME  TERM    TERM   AWAY FROM
         NAME   NAME    CENTRAL
       TOWARD   AWAY    TRANSF
       CENTRAL  FROM    (USE THIS
       TRANSF  CENTRAL  COL  FOR
               TRANSF   3 -WIND
                         TRANSF )
C                                 CABLE    CABLE
                                  RESIS    REAC

T       (A)      (B)      (C)     TRANSF  TERM (A) TERM (B) TERM (C) TRANSF
                                   RATED   RATED    RATED    RATED    TOL
                                    MVA     VOLT     VOLT     VOLT     %

R                                 CABLE    CABLE    OHMS    REACTOR   +TOL    -TOL
                                  RESIS    REAC      X       X/R      FOR     FOR
                                                                      S/C     V/D
*****************************************************************************************************************
C TRLIN H1      2BUS113          ( .000)  ( .000)
C NONSG X1      3AA1               .000     .001
C NONSG Y1      3AB1               .000     .002
T 3X03  H1      X1      Y1       40.000  233.000    4.160   4.160    .000
***   ZH-X=16.640 %  RH-X=  .670 %  ZH-Y=16.900 %  RH-Y=  .680 %  ZX-Y=30.420 %  RX-Y= 1.220 %
R 3AA2  3AA1    3AA2             ( .000)  ( .000)     .04    80.0  (  .00) (  .00)
C 3AD   3AA2    3AD                .007     .016
C 3B01  X2      3B01             ( .000)  ( .000)
C 3B03  X4      3B03             ( .000)  ( .000)
C 3B05V 3B01    3B05V              .001     .003
C 3B05N 3B01    3B05N              .003     .003
C 3B07  3B03    3B07               .006     .013
C 3B08V 3B50    3B08V              .002     .004
C 3B50  3B03    3B50               .005     .010
C 3X04  3AA2    H2                 .004     .003
T 3X04  H2      X2                1.000    4.050     .480    .000   2.500
**    ZH-X= 5.540 %  RH-X=  .544 %
C 3X06  3AA2    H4                 .002     .002
T 3X06  H4      X4                1.000    4.050     .480    .000   2.500
**    ZH-X= 5.620 %  RH-X=  .544 %
R 3AB2  3AB1    3AB2             ( .000)  ( .000)     .04    80.0  (  .00) (  .00)
C 3B02  X3      3B02             ( .000)  ( .000)
C 3B04  X5      3B04             ( .000)  ( .000)
C 3B06  3B02    3B06               .004     .009
C B08N  3B04    B08N               .013     .014
C 3B52  3B04    3B52               .005     .010
T 3X05  H3      X3                1.000    4.050     .480    .000   2.500
**    ZH-X= 5.710 %  RH-X=  .544 %
C 3X05  3AB2    H3                 .003     .003
C 3X07  3AB2    H5                 .004     .003
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BUS TIE CONNECTION DATA

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T  (NOTE: "C"=CABLE "T"=TRANSFORMER "R"=REACTOR ***=IMP  FOR 3-WIND  **=IMP  FOR 2-WIND )
Y
P TIE  BUS OR  BUS OR  TERM NAME
E NAME  TERM    TERM   AWAY FROM
         NAME   NAME    CENTRAL
        TOWARD  AWAY    TRANSF
        CENTRAL FROM    (USE THIS
        TRANSF  CENTRAL COL  FOR
                TRANSF  3 -WIND
                         TRANSF )
C                                CABLE    CABLE
                                 RESIS    REAC

T       (A)      (B)      (C)    TRANSF  TERM (A) TERM (B) TERM (C) TRANSF
                                 RATED   RATED    RATED    RATED    TOL
                                  MVA     VOLT     VOLT     VOLT     %

R                                CABLE    CABLE    OHMS    REACTOR  +TOL    -TOL
                                 RESIS    REAC      X       X/R     FOR     FOR
                                                                    S/C     V/D
*****************************************************************************************************************
C 3B53  3B01    3B53              .002     .002
C 3B54  3B04    3B54              .002     .002
T 3X07  H5      X5               1.000    4.050     .480    .000   2.500
**    ZH-X= 5.710 %  RH-X=  .544 %
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SHORT CIRCUIT ANALYSIS

NOTE:
TYPE 1 FAULT= MEDIUM VOLTAGE FAULT CALCULATION
TYPE 2 FAULT= LOW VOLTAGE POWER CIRCUIT BREAKER FAULT CALCULATION
TYPE 3 FAULT= LOW VOLTAGE MOLDED CASE BREAKER FAULT CALCULATION

BASE MVA = 40.000

TYPE OF FAULT	FAULT BUS NAME	PER UNIT RESISTANCE	PER UNIT INT REACTANCE	PER UNIT C&L REACTANCE	X/R	INT KA	C&L KA	K3	K4	K5	BASE VOLTAGE (KV)
1	3AA1	.00523	.13996	.12641	24.0	42.9	70.3	1.08			4.160
1	3AA2	.00604	.21041	.18491	30.1	30.1	48.0	1.14			4.160
1	3AD	.02192	.24680	.22059	9.9	22.5	40.3	1.00			4.160
2	3B01	.17228	1.67827		9.7	28.7			1.06		.493
2	3B03	.18543	1.71339		9.2	27.9			1.06		.493
3	3B05V	.37473	2.08512		5.6	21.9				1.02	.493
3	3B05N	.54548	2.13374		3.9	20.7				1.00	.493
3	3B07	.88690	3.27464		3.7	13.4				1.00	.493
3	3B08V	.81099	3.13348		3.9	14.1				1.00	.493
1	3AB1	.00548	.14387	.13070	23.7	41.6	68.0	1.08			4.160
1	3AB2	.00630	.21588	.19213	30.1	29.3	46.2	1.14			4.160
2	3B02	.19656	1.91349		9.7	25.2			1.06		.493
2	3B04	.18811	1.92382		10.2	25.3			1.07		.493
3	3B06	.74703	3.02037		4.0	14.7				1.00	.493
3	B08N	1.82553	3.95991		2.2	10.5				1.00	.493
2	3B50	.66634	2.73502		4.1	16.2			1.00		.493
3	3B52	.96753	3.50812		3.6	12.5				1.00	.493
3	3B53	.43249	1.95500		4.5	22.8				1.00	.493
3	3B54	.50007	2.26866		4.5	19.6				1.00	.493

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VOLTAGE DROP ANALYSIS CASE #= 1

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
2BUS113	***PRIOR****	233.865KV=100.4% OF233.000KV	.0	.0	.0	.0
2BUS113	***DURING***	233.835KV=100.4% OF233.000KV	.0	.0	.0	.0
2BUS113	***AFTER****	233.861KV=100.4% OF233.000KV	.0	.0	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AA1	***PRIOR****	4.020KV= 96.6% OF 4.160KV	4110.5	2562.7	.0	.0
3AA1	***DURING***	4.014KV= 96.5% OF 4.160KV	4110.5	2562.7	.0	.0
3AA1	***AFTER****	4.019KV= 96.6% OF 4.160KV	4110.5	2562.7	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AB1	***PRIOR****	3.982KV= 95.7% OF 4.160KV	8222.3	5129.7	.0	.0
3AB1	***DURING***	3.976KV= 95.6% OF 4.160KV	8222.3	5129.7	.0	.0
3AB1	***AFTER****	3.981KV= 95.7% OF 4.160KV	8222.3	5129.7	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AA2	***PRIOR****	3.976KV= 95.6% OF 4.160KV	5253.0	2987.8	.0	.0
3AA2	***DURING***	3.968KV= 95.4% OF 4.160KV	5253.0	2987.8	.0	.0
3AA2	***AFTER****	3.975KV= 95.6% OF 4.160KV	5253.0	2987.8	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AD	***PRIOR****	3.974KV= 95.5% OF 4.160KV	626.8	409.1	.0	.0
3AD	***DURING***	3.966KV= 95.3% OF 4.160KV	626.8	409.1	.0	.0
3AD	***AFTER****	3.973KV= 95.5% OF 4.160KV	626.8	409.1	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B01	***PRIOR****	.460KV= 93.3% OF .493KV	247.0	138.7	.0	.0
3B01	***DURING***	.456KV= 92.5% OF .493KV	247.0	138.7	.0	.0
3B01	***AFTER****	.459KV= 93.1% OF .493KV	247.0	138.7	.0	.0

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VOLTAGE DROP ANALYSIS CASE #= 1

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B03	***PRIOR****	.458KV= 92.9% OF	.493KV	82.6	51.3	203.7	1.5
3B03	***DURING***	.453KV= 91.9% OF	.493KV	82.6	51.3	199.4	1.5
3B03	***AFTER****	.457KV= 92.7% OF	.493KV	82.6	51.3	203.1	1.5

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B05V	***PRIOR****	.459KV= 93.2% OF	.493KV	83.0	51.6	13.7	.0
3B05V	***DURING***	.455KV= 92.2% OF	.493KV	131.4	143.6	28.4	.0
3B05V	***AFTER****	.459KV= 93.0% OF	.493KV	100.2	62.0	28.9	.0

STARTING MOTOR NAME		HP			
3C2A	***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *
3C2A	***DURING***	5.0	.446KV= 97.0% OF	.460 KV	
3C2A	***AFTER****	5.0	.454KV= 98.7% OF	.460 KV	

STARTING MOTOR NAME		HP			
3P10	***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *
3P10	***DURING***	.8	.453KV= 98.6% OF	.460 KV	
3P10	***AFTER****	.8	.458KV= 99.5% OF	.460 KV	

STARTING MOTOR NAME		HP			
3V34	***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *
3V34	***DURING***	5.0	.447KV= 97.2% OF	.460 KV	
3V34	***AFTER****	5.0	.454KV= 98.8% OF	.460 KV	

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VOLTAGE DROP ANALYSIS CASE #= 1

STARTING MOTOR NAME	HP			
MOV1420***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *
MOV1420***DURING***	5.2	.406KV= 88.2% OF	.460 KV	
MOV1420***AFTER****	5.2	.446KV= 97.0% OF	.460 KV	
STARTING MOTOR NAME	HP			
MOV1400***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *
MOV1400***DURING***	.3	.451KV= 98.1% OF	.460 KV	
MOV1400***AFTER****	.3	.458KV= 99.6% OF	.460 KV	
STARTING MOTOR NAME	HP			
MOV1427***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *
MOV1427***DURING***	.3	.449KV= 97.5% OF	.460 KV	
MOV1427***AFTER****	.3	.457KV= 99.3% OF	.460 KV	

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B05N	***PRIOR****	.458KV= 92.8% OF	.493KV	215.5	135.0	13.6	.0
3B05N	***DURING***	.454KV= 92.0% OF	.493KV	215.5	135.0	13.4	.0
3B05N	***AFTER****	.457KV= 92.7% OF	.493KV	215.5	135.0	13.6	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B07	***PRIOR****	.452KV= 91.7% OF	.493KV	157.6	97.4	62.5	.3
3B07	***DURING***	.443KV= 89.9% OF	.493KV	231.4	182.8	60.1	.3
3B07	***AFTER****	.451KV= 91.4% OF	.493KV	175.2	108.2	62.1	.3

STARTING MOTOR NAME	HP			
MOV716A***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *
MOV716A***DURING***	1.3	.441KV= 95.8% OF	.460 KV	
MOV716A***AFTER****	1.3	.450KV= 97.7% OF	.460 KV	

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VOLTAGE DROP ANALYSIS CASE #= 1

STARTING MOTOR NAME	HP			
MOV744A***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *
MOV744A***DURING***	10.5	.401KV= 87.3% OF	.460 KV	
MOV744A***AFTER****	10.5	.442KV= 96.1% OF	.460 KV	
STARTING MOTOR NAME	HP			
MOV843A***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *
MOV843A***DURING***	1.6	.437KV= 94.9% OF	.460 KV	
MOV843A***AFTER****	1.6	.449KV= 97.7% OF	.460 KV	
STARTING MOTOR NAME	HP			
MOV880A***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *
MOV880A***DURING***	2.0	.440KV= 95.6% OF	.460 KV	
MOV880A***AFTER****	2.0	.449KV= 97.6% OF	.460 KV	
STARTING MOTOR NAME	HP			
MOV1401***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *
MOV1401***DURING***	.3	.438KV= 95.1% OF	.460 KV	
MOV1401***AFTER****	.3	.449KV= 97.7% OF	.460 KV	
STARTING MOTOR NAME	HP			
MOV1426***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *
MOV1426***DURING***	.3	.443KV= 96.2% OF	.460 KV	
MOV1426***AFTER****	.3	.450KV= 97.9% OF	.460 KV	
STARTING MOTOR NAME	HP			
MOV6386***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *
MOV6386***DURING***	.1	.441KV= 95.9% OF	.460 KV	
MOV6386***AFTER****	.1	.450KV= 97.9% OF	.460 KV	

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B08V	***PRIOR****	.447KV= 90.7% OF	.493KV	231.4	142.4	1.7	.0
3B08V	***DURING***	.441KV= 89.5% OF	.493KV	245.7	164.5	1.7	.0
3B08V	***AFTER****	.446KV= 90.5% OF	.493KV	236.0	145.2	1.7	.0

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STARTING MOTOR NAME            HP

     V29B   ***PRIOR****      .0      .000KV=   .0% OF    .460 KV      * MOTOR NOT STARTED YET *
     V29B   ***DURING***     1.0      .440KV= 95.6% OF    .460 KV
     V29B   ***AFTER****     1.0      .445KV= 96.8% OF    .460 KV

     CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                             HP
     E16C/17***PRIOR****    34.0      .435KV= 94.6% OF    .460 KV      *  WARNING WARNING  WARNING  *
     E16C/17***DURING***    34.0      .429KV= 93.3% OF    .460 KV      *  WARNING WARNING  WARNING  *
     E16C/17***AFTER****    34.0      .434KV= 94.4% OF    .460 KV      *  WARNING WARNING  WARNING  *

     CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                             HP
     V77/E23***PRIOR****    36.0      .442KV= 96.0% OF    .460 KV      *  WARNING WARNING  WARNING  *
     V77/E23***DURING***    36.0      .436KV= 94.7% OF    .460 KV      *  WARNING WARNING  WARNING  *
     V77/E23***AFTER****    36.0      .441KV= 95.8% OF    .460 KV      *  WARNING WARNING  WARNING  *

     CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                             HP
     NS74B  ***PRIOR****    50.5      .439KV= 95.5% OF    .460 KV      *  WARNING WARNING  WARNING  *
     NS74B  ***DURING***    50.5      .433KV= 94.2% OF    .460 KV      *  WARNING WARNING  WARNING  *
     NS74B  ***AFTER****    50.5      .438KV= 95.3% OF    .460 KV      *  WARNING WARNING  WARNING  *

     CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                             HP
     S77B   ***PRIOR****     3.4      .442KV= 96.1% OF    .460 KV      *  WARNING WARNING  WARNING  *
     S77B   ***DURING***     3.4      .436KV= 94.8% OF    .460 KV      *  WARNING WARNING  WARNING  *
     S77B   ***AFTER****     3.4      .441KV= 95.9% OF    .460 KV      *  WARNING WARNING  WARNING  *
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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP				
S75B	***PRIOR****	5.0	.441KV= 95.9% OF	.460 KV	* WARNING WARNING WARNING *	
S75B	***DURING***	5.0	.435KV= 94.6% OF	.460 KV	* WARNING WARNING WARNING *	
S75B	***AFTER****	5.0	.440KV= 95.8% OF	.460 KV	* WARNING WARNING WARNING *	

STARTING MOTOR NAME	HP			
MOV1404***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *
MOV1404***DURING***	.3	.439KV= 95.3% OF	.460 KV	
MOV1404***AFTER****	.3	.445KV= 96.8% OF	.460 KV	

STARTING MOTOR NAME	HP			
MOV1417***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *
MOV1417***DURING***	1.5	.432KV= 94.0% OF	.460 KV	
MOV1417***AFTER****	1.5	.444KV= 96.5% OF	.460 KV	

STARTING MOTOR NAME	HP			
MOV6552***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *
MOV6552***DURING***	.1	.440KV= 95.6% OF	.460 KV	
MOV6552***AFTER****	.1	.446KV= 96.9% OF	.460 KV	

STARTING MOTOR NAME	HP			
MOV6543***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *
MOV6543***DURING***	.1	.440KV= 95.6% OF	.460 KV	
MOV6543***AFTER****	.1	.446KV= 97.0% OF	.460 KV	

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B50	***PRIOR****	.450KV= 91.2% OF	.493KV	123.4	60.8	.0	.0
3B50	***DURING***	.444KV= 90.1% OF	.493KV	123.4	60.8	.0	.0
3B50	***AFTER****	.449KV= 91.0% OF	.493KV	123.4	60.8	.0.	.0

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP						
3P201C	***PRIOR****	150.0	.441KV= 95.9% OF	.460 KV	*	WARNING	WARNING	WARNING *
3P201C	***DURING***	150.0	.436KV= 94.7% OF	.460 KV	*	WARNING	WARNING	WARNING *
3P201C	***AFTER****	150.0	.440KV= 95.7% OF	.460 KV	*	WARNING	WARNING	WARNING *

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AB2	***PRIOR****	3.947KV= 94.9% OF	4.160KV	5253.2	2988.1	.0	.0
3AB2	***DURING***	3.939KV= 94.7% OF	4.160KV	5253.2	2988.1	.0	.0
3AB2	***AFTER****	3.946KV= 94.9% OF	4.160KV	5253.2	2988.1	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B02	***PRIOR****	.462KV= 93.6% OF	.493KV	207.0	113.4	.0	.0
3B02	***DURING***	.456KV= 92.4% OF	.493KV	207.0	113.4	.0	.0
3B02	***AFTER****	.461KV= 93.5% OF	.493KV	207.0	113.4	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B04	***PRIOR****	.462KV= 93.6% OF	.493KV	123.5	77.5	.0	.0
3B04	***DURING***	.459KV= 93.1% OF	.493KV	123.5	77.5	.0	.0
3B04	***AFTER****	.461KV= 93.6% OF	.493KV	123.5	77.5	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B06	***PRIOR****	.459KV= 93.1% OF	.493KV	104.5	64.1	48.4	.1
3B06	***DURING***	.449KV= 91.0% OF	.493KV	232.5	206.5	46.3	.1
3B06	***AFTER****	.457KV= 92.8% OF	.493KV	133.8	81.9	48.1	.1

STARTING MOTOR NAME		HP			
HOV381	***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *
HOV381	***DURING***	.4	.445KV= 96.8% OF	.460 KV	
HOV381	***AFTER****	.4	.456KV= 99.2% OF	.460 KV	

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STARTING MOTOR NAME	HP				
MOV626 ***PRIOR****	.0	.000KV=	.0% OF	.460 KV	* MOTOR NOT STARTED YET *
MOV626 ***DURING***	1.0	.436KV=	94.7% OF	.460 KV	
MOV626 ***AFTER****	1.0	.454KV=	98.7% OF	.460 KV	
STARTING MOTOR NAME	HP				
MOV716B***PRIOR****	.0	.000KV=	.0% OF	.460 KV	* MOTOR NOT STARTED YET *
MOV716B***DURING***	1.3	.443KV=	96.3% OF	.460 KV	
MOV716B***AFTER****	1.3	.455KV=	98.9% OF	.460 KV	
STARTING MOTOR NAME	HP				
MOV730 ***PRIOR****	.0	.000KV=	.0% OF	.460 KV	* MOTOR NOT STARTED YET *
MOV730 ***DURING***	1.3	.442KV=	96.0% OF	.460 KV	
MOV730 ***AFTER****	1.3	.455KV=	98.8% OF	.460 KV	
STARTING MOTOR NAME	HP				
MOV744B***PRIOR****	.0	.000KV=	.0% OF	.460 KV	* MOTOR NOT STARTED YET *
MOV744B***DURING***	10.3	.390KV=	84.9% OF	.460 KV	
MOV744B***AFTER****	10.3	.446KV=	96.9% OF	.460 KV	
STARTING MOTOR NAME	HP				
MOV843B***PRIOR****	.0	.000KV=	.0% OF	.460 KV	* MOTOR NOT STARTED YET *
MOV843B***DURING***	1.6	.427KV=	92.9% OF	.460 KV	
MOV843B***AFTER****	1.6	.453KV=	98.5% OF	.460 KV	
STARTING MOTOR NAME	HP				
MOV880B***PRIOR****	.0	.000KV=	.0% OF	.460 KV	* MOTOR NOT STARTED YET *
MOV880B***DURING***	2.0	.439KV=	95.5% OF	.460 KV	
MOV880B***AFTER****	2.0	.454KV=	98.6% OF	.460 KV	

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STARTING MOTOR NAME	HP			
MOV1402***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *
MOV1402***DURING***	.3	.445KV= 96.8% OF	.460 KV	
MOV1402***AFTER****	.3	.457KV= 99.3% OF	.460 KV	
STARTING MOTOR NAME	HP			
MOV1418***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *
MOV1418***DURING***	1.5	.435KV= 94.6% OF	.460 KV	
MOV1418***AFTER****	1.5	.454KV= 98.7% OF	.460 KV	
STARTING MOTOR NAME	HP			
MOV1425***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *
MOV1425***DURING***	.3	.444KV= 96.5% OF	.460 KV	
MOV1425***AFTER****	.3	.456KV= 99.1% OF	.460 KV	
STARTING MOTOR NAME	HP			
MOV1421***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *
MOV1421***DURING***	5.3	.414KV= 89.9% OF	.460 KV	
MOV1421***AFTER****	5.3	.451KV= 98.1% OF	.460 KV	

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
B08N	***PRIOR****	.455KV= 92.3% OF	.493KV	117.9	72.4	21.6	12.7
B08N	***DURING***	.452KV= 91.7% OF	.493KV	117.9	72.4	21.4	12.5
B08N	***AFTER****	.455KV= 92.2% OF	.493KV	117.9	72.4	21.6	12.7

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B52	***PRIOR****	.462KV= 93.6% OF	.493KV	7.4	4.5	.9	.0
3B52	***DURING***	.457KV= 92.7% OF	.493KV	20.1	63.8	16.3	.0
3B52	***AFTER****	.461KV= 93.5% OF	.493KV	16.1	9.9	16.6	.0

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VOLTAGE DROP ANALYSIS CASE #= 1

STARTING MOTOR NAME		HP				
3C2B	***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *	
3C2B	***DURING***	5.0	.455KV= 99.0% OF	.460 KV		
3C2B	***AFTER****	5.0	.460KV= 99.9% OF	.460 KV		
STARTING MOTOR NAME		HP				
3V34B	***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *	
3V34B	***DURING***	5.0	.457KV= 99.3% OF	.460 KV		
3V34B	***AFTER****	5.0	.461KV=100.1% OF	.460 KV		
STARTING MOTOR NAME		HP				
3P10B	***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *	
3P10B	***DURING***	.8	.457KV= 99.3% OF	.460 KV		
3P10B	***AFTER****	.8	.461KV=100.1% OF	.460 KV		

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B53	***PRIOR****	.460KV= 93.3% OF	.493KV	14.6	9.0	27.0	.0
3B53	***DURING***	.456KV= 92.5% OF	.493KV	14.6	9.0	26.5	.0
3B53	***AFTER****	.459KV= 93.2% OF	.493KV	14.6	9.0	26.9	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B54	***PRIOR****	.462KV= 93.6% OF	.493KV	14.6	9.0	25.0	.0
3B54	***DURING***	.459KV= 93.0% OF	.493KV	14.6	9.0	24.7	.0
3B54	***AFTER****	.461KV= 93.5% OF	.493KV	14.6	9.0	24.9	.0

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NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
2BUS113	***PRIOR****	233.861KV=100.4% OF233.000KV	.0	.0	.0	.0
2BUS113	***DURING***	233.442KV=100.2% OF233.000KV	.0	.0	.0	.0
2BUS113	***AFTER****	233.816KV=100.4% OF233.000KV	.0	.0	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AA1	***PRIOR****	4.019KV= 96.6% OF 4.160KV	4110.5	2562.7	.0	.0
3AA1	***DURING***	3.936KV= 94.6% OF 4.160KV	4110.5	2562.7	.0	.0
3AA1	***AFTER****	4.011KV= 96.4% OF 4.160KV	4110.5	2562.7	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AB1	***PRIOR****	3.981KV= 95.7% OF 4.160KV	8222.3	5129.7	.0	.0
3AB1	***DURING***	3.896KV= 93.7% OF 4.160KV	8222.3	5129.7	.0	.0
3AB1	***AFTER****	3.972KV= 95.5% OF 4.160KV	8222.3	5129.7	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AA2	***PRIOR****	3.975KV= 95.6% OF 4.160KV	5253.0	2987.8	.0	.0
3AA2	***DURING***	3.856KV= 92.7% OF 4.160KV	5948.3	6333.6	.0	.0
3AA2	***AFTER****	3.964KV= 95.3% OF 4.160KV	5770.8	3260.8	.0	.0

STARTING MOTOR NAME		HP		
3P210A	***PRIOR****	.0	.000KV= .0% OF 4.000 KV	* MOTOR NOT STARTED YET *
3P210A	***DURING***	300.0	3.840KV= 96.0% OF 4.000 KV	
3P210A	***AFTER****	300.0	3.961KV= 99.0% OF 4.000 KV	

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STARTING MOTOR NAME		HP			
3P215A	***PRIOR****	.0	.000KV= .0% OF	4.000 KV	* MOTOR NOT STARTED YET *
3P215A	***DURING***	350.0	3.836KV= 95.9% OF	4.000 KV	
3P215A	***AFTER****	350.0	3.960KV= 99.0% OF	4.000 KV	

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AD	***PRIOR****	3.973KV= 95.5% OF	4.160KV	626.8	409.1	.0	.0
3AD	***DURING***	3.853KV= 92.6% OF	4.160KV	626.8	409.1	.0	.0
3AD	***AFTER****	3.962KV= 95.2% OF	4.160KV	626.8	409.1	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B01	***PRIOR****	.459KV= 93.1% OF	.493KV	247.0	138.7	.0	.0
3B01	***DURING***	.445KV= 90.2% OF	.493KV	247.0	138.7	.0	.0
3B01	***AFTER****	.458KV= 92.9% OF	.493KV	247.0	138.7	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B03	***PRIOR****	.457KV= 92.7% OF	.493KV	82.6	51.3	203.1	1.5
3B03	***DURING***	.443KV= 89.8% OF	.493KV	82.6	51.3	190.3	1.4
3B03	***AFTER****	.456KV= 92.5% OF	.493KV	82.6	51.3	201.9	1.5

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B05V	***PRIOR****	.459KV= 93.0% OF	.493KV	100.2	62.0	28.9	.0
3B05V	***DURING***	.444KV= 90.1% OF	.493KV	100.2	62.0	27.1	.0
3B05V	***AFTER****	.457KV= 92.7% OF	.493KV	100.2	62.0	28.8	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B05W	***PRIOR****	.457KV= 92.7% OF	.493KV	215.5	135.0	13.6	.0
3B05W	***DURING***	.442KV= 89.7% OF	.493KV	215.5	135.0	12.7	.0
3B05W	***AFTER****	.456KV= 92.4% OF	.493KV	215.5	135.0	13.5	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B07	***PRIOR****	.451KV= 91.4% OF	.493KV	175.2	108.2	62.1	.3
3B07	***DURING***	.436KV= 88.4% OF	.493KV	175.2	108.2	58.1	.3
3B07	***AFTER****	.449KV= 91.1% OF	.493KV	175.2	108.2	61.7	.3

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3V2B	***PRIOR****	60.0	.442KV= 96.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V2B	***DURING***	60.0	.427KV= 92.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V2B	***AFTER****	60.0	.441KV= 95.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
MOV744A	***PRIOR****	10.5	.442KV= 96.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*
MOV744A	***DURING***	10.5	.427KV= 92.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*
MOV744A	***AFTER****	10.5	.441KV= 95.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B08V	***PRIOR****	.446KV= 90.5% OF	.493KV	236.0	145.2	1.7	.0
3B08V	***DURING***	.431KV= 87.5% OF	.493KV	236.0	145.2	1.6	.0
3B08V	***AFTER****	.445KV= 90.2% OF	.493KV	236.0	145.2	1.7	.0

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3V1D	***PRIOR****	100.0	.442KV= 96.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V1D	***DURING***	100.0	.427KV= 92.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V1D	***AFTER****	100.0	.441KV= 95.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
V11	***PRIOR****	10.0	.443KV= 96.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*
V11	***DURING***	10.0	.428KV= 92.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*
V11	***AFTER****	10.0	.441KV= 95.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*

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VOLTAGE DROP ANALYSIS CASE #= 2

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
E16C/17***PRIOR****      34.0      .434KV= 94.4% OF    .460 KV      *  WARNING WARNING  WARNING  *
E16C/17***DURING***      34.0      .419KV= 91.0% OF    .460 KV      *  WARNING WARNING  WARNING  *
E16C/17***AFTER****      34.0      .433KV= 94.1% OF    .460 KV      *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
E16D     ***PRIOR****    36.0      .443KV= 96.3% OF    .460 KV      *  WARNING WARNING  WARNING  *
E16D     ***DURING***    36.0      .428KV= 93.0% OF    .460 KV      *  WARNING WARNING  WARNING  *
E16D     ***AFTER****    36.0      .441KV= 96.0% OF    .460 KV      *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
P42B     ***PRIOR****     3.0      .443KV= 96.2% OF    .460 KV      *  WARNING WARNING  WARNING  *
P42B     ***DURING***     3.0      .428KV= 92.9% OF    .460 KV      *  WARNING WARNING  WARNING  *
P42B     ***AFTER****     3.0      .441KV= 95.9% OF    .460 KV      *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
V77/E23***PRIOR****      36.0      .441KV= 95.8% OF    .460 KV      *  WARNING WARNING  WARNING  *
V77/E23***DURING***      36.0      .426KV= 92.5% OF    .460 KV      *  WARNING WARNING  WARNING  *
V77/E23***AFTER****      36.0      .439KV= 95.5% OF    .460 KV      *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
NS74B    ***PRIOR****    50.5      .438KV= 95.3% OF    .460 KV      *  WARNING WARNING  WARNING  *
NS74B    ***DURING***    50.5      .423KV= 92.0% OF    .460 KV      *  WARNING WARNING  WARNING  *
NS74B    ***AFTER****    50.5      .437KV= 95.0% OF    .460 KV      *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
S77B     ***PRIOR****     3.4      .441KV= 95.9% OF    .460 KV      *  WARNING WARNING  WARNING  *
S77B     ***DURING***     3.4      .426KV= 92.6% OF    .460 KV      *  WARNING WARNING  WARNING  *
S77B     ***AFTER****     3.4      .440KV= 95.6% OF    .460 KV      *  WARNING WARNING  WARNING  *
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VOLTAGE DROP ANALYSIS CASE #= 2

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
S78B	***PRIOR****	3.4	.442KV= 96.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S78B	***DURING***	3.4	.427KV= 92.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S78B	***AFTER****	3.4	.440KV= 95.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
S75B	***PRIOR****	5.0	.440KV= 95.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S75B	***DURING***	5.0	.425KV= 92.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S75B	***AFTER****	5.0	.439KV= 95.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B50	***PRIOR****	.449KV= 91.0% OF	.493KV	123.4	60.8	.0	.0
3B50	***DURING***	.434KV= 88.0% OF	.493KV	123.4	60.8	.0	.0
3B50	***AFTER****	.447KV= 90.7% OF	.493KV	123.4	60.8	.0	.0

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3P201C	***PRIOR****	150.0	.440KV= 95.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P201C	***DURING***	150.0	.425KV= 92.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P201C	***AFTER****	150.0	.439KV= 95.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AB2	***PRIOR****	3.946KV= 94.9% OF	4.160KV	5253.2	2988.1	.0	.0
3AB2	***DURING***	3.825KV= 92.0% OF	4.160KV	5937.1	6282.2	.0	.0
3AB2	***AFTER****	3.935KV= 94.6% OF	4.160KV	5770.9	3261.1	.0	.0

STARTING MOTOR NAME		HP			
3P210B	***PRIOR****	.0	.000KV= .0% OF	4.000 KV	* MOTOR NOT STARTED YET *
3P210B	***DURING***	300.0	3.811KV= 95.3% OF	4.000 KV	
3P210B	***AFTER****	300.0	3.931KV= 98.3% OF	4.000 KV	

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VOLTAGE DROP ANALYSIS CASE #= 2

STARTING MOTOR NAME		HP				
3P215B	***PRIOR****	.0	.000KV= .0% OF	4.000 KV	* MOTOR NOT STARTED YET *	
3P215B	***DURING***	350.0	3.807KV= 95.2% OF	4.000 KV		
3P215B	***AFTER****	350.0	3.931KV= 98.3% OF	4.000 KV		

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3802	***PRIOR****	.461KV= 93.5% OF	.493KV	207.0	113.4	.0	.0
3802	***DURING***	.446KV= 90.5% OF	.493KV	207.0	113.4	.0	.0
3802	***AFTER****	.459KV= 93.2% OF	.493KV	207.0	113.4	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3804	***PRIOR****	.461KV= 93.6% OF	.493KV	123.5	77.5	.0	.0
3804	***DURING***	.447KV= 90.6% OF	.493KV	123.5	77.5	.0	.0
3804	***AFTER****	.460KV= 93.3% OF	.493KV	123.5	77.5	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3806	***PRIOR****	.457KV= 92.8% OF	.493KV	133.8	81.9	48.1	.1
3806	***DURING***	.443KV= 89.8% OF	.493KV	133.8	81.9	45.1	.1
3806	***AFTER****	.456KV= 92.5% OF	.493KV	133.8	81.9	47.8	.1

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
B08W	***PRIOR****	.455KV= 92.2% OF	.493KV	117.9	72.4	21.6	12.7
B08W	***DURING***	.440KV= 89.3% OF	.493KV	117.9	72.4	20.2	11.9
B08W	***AFTER****	.453KV= 91.9% OF	.493KV	117.9	72.4	21.5	12.6

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3852	***PRIOR****	.461KV= 93.5% OF	.493KV	16.1	9.9	16.6	.0
3852	***DURING***	.446KV= 90.5% OF	.493KV	16.1	9.9	15.5	.0
3852	***AFTER****	.460KV= 93.2% OF	.493KV	16.1	9.9	16.5	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3853	***PRIOR****	.459KV= 93.2% OF	.493KV	14.6	9.0	26.9	.0
3853	***DURING***	.445KV= 90.2% OF	.493KV	14.6	9.0	25.2	.0
3853	***AFTER****	.458KV= 92.9% OF	.493KV	14.6	9.0	26.8	.0

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VOLTAGE DROP ANALYSIS CASE #= 2

NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B54	***PRIOR****	.461KV=	93.5% OF	.493KV	14.6	9.0	24.9	.0
3B54	***DURING***	.447KV=	90.6% OF	.493KV	14.6	9.0	23.4	.0
3B54	***AFTER****	.460KV=	93.3% OF	.493KV	14.6	9.0	24.8	.0

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VOLTAGE DROP ANALYSIS CASE #= 3

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
2BUS113	***PRIOR****	233.816KV=100.4% OF233.000KV	.0	.0	.0	.0
2BUS113	***DURING***	233.653KV=100.3% OF233.000KV	.0	.0	.0	.0
2BUS113	***AFTER****	233.795KV=100.3% OF233.000KV	.0	.0	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AA1	***PRIOR****	4.011KV= 96.4% OF 4.160KV	4110.5	2562.7	.0	.0
3AA1	***DURING***	3.978KV= 95.6% OF 4.160KV	4110.5	2562.7	.0	.0
3AA1	***AFTER****	4.007KV= 96.3% OF 4.160KV	4110.5	2562.7	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AB1	***PRIOR****	3.972KV= 95.5% OF 4.160KV	8222.3	5129.7	.0	.0
3AB1	***DURING***	3.940KV= 94.7% OF 4.160KV	8222.3	5129.7	.0	.0
3AB1	***AFTER****	3.969KV= 95.4% OF 4.160KV	8222.3	5129.7	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AA2	***PRIOR****	3.964KV= 95.3% OF 4.160KV	5770.8	3260.8	.0	.0
3AA2	***DURING***	3.917KV= 94.2% OF 4.160KV	5770.8	3260.8	.0	.0
3AA2	***AFTER****	3.958KV= 95.2% OF 4.160KV	5770.8	3260.8	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AD	***PRIOR****	3.962KV= 95.2% OF 4.160KV	626.8	409.1	.0	.0
3AD	***DURING***	3.915KV= 94.1% OF 4.160KV	626.8	409.1	.0	.0
3AD	***AFTER****	3.956KV= 95.1% OF 4.160KV	626.8	409.1	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B01	***PRIOR****	.458KV= 92.9% OF .493KV	247.0	138.7	.0	.0
3B01	***DURING***	.417KV= 84.7% OF .493KV	434.9	1193.7	.0	.0
3B01	***AFTER****	.453KV= 92.0% OF .493KV	446.9	238.3	.0	.0

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VOLTAGE DROP ANALYSIS CASE #= 3

STARTING MOTOR NAME	HP				
3P214A ***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *	
3P214A ***DURING***	250.0	.377KV= 81.9% OF	.460 KV	* WARNING WARNING WARNING *	
3P214A ***AFTER****	250.0	.447KV= 97.3% OF	.460 KV		

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B03	***PRIOR****	.456KV= 92.5% OF	.493KV	82.6	51.3	201.9	1.5
3B03	***DURING***	.446KV= 90.6% OF	.493KV	82.6	51.3	193.6	1.4
3B03	***AFTER****	.455KV= 92.2% OF	.493KV	82.6	51.3	200.8	1.5

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B05V	***PRIOR****	.457KV= 92.7% OF	.493KV	100.2	62.0	28.8	.0
3B05V	***DURING***	.417KV= 84.5% OF	.493KV	100.2	62.0	23.9	.0
3B05V	***AFTER****	.453KV= 91.9% OF	.493KV	100.2	62.0	28.2	.0

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

	HP			
MOV1420***PRIOR****	5.2	.445KV= 96.7% OF	.460 KV	* WARNING WARNING WARNING *
MOV1420***DURING***	5.2	.403KV= 87.6% OF	.460 KV	* WARNING WARNING WARNING *
MOV1420***AFTER****	5.2	.440KV= 95.7% OF	.460 KV	* WARNING WARNING WARNING *

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B05W	***PRIOR****	.456KV= 92.4% OF	.493KV	215.5	135.0	13.5	.0
3B05W	***DURING***	.415KV= 84.2% OF	.493KV	215.5	135.0	11.2	.0
3B05W	***AFTER****	.451KV= 91.5% OF	.493KV	215.5	135.0	13.3	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B07	***PRIOR****	.449KV= 91.1% OF	.493KV	175.2	108.2	61.7	.3
3B07	***DURING***	.436KV= 88.4% OF	.493KV	243.4	212.1	58.0	.3
3B07	***AFTER****	.447KV= 90.7% OF	.493KV	200.5	123.3	61.2	.3

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VOLTAGE DROP ANALYSIS CASE #= 3

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STARTING MOTOR NAME            HP

      3V30C  ***PRIOR****      .0      .000KV=   .0% OF    .460 KV      * MOTOR NOT STARTED YET *
      3V30C  ***DURING***    30.0      .391KV= 85.1% OF    .460 KV
      3V30C  ***AFTER****    30.0      .432KV= 94.0% OF    .460 KV      *  WARNING WARNING  WARNING  *

      CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                             HP
      3V2B   ***PRIOR****    60.0      .441KV= 95.8% OF    .460 KV      *  WARNING WARNING  WARNING  *
      3V2B   ***DURING***    60.0      .427KV= 92.8% OF    .460 KV      *  WARNING WARNING  WARNING  *
      3V2B   ***AFTER****    60.0      .438KV= 95.3% OF    .460 KV      *  WARNING WARNING  WARNING  *

      CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                             HP
      MOV744A***PRIOR****    10.5      .441KV= 95.8% OF    .460 KV      *  WARNING WARNING  WARNING  *
      MOV744A***DURING***    10.5      .427KV= 92.8% OF    .460 KV      *  WARNING WARNING  WARNING  *
      MOV744A***AFTER****    10.5      .439KV= 95.3% OF    .460 KV      *  WARNING WARNING  WARNING  *
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      NAME
       OF                          VOLTAGE                    MOTOR          STATIC
      BUS       CONDITION          AT  BUS                 KW      KVAR    KW     KVAR

      3B08V   ***PRIOR****     .445KV= 90.2% OF   .493KV   236.0   145.2    1.7      .0
      3B08V   ***DURING***     .435KV= 88.3% OF   .493KV   236.0   145.2    1.6      .0
      3B08V   ***AFTER****     .444KV= 90.0% OF   .493KV   236.0   145.2    1.7      .0

      CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                             HP
      3V1D   ***PRIOR****   100.0      .441KV= 95.8% OF    .460 KV      *  WARNING WARNING  WARNING  *
      3V1D   ***DURING***   100.0      .431KV= 93.7% OF    .460 KV      *  WARNING WARNING  WARNING  *
      3V1D   ***AFTER****   100.0      .440KV= 95.5% OF    .460 KV      *  WARNING WARNING  WARNING  *
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VOLTAGE DROP ANALYSIS CASE #= 3

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP								
V11	***PRIOR****	10.0	.441KV= 95.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*
V11	***DURING***	10.0	.431KV= 93.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*
V11	***AFTER****	10.0	.440KV= 95.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP								
E16C/17	***PRIOR****	34.0	.433KV= 94.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*
E16C/17	***DURING***	34.0	.423KV= 91.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*
E16C/17	***AFTER****	34.0	.431KV= 93.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP								
E16D	***PRIOR****	36.0	.441KV= 96.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*
E16D	***DURING***	36.0	.432KV= 93.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*
E16D	***AFTER****	36.0	.440KV= 95.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP								
P42B	***PRIOR****	3.0	.441KV= 95.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*
P42B	***DURING***	3.0	.432KV= 93.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*
P42B	***AFTER****	3.0	.440KV= 95.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP								
V77/E23	***PRIOR****	36.0	.439KV= 95.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*
V77/E23	***DURING***	36.0	.430KV= 93.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*
V77/E23	***AFTER****	36.0	.438KV= 95.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP								
NS74B	***PRIOR****	50.5	.437KV= 95.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*
NS74B	***DURING***	50.5	.427KV= 92.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*
NS74B	***AFTER****	50.5	.436KV= 94.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
S77B	***PRIOR****	3.4	.440KV= 95.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S77B	***DURING***	3.4	.430KV= 93.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S77B	***AFTER****	3.4	.439KV= 95.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
S78B	***PRIOR****	3.4	.440KV= 95.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S78B	***DURING***	3.4	.431KV= 93.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S78B	***AFTER****	3.4	.439KV= 95.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
S75B	***PRIOR****	5.0	.439KV= 95.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S75B	***DURING***	5.0	.429KV= 93.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S75B	***AFTER****	5.0	.438KV= 95.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
MOV1417	***PRIOR****	1.5	.443KV= 96.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*
MOV1417	***DURING***	1.5	.433KV= 94.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*
MOV1417	***AFTER****	1.5	.441KV= 95.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B50	***PRIOR****	.447KV= 90.7% OF	.493KV	123.4	60.8	.0	.0
3B50	***DURING***	.438KV= 88.8% OF	.493KV	123.4	60.8	.0	.0
3B50	***AFTER****	.446KV= 90.5% OF	.493KV	123.4	60.8	.0	.0

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3P201C	***PRIOR****	150.0	.439KV= 95.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P201C	***DURING***	150.0	.429KV= 93.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P201C	***AFTER****	150.0	.438KV= 95.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AB2	***PRIOR****	3.935KV= 94.6% OF	4.160KV	5770.9	3261.1	.0	.0
3AB2	***DURING***	3.888KV= 93.5% OF	4.160KV	5770.9	3261.1	.0	.0
3AB2	***AFTER****	3.929KV= 94.5% OF	4.160KV	5770.9	3261.1	.0	.0

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VOLTAGE DROP ANALYSIS CASE #= 3

NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B02	***PRIOR****	.459KV=	93.2% OF	.493KV	207.0	113.4	.0	.0
3B02	***DURING***	.450KV=	91.3% OF	.493KV	207.0	113.4	.0	.0
3B02	***AFTER****	.458KV=	92.9% OF	.493KV	207.0	113.4	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B04	***PRIOR****	.460KV=	93.3% OF	.493KV	123.5	77.5	.0	.0
3B04	***DURING***	.420KV=	85.2% OF	.493KV	312.5	1115.2	.0	.0
3B04	***AFTER****	.456KV=	92.4% OF	.493KV	323.7	171.8	.0	.0

STARTING MOTOR NAME		HP				
3P214B	***PRIOR****	.0	.000KV=	.0% OF	.460 KV	* MOTOR NOT STARTED YET *
3P214B	***DURING***	250.0	.373KV=	81.0% OF	.460 KV	* WARNING WARNING WARNING *
3P214B	***AFTER****	250.0	.449KV=	97.6% OF	.460 KV	

NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B06	***PRIOR****	.456KV=	92.5% OF	.493KV	133.8	81.9	47.8	.1
3B06	***DURING***	.444KV=	90.0% OF	.493KV	202.4	195.2	45.3	.1
3B06	***AFTER****	.454KV=	92.2% OF	.493KV	158.8	97.1	47.5	.1

STARTING MOTOR NAME		HP				
3V30A	***PRIOR****	.0	.000KV=	.0% OF	.460 KV	* MOTOR NOT STARTED YET *
3V30A	***DURING***	30.0	.410KV=	89.1% OF	.460 KV	
3V30A	***AFTER****	30.0	.443KV=	96.4% OF	.460 KV	

NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
B08W	***PRIOR****	.453KV=	91.9% OF	.493KV	117.9	72.4	21.5	12.6
B08W	***DURING***	.413KV=	83.7% OF	.493KV	117.9	72.4	17.8	10.4
B08W	***AFTER****	.449KV=	91.1% OF	.493KV	117.9	72.4	21.1	12.4

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NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B52	***PRIOR****	.460KV= 93.2% OF	.493KV	16.1	9.9	16.5	.0
3B52	***DURING***	.420KV= 85.1% OF	.493KV	16.1	9.9	13.7	.0
3B52	***AFTER****	.455KV= 92.4% OF	.493KV	16.1	9.9	16.2	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B53	***PRIOR****	.458KV= 92.9% OF	.493KV	14.6	9.0	26.8	.0
3B53	***DURING***	.418KV= 84.7% OF	.493KV	14.6	9.0	22.2	.0
3B53	***AFTER****	.454KV= 92.0% OF	.493KV	14.6	9.0	26.3	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B54	***PRIOR****	.460KV= 93.3% OF	.493KV	14.6	9.0	24.8	.0
3B54	***DURING***	.420KV= 85.2% OF	.493KV	14.6	9.0	20.7	.0
3B54	***AFTER****	.456KV=.92.4% OF	.493KV	14.6	9.0	24.3	.0

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NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
2BUS113	***PRIOR****	233.795KV=100.3% OF233.000KV	.0	.0	.0	.0
2BUS113	***DURING***	233.787KV=100.3% OF233.000KV	.0	.0	.0	.0
2BUS113	***AFTER****	233.794KV=100.3% OF233.000KV	.0	.0	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AA1	***PRIOR****	4.007KV= 96.3% OF 4.160KV	4110.5	2562.7	.0	.0
3AA1	***DURING***	4.004KV= 96.2% OF 4.160KV	4110.5	2562.7	.0	.0
3AA1	***AFTER****	4.006KV= 96.3% OF 4.160KV	4110.5	2562.7	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AB1	***PRIOR****	3.969KV= 95.4% OF 4.160KV	8222.3	5129.7	.0	.0
3AB1	***DURING***	3.968KV= 95.4% OF 4.160KV	8222.3	5129.7	.0	.0
3AB1	***AFTER****	3.969KV= 95.4% OF 4.160KV	8222.3	5129.7	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AA2	***PRIOR****	3.958KV= 95.2% OF 4.160KV	5770.8	3260.8	.0	.0
3AA2	***DURING***	3.954KV= 95.1% OF 4.160KV	5770.8	3260.8	.0	.0
3AA2	***AFTER****	3.958KV= 95.1% OF 4.160KV	5770.8	3260.8	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AD	***PRIOR****	3.956KV= 95.1% OF 4.160KV	626.8	409.1	.0	.0
3AD	***DURING***	3.952KV= 95.0% OF 4.160KV	626.8	409.1	.0	.0
3AD	***AFTER****	3.955KV= 95.1% OF 4.160KV	626.8	409.1	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B01	***PRIOR****	.453KV= 92.0% OF .493KV	446.9	238.3	.0	.0
3B01	***DURING***	.453KV= 91.9% OF .493KV	446.9	238.3	.0	.0
3B01	***AFTER****	.453KV= 91.9% OF .493KV	446.9	238.3	.0	.0

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NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B03	***PRIOR****	.455KV= 92.2% OF	.493KV	82.6	51.3	200.8	1.5
3B03	***DURING***	.450KV= 91.3% OF	.493KV	82.6	51.3	197.1	1.4
3B03	***AFTER****	.454KV= 92.1% OF	.493KV	82.6	51.3	200.2	1.5

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B05V	***PRIOR****	.453KV= 91.9% OF	.493KV	100.2	62.0	28.2	.0
3B05V	***DURING***	.452KV= 91.8% OF	.493KV	100.2	62.0	28.2	.0
3B05V	***AFTER****	.453KV= 91.8% OF	.493KV	100.2	62.0	28.2	.0

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3V1A	***PRIOR****	100.0	.442KV= 96.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V1A	***DURING***	100.0	.441KV= 95.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V1A	***AFTER****	100.0	.442KV= 96.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

	HP							
MOV1420***PRIOR****	5.2	.440KV= 95.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*
MOV1420***DURING***	5.2	.440KV= 95.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*
MOV1420***AFTER****	5.2	.440KV= 95.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B05N	***PRIOR****	.451KV= 91.5% OF	.493KV	215.5	135.0	13.3	.0
3B05N	***DURING***	.451KV= 91.4% OF	.493KV	215.5	135.0	13.2	.0
3B05N	***AFTER****	.451KV= 91.5% OF	.493KV	215.5	135.0	13.2	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B07	***PRIOR****	.447KV= 90.7% OF	.493KV	200.5	123.3	61.2	.3
3B07	***DURING***	.443KV= 89.8% OF	.493KV	200.5	123.3	60.0	.3
3B07	***AFTER****	.446KV= 90.6% OF	.493KV	200.5	123.3	61.0	.3

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3V30C	***PRIOR****	30.0	.432KV= 94.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V30C	***DURING***	30.0	.428KV= 93.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V30C	***AFTER****	30.0	.432KV= 93.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3V2B	***PRIOR****	60.0	.438KV= 95.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V2B	***DURING***	60.0	.434KV= 94.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V2B	***AFTER****	60.0	.438KV= 95.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
MOV744A	***PRIOR****	10.5	.439KV= 95.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*
MOV744A	***DURING***	10.5	.434KV= 94.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*
MOV744A	***AFTER****	10.5	.438KV= 95.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B08V	***PRIOR****	.444KV= 90.0% OF	.493KV	236.0	145.2	1.7	.0
3B08V	***DURING***	.435KV= 88.2% OF	.493KV	303.7	249.7	1.6	.0
3B08V	***AFTER****	.442KV= 89.7% OF	.493KV	261.3	160.4	1.7	.0

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3V1D	***PRIOR****	100.0	.440KV= 95.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V1D	***DURING***	100.0	.431KV= 93.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V1D	***AFTER****	100.0	.438KV= 95.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*

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STARTING MOTOR NAME                    HP
                                       ------- ---- -------- ---- ----
   3V30B  ***PRIOR****                  .0
   3V30B  ***DURING***               30.0      .000KV=   .0% OF     .460 KV
   3V30B  ***AFTER****               30.0      .393KV= 85.4% OF     .460 KV     * MOTOR NOT STARTED YET *
                                               .428KV= 93.0% OF     .460 KV     * WARNING WARNING  WARNING *
CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
   V11    ***PRIOR****              HP
   V11    ***DURING***              10.0
   V11    ***AFTER****              10.0      .440KV= 95.6% OF     .460 KV     * WARNING WARNING  WARNING *
                                    10.0      .431KV= 93.7% OF     .460 KV     * WARNING WARNING  WARNING *
                                              .438KV= 95.3% OF     .460 KV     * WARNING WARNING  WARNING *
CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
   V29B   ***PRIOR****              HP
   V29B   ***DURING***              1.0
   V29B   ***AFTER****              1.0       .443KV= 96.2% OF     .460 KV     * WARNING WARNING  WARNING *
                                    1.0       .434KV= 94.3% OF     .460 KV     * WARNING WARNING  WARNING *
                                              .441KV= 95.9% OF     .460 KV     * WARNING WARNING  WARNING *
CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
   E16C/17***PRIOR****              HP
   E16C/17***DURING***              34.0
   E16C/17***AFTER****              34.0      .431KV= 93.8% OF     .460 KV     * WARNING WARNING  WARNING *
                                    34.0      .422KV= 91.8% OF     .460 KV     * WARNING WARNING  WARNING *
                                              .430KV= 93.4% OF     .460 KV     * WARNING WARNING  WARNING *
CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
   E16D   ***PRIOR****              HP
   E16D   ***DURING***              36.0
   E16D   ***AFTER****              36.0      .440KV= 95.7% OF     .460 KV     * WARNING WARNING  WARNING *
                                    36.0      .431KV= 93.8% OF     .460 KV     * WARNING WARNING  WARNING *
                                              .439KV= 95.3% OF     .460 KV     * WARNING WARNING  WARNING *
CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
   P42B   ***PRIOR****              HP
   P42B   ***DURING***              3.0
   P42B   ***AFTER****              3.0       .440KV= 95.6% OF     .460 KV     * WARNING WARNING  WARNING *
                                    3.0       .431KV= 93.7% OF     .460 KV     * WARNING WARNING  WARNING *
                                              .438KV= 95.3% OF     .460 KV     * WARNING WARNING  WARNING *
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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
V77/E23***PRIOR****      36.0      .438KV= 95.2% OF    .460 KV      *  WARNING WARNING  WARNING  *
V77/E23***DURING***      36.0      .429KV= 93.3% OF    .460 KV      *  WARNING WARNING  WARNING  *
V77/E23***AFTER****      36.0      .436KV= 94.9% OF    .460 KV      *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
NS74B  ***PRIOR****      50.5      .436KV= 94.7% OF    .460 KV      *  WARNING WARNING  WARNING  *
NS74B  ***DURING***      50.5      .427KV= 92.7% OF    .460 KV      *  WARNING WARNING  WARNING  *
NS74B  ***AFTER****      50.5      .434KV= 94.3% OF    .460 KV      *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
S77B   ***PRIOR****       3.4      .439KV= 95.3% OF    .460 KV      *  WARNING WARNING  WARNING  *
S77B   ***DURING***       3.4      .430KV= 93.4% OF    .460 KV      *  WARNING WARNING  WARNING  *
S77B   ***AFTER****       3.4      .437KV= 95.0% OF    .460 KV      *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
S78B   ***PRIOR****       3.4      .439KV= 95.5% OF    .460 KV      *  WARNING WARNING  WARNING  *
S78B   ***DURING***       3.4      .430KV= 93.5% OF    .460 KV      *  WARNING WARNING  WARNING  *
S78B   ***AFTER****       3.4      .438KV= 95.1% OF    .460 KV      *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
S75B   ***PRIOR****       5.0      .438KV= 95.2% OF    .460 KV      *  WARNING WARNING  WARNING  *
S75B   ***DURING***       5.0      .429KV= 93.2% OF    .460 KV      *  WARNING WARNING  WARNING  *
S75B   ***AFTER****       5.0      .436KV= 94.8% OF    .460 KV      *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
MOV1404***PRIOR****       .3       .442KV= 96.2% OF    .460 KV      *  WARNING WARNING  WARNING  *
MOV1404***DURING***       .3       .434KV= 94.3% OF    .460 KV      *  WARNING WARNING  WARNING  *
MOV1404***AFTER****       .3       .441KV= 95.8% OF    .460 KV      *  WARNING WARNING  WARNING  *
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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

	HP							
MOV1417***PRIOR****	1.5	.441KV= 95.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*
MOV1417***DURING***	1.5	.432KV= 94.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*
MOV1417***AFTER****	1.5	.440KV= 95.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B50	***PRIOR****	.446KV= 90.5% OF	.493KV	123.4	60.8	.0	.0
3B50	***DURING***	.439KV= 89.0% OF	.493KV	123.4	60.8	.0	.0
3B50	***AFTER****	.445KV= 90.2% OF	.493KV	123.4	60.8	.0	.0

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

	HP							
3P201C ***PRIOR****	150.0	.438KV= 95.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P201C ***DURING***	150.0	.430KV= 93.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P201C ***AFTER****	150.0	.436KV= 94.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AB2	***PRIOR****	3.929KV= 94.5% OF	4.160KV	5770.9	3261.1	.0	.0
3AB2	***DURING***	3.929KV= 94.4% OF	4.160KV	5770.9	3261.1	.0	.0
3AB2	***AFTER****	3.929KV= 94.5% OF	4.160KV	5770.9	3261.1	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B02	***PRIOR****	.458KV= 92.9% OF	.493KV	207.0	113.4	.0	.0
3B02	***DURING***	.458KV= 92.9% OF	.493KV	207.0	113.4	.0	.0
3B02	***AFTER****	.458KV= 92.9% OF	.493KV	207.0	113.4	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B04	***PRIOR****	.456KV= 92.4% OF	.493KV	323.7	171.8	.0	.0
3B04	***DURING***	.456KV= 92.4% OF	.493KV	323.7	171.8	.0	.0
3B04	***AFTER****	.456KV= 92.4% OF	.493KV	323.7	171.8	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B06	***PRIOR****	.454KV= 92.2% OF	.493KV	158.8	97.1	47.5	.1
3B06	***DURING***	.454KV= 92.1% OF	.493KV	158.8	97.1	47.5	.1
3B06	***AFTER****	.454KV= 92.2% OF	.493KV	158.8	97.1	47.5	.1

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VOLTAGE DROP ANALYSIS CASE #= 4

NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
B08W	***PRIOR****	.449KV= 91.1% OF	.493KV		117.9	72.4	21.1	12.4
B08W	***DURING***	.449KV= 91.1% OF	.493KV		117.9	72.4	21.1	12.4
B08W	***AFTER****	.449KV= 91.1% OF	.493KV		117.9	72.4	21.1	12.4

NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B52	***PRIOR****	.455KV= 92.4% OF	.493KV		16.1	9.9	16.2	.0
3B52	***DURING***	.455KV= 92.4% OF	.493KV		16.1	9.9	16.2	.0
3B52	***AFTER****	.455KV= 92.4% OF	.493KV		16.1	9.9	16.2	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B53	***PRIOR****	.454KV= 92.0% OF	.493KV		14.6	9.0	26.3	.0
3B53	***DURING***	.453KV= 91.9% OF	.493KV		14.6	9.0	26.2	.0
3B53	***AFTER****	.453KV= 92.0% OF	.493KV		14.6	9.0	26.2	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B54	***PRIOR****	.456KV= 92.4% OF	.493KV		14.6	9.0	24.3	.0
3B54	***DURING***	.456KV= 92.4% OF	.493KV		14.6	9.0	24.3	.0
3B54	***AFTER****	.456KV= 92.4% OF	.493KV		14.6	9.0	24.3	.0

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VOLTAGE DROP ANALYSIS CASE #= 5

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
2BUS113	***PRIOR****	233.794KV=100.3% OF233.000KV	.0	.0	.0	.0
2BUS113	***DURING***	233.794KV=100.3% OF233.000KV	.0	.0	.0	.0
2BUS113	***AFTER****	233.794KV=100.3% OF233.000KV	.0	.0	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AA1	***PRIOR****	4.006KV= 96.3% OF 4.160KV	4110.5	2562.7	.0	.0
3AA1	***DURING***	4.006KV= 96.3% OF 4.160KV	4110.5	2562.7	.0	.0
3AA1	***AFTER****	4.006KV= 96.3% OF 4.160KV	4110.5	2562.7	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AB1	***PRIOR****	3.969KV= 95.4% OF 4.160KV	8222.3	5129.7	.0	.0
3AB1	***DURING***	3.969KV= 95.4% OF 4.160KV	8222.3	5129.7	.0	.0
3AB1	***AFTER****	3.969KV= 95.4% OF 4.160KV	8222.3	5129.7	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AA2	***PRIOR****	3.958KV= 95.1% OF 4.160KV	5770.8	3260.8	.0	.0
3AA2	***DURING***	3.958KV= 95.1% OF 4.160KV	5770.8	3260.8	.0	.0
3AA2	***AFTER****	3.958KV= 95.1% OF 4.160KV	5770.8	3260.8	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AD	***PRIOR****	3.955KV= 95.1% OF 4.160KV	626.8	409.1	.0	.0
3AD	***DURING***	3.955KV= 95.1% OF 4.160KV	626.8	409.1	.0	.0
3AD	***AFTER****	3.955KV= 95.1% OF 4.160KV	626.8	409.1	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B01	***PRIOR****	.453KV= 91.9% OF .493KV	446.9	238.3	.0	.0
3B01	***DURING***	.453KV= 91.9% OF .493KV	446.9	238.3	.0	.0
3B01	***AFTER****	.453KV= 91.9% OF .493KV	446.9	238.3	.0	.0

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NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3803	***PRIOR****	.454KV= 92.1% OF	.493KV	82.6	51.3	200.2	1.5
3803	***DURING***	.454KV= 92.1% OF	.493KV	82.6	51.3	200.2	1.5
3803	***AFTER****	.454KV= 92.1% OF	.493KV	82.6	51.3	200.2	1.5

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3805V	***PRIOR****	.453KV= 91.8% OF	.493KV	100.2	62.0	28.2	.0
3805V	***DURING***	.453KV= 91.8% OF	.493KV	100.2	62.0	28.2	.0
3805V	***AFTER****	.453KV= 91.8% OF	.493KV	100.2	62.0	28.2	.0

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP				
3V1A	***PRIOR****	100.0	.442KV= 96.0% OF	.460 KV	*	WARNING WARNING WARNING *
3V1A	***DURING***	100.0	.442KV= 96.0% OF	.460 KV	*	WARNING WARNING WARNING *
3V1A	***AFTER****	100.0	.442KV= 96.0% OF	.460 KV	*	WARNING WARNING WARNING *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

	HP				
MOV1420***PRIOR****	5.2	.440KV= 95.7% OF	.460 KV	*	WARNING WARNING WARNING *
MOV1420***DURING***	5.2	.440KV= 95.7% OF	.460 KV	*	WARNING WARNING WARNING *
MOV1420***AFTER****	5.2	.440KV= 95.7% OF	.460 KV	*	WARNING WARNING WARNING *

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3805N	***PRIOR****	.451KV= 91.5% OF	.493KV	215.5	135.0	13.2	.0
3805N	***DURING***	.451KV= 91.5% OF	.493KV	215.5	135.0	13.2	.0
3805N	***AFTER****	.451KV= 91.5% OF	.493KV	215.5	135.0	13.2	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3807	***PRIOR****	.446KV= 90.6% OF	.493KV	200.5	123.3	61.0	.3
3807	***DURING***	.446KV= 90.6% OF	.493KV	200.5	123.3	61.0	.3
3807	***AFTER****	.446KV= 90.6% OF	.493KV	200.5	123.3	61.0	.3

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3V30C	***PRIOR****	30.0	.432KV= 93.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V30C	***DURING***	30.0	.432KV= 93.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V30C	***AFTER****	30.0	.432KV= 93.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3V2B	***PRIOR****	60.0	.438KV= 95.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V2B	***DURING***	60.0	.438KV= 95.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V2B	***AFTER****	60.0	.438KV= 95.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
HOV744A	***PRIOR****	10.5	.438KV= 95.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*
HOV744A	***DURING***	10.5	.438KV= 95.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*
HOV744A	***AFTER****	10.5	.438KV= 95.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B08V	***PRIOR****	.442KV= 89.7% OF	.493KV	261.3	160.4	1.7	.0
3B08V	***DURING***	.442KV= 89.7% OF	.493KV	261.3	160.4	1.7	.0
3B08V	***AFTER****	.442KV= 89.7% OF	.493KV	261.3	160.4	1.7	.0

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3V1D	***PRIOR****	100.0	.438KV= 95.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V1D	***DURING***	100.0	.438KV= 95.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V1D	***AFTER****	100.0	.438KV= 95.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*

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VOLTAGE DROP ANALYSIS CASE #= 5

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3V30B	***PRIOR****	30.0	.428KV= 93.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V30B	***DURING***	30.0	.428KV= 93.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V30B	***AFTER****	30.0	.428KV= 93.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
V11	***PRIOR****	10.0	.438KV= 95.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*
V11	***DURING***	10.0	.438KV= 95.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*
V11	***AFTER****	10.0	.438KV= 95.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
V29B	***PRIOR****	1.0	.441KV= 95.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*
V29B	***DURING***	1.0	.441KV= 95.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*
V29B	***AFTER****	1.0	.441KV= 95.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
E16C/17	***PRIOR****	34.0	.430KV= 93.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*
E16C/17	***DURING***	34.0	.430KV= 93.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*
E16C/17	***AFTER****	34.0	.430KV= 93.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
E16D	***PRIOR****	36.0	.439KV= 95.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*
E16D	***DURING***	36.0	.439KV= 95.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*
E16D	***AFTER****	36.0	.439KV= 95.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
P42B	***PRIOR****	3.0	.438KV= 95.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*
P42B	***DURING***	3.0	.438KV= 95.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*
P42B	***AFTER****	3.0	.438KV= 95.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*

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VOLTAGE DROP ANALYSIS CASE #= 5

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
V77/E23***PRIOR****      36.0      .436KV= 94.9% OF    .460 KV      *  WARNING WARNING  WARNING  *
V77/E23***DURING***      36.0      .436KV= 94.9% OF    .460 KV      *  WARNING WARNING  WARNING  *
V77/E23***AFTER****      36.0      .436KV= 94.9% OF    .460 KV      *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
NS74B  ***PRIOR****      50.5      .434KV= 94.3% OF    .460 KV      *  WARNING WARNING  WARNING  *
NS74B  ***DURING***      50.5      .434KV= 94.3% OF    .460 KV      *  WARNING WARNING  WARNING  *
NS74B  ***AFTER****      50.5      .434KV= 94.3% OF    .460 KV      *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
S77B   ***PRIOR****       3.4      .437KV= 95.0% OF    .460 KV      *  WARNING WARNING  WARNING  *
S77B   ***DURING***       3.4      .437KV= 95.0% OF    .460 KV      *  WARNING WARNING  WARNING  *
S77B   ***AFTER****       3.4      .437KV= 95.0% OF    .460 KV      *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
S78B   ***PRIOR****       3.4      .438KV= 95.1% OF    .460 KV      *  WARNING WARNING  WARNING  *
S78B   ***DURING***       3.4      .438KV= 95.1% OF    .460 KV      *  WARNING WARNING  WARNING  *
S78B   ***AFTER****       3.4      .438KV= 95.1% OF    .460 KV      *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
S75B   ***PRIOR****       5.0      .436KV= 94.8% OF    .460 KV      *  WARNING WARNING  WARNING  *
S75B   ***DURING***       5.0      .436KV= 94.8% OF    .460 KV      *  WARNING WARNING  WARNING  *
S75B   ***AFTER****       5.0      .436KV= 94.8% OF    .460 KV      *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
MOV1404***PRIOR****        .3      .441KV= 95.8% OF    .460 KV      *  WARNING WARNING  WARNING  *
MOV1404***DURING***        .3      .441KV= 95.8% OF    .460 KV      *  WARNING WARNING  WARNING  *
MOV1404***AFTER****        .3      .441KV= 95.8% OF    .460 KV      *  WARNING WARNING  WARNING  *
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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

	HP						
HOV1417***PRIOR****	1.5	.440KV= 95.6% OF	.460 KV	*	WARNING	WARNING	WARNING *
HOV1417***DURING***	1.5	.440KV= 95.6% OF	.460 KV	*	WARNING	WARNING	WARNING *
HOV1417***AFTER****	1.5	.440KV= 95.6% OF	.460 KV	*	WARNING	WARNING	WARNING *

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B50	***PRIOR****	.445KV= 90.2% OF	.493KV	123.4	60.8	.0	.0
3B50	***DURING***	.445KV= 90.2% OF	.493KV	123.4	60.8	.0	.0
3B50	***AFTER****	.445KV= 90.2% OF	.493KV	123.4	60.8	.0	.0

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

	HP						
3P201C ***PRIOR****	150.0	.436KV= 94.9% OF	.460 KV	*	WARNING	WARNING	WARNING *
3P201C ***DURING***	150.0	.436KV= 94.9% OF	.460 KV	*	WARNING	WARNING	WARNING *
3P201C ***AFTER****	150.0	.436KV= 94.9% OF	.460 KV	*	WARNING	WARNING	WARNING *

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AB2	***PRIOR****	3.929KV= 94.5% OF	4.160KV	5770.9	3261.1	.0	.0
3AB2	***DURING***	3.929KV= 94.5% OF	4.160KV	5770.9	3261.1	.0	.0
3AB2	***AFTER****	3.929KV= 94.5% OF	4.160KV	5770.9	3261.1	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B02	***PRIOR****	.458KV= 92.9% OF	.493KV	207.0	113.4	.0	.0
3B02	***DURING***	.458KV= 92.9% OF	.493KV	207.0	113.4	.0	.0
3B02	***AFTER****	.458KV= 92.9% OF	.493KV	207.0	113.4	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B04	***PRIOR****	.456KV= 92.4% OF	.493KV	323.7	171.8	.0	.0
3B04	***DURING***	.456KV= 92.4% OF	.493KV	323.7	171.8	.0	.0
3B04	***AFTER****	.456KV= 92.4% OF	.493KV	323.7	171.8	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B06	***PRIOR****	.454KV= 92.2% OF	.493KV	158.8	97.1	47.5	.1
3B06	***DURING***	.454KV= 92.2% OF	.493KV	158.8	97.1	47.5	.1
3B06	***AFTER****	.454KV= 92.2% OF	.493KV	158.8	97.1	47.5	.1

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VOLTAGE DROP ANALYSIS CASE #= 5

NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
B08N	***PRIOR****	.449KV= 91.1% OF	.493KV		117.9	72.4	21.1	12.4
B08N	***DURING***	.449KV= 91.1% OF	.493KV		117.9	72.4	21.1	12.4
B08N	***AFTER****	.449KV= 91.1% OF	.493KV		117.9	72.4	21.1	12.4

NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B52	***PRIOR****	.455KV= 92.4% OF	.493KV		16.1	9.9	16.2	.0
3B52	***DURING***	.455KV= 92.4% OF	.493KV		16.1	9.9	16.2	.0
3B52	***AFTER****	.455KV= 92.4% OF	.493KV		16.1	9.9	16.2	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B53	***PRIOR****	.453KV= 92.0% OF	.493KV		14.6	9.0	26.2	.0
3B53	***DURING***	.453KV= 92.0% OF	.493KV		14.6	9.0	26.2	.0
3B53	***AFTER****	.453KV= 92.0% OF	.493KV		14.6	9.0	26.2	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B54	***PRIOR****	.456KV= 92.4% OF	.493KV		14.6	9.0	24.3	.0
3B54	***DURING***	.456KV= 92.4% OF	.493KV		14.6	9.0	24.3	.0
3B54	***AFTER****	.456KV= 92.4% OF	.493KV		14.6	9.0	24.3	.0

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VOLTAGE DROP ANALYSIS CASE #= 6

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
2BUS113	***PRIOR****	233.797KV=100.3% OF233.000KV	.0	.0	.0	.0
2BUS113	***DURING***	233.749KV=100.3% OF233.000KV	.0	.0	.0	.0
2BUS113	***AFTER****	233.790KV=100.3% OF233.000KV	.0	.0	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AA1	***PRIOR****	4.007KV= 96.3% OF 4.160KV	4110.5	2562.7	.0	.0
3AA1	***DURING***	3.998KV= 96.1% OF 4.160KV	4110.5	2562.7	.0	.0
3AA1	***AFTER****	4.006KV= 96.3% OF 4.160KV	4110.5	2562.7	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AB1	***PRIOR****	3.969KV= 95.4% OF 4.160KV	8222.3	5129.7	.0	.0
3AB1	***DURING***	3.960KV= 95.2% OF 4.160KV	8222.3	5129.7	.0	.0
3AB1	***AFTER****	3.968KV= 95.4% OF 4.160KV	8222.3	5129.7	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AA2	***PRIOR****	3.959KV= 95.2% OF 4.160KV	5770.8	3260.8	.0	.0
3AA2	***DURING***	3.945KV= 94.8% OF 4.160KV	5770.8	3260.8	.0	.0
3AA2	***AFTER****	3.957KV= 95.1% OF 4.160KV	5770.8	3260.8	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AD	***PRIOR****	3.956KV= 95.1% OF 4.160KV	626.8	409.1	.0	.0
3AD	***DURING***	3.943KV= 94.8% OF 4.160KV	626.8	409.1	.0	.0
3AD	***AFTER****	3.954KV= 95.1% OF 4.160KV	626.8	409.1	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B01	***PRIOR****	.454KV= 92.0% OF .493KV	446.9	238.3	.0	.0
3B01	***DURING***	.452KV= 91.7% OF .493KV	446.9	238.3	.0	.0
3B01	***AFTER****	.453KV= 92.0% OF .493KV	446.9	238.3	.0	.0

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VOLTAGE DROP ANALYSIS CASE #= 6

NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B03	***PRIOR****	.455KV= 92.2% OF	.493KV		82.6	51.3	200.7	1.5
3B03	***DURING***	.442KV= 89.6% OF	.493KV		82.6	51.3	189.8	1.4
3B03	***AFTER****	.453KV= 91.8% OF	.493KV		82.6	51.3	199.2	1.5

NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B05V	***PRIOR****	.453KV= 91.9% OF	.493KV		91.9	57.0	28.2	.0
3B05V	***DURING***	.452KV= 91.6% OF	.493KV		91.9	57.0	28.0	.0
3B05V	***AFTER****	.453KV= 91.9% OF	.493KV		91.9	57.0	28.2	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B05N	***PRIOR****	.451KV= 91.6% OF	.493KV		215.5	135.0	13.3	.0
3B05N	***DURING***	.450KV= 91.2% OF	.493KV		215.5	135.0	13.2	.0
3B05N	***AFTER****	.451KV= 91.5% OF	.493KV		215.5	135.0	13.3	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B07	***PRIOR****	.448KV= 90.8% OF	.493KV		182.9	112.6	61.3	.3
3B07	***DURING***	.423KV= 85.8% OF	.493KV		317.8	426.8	54.8	.3
3B07	***AFTER****	.444KV= 90.0% OF	.493KV		244.6	150.9	60.3	.3

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP				
3V1C	***PRIOR****	100.0	.443KV= 96.3% OF	.460 KV	*	WARNING WARNING WARNING *
3V1C	***DURING***	100.0	.418KV= 91.0% OF	.460 KV	*	WARNING WARNING WARNING *
3V1C	***AFTER****	100.0	.439KV= 95.5% OF	.460 KV	*	WARNING WARNING WARNING *

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3V30C	***PRIOR****	30.0	.433KV= 94.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V30C	***DURING***	30.0	.407KV= 88.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V30C	***AFTER****	30.0	.429KV= 93.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*

STARTING MOTOR NAME		HP							
3V3C	***PRIOR****	.0	.000KV= .0% OF	.460 KV	*	MOTOR NOT STARTED YET			*
3V3C	***DURING***	75.0	.394KV= 85.7% OF	.460 KV					
3V3C	***AFTER****	75.0	.437KV= 95.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
P207A	***PRIOR****	6.0	.445KV= 96.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*
P207A	***DURING***	6.0	.420KV= 91.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*
P207A	***AFTER****	6.0	.441KV= 95.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3V2B	***PRIOR****	60.0	.439KV= 95.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V2B	***DURING***	60.0	.414KV= 90.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V2B	***AFTER****	60.0	.435KV= 94.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3V65A	***PRIOR****	2.0	.445KV= 96.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V65A	***DURING***	2.0	.420KV= 91.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V65A	***AFTER****	2.0	.441KV= 95.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B08V	***PRIOR****	.443KV= 89.8% OF	.493KV	257.5	158.1	1.7	.0
3B08V	***DURING***	.430KV= 87.2% OF	.493KV	257.5	158.1	1.6	.0
3B08V	***AFTER****	.441KV= 89.5% OF	.493KV	257.5	158.1	1.7	.0

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
3V1D    ***PRIOR****    100.0     .439KV= 95.4% OF    .460 KV     *  WARNING WARNING  WARNING  *
3V1D    ***DURING***    100.0     .426KV= 92.5% OF    .460 KV     *  WARNING WARNING  WARNING  *
3V1D    ***AFTER****    100.0     .437KV= 95.0% OF    .460 KV     *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
3V30B   ***PRIOR****     30.0     .428KV= 93.1% OF    .460 KV     *  WARNING WARNING  WARNING  *
3V30B   ***DURING***     30.0     .415KV= 90.2% OF    .460 KV     *  WARNING WARNING  WARNING  *
3V30B   ***AFTER****     30.0     .427KV= 92.7% OF    .460 KV     *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
V11     ***PRIOR****     10.0     .439KV= 95.4% OF    .460 KV     *  WARNING WARNING  WARNING  *
V11     ***DURING***     10.0     .426KV= 92.6% OF    .460 KV     *  WARNING WARNING  WARNING  *
V11     ***AFTER****     10.0     .437KV= 95.1% OF    .460 KV     *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
V29B    ***PRIOR****      1.0     .442KV= 96.0% OF    .460 KV     *  WARNING WARNING  WARNING  *
V29B    ***DURING***      1.0     .429KV= 93.2% OF    .460 KV     *  WARNING WARNING  WARNING  *
V29B    ***AFTER****      1.0     .440KV= 95.7% OF    .460 KV     *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
E16C/17***PRIOR****      34.0     .431KV= 93.6% OF    .460 KV     *  WARNING WARNING  WARNING  *
E16C/17***DURING***      34.0     .417KV= 90.7% OF    .460 KV     *  WARNING WARNING  WARNING  *
E16C/17***AFTER****      34.0     .429KV= 93.2% OF    .460 KV     *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
E16D    ***PRIOR****     36.0     .439KV= 95.5% OF    .460 KV     *  WARNING WARNING  WARNING  *
E16D    ***DURING***     36.0     .426KV= 92.7% OF    .460 KV     *  WARNING WARNING  WARNING  *
E16D    ***AFTER****     36.0     .438KV= 95.1% OF    .460 KV     *  WARNING WARNING  WARNING  *
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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
P42B	***PRIOR****	3.0	.439KV= 95.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*
P42B	***DURING***	3.0	.426KV= 92.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*
P42B	***AFTER****	3.0	.437KV= 95.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
V77/E23	***PRIOR****	36.0	.437KV= 95.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*
V77/E23	***DURING***	36.0	.424KV= 92.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*
V77/E23	***AFTER****	36.0	.435KV= 94.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
NS74B	***PRIOR****	50.5	.435KV= 94.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*
NS74B	***DURING***	50.5	.422KV= 91.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*
NS74B	***AFTER****	50.5	.433KV= 94.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
S77B	***PRIOR****	3.4	.438KV= 95.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S77B	***DURING***	3.4	.425KV= 92.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S77B	***AFTER****	3.4	.436KV= 94.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
S78B	***PRIOR****	3.4	.438KV= 95.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S78B	***DURING***	3.4	.425KV= 92.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S78B	***AFTER****	3.4	.436KV= 94.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
S75B	***PRIOR****	5.0	.437KV= 95.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S75B	***DURING***	5.0	.424KV= 92.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S75B	***AFTER****	5.0	.435KV= 94.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B50	***PRIOR****	.446KV= 90.4% OF	.493KV	123.4	60.8	.0	.0
3B50	***DURING***	.433KV= 87.8% OF	.493KV	123.4	60.8	.0	.0
3B50	***AFTER****	.444KV= 90.0% OF	.493KV	123.4	60.8	.0	.0

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3P201C	***PRIOR****	150.0	.437KV= 95.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P201C	***DURING***	150.0	.424KV= 92.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P201C	***AFTER****	150.0	.435KV= 94.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AB2	***PRIOR****	3.930KV= 94.5% OF	4.160KV	5770.9	3261.1	.0	.0
3AB2	***DURING***	3.916KV= 94.1% OF	4.160KV	5770.9	3261.1	.0	.0
3AB2	***AFTER****	3.928KV= 94.4% OF	4.160KV	5770.9	3261.1	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B02	***PRIOR****	.459KV= 93.1% OF	.493KV	207.0	113.4	.0	.0
3B02	***DURING***	.446KV= 90.5% OF	.493KV	207.0	113.4	.0	.0
3B02	***AFTER****	.457KV= 92.8% OF	.493KV	207.0	113.4	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B04	***PRIOR****	.456KV= 92.5% OF	.493KV	323.7	171.8	.0	.0
3B04	***DURING***	.454KV= 92.1% OF	.493KV	323.7	171.8	.0	.0
3B04	***AFTER****	.456KV= 92.4% OF	.493KV	323.7	171.8	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B06	***PRIOR****	.456KV= 92.4% OF	.493KV	129.5	79.3	47.8	.1
3B06	***DURING***	.435KV= 88.1% OF	.493KV	271.1	413.5	43.4	.1
3B06	***AFTER****	.453KV= 91.8% OF	.493KV	191.1	117.5	47.1	.1

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VOLTAGE DROP ANALYSIS CASE #= 6

STARTING MOTOR NAME		HP				
3V3A	***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *	
3V3A	***DURING***	75.0	.408KV= 88.6% OF	.460 KV		
3V3A	***AFTER****	75.0	.447KV= 97.1% OF	.460 KV		

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
B08N	***PRIOR****	.449KV= 91.1% OF	.493KV	117.9	72.4	21.1	12.4
B08N	***DURING***	.448KV= 90.8% OF	.493KV	117.9	72.4	20.9	12.3
B08N	***AFTER****	.449KV= 91.1% OF	.493KV	117.9	72.4	21.1	12.4

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B52	***PRIOR****	.456KV= 92.4% OF	.493KV	16.1	9.9	16.2	.0
3B52	***DURING***	.454KV= 92.1% OF	.493KV	16.1	9.9	16.1	.0
3B52	***AFTER****	.455KV= 92.3% OF	.493KV	16.1	9.9	16.2	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B53	***PRIOR****	.454KV= 92.0% OF	.493KV	14.6	9.0	26.3	.0
3B53	***DURING***	.452KV= 91.7% OF	.493KV	14.6	9.0	26.1	.0
3B53	***AFTER****	.454KV= 92.0% OF	.493KV	14.6	9.0	26.2	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B54	***PRIOR****	.456KV= 92.5% OF	.493KV	14.6	9.0	24.4	.0
3B54	***DURING***	.454KV= 92.1% OF	.493KV	14.6	9.0	24.2	.0
3B54	***AFTER****	.456KV= 92.4% OF	.493KV	14.6	9.0	24.3	.0

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NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
2BUS113	***PRIOR****	233.787KV=100.3% OF233.000KV	.0	.0	.0	.0
2BUS113	***DURING***	233.763KV=100.3% OF233.000KV	.0	.0	.0	.0
2BUS113	***AFTER****	233.783KV=100.3% OF233.000KV	.0	.0	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AA1	***PRIOR****	4.005KV= 96.3% OF 4.160KV	4110.5	2562.7	.0	.0
3AA1	***DURING***	3.997KV= 96.1% OF 4.160KV	4110.5	2562.7	.0	.0
3AA1	***AFTER****	4.004KV= 96.3% OF 4.160KV	4110.5	2562.7	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AB1	***PRIOR****	3.967KV= 95.4% OF 4.160KV	8222.3	5129.7	.0	.0
3AB1	***DURING***	3.966KV= 95.3% OF 4.160KV	8222.3	5129.7	.0	.0
3AB1	***AFTER****	3.967KV= 95.3% OF 4.160KV	8222.3	5129.7	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AA2	***PRIOR****	3.957KV= 95.1% OF 4.160KV	5770.8	3260.8	.0	.0
3AA2	***DURING***	3.944KV= 94.8% OF 4.160KV	5770.8	3260.8	.0	.0
3AA2	***AFTER****	3.955KV= 95.1% OF 4.160KV	5770.8	3260.8	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AD	***PRIOR****	3.954KV= 95.1% OF 4.160KV	626.8	409.1	.0	.0
3AD	***DURING***	3.942KV= 94.8% OF 4.160KV	626.8	409.1	.0	.0
3AD	***AFTER****	3.952KV= 95.0% OF 4.160KV	626.8	409.1	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B01	***PRIOR****	.453KV= 92.0% OF .493KV	446.9	238.3	.0	.0
3B01	***DURING***	.452KV= 91.7% OF .493KV	446.9	238.3	.0	.0
3B01	***AFTER****	.453KV= 91.9% OF .493KV	446.9	238.3	.0	.0

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NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B03	***PRIOR****	.453KV= 91.8% OF	.493KV	82.6	51.3	199.2	1.5
3B03	***DURING***	.440KV= 89.3% OF	.493KV	82.6	51.3	188.4	1.4
3B03	***AFTER****	.451KV= 91.5% OF	.493KV	82.6	51.3	197.6	1.4

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B05V	***PRIOR****	.453KV= 91.9% OF	.493KV	91.9	57.0	28.2	.0
3B05V	***DURING***	.451KV= 91.6% OF	.493KV	91.9	57.0	28.0	.0
3B05V	***AFTER****	.453KV= 91.8% OF	.493KV	91.9	57.0	28.2	.0

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3V1A	***PRIOR****	100.0	.442KV= 96.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V1A	***DURING***	100.0	.440KV= 95.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V1A	***AFTER****	100.0	.441KV= 96.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B05N	***PRIOR****	.451KV= 91.5% OF	.493KV	215.5	135.0	13.2	.0
3B05N	***DURING***	.450KV= 91.2% OF	.493KV	215.5	135.0	13.2	.0
3B05N	***AFTER****	.451KV= 91.5% OF	.493KV	215.5	135.0	13.2	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B07	***PRIOR****	.444KV= 90.0% OF	.493KV	244.6	150.9	60.2	.3
3B07	***DURING***	.431KV= 87.5% OF	.493KV	244.6	150.9	56.9	.3
3B07	***AFTER****	.442KV= 89.7% OF	.493KV	244.6	150.9	59.8	.3

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VOLTAGE DROP ANALYSIS CASE #= 7

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3P203A	***PRIOR****	15.0	.443KV= 96.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P203A	***DURING***	15.0	.430KV= 93.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P203A	***AFTER****	15.0	.441KV= 95.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3V1C	***PRIOR****	100.0	.439KV= 95.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V1C	***DURING***	100.0	.427KV= 92.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V1C	***AFTER****	100.0	.437KV= 95.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3V30C	***PRIOR****	30.0	.429KV= 93.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V30C	***DURING***	30.0	.416KV= 90.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V30C	***AFTER****	30.0	.427KV= 92.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3V3C	***PRIOR****	75.0	.437KV= 95.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V3C	***DURING***	75.0	.424KV= 92.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V3C	***AFTER****	75.0	.435KV= 94.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
P207A	***PRIOR****	6.0	.441KV= 95.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*
P207A	***DURING***	6.0	.428KV= 93.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*
P207A	***AFTER****	6.0	.439KV= 95.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
T206	***PRIOR****	1.5	.442KV= 96.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*
T206	***DURING***	1.5	.430KV= 93.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*
T206	***AFTER****	1.5	.440KV= 95.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3V2B	***PRIOR****	60.0	.435KV= 94.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V2B	***DURING***	60.0	.422KV= 91.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V2B	***AFTER****	60.0	.433KV= 94.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3V65A	***PRIOR****	2.0	.441KV= 95.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V65A	***DURING***	2.0	.428KV= 93.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V65A	***AFTER****	2.0	.439KV= 95.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
P42A	***PRIOR****	7.5	.442KV= 96.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*
P42A	***DURING***	7.5	.429KV= 93.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*
P42A	***AFTER****	7.5	.440KV= 95.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B08V	***PRIOR****	.441KV= 89.4% OF	.493KV	257.5	158.1	1.7	.0
3B08V	***DURING***	.416KV= 84.3% OF	.493KV	387.9	459.7	1.5	.0
3B08V	***AFTER****	.437KV= 88.6% OF	.493KV	319.3	196.4	1.7	.0

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3V1D	***PRIOR****	100.0	.437KV= 95.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V1D	***DURING***	100.0	.411KV= 89.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V1D	***AFTER****	100.0	.433KV= 94.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3V30B	***PRIOR****	30.0	.427KV= 92.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V30B	***DURING***	30.0	.401KV= 87.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V30B	***AFTER****	30.0	.422KV= 91.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*

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STARTING MOTOR NAME            HP

      3V3B   ***PRIOR****      .0      .000KV=   .0% OF    .460 KV     * MOTOR NOT STARTED YET *
      3V3B   ***DURING***    75.0      .386KV= 83.8% OF    .460 KV
      3V3B   ***AFTER****    75.0      .429KV= 93.4% OF    .460 KV     *  WARNING WARNING  WARNING  *

      CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                             HP
      V11    ***PRIOR****    10.0      .437KV= 95.1% OF    .460 KV     *  WARNING WARNING  WARNING  *
      V11    ***DURING***    10.0      .412KV= 89.5% OF    .460 KV     *  WARNING WARNING  WARNING  *
      V11    ***AFTER****    10.0      .433KV= 94.1% OF    .460 KV     *  WARNING WARNING  WARNING  *

      CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                             HP
      V29B   ***PRIOR****     1.0      .440KV= 95.7% OF    .460 KV     *  WARNING WARNING  WARNING  *
      V29B   ***DURING***     1.0      .415KV= 90.2% OF    .460 KV     *  WARNING WARNING  WARNING  *
      V29B   ***AFTER****     1.0      .436KV= 94.7% OF    .460 KV     *  WARNING WARNING  WARNING  *

      CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                             HP
      E16C/17***PRIOR****    34.0      .429KV= 93.2% OF    .460 KV     *  WARNING WARNING  WARNING  *
      E16C/17***DURING***    34.0      .403KV= 87.6% OF    .460 KV     *  WARNING WARNING  WARNING  *
      E16C/17***AFTER****    34.0      .424KV= 92.3% OF    .460 KV     *  WARNING WARNING  WARNING  *

      CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                             HP
      E16D   ***PRIOR****    36.0      .437KV= 95.1% OF    .460 KV     *  WARNING WARNING  WARNING  *
      E16D   ***DURING***    36.0      .412KV= 89.6% OF    .460 KV     *  WARNING WARNING  WARNING  *
      E16D   ***AFTER****    36.0      .433KV= 94.2% OF    .460 KV     *  WARNING WARNING  WARNING  *

      CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                             HP
      P42B   ***PRIOR****     3.0      .437KV= 95.1% OF    .460 KV     *  WARNING WARNING  WARNING  *
      P42B   ***DURING***     3.0      .412KV= 89.5% OF    .460 KV     *  WARNING WARNING  WARNING  *
      P42B   ***AFTER****     3.0      .433KV= 94.1% OF    .460 KV     *  WARNING WARNING  WARNING  *
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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

	HP							
V77/E23***PRIOR****	36.0	.435KV= 94.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*
V77/E23***DURING***	36.0	.410KV= 89.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*
V77/E23***AFTER****	36.0	.431KV= 93.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

	HP							
NS74B ***PRIOR****	50.5	.433KV= 94.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*
NS74B ***DURING***	50.5	.407KV= 88.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*
NS74B ***AFTER****	50.5	.429KV= 93.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

	HP							
S77B ***PRIOR****	3.4	.436KV= 94.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S77B ***DURING***	3.4	.410KV= 89.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S77B ***AFTER****	3.4	.432KV= 93.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

	HP							
S78B ***PRIOR****	3.4	.436KV= 94.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S78B ***DURING***	3.4	.411KV= 89.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S78B ***AFTER****	3.4	.432KV= 94.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

	HP							
S75B ***PRIOR****	5.0	.435KV= 94.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S75B ***DURING***	5.0	.409KV= 89.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S75B ***AFTER****	5.0	.431KV= 93.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3850	***PRIOR****	.444KV= 90.0% OF	.493KV	123.4	60.8	.0	.0
3850	***DURING***	.422KV= 85.6% OF	.493KV	123.4	60.8	.0	.0
3850	***AFTER****	.440KV= 89.3% OF	.493KV	123.4	60.8	.0	.0

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3P201C	***PRIOR****	150.0	.435KV= 94.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P201C	***DURING***	150.0	.413KV= 89.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P201C	***AFTER****	150.0	.432KV= 93.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AB2	***PRIOR****	3.927KV= 94.4% OF	4.160KV	5850.1	3301.8	.0	.0
3AB2	***DURING***	3.926KV= 94.4% OF	4.160KV	5850.1	3301.8	.0	.0
3AB2	***AFTER****	3.927KV= 94.4% OF	4.160KV	5850.1	3301.8	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B02	***PRIOR****	.457KV= 92.7% OF	.493KV	207.0	113.4	.0	.0
3B02	***DURING***	.457KV= 92.7% OF	.493KV	207.0	113.4	.0	.0
3B02	***AFTER****	.457KV= 92.7% OF	.493KV	207.0	113.4	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B04	***PRIOR****	.455KV= 92.4% OF	.493KV	323.7	171.8	.0	.0
3B04	***DURING***	.455KV= 92.3% OF	.493KV	323.7	171.8	.0	.0
3B04	***AFTER****	.455KV= 92.4% OF	.493KV	323.7	171.8	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B06	***PRIOR****	.453KV= 91.8% OF	.493KV	191.1	117.5	47.1	.1
3B06	***DURING***	.452KV= 91.8% OF	.493KV	191.1	117.5	47.1	.1
3B06	***AFTER****	.453KV= 91.8% OF	.493KV	191.1	117.5	47.1	.1

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3V30A	***PRIOR****	30.0	.442KV= 96.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V30A	***DURING***	30.0	.441KV= 95.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V30A	***AFTER****	30.0	.441KV= 96.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
B08N	***PRIOR****	.449KV= 91.0% OF	.493KV	117.9	72.4	21.1	12.3
B08N	***DURING***	.449KV= 91.0% OF	.493KV	117.9	72.4	21.0	12.3
B08N	***AFTER****	.449KV= 91.0% OF	.493KV	117.9	72.4	21.1	12.3

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VOLTAGE DROP ANALYSIS CASE #= 7

NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B52	***PRIOR****	.455KV=	92.3% OF	.493KV	16.1	9.9	16.2	.0
3B52	***DURING***	.455KV=	92.3% OF	.493KV	16.1	9.9	16.2	.0
3B52	***AFTER****	.455KV=	92.3% OF	.493KV	16.1	9.9	16.2	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B53	***PRIOR****	.454KV=	92.0% OF	.493KV	14.6	9.0	26.2	.0
3B53	***DURING***	.452KV=	91.7% OF	.493KV	14.6	9.0	26.1	.0
3B53	***AFTER****	.453KV=	91.9% OF	.493KV	14.6	9.0	26.2	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B54	***PRIOR****	.455KV=	92.4% OF	.493KV	14.6	9.0	24.3	.0
3B54	***DURING***	.455KV=	92.3% OF	.493KV	14.6	9.0	24.3	.0
3B54	***AFTER****	.455KV=	92.4% OF	.493KV	14.6	9.0	24.3	.0

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NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
2BUS113	***PRIOR****	233.783KV=100.3% OF233.000KV	.0	.0	.0	.0
2BUS113	***DURING***	233.783KV=100.3% OF233.000KV	.0	.0	.0	.0
2BUS113	***AFTER****	233.783KV=100.3% OF233.000KV	.0	.0	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AA1	***PRIOR****	4.004KV= 96.3% OF 4.160KV	4110.5	2562.7	.0	.0
3AA1	***DURING***	4.004KV= 96.3% OF 4.160KV	4110.5	2562.7	.0	.0
3AA1	***AFTER****	4.004KV= 96.3% OF 4.160KV	4110.5	2562.7	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AB1	***PRIOR****	3.967KV= 95.3% OF 4.160KV	8222.3	5129.7	.0	.0
3AB1	***DURING***	3.967KV= 95.3% OF 4.160KV	8222.3	5129.7	.0	.0
3AB1	***AFTER****	3.967KV= 95.3% OF 4.160KV	8222.3	5129.7	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AA2	***PRIOR****	3.955KV= 95.1% OF 4.160KV	5770.8	3260.8	.0	.0
3AA2	***DURING***	3.955KV= 95.1% OF 4.160KV	5770.8	3260.8	.0	.0
3AA2	***AFTER****	3.955KV= 95.1% OF 4.160KV	5770.8	3260.8	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AD	***PRIOR****	3.952KV= 95.0% OF 4.160KV	626.8	409.1	.0	.0
3AD	***DURING***	3.952KV= 95.0% OF 4.160KV	626.8	409.1	.0	.0
3AD	***AFTER****	3.952KV= 95.0% OF 4.160KV	626.8	409.1	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B01	***PRIOR****	.453KV= 91.9% OF .493KV	446.9	238.3	.0	.0
3B01	***DURING***	.453KV= 91.9% OF .493KV	446.9	238.3	.0	.0
3B01	***AFTER****	.453KV= 91.9% OF .493KV	446.9	238.3	.0	.0

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NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B03	***PRIOR****	.451KV= 91.5% OF	.493KV	82.6	51.3	197.6	1.4
3B03	***DURING***	.451KV= 91.5% OF	.493KV	82.6	51.3	197.6	1.4
3B03	***AFTER****	.451KV= 91.5% OF	.493KV	82.6	51.3	197.6	1.4

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B05V	***PRIOR****	.453KV= 91.8% OF	.493KV	91.9	57.0	28.2	.0
3B05V	***DURING***	.453KV= 91.8% OF	.493KV	91.9	57.0	28.2	.0
3B05V	***AFTER****	.453KV= 91.8% OF	.493KV	91.9	57.0	28.2	.0

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3V1A	***PRIOR****	100.0	.441KV= 96.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V1A	***DURING***	100.0	.441KV= 96.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V1A	***AFTER****	100.0	.441KV= 96.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B05N	***PRIOR****	.451KV= 91.5% OF	.493KV	215.5	135.0	13.2	.0
3B05N	***DURING***	.451KV= 91.5% OF	.493KV	215.5	135.0	13.2	.0
3B05N	***AFTER****	.451KV= 91.5% OF	.493KV	215.5	135.0	13.2	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B07	***PRIOR****	.442KV= 89.7% OF	.493KV	244.6	150.9	59.8	.3
3B07	***DURING***	.442KV= 89.7% OF	.493KV	244.6	150.9	59.8	.3
3B07	***AFTER****	.442KV= 89.7% OF	.493KV	244.6	150.9	59.8	.3

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3P203A	***PRIOR****	15.0	.441KV=	95.8% OF	.460 KV	*	WARNING WARNING	WARNING	*
3P203A	***DURING***	15.0	.441KV=	95.8% OF	.460 KV	*	WARNING WARNING	WARNING	*
3P203A	***AFTER****	15.0	.441KV=	95.8% OF	.460 KV	*	WARNING WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3V1C	***PRIOR****	100.0	.437KV=	95.1% OF	.460 KV	*	WARNING WARNING	WARNING	*
3V1C	***DURING***	100.0	.437KV=	95.1% OF	.460 KV	*	WARNING WARNING	WARNING	*
3V1C	***AFTER****	100.0	.437KV=	95.1% OF	.460 KV	*	WARNING WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3V30C	***PRIOR****	30.0	.427KV=	92.8% OF	.460 KV	*	WARNING WARNING	WARNING	*
3V30C	***DURING***	30.0	.427KV=	92.8% OF	.460 KV	*	WARNING WARNING	WARNING	*
3V30C	***AFTER****	30.0	.427KV=	92.8% OF	.460 KV	*	WARNING WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3V3C	***PRIOR****	75.0	.435KV=	94.6% OF	.460 KV	*	WARNING WARNING	WARNING	*
3V3C	***DURING***	75.0	.435KV=	94.6% OF	.460 KV	*	WARNING WARNING	WARNING	*
3V3C	***AFTER****	75.0	.435KV=	94.6% OF	.460 KV	*	WARNING WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
P207A	***PRIOR****	6.0	.439KV=	95.5% OF	.460 KV	*	WARNING WARNING	WARNING	*
P207A	***DURING***	6.0	.439KV=	95.5% OF	.460 KV	*	WARNING WARNING	WARNING	*
P207A	***AFTER****	6.0	.439KV=	95.5% OF	.460 KV	*	WARNING WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
T206	***PRIOR****	1.5	.440KV=	95.7% OF	.460 KV	*	WARNING WARNING	WARNING	*
T206	***DURING***	1.5	.440KV=	95.7% OF	.460 KV	*	WARNING WARNING	WARNING	*
T206	***AFTER****	1.5	.440KV=	95.7% OF	.460 KV	*	WARNING WARNING	WARNING	*

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3V2B	***PRIOR****	60.0	.433KV= 94.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V2B	***DURING***	60.0	.433KV= 94.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V2B	***AFTER****	60.0	.433KV= 94.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3V65A	***PRIOR****	2.0	.439KV= 95.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V65A	***DURING***	2.0	.439KV= 95.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V65A	***AFTER****	2.0	.439KV= 95.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
P42A	***PRIOR****	7.5	.440KV= 95.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*
P42A	***DURING***	7.5	.440KV= 95.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*
P42A	***AFTER****	7.5	.440KV= 95.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B08V	***PRIOR****	.437KV= 88.6% OF	.493KV	319.3	196.4	1.7	.0
3B08V	***DURING***	.437KV= 88.6% OF	.493KV	319.3	196.4	1.7	.0
3B08V	***AFTER****	.437KV= 88.6% OF	.493KV	319.3	196.4	1.7	.0

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3V1D	***PRIOR****	100.0	.433KV= 94.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V1D	***DURING***	100.0	.433KV= 94.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V1D	***AFTER****	100.0	.433KV= 94.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3V30B	***PRIOR****	30.0	.422KV= 91.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V30B	***DURING***	30.0	.422KV= 91.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V30B	***AFTER****	30.0	.422KV= 91.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
3V3B    ***PRIOR****     75.0      .429KV= 93.4% OF    .460 KV      *  WARNING WARNING  WARNING  *
3V3B    ***DURING***     75.0      .429KV= 93.4% OF    .460 KV      *  WARNING WARNING  WARNING  *
3V3B    ***AFTER****     75.0      .429KV= 93.4% OF    .460 KV      *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
V11     ***PRIOR****     10.0      .433KV= 94.1% OF    .460 KV      *  WARNING WARNING  WARNING  *
V11     ***DURING***     10.0      .433KV= 94.1% OF    .460 KV      *  WARNING WARNING  WARNING  *
V11     ***AFTER****     10.0      .433KV= 94.1% OF    .460 KV      *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
V29B    ***PRIOR****      1.0      .436KV= 94.7% OF    .460 KV      *  WARNING WARNING  WARNING  *
V29B    ***DURING***      1.0      .436KV= 94.7% OF    .460 KV      *  WARNING WARNING  WARNING  *
V29B    ***AFTER****      1.0      .436KV= 94.7% OF    .460 KV      *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
E16C/17***PRIOR****      34.0      .424KV= 92.3% OF    .460 KV      *  WARNING WARNING  WARNING  *
E16C/17***DURING***      34.0      .424KV= 92.3% OF    .460 KV      *  WARNING WARNING  WARNING  *
E16C/17***AFTER****      34.0      .424KV= 92.3% OF    .460 KV      *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
E16D    ***PRIOR****     36.0      .433KV= 94.2% OF    .460 KV      *  WARNING WARNING  WARNING  *
E16D    ***DURING***     36.0      .433KV= 94.2% OF    .460 KV      *  WARNING WARNING  WARNING  *
E16D    ***AFTER****     36.0      .433KV= 94.2% OF    .460 KV      *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
P42B    ***PRIOR****      3.0      .433KV= 94.1% OF    .460 KV      *  WARNING WARNING  WARNING  *
P42B    ***DURING***      3.0      .433KV= 94.1% OF    .460 KV      *  WARNING WARNING  WARNING  *
P42B    ***AFTER****      3.0      .433KV= 94.1% OF    .460 KV      *  WARNING WARNING  WARNING  *
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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP								
V77/E23	***PRIOR****	36.0	.431KV=	93.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*
V77/E23	***DURING***	36.0	.431KV=	93.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*
V77/E23	***AFTER****	36.0	.431KV=	93.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP								
NS74B	***PRIOR****	50.5	.429KV=	93.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*
NS74B	***DURING***	50.5	.429KV=	93.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*
NS74B	***AFTER****	50.5	.429KV=	93.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP								
S77B	***PRIOR****	3.4	.432KV=	93.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S77B	***DURING***	3.4	.432KV=	93.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S77B	***AFTER****	3.4	.432KV=	93.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP								
S78B	***PRIOR****	3.4	.432KV=	94.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S78B	***DURING***	3.4	.432KV=	94.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S78B	***AFTER****	3.4	.432KV=	94.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP								
S75B	***PRIOR****	5.0	.431KV=	93.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S75B	***DURING***	5.0	.431KV=	93.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S75B	***AFTER****	5.0	.431KV=	93.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3850	***PRIOR****	.440KV=	89.3% OF	.493KV	123.4	60.8	.0	.0
3850	***DURING***	.440KV=	89.3% OF	.493KV	123.4	60.8	.0	.0
3850	***AFTER****	.440KV=	89.3% OF	.493KV	123.4	60.8	.0	.0

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3P201C	***PRIOR****	150.0	.432KV= 93.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P201C	***DURING***	150.0	.432KV= 93.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P201C	***AFTER****	150.0	.432KV= 93.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AB2	***PRIOR****	3.927KV= 94.4% OF	4.160KV	5850.1	3301.8	.0	.0
3AB2	***DURING***	3.927KV= 94.4% OF	4.160KV	5850.1	3301.8	.0	.0
3AB2	***AFTER****	3.927KV= 94.4% OF	4.160KV	5850.1	3301.8	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B02	***PRIOR****	.457KV= 92.7% OF	.493KV	207.0	113.4	.0	.0
3B02	***DURING***	.457KV= 92.7% OF	.493KV	207.0	113.4	.0	.0
3B02	***AFTER****	.457KV= 92.7% OF	.493KV	207.0	113.4	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B04	***PRIOR****	.455KV= 92.4% OF	.493KV	323.7	171.8	.0	.0
3B04	***DURING***	.455KV= 92.4% OF	.493KV	323.7	171.8	.0	.0
3B04	***AFTER****	.455KV= 92.4% OF	.493KV	323.7	171.8	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B06	***PRIOR****	.453KV= 91.8% OF	.493KV	191.1	117.5	47.1	.1
3B06	***DURING***	.453KV= 91.8% OF	.493KV	191.1	117.5	47.1	.1
3B06	***AFTER****	.453KV= 91.8% OF	.493KV	191.1	117.5	47.1	.1

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3V30A	***PRIOR****	30.0	.441KV= 96.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V30A	***DURING***	30.0	.441KV= 96.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V30A	***AFTER****	30.0	.441KV= 96.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
B08N	***PRIOR****	.449KV= 91.0% OF	.493KV	117.9	72.4	21.1	12.3
B08N	***DURING***	.449KV= 91.0% OF	.493KV	117.9	72.4	21.1	12.3
B08N	***AFTER****	.449KV= 91.0% OF	.493KV	117.9	72.4	21.1	12.3

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NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B52	***PRIOR****	.455KV= 92.3% OF	.493KV	16.1	9.9	16.2	.0
3B52	***DURING***	.455KV= 92.3% OF	.493KV	16.1	9.9	16.2	.0
3B52	***AFTER****	.455KV= 92.3% OF	.493KV	16.1	9.9	16.2	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B53	***PRIOR****	.453KV= 91.9% OF	.493KV	14.6	9.0	26.2	.0
3B53	***DURING***	.453KV= 91.9% OF	.493KV	14.6	9.0	26.2	.0
3B53	***AFTER****	.453KV= 91.9% OF	.493KV	14.6	9.0	26.2	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B54	***PRIOR****	.455KV= 92.4% OF	.493KV	14.6	9.0	24.3	.0
3B54	***DURING***	.455KV= 92.4% OF	.493KV	14.6	9.0	24.3	.0
3B54	***AFTER****	.455KV= 92.4% OF	.493KV	14.6	9.0	24.3	.0

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NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
28US113	***PRIOR****	233.786KV=100.3% OF233.000KV	.0	.0	.0	.0
28US113	***DURING***	231.882KV= 99.5% OF233.000KV	.0	.0	.0	.0
28US113	***AFTER****	233.571KV=100.2% OF233.000KV	.0	.0	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AA1	***PRIOR****	4.004KV= 96.3% OF 4.160KV	4110.5	2562.7	.0	.0
3AA1	***DURING***	3.348KV= 80.5% OF 4.160KV	9622.8	28943.1	.0	.0
3AA1	***AFTER****	3.938KV= 94.7% OF 4.160KV	9564.0	5218.3	.0	.0

STARTING MOTOR NAME		HP		
3P1A	***PRIOR****	.0	.000KV= .0% OF 4.000 KV	* MOTOR NOT STARTED YET *
3P1A	***DURING***	7000.0	3.280KV= 82.0% OF 4.000 KV	* WARNING WARNING WARNING *
3P1A	***AFTER****	7000.0	3.927KV= 98.2% OF 4.000 KV	

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AB1	***PRIOR****	3.968KV= 95.4% OF 4.160KV	8222.3	5129.7	.0	.0
3AB1	***DURING***	3.870KV= 93.0% OF 4.160KV	8222.3	5129.7	.0	.0
3AB1	***AFTER****	3.957KV= 95.1% OF 4.160KV	8222.3	5129.7	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AA2	***PRIOR****	3.955KV= 95.1% OF 4.160KV	5770.8	3260.8	.0	.0
3AA2	***DURING***	3.288KV= 79.0% OF 4.160KV	5770.8	3260.8	.0	.0
3AA2	***AFTER****	3.888KV= 93.5% OF 4.160KV	5770.8	3260.8	.0	.0

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VOLTAGE DROP ANALYSIS CASE #= 9

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3P3A	***PRIOR****	700.0	3.948KV= 98.7% OF	4.000 KV	*	WARNING	WARNING	WARNING	*
3P3A	***DURING***	700.0	3.280KV= 82.0% OF	4.000 KV	*	WARNING	WARNING	WARNING	*
3P3A	***AFTER****	700.0	3.881KV= 97.0% OF	4.000 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3P7A	***PRIOR****	1250.0	3.942KV= 98.6% OF	4.000 KV	*	WARNING	WARNING	WARNING	*
3P7A	***DURING***	1250.0	3.273KV= 81.8% OF	4.000 KV	*	WARNING	WARNING	WARNING	*
3P7A	***AFTER****	1250.0	3.875KV= 96.9% OF	4.000 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3P7C	***PRIOR****	1250.0	3.942KV= 98.6% OF	4.000 KV	*	WARNING	WARNING	WARNING	*
3P7C	***DURING***	1250.0	3.272KV= 81.8% OF	4.000 KV	*	WARNING	WARNING	WARNING	*
3P7C	***AFTER****	1250.0	3.874KV= 96.9% OF	4.000 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AD	***PRIOR****	3.952KV= 95.0% OF	4.160KV	626.8	409.1	.0	.0
3AD	***DURING***	3.285KV= 79.0% OF	4.160KV	626.8	409.1	.0	.0
3AD	***AFTER****	3.885KV= 93.4% OF	4.160KV	626.8	409.1	.0	.0

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3P211C	***PRIOR****	450.0	3.947KV= 98.7% OF	4.000 KV	*	WARNING	WARNING	WARNING	*
3P211C	***DURING***	450.0	3.278KV= 82.0% OF	4.000 KV	*	WARNING	WARNING	WARNING	*
3P211C	***AFTER****	450.0	3.880KV= 97.0% OF	4.000 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B01	***PRIOR****	.453KV= 91.9% OF	.493KV	446.9	238.3	.0	.0
3B01	***DURING***	.370KV= 75.1% OF	.493KV	446.9	238.3	.0	.0
3B01	***AFTER****	.445KV= 90.2% OF	.493KV	446.9	238.3	.0	.0

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3P201A	***PRIOR****	150.0	.444KV= 96.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P201A	***DURING***	150.0	.359KV= 78.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P201A	***AFTER****	150.0	.435KV= 94.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3P214A	***PRIOR****	250.0	.447KV= 97.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P214A	***DURING***	250.0	.363KV= 78.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P214A	***AFTER****	250.0	.439KV= 95.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3S6A	***PRIOR****	150.0	.443KV= 96.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3S6A	***DURING***	150.0	.358KV= 77.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3S6A	***AFTER****	150.0	.434KV= 94.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B03	***PRIOR****	.451KV= 91.5% OF	.493KV	82.6	51.3	197.6	1.4
3B03	***DURING***	.368KV= 74.6% OF	.493KV	82.6	51.3	131.3	1.0
3B03	***AFTER****	.443KV= 89.8% OF	.493KV	82.6	51.3	190.4	1.4

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3P212	***PRIOR****	100.0	.442KV= 96.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P212	***DURING***	100.0	.357KV= 77.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P212	***AFTER****	100.0	.434KV= 94.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B05V	***PRIOR****	.453KV= 91.8% OF	.493KV	91.9	57.0	28.2	.0
3B05V	***DURING***	.370KV= 75.0% OF	.493KV	91.9	57.0	18.8	.0
3B05V	***AFTER****	.444KV= 90.1% OF	.493KV	91.9	57.0	27.2	.0

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3C2A	***PRIOR****	5.0	.448KV= 97.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3C2A	***DURING***	5.0	.364KV= 79.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3C2A	***AFTER****	5.0	.440KV= 95.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3P10	***PRIOR****	.8	.452KV= 98.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P10	***DURING***	.8	.369KV= 80.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P10	***AFTER****	.8	.444KV= 96.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3V1A	***PRIOR****	100.0	.441KV= 96.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V1A	***DURING***	100.0	.356KV= 77.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V1A	***AFTER****	100.0	.433KV= 94.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3V34	***PRIOR****	5.0	.448KV= 97.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V34	***DURING***	5.0	.365KV= 79.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V34	***AFTER****	5.0	.440KV= 95.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B05N	***PRIOR****	.451KV= 91.5% OF	.493KV	215.5	135.0	13.2	.0
3B05N	***DURING***	.368KV= 74.6% OF	.493KV	215.5	135.0	8.8	.0
3B05N	***AFTER****	.443KV= 89.8% OF	.493KV	215.5	135.0	12.8	.0

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3P19C	***PRIOR****	.5	.450KV= 97.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P19C	***DURING***	.5	.367KV= 79.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P19C	***AFTER****	.5	.442KV= 96.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
3V14A  ***PRIOR****      7.5      .439KV= 95.5% OF    .460 KV     *  WARNING WARNING  WARNING  *
3V14A  ***DURING***      7.5      .353KV= 76.8% OF    .460 KV     *  WARNING WARNING  WARNING  *
3V14A  ***AFTER****      7.5      .431KV= 93.6% OF    .460 KV     *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
3V16   ***PRIOR****      2.0      .450KV= 97.9% OF    .460 KV     *  WARNING WARNING  WARNING  *
3V16   ***DURING***      2.0      .367KV= 79.7% OF    .460 KV     *  WARNING WARNING  WARNING  *
3V16   ***AFTER****      2.0      .442KV= 96.0% OF    .460 KV     *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
3V18   ***PRIOR****      7.5      .445KV= 96.6% OF    .460 KV     *  WARNING WARNING  WARNING  *
3V18   ***DURING***      7.5      .360KV= 78.2% OF    .460 KV     *  WARNING WARNING  WARNING  *
3V18   ***AFTER****      7.5      .436KV= 94.8% OF    .460 KV     *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
3V19A  ***PRIOR****     15.0      .447KV= 97.2% OF    .460 KV     *  WARNING WARNING  WARNING  *
3V19A  ***DURING***     15.0      .363KV= 79.0% OF    .460 KV     *  WARNING WARNING  WARNING  *
3V19A  ***AFTER****     15.0      .439KV= 95.4% OF    .460 KV     *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
3V31B  ***PRIOR****      3.0      .447KV= 97.2% OF    .460 KV     *  WARNING WARNING  WARNING  *
3V31B  ***DURING***      3.0      .363KV= 79.0% OF    .460 KV     *  WARNING WARNING  WARNING  *
3V31B  ***AFTER****      3.0      .439KV= 95.4% OF    .460 KV     *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
3V32B  ***PRIOR****       .8      .450KV= 97.9% OF    .460 KV     *  WARNING WARNING  WARNING  *
3V32B  ***DURING***       .8      .367KV= 79.8% OF    .460 KV     *  WARNING WARNING  WARNING  *
3V32B  ***AFTER****       .8      .442KV= 96.1% OF    .460 KV     *  WARNING WARNING  WARNING  *
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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
3V4     ***PRIOR****      5.0     .446KV= 96.9% OF    .460 KV     *  WARNING WARNING  WARNING  *
3V4     ***DURING***      5.0     .361KV= 78.5% OF    .460 KV     *  WARNING WARNING  WARNING  *
3V4     ***AFTER****      5.0     .437KV= 95.1% OF    .460 KV     *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
3V6A    ***PRIOR****      7.5     .447KV= 97.2% OF    .460 KV     *  WARNING WARNING  WARNING  *
3V6A    ***DURING***      7.5     .363KV= 79.0% OF    .460 KV     *  WARNING WARNING  WARNING  *
3V6A    ***AFTER****      7.5     .439KV= 95.4% OF    .460 KV     *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
P51A    ***PRIOR****      1.0     .450KV= 97.7% OF    .460 KV     *  WARNING WARNING  WARNING  *
P51A    ***DURING***      1.0     .366KV= 79.6% OF    .460 KV     *  WARNING WARNING  WARNING  *
P51A    ***AFTER****      1.0     .441KV= 95.9% OF    .460 KV     *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
3X03    ***PRIOR****      7.0     .450KV= 97.7% OF    .460 KV     *  WARNING WARNING  WARNING  *
3X03    ***DURING***      7.0     .366KV= 79.6% OF    .460 KV     *  WARNING WARNING  WARNING  *
3X03    ***AFTER****      7.0     .441KV= 95.9% OF    .460 KV     *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
3NF20A/***PRIOR****       1.5     .450KV= 97.9% OF    .460 KV     *  WARNING WARNING  WARNING  *
3NF20A/***DURING***       1.5     .367KV= 79.8% OF    .460 KV     *  WARNING WARNING  WARNING  *
3NF20A/***AFTER****       1.5     .442KV= 96.1% OF    .460 KV     *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
3X02    ***PRIOR****      9.0     .450KV= 97.8% OF    .460 KV     *  WARNING WARNING  WARNING  *
3X02    ***DURING***      9.0     .366KV= 79.6% OF    .460 KV     *  WARNING WARNING  WARNING  *
3X02    ***AFTER****      9.0     .441KV= 95.9% OF    .460 KV     *  WARNING WARNING  WARNING  *
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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3V5	***PRIOR****	.5	.451KV= 98.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V5	***DURING***	.5	.367KV= 79.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V5	***AFTER****	.5	.442KV= 96.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3X01	***PRIOR****	170.0	.448KV= 97.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3X01	***DURING***	170.0	.364KV= 79.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3X01	***AFTER****	170.0	.440KV= 95.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3P90C	***PRIOR****	2.0	.449KV= 97.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P90C	***DURING***	2.0	.366KV= 79.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P90C	***AFTER****	2.0	.441KV= 95.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3P90B	***PRIOR****	2.0	.449KV= 97.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P90B	***DURING***	2.0	.366KV= 79.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P90B	***AFTER****	2.0	.441KV= 95.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3P90A	***PRIOR****	2.0	.449KV= 97.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P90A	***DURING***	2.0	.366KV= 79.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P90A	***AFTER****	2.0	.441KV= 95.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3XS75/7	***PRIOR****	20.0	.446KV= 96.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3XS75/7	***DURING***	20.0	.361KV= 78.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3XS75/7	***AFTER****	20.0	.437KV= 95.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B07	***PRIOR****	.442KV= 89.7% OF	.493KV	244.6	150.9	59.8	.3
3B07	***DURING***	.357KV= 72.4% OF	.493KV	244.6	150.9	38.9	.2
3B07	***AFTER****	.434KV= 87.9% OF	.493KV	244.6	150.9	57.5	.3

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
3P203A ***PRIOR****      15.0      .441KV= 95.9% OF    .460 KV      *  WARNING WARNING  WARNING  *
3P203A ***DURING***      15.0      .355KV= 77.3% OF    .460 KV      *  WARNING WARNING  WARNING  *
3P203A ***AFTER****      15.0      .432KV= 94.0% OF    .460 KV      *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
3V1C   ***PRIOR****     100.0      .437KV= 95.1% OF    .460 KV      *  WARNING WARNING  WARNING  *
3V1C   ***DURING***     100.0      .351KV= 76.3% OF    .460 KV      *  WARNING WARNING  WARNING  *
3V1C   ***AFTER****     100.0      .429KV= 93.2% OF    .460 KV      *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
3V30C  ***PRIOR****      30.0      .427KV= 92.8% OF    .460 KV      *  WARNING WARNING  WARNING  *
3V30C  ***DURING***      30.0      .338KV= 73.5% OF    .460 KV      *  WARNING WARNING  WARNING  *
3V30C  ***AFTER****      30.0      .418KV= 90.9% OF    .460 KV      *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
3V3C   ***PRIOR****      75.0      .435KV= 94.6% OF    .460 KV      *  WARNING WARNING  WARNING  *
3V3C   ***DURING***      75.0      .348KV= 75.7% OF    .460 KV      *  WARNING WARNING  WARNING  *
3V3C   ***AFTER****      75.0      .427KV= 92.7% OF    .460 KV      *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
P207A  ***PRIOR****       6.0      .439KV= 95.5% OF    .460 KV      *  WARNING WARNING  WARNING  *
P207A  ***DURING***       6.0      .353KV= 76.8% OF    .460 KV      *  WARNING WARNING  WARNING  *
P207A  ***AFTER****       6.0      .431KV= 93.6% OF    .460 KV      *  WARNING WARNING  WARNING  *
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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
T206	***PRIOR****	1.5	.440KV= 95.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*
T206	***DURING***	1.5	.355KV= 77.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*
T206	***AFTER****	1.5	.432KV= 93.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3V2B	***PRIOR****	60.0	.433KV= 94.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V2B	***DURING***	60.0	.346KV= 75.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V2B	***AFTER****	60.0	.425KV= 92.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3V65A	***PRIOR****	2.0	.439KV= 95.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V65A	***DURING***	2.0	.353KV= 76.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V65A	***AFTER****	2.0	.430KV= 93.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
P42A	***PRIOR****	7.5	.440KV= 95.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*
P42A	***DURING***	7.5	.355KV= 77.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*
P42A	***AFTER****	7.5	.432KV= 93.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B08V	***PRIOR****	.437KV= 88.6% OF	.493KV	319.3	196.4	1.7	.0
3B08V	***DURING***	.350KV= 71.0% OF	.493KV	319.3	196.4	1.1	.0
3B08V	***AFTER****	.428KV= 86.9% OF	.493KV	319.3	196.4	1.6	.0

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3V1D	***PRIOR****	100.0	.433KV= 94.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V1D	***DURING***	100.0	.345KV= 74.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V1D	***AFTER****	100.0	.424KV= 92.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3V30B	***PRIOR****	30.0	.422KV= 91.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V30B	***DURING***	30.0	.332KV= 72.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V30B	***AFTER****	30.0	.413KV= 89.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3V3B	***PRIOR****	75.0	.429KV= 93.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V3B	***DURING***	75.0	.341KV= 74.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V3B	***AFTER****	75.0	.421KV= 91.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
V11	***PRIOR****	10.0	.433KV= 94.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*
V11	***DURING***	10.0	.345KV= 75.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*
V11	***AFTER****	10.0	.424KV= 92.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
V29B	***PRIOR****	1.0	.436KV= 94.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*
V29B	***DURING***	1.0	.349KV= 75.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*
V29B	***AFTER****	1.0	.427KV= 92.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
E16C/17	***PRIOR****	34.0	.424KV= 92.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*
E16C/17	***DURING***	34.0	.334KV= 72.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*
E16C/17	***AFTER****	34.0	.416KV= 90.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
E16D	***PRIOR****	36.0	.433KV= 94.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*
E16D	***DURING***	36.0	.345KV= 75.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*
E16D	***AFTER****	36.0	.425KV= 92.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
P42B	***PRIOR****	3.0	.433KV= 94.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*
P42B	***DURING***	3.0	.345KV= 75.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*
P42B	***AFTER****	3.0	.424KV= 92.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
V77/E23	***PRIOR****	36.0	.431KV= 93.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*
V77/E23	***DURING***	36.0	.343KV= 74.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*
V77/E23	***AFTER****	36.0	.422KV= 91.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
NS74B	***PRIOR****	50.5	.429KV= 93.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*
NS74B	***DURING***	50.5	.340KV= 73.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*
NS74B	***AFTER****	50.5	.420KV= 91.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
S77B	***PRIOR****	3.4	.432KV= 93.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S77B	***DURING***	3.4	.343KV= 74.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S77B	***AFTER****	3.4	.423KV= 92.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
S78B	***PRIOR****	3.4	.432KV= 94.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S78B	***DURING***	3.4	.344KV= 74.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S78B	***AFTER****	3.4	.424KV= 92.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
S75B	***PRIOR****	5.0	.431KV= 93.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S75B	***DURING***	5.0	.342KV= 74.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S75B	***AFTER****	5.0	.422KV= 91.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B50	***PRIOR****	.440KV= 89.3% OF	.493KV	123.4	60.8	.0	.0
3B50	***DURING***	.354KV= 71.9% OF	.493KV	123.4	60.8	.0	.0
3B50	***AFTER****	.432KV= 87.6% OF	.493KV	123.4	60.8	.0	.0

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3P201C	***PRIOR****	150.0	.432KV= 93.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P201C	***DURING***	150.0	.344KV= 74.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P201C	***AFTER****	150.0	.423KV= 92.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AB2	***PRIOR****	3.928KV= 94.4% OF	4.160KV		5770.9	3261.1	.0	.0
3AB2	***DURING***	3.830KV= 92.1% OF	4.160KV		5770.9	3261.1	.0	.0
3AB2	***AFTER****	3.917KV= 94.2% OF	4.160KV		5770.9	3261.1	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B02	***PRIOR****	.457KV= 92.8% OF	.493KV		207.0	113.4	.0	.0
3B02	***DURING***	.445KV= 90.3% OF	.493KV		207.0	113.4	.0	.0
3B02	***AFTER****	.456KV= 92.5% OF	.493KV		207.0	113.4	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B04	***PRIOR****	.456KV= 92.4% OF	.493KV		323.7	171.8	.0	.0
3B04	***DURING***	.444KV= 90.0% OF	.493KV		323.7	171.8	.0	.0
3B04	***AFTER****	.454KV= 92.1% OF	.493KV		323.7	171.8	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B06	***PRIOR****	.453KV= 91.8% OF	.493KV		191.1	117.5	47.1	.1
3B06	***DURING***	.441KV= 89.4% OF	.493KV		191.1	117.5	44.7	.1
3B06	***AFTER****	.451KV= 91.6% OF	.493KV		191.1	117.5	46.8	.1

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3V30A	***PRIOR****	30.0	.442KV= 96.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V30A	***DURING***	30.0	.429KV= 93.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V30A	***AFTER****	30.0	.440KV= 95.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
B08N	***PRIOR****	.449KV= 91.1% OF	.493KV	117.9	72.4	21.1	12.4
B08N	***DURING***	.437KV= 88.6% OF	.493KV	117.9	72.4	20.0	11.7
B08N	***AFTER****	.448KV= 90.8% OF	.493KV	117.9	72.4	20.9	12.3

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B52	***PRIOR****	.455KV= 92.3% OF	.493KV	16.1	9.9	16.2	.0
3B52	***DURING***	.443KV= 89.9% OF	.493KV	16.1	9.9	15.3	.0
3B52	***AFTER****	.454KV= 92.1% OF	.493KV	16.1	9.9	16.1	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B53	***PRIOR****	.453KV= 91.9% OF	.493KV	14.6	9.0	26.2	.0
3B53	***DURING***	.371KV= 75.2% OF	.493KV	14.6	9.0	17.5	.0
3B53	***AFTER****	.445KV= 90.3% OF	.493KV	14.6	9.0	25.3	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B54	***PRIOR****	.456KV= 92.4% OF	.493KV	14.6	9.0	24.3	.0
3B54	***DURING***	.444KV= 90.0% OF	.493KV	14.6	9.0	23.1	.0
3B54	***AFTER****	.454KV= 92.1% OF	.493KV	14.6	9.0	24.2	.0

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NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
2BUS113	***PRIOR****	233.974KV=100.4% OF233.000KV	.0	.0	.0	.0
2BUS113	***DURING***	232.235KV= 99.7% OF233.000KV	.0	.0	.0	.0
2BUS113	***AFTER****	233.750KV=100.3% OF233.000KV	.0	.0	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AA1	***PRIOR****	4.014KV= 96.5% OF 4.160KV	4110.5	2562.7	.0	.0
3AA1	***DURING***	3.926KV= 94.4% OF 4.160KV	4110.5	2562.7	.0	.0
3AA1	***AFTER****	4.003KV= 96.2% OF 4.160KV	4110.5	2562.7	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AB1	***PRIOR****	4.029KV= 96.9% OF 4.160KV	4111.2	2564.9	.0	.0
3AB1	***DURING***	3.415KV= 82.1% OF 4.160KV	9312.1	27504.1	.0	.0
3AB1	***AFTER****	3.956KV= 95.1% OF 4.160KV	8986.7	5610.4	.0	.0

STARTING MOTOR NAME		HP		
3P200B	***PRIOR****	.0	.000KV= .0% OF 4.000 KV	* MOTOR NOT STARTED YET *
3P200B	***DURING***	6000.0	3.299KV= 82.5% OF 4.000 KV	
3P200B	***AFTER****	6000.0	3.938KV= 98.5% OF 4.000 KV	

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AA2	***PRIOR****	3.964KV= 95.3% OF 4.160KV	5770.8	3260.8	.0	.0
3AA2	***DURING***	3.875KV= 93.2% OF 4.160KV	5770.8	3260.8	.0	.0
3AA2	***AFTER****	3.953KV= 95.0% OF 4.160KV	5770.8	3260.8	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AD	***PRIOR****	3.962KV= 95.2% OF 4.160KV	626.8	409.1	.0	.0
3AD	***DURING***	3.873KV= 93.1% OF 4.160KV	626.8	409.1	.0	.0
3AD	***AFTER****	3.951KV= 95.0% OF 4.160KV	626.8	409.1	.0	.0

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NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B01	***PRIOR****	.454KV= 92.1% OF	.493KV		446.9	238.3	.0	.0
3B01	***DURING***	.443KV= 89.9% OF	.493KV		446.9	238.3	.0	.0
3B01	***AFTER****	.453KV= 91.9% OF	.493KV		446.9	238.3	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B03	***PRIOR****	.452KV= 91.7% OF	.493KV		82.6	51.3	198.6	1.4
3B03	***DURING***	.441KV= 89.5% OF	.493KV		82.6	51.3	189.1	1.4
3B03	***AFTER****	.451KV= 91.4% OF	.493KV		82.6	51.3	197.4	1.4

NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B05V	***PRIOR****	.454KV= 92.1% OF	.493KV		91.9	57.0	28.3	.0
3B05V	***DURING***	.443KV= 89.8% OF	.493KV		91.9	57.0	27.0	.0
3B05V	***AFTER****	.453KV= 91.8% OF	.493KV		91.9	57.0	28.2	.0

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP				
3V1A	***PRIOR****	100.0	.443KV= 96.2% OF	.460 KV	*	WARNING WARNING WARNING *
3V1A	***DURING***	100.0	.431KV= 93.8% OF	.460 KV	*	WARNING WARNING WARNING *
3V1A	***AFTER****	100.0	.441KV= 95.9% OF	.460 KV	*	WARNING WARNING WARNING *

NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B05N	***PRIOR****	.452KV= 91.7% OF	.493KV		215.5	135.0	13.3	.0
3B05N	***DURING***	.441KV= 89.5% OF	.493KV		215.5	135.0	12.7	.0
3B05N	***AFTER****	.451KV= 91.4% OF	.493KV		215.5	135.0	13.2	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B07	***PRIOR****	.443KV= 89.9% OF	.493KV		244.6	150.9	60.1	.3
3B07	***DURING***	.432KV= 87.6% OF	.493KV		244.6	150.9	57.1	.3
3B07	***AFTER****	.442KV= 89.6% OF	.493KV		244.6	150.9	59.7	.3

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3P203A	***PRIOR****	15.0	.442KV= 96.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P203A	***DURING***	15.0	.431KV= 93.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P203A	***AFTER****	15.0	.441KV= 95.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3V1C	***PRIOR****	100.0	.439KV= 95.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V1C	***DURING***	100.0	.427KV= 92.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V1C	***AFTER****	100.0	.437KV= 95.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3V30C	***PRIOR****	30.0	.428KV= 93.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V30C	***DURING***	30.0	.417KV= 90.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V30C	***AFTER****	30.0	.427KV= 92.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3V3C	***PRIOR****	75.0	.436KV= 94.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V3C	***DURING***	75.0	.425KV= 92.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V3C	***AFTER****	75.0	.435KV= 94.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
P207A	***PRIOR****	6.0	.440KV= 95.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*
P207A	***DURING***	6.0	.429KV= 93.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*
P207A	***AFTER****	6.0	.439KV= 95.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
T206	***PRIOR****	1.5	.442KV= 96.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*
T206	***DURING***	1.5	.430KV= 93.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*
T206	***AFTER****	1.5	.440KV= 95.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3V2B	***PRIOR****	60.0	.434KV= 94.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V2B	***DURING***	60.0	.423KV= 92.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V2B	***AFTER****	60.0	.433KV= 94.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3V65A	***PRIOR****	2.0	.440KV= 95.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V65A	***DURING***	2.0	.429KV= 93.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V65A	***AFTER****	2.0	.439KV= 95.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
P42A	***PRIOR****	7.5	.441KV= 96.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*
P42A	***DURING***	7.5	.430KV= 93.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*
P42A	***AFTER****	7.5	.440KV= 95.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B08V	***PRIOR****	.438KV= 88.9% OF	.493KV	319.3	196.4	1.7	.0
3B08V	***DURING***	.427KV= 86.5% OF	.493KV	319.3	196.4	1.6	.0
3B08V	***AFTER****	.437KV= 88.6% OF	.493KV	319.3	196.4	1.7	.0

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3V1D	***PRIOR****	100.0	.434KV= 94.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V1D	***DURING***	100.0	.422KV= 91.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V1D	***AFTER****	100.0	.432KV= 94.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
3V30B   ***PRIOR****     30.0     .424KV= 92.1% OF    .460 KV     *  WARNING WARNING  WARNING  *
3V30B   ***DURING***     30.0     .412KV= 89.5% OF    .460 KV     *  WARNING WARNING  WARNING  *
3V30B   ***AFTER****     30.0     .422KV= 91.8% OF    .460 KV     *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
3V3B    ***PRIOR****     75.0     .431KV= 93.6% OF    .460 KV     *  WARNING WARNING  WARNING  *
3V3B    ***DURING***     75.0     .419KV= 91.1% OF    .460 KV     *  WARNING WARNING  WARNING  *
3V3B    ***AFTER****     75.0     .429KV= 93.3% OF    .460 KV     *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
V11     ***PRIOR****     10.0     .434KV= 94.4% OF    .460 KV     *  WARNING WARNING  WARNING  *
V11     ***DURING***     10.0     .423KV= 91.9% OF    .460 KV     *  WARNING WARNING  WARNING  *
V11     ***AFTER****     10.0     .433KV= 94.1% OF    .460 KV     *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
V29B    ***PRIOR****      1.0     .437KV= 95.0% OF    .460 KV     *  WARNING WARNING  WARNING  *
V29B    ***DURING***      1.0     .426KV= 92.5% OF    .460 KV     *  WARNING WARNING  WARNING  *
V29B    ***AFTER****      1.0     .436KV= 94.7% OF    .460 KV     *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
E16C/17***PRIOR****      34.0     .426KV= 92.5% OF    .460 KV     *  WARNING WARNING  WARNING  *
E16C/17***DURING***      34.0     .414KV= 90.0% OF    .460 KV     *  WARNING WARNING  WARNING  *
E16C/17***AFTER****      34.0     .424KV= 92.2% OF    .460 KV     *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
E16D    ***PRIOR****     36.0     .435KV= 94.5% OF    .460 KV     *  WARNING WARNING  WARNING  *
E16D    ***DURING***     36.0     .423KV= 92.0% OF    .460 KV     *  WARNING WARNING  WARNING  *
E16D    ***AFTER****     36.0     .433KV= 94.2% OF    .460 KV     *  WARNING WARNING  WARNING  *
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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
P42B	***PRIOR****	3.0	.434KV= 94.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*
P42B	***DURING***	3.0	.423KV= 91.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*
P42B	***AFTER****	3.0	.433KV= 94.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
V77/E23	***PRIOR****	36.0	.432KV= 94.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*
V77/E23	***DURING***	36.0	.421KV= 91.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*
V77/E23	***AFTER****	36.0	.431KV= 93.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
NS74B	***PRIOR****	50.5	.430KV= 93.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*
NS74B	***DURING***	50.5	.418KV= 90.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*
NS74B	***AFTER****	50.5	.428KV= 93.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
S77B	***PRIOR****	3.4	.433KV= 94.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S77B	***DURING***	3.4	.421KV= 91.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S77B	***AFTER****	3.4	.431KV= 93.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
S78B	***PRIOR****	3.4	.434KV= 94.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S78B	***DURING***	3.4	.422KV= 91.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S78B	***AFTER****	3.4	.432KV= 93.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
S75B	***PRIOR****	5.0	.432KV= 93.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S75B	***DURING***	5.0	.421KV= 91.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S75B	***AFTER****	5.0	.431KV= 93.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3850	***PRIOR****	.442KV= 89.6% OF	.493KV	123.4	60.8	.0	.0
3850	***DURING***	.430KV= 87.3% OF	.493KV	123.4	60.8	.0	.0
3850	***AFTER****	.440KV= 89.3% OF	.493KV	123.4	60.8	.0	.0

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3P201C	***PRIOR****	150.0	.433KV= 94.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P201C	***DURING***	150.0	.422KV= 91.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P201C	***AFTER****	150.0	.432KV= 93.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AB2	***PRIOR****	3.990KV= 95.9% OF	4.160KV	5770.9	3261.1	.0	.0
3AB2	***DURING***	3.368KV= 81.0% OF	4.160KV	5770.9	3261.1	.0	.0
3AB2	***AFTER****	3.916KV= 94.1% OF	4.160KV	5770.9	3261.1	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B02	***PRIOR****	.465KV= 94.3% OF	.493KV	207.0	113.4	.0	.0
3B02	***DURING***	.389KV= 79.0% OF	.493KV	207.0	113.4	.0	.0
3B02	***AFTER****	.456KV= 92.5% OF	.493KV	207.0	113.4	.0	.0

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3P201B	***PRIOR****	150.0	.452KV= 98.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P201B	***DURING***	150.0	.374KV= 81.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P201B	***AFTER****	150.0	.443KV= 96.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3V1B	***PRIOR****	100.0	.452KV= 98.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V1B	***DURING***	100.0	.375KV= 81.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V1B	***AFTER****	100.0	.443KV= 96.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B04	***PRIOR****	.463KV= 93.9% OF	.493KV	323.7	171.8	.0	.0
3B04	***DURING***	.388KV= 78.6% OF	.493KV	323.7	171.8	.0	.0
3B04	***AFTER****	.454KV= 92.1% OF	.493KV	323.7	171.8	.0	.0

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NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B06	***PRIOR****	.460KV= 93.3% OF	.493KV		191.1	117.5	48.7	.1
3B06	***DURING***	.384KV= 77.9% OF	.493KV		191.1	117.5	33.9	.1
3B06	***AFTER****	.451KV= 91.5% OF	.493KV		191.1	117.5	46.8	.1
CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR								
		HP						
3V30A	***PRIOR****	30.0	.449KV= 97.7% OF	.460 KV	*	WARNING	WARNING	WARNING *
3V30A	***DURING***	30.0	.371KV= 80.7% OF	.460 KV	*	WARNING	WARNING	WARNING *
3V30A	***AFTER****	30.0	.440KV= 95.7% OF	.460 KV	*	WARNING	WARNING	WARNING *
CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR								
		HP						
3V3A	***PRIOR****	75.0	.454KV= 98.8% OF	.460 KV	*	WARNING	WARNING	WARNING *
3V3A	***DURING***	75.0	.377KV= 82.0% OF	.460 KV	*	WARNING	WARNING	WARNING *
3V3A	***AFTER****	75.0	.445KV= 96.8% OF	.460 KV	*	WARNING	WARNING	WARNING *
CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR								
		HP						
E16A/17	***PRIOR****	34.0	.452KV= 98.3% OF	.460 KV	*	WARNING	WARNING	WARNING *
E16A/17	***DURING***	34.0	.374KV= 81.4% OF	.460 KV	*	WARNING	WARNING	WARNING *
E16A/17	***AFTER****	34.0	.443KV= 96.3% OF	.460 KV	*	WARNING	WARNING	WARNING *

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
B08N	***PRIOR****	.457KV= 92.6% OF	.493KV	117.9	72.4	21.8	12.8
B08N	***DURING***	.380KV= 77.1% OF	.493KV	117.9	72.4	15.1	8.9
B08N	***AFTER****	.448KV= 90.8% OF	.493KV	117.9	72.4	20.9	12.3

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B52	***PRIOR****	.463KV= 93.9% OF	.493KV	16.1	9.9	16.7	.0
3B52	***DURING***	.387KV= 78.5% OF	.493KV	16.1	9.9	11.7	.0
3B52	***AFTER****	.454KV= 92.0% OF	.493KV	16.1	9.9	16.1	.0

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NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B53	***PRIOR****	.454KV=	92.2% OF	.493KV	14.6	9.0	26.4	.0
3B53	***DURING***	.444KV=	90.0% OF	.493KV	14.6	9.0	25.1	.0
3B53	***AFTER****	.453KV=	91.9% OF	.493KV	14.6	9.0	26.2	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B54	***PRIOR****	.463KV=	93.9% OF	.493KV	14.6	9.0	25.1	.0
3B54	***DURING***	.388KV=	78.6% OF	.493KV	14.6	9.0	17.6	.0
3B54	***AFTER****	.454KV=	92.1% OF	.493KV	14.6	9.0	24.2	.0

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NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
2BUS113	***PRIOR****	233.823KV=100.4% OF233.000KV	.0	.0	.0	.0
2BUS113	***DURING***	233.676KV=100.3% OF233.000KV	.0	.0	.0	.0
2BUS113	***AFTER****	233.805KV=100.3% OF233.000KV	.0	.0	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AA1	***PRIOR****	4.013KV= 96.5% OF 4.160KV	4110.5	2562.7	.0	.0
3AA1	***DURING***	3.983KV= 95.8% OF 4.160KV	4110.5	2562.7	.0	.0
3AA1	***AFTER****	4.009KV= 96.4% OF 4.160KV	4110.5	2562.7	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AB1	***PRIOR****	3.973KV= 95.5% OF 4.160KV	8222.3	5129.7	.0	.0
3AB1	***DURING***	3.944KV= 94.8% OF 4.160KV	8222.3	5129.7	.0	.0
3AB1	***AFTER****	3.970KV= 95.4% OF 4.160KV	8222.3	5129.7	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AA2	***PRIOR****	3.967KV= 95.4% OF 4.160KV	5770.8	3260.8	.0	.0
3AA2	***DURING***	3.924KV= 94.3% OF 4.160KV	5770.8	3260.8	.0	.0
3AA2	***AFTER****	3.962KV= 95.2% OF 4.160KV	5770.8	3260.8	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AD	***PRIOR****	3.964KV= 95.3% OF 4.160KV	626.8	409.1	.0	.0
3AD	***DURING***	3.922KV= 94.3% OF 4.160KV	626.8	409.1	.0	.0
3AD	***AFTER****	3.960KV= 95.2% OF 4.160KV	626.8	409.1	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B01	***PRIOR****	.460KV= 93.3% OF .493KV	247.0	138.7	.0	.0
3B01	***DURING***	.420KV= 85.2% OF .493KV	437.4	1207.9	.0	.0
3B01	***AFTER****	.456KV= 92.5% OF .493KV	446.9	238.3	.0	.0

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STARTING MOTOR NAME		HP				
3P214A	***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *	
3P214A	***DURING***	250.0	.379KV= 82.4% OF	.460 KV		
3P214A	***AFTER****	250.0	.450KV= 97.8% OF	.460 KV		

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B03	***PRIOR****	.457KV= 92.6% OF	.493KV	82.6	51.3	202.5	1.5
3B03	***DURING***	.451KV= 91.5% OF	.493KV	82.6	51.3	197.9	1.4
3B03	***AFTER****	.456KV= 92.5% OF	.493KV	82.6	51.3	202.0	1.5

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B05V	***PRIOR****	.460KV= 93.3% OF	.493KV	8.8	5.4	29.1	.0
3B05V	***DURING***	.420KV= 85.3% OF	.493KV	8.8	5.4	24.3	.0
3B05V	***AFTER****	.456KV= 92.5% OF	.493KV	8.8	5.4	28.6	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B05N	***PRIOR****	.458KV= 92.9% OF	.493KV	215.5	135.0	13.6	.0
3B05N	***DURING***	.418KV= 84.7% OF	.493KV	215.5	135.0	11.4	.0
3B05N	***AFTER****	.454KV= 92.0% OF	.493KV	215.5	135.0	13.4	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B07	***PRIOR****	.450KV= 91.3% OF	.493KV	162.8	100.1	62.0	.3
3B07	***DURING***	.445KV= 90.3% OF	.493KV	162.8	100.1	60.6	.3
3B07	***AFTER****	.450KV= 91.2% OF	.493KV	162.8	100.1	61.9	.3

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3V30C	***PRIOR****	30.0	.436KV= 94.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V30C	***DURING***	30.0	.430KV= 93.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V30C	***AFTER****	30.0	.435KV= 94.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3V2B	***PRIOR****	60.0	.442KV= 96.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V2B	***DURING***	60.0	.436KV= 94.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V2B	***AFTER****	60.0	.441KV= 95.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B08V	***PRIOR****	.446KV= 90.4% OF	.493KV	237.5	145.7	1.7	.0
3B08V	***DURING***	.440KV= 89.3% OF	.493KV	237.5	145.7	1.7	.0
3B08V	***AFTER****	.445KV= 90.2% OF	.493KV	237.5	145.7	1.7	.0

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3V30B	***PRIOR****	30.0	.431KV= 93.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V30B	***DURING***	30.0	.426KV= 92.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V30B	***AFTER****	30.0	.431KV= 93.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3V3B	***PRIOR****	75.0	.438KV= 95.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V3B	***DURING***	75.0	.433KV= 94.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3V3B	***AFTER****	75.0	.438KV= 95.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
V11	***PRIOR****	10.0	.442KV= 96.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*
V11	***DURING***	10.0	.436KV= 94.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*
V11	***AFTER****	10.0	.441KV= 95.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
E16C/17***PRIOR****      34.0      .433KV= 94.2% OF    .460 KV      *  WARNING WARNING  WARNING  *
E16C/17***DURING***      34.0      .428KV= 93.0% OF    .460 KV      *  WARNING WARNING  WARNING  *
E16C/17***AFTER****      34.0      .433KV= 94.1% OF    .460 KV      *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
E16D     ***PRIOR****    36.0      .442KV= 96.1% OF    .460 KV      *  WARNING WARNING  WARNING  *
E16D     ***DURING***    36.0      .437KV= 94.9% OF    .460 KV      *  WARNING WARNING  WARNING  *
E16D     ***AFTER****    36.0      .441KV= 96.0% OF    .460 KV      *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
P42B     ***PRIOR****     3.0      .442KV= 96.1% OF    .460 KV      *  WARNING WARNING  WARNING  *
P42B     ***DURING***     3.0      .436KV= 94.9% OF    .460 KV      *  WARNING WARNING  WARNING  *
P42B     ***AFTER****     3.0      .441KV= 95.9% OF    .460 KV      *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
V77/E23***PRIOR****      36.0      .440KV= 95.6% OF    .460 KV      *  WARNING WARNING  WARNING  *
V77/E23***DURING***      36.0      .435KV= 94.5% OF    .460 KV      *  WARNING WARNING  WARNING  *
V77/E23***AFTER****      36.0      .439KV= 95.5% OF    .460 KV      *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
NS74B    ***PRIOR****    50.5      .438KV= 95.1% OF    .460 KV      *  WARNING WARNING  WARNING  *
NS74B    ***DURING***    50.5      .432KV= 93.9% OF    .460 KV      *  WARNING WARNING  WARNING  *
NS74B    ***AFTER****    50.5      .437KV= 95.0% OF    .460 KV      *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
S77B     ***PRIOR****     3.4      .440KV= 95.8% OF    .460 KV      *  WARNING WARNING  WARNING  *
S77B     ***DURING***     3.4      .435KV= 94.6% OF    .460 KV      *  WARNING WARNING  WARNING  *
S77B     ***AFTER****     3.4      .440KV= 95.6% OF    .460 KV      *  WARNING WARNING  WARNING  *
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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
S78B	***PRIOR****	3.4	.441KV= 95.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S78B	***DURING***	3.4	.436KV= 94.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S78B	***AFTER****	3.4	.440KV= 95.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
S75B	***PRIOR****	5.0	.440KV= 95.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S75B	***DURING***	5.0	.434KV= 94.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S75B	***AFTER****	5.0	.439KV= 95.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B50	***PRIOR****	.448KV= 90.9% OF	.493KV	123.4	60.8	.0	.0
3B50	***DURING***	.443KV= 89.8% OF	.493KV	123.4	60.8	.0	.0
3B50	***AFTER****	.448KV= 90.8% OF	.493KV	123.4	60.8	.0	.0

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
3P201C	***PRIOR****	150.0	.440KV= 95.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P201C	***DURING***	150.0	.434KV= 94.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*
3P201C	***AFTER****	150.0	.439KV= 95.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3AB2	***PRIOR****	3.935KV= 94.6% OF	4.160KV	5770.9	3261.1	.0	.0
3AB2	***DURING***	3.894KV= 93.6% OF	4.160KV	5770.9	3261.1	.0	.0
3AB2	***AFTER****	3.931KV= 94.5% OF	4.160KV	5770.9	3261.1	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B02	***PRIOR****	.460KV= 93.3% OF	.493KV	123.7	61.6	.0	.0
3B02	***DURING***	.455KV= 92.3% OF	.493KV	123.7	61.6	.0	.0
3B02	***AFTER****	.460KV= 93.2% OF	.493KV	123.7	61.6	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B04	***PRIOR****	.460KV= 93.3% OF	.493KV	123.5	77.5	.0	.0
3B04	***DURING***	.421KV= 85.3% OF	.493KV	313.1	1118.1	.0	.0
3B04	***AFTER****	.456KV= 92.5% OF	.493KV	323.7	171.8	.0	.0

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STARTING MOTOR NAME		HP				
3P214B	***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *	
3P214B	***DURING***	250.0	.373KV= 81.1% OF	.460 KV	* WARNING WARNING WARNING *	
3P214B	***AFTER****	250.0	.449KV= 97.6% OF	.460 KV		

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B06	***PRIOR****	.455KV= 92.4% OF	.493KV	191.1	117.5	47.7	.1
3B06	***DURING***	.450KV= 91.3% OF	.493KV	191.1	117.5	46.6	.1
3B06	***AFTER****	.455KV= 92.3% OF	.493KV	191.1	117.5	47.6	.1

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
B08N	***PRIOR****	.453KV= 92.0% OF	.493KV	117.9	72.4	21.5	12.6
B08N	***DURING***	.413KV= 83.9% OF	.493KV	117.9	72.4	17.9	10.5
B08N	***AFTER****	.449KV= 91.1% OF	.493KV	117.9	72.4	21.1	12.4

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B52	***PRIOR****	.460KV= 93.2% OF	.493KV	16.1	9.9	16.5	.0
3B52	***DURING***	.420KV= 85.2% OF	.493KV	16.1	9.9	13.8	.0
3B52	***AFTER****	.456KV= 92.4% OF	.493KV	16.1	9.9	16.2	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B53	***PRIOR****	.460KV= 93.3% OF	.493KV	14.6	9.0	27.0	.0
3B53	***DURING***	.420KV= 85.2% OF	.493KV	14.6	9.0	22.5	.0
3B53	***AFTER****	.456KV= 92.5% OF	.493KV	14.6	9.0	26.5	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
3B54	***PRIOR****	.460KV= 93.3% OF	.493KV	14.6	9.0	24.8	.0
3B54	***DURING***	.420KV= 85.3% OF	.493KV	14.6	9.0	20.7	.0
3B54	***AFTER****	.456KV= 92.5% OF	.493KV	14.6	9.0	24.4	.0

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**********END OF JOB**********

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DATA VERIFICATION

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  FILE:  \AUXSYS\U4APP12.DAT
  STEADY STATE SET @ 96% AND STARTING @ 82% FOR SAFETY BUSES
  STEADY STATE SET @ 90% AND STARTING @ 80% FOR NON-SAFETY BUSES
  EBASCO SERVICES INC.
  TURKEY POINT UNIT NO. 4. ELECTRICAL AUXILIARY SYSTEM DESIGN
  AUX SYS FED THRU THE S/U TRF. PSB-1.
  BUS 4AB2 ALIGNED TO 4AD, BUS 4B50 ALIGNED TO 4B03
  SEQUENCED LOADING FOR CALCULATION EC-145, REV. 4
  (3/08/91)
*A 1-11   1  1    40.00   6.0   6.0 0.85 0.85 0.92 0.92 0.20 0.20
1   4AA1    350.0  4.76 80.00 42.45  4.16  1.10  3.00
1   4AA2    350.0  4.76 80.00 42.45  4.16  1.10  3.00
1   4AD     250.0  4.76 80.00 30.3   4.16  1.10  3.00
2   4B01     30.0  0.48  0.00
2   4B03     30.0  0.48  0.00
3   4B05V    25.0  0.48  0.00
3   4B05N    25.0  0.48  0.00
3   4B07     25.0  0.48  0.00
3   4B08     25.0  0.48  0.00
2   4B50     30.0  0.48  0.00
1   4AB1    350.0  4.76 80.00 42.45  4.16  1.10  3.00
1   4AB2    350.0  4.76 80.00 42.45  4.16  1.10  3.00
2   4B02     30.0  0.48  0.00
2   4B04     30.0  0.48  0.00
3   4B06     25.0  0.48  0.00
3   4B52     25.0  0.48  0.00
3   4B51     25.0  0.48  0.00
3   4B53     25.0  0.48  0.00
3   4B54     25.0  0.48  0.00
9
  4AA1     96.0  82.0  30
1 4P1A    7000.0  4.0 6.49    0.0   1.0  0.90 0.959                1 .0028 .0062
6 4P1A      11111111211
7 7000.0
1 4P200A  6000.0  4.0 6.32    0.0   2.0         0.0               1 .0038 .0111
6 4P200A  1 00000000000   5061.0 5061.0 5061.0 5061.0 5061.0 5061.0 5061. 5061.0
7 5061.0 5061.0 5061.0
  4AA2     96.0  82.0  30
1 4P11A    400.0  4.0 5.09    0.0   2.0  0.85 0.938                1 .0291 .0256
6 4P11A     00000000000
7
1 4P210A   300.0  4.0 6.22    0.0   2.0  0.89 0.934                1 .0260 .0228
6 4P210A    12000000000
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1 4P211A   450.0  4.0 4.74    0.0   2.0         0.0               1 .0291 .0256
6 4P211A    00000000000
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1 4P215A   350.0  4.0 6.4     0.0   1.0  0.88  0.94               1 .0308 .0271
6 4P215A    1200000000
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12345678901234567890123456789012345678901234567890123456789012345678901234567890
7
1 4P3A     800.0  4.0 5.94    0.0   2.0  0.89 0.944                1 .0281 .0247
6 4P3A      00000000000   700.00 700.00 700.00 700.00 700.00 700.00 700.0 700.00
7 700.00 700.00 700.00
1 4P6A    2250.0  4.0 7.06    0.0   2.0  0.90 0.958                1 .0031 .0040
6 4P6A      00000000000   2210.0 2210.0 2210.0 2210.0 2210.0 2210.0 2210. 2210.0
7 2210.0 2210.0 2210.0
1 4P7A    1250.0  4.0 4.57    0.0   2.0         0.0                1 .0286 .0374
6 4P7A      00000000000
7
1 4P7C    1250.0  4.0 4.57    0.0   2.0         0.0                1 .0279 .0364
6 4P7C      00000000000
7
1 4P9A     325.0  4.0 5.8     0.0   2.0  0.82 0.928                1 .0453 .0398
6 4P9A      00000000000
7
2 DG4A      3.75 4.16 1.000       .077  .145  .693  30.00       0   .0111 .0369
6 DG4A    1 11111111111
7
  4AD      96.0  82.0  30
1 4P211C   450.0  4.0 4.74    0.0   2.0         0.0                1 .0444 .0390
6 4P211C    00000000000
7
1 4P9C     325.0  4.0 5.8     0.0   2.0  0.82 0.928  0.00          1 .0363 .0319
6 4P9C      00000000000
7
  4B01     96.0  82.0  30
1 4P201A   150.0 .460 5.800   0.0   2.0  0.90  .925                1 .0206 .0223
6 4P201A    00000000000
7
1 4P214A   250.0 .460 6.540   0.0   1.0  0.91  0.94 0.15           1 .0067 .0148
6 4P214A    11200000002
7
1 4S6A     150.0 .460 6.05    0.0   2.0         0.0                1 .0134 .0146
6 4S6A      00000000000
7
4 PH4B12   150.0 .480 1.000   0.0   0.0         0.0                  .0070 .0101
6 PH4B12    11111111111
7
  4B53     90.0  80.0  30
1 HVACHP   18.0  .460 1.000   0.0   2.0         0.0                1
6 HVACHP    00000000000
7
4 HVACKW   27.0  .480 1.000   0.0   0.0         0.0                1
6 HVACKW    00000000000
7
  4B03     96.0  82.0  30
1 4K10     100.0 .460         0.0   2.0         0.0                1 .0217 .0148
6 4K10    1 11111111111
7
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         1         2         3         4         5         6         7         8
12345678901234567890123456789012345678901234567890123456789012345678901234567890
1 4P212    100.0 .460          0.0   2.0         0.0                1 .0449 .0306
6 4P212     00000000000
7
1 4P32     200.0 .460          0.0   2.0         0.0                1 .0111 .0225
6 4P32    1 11111111111
7
4 PH4X09   300.0 .480 1.000    0.0   0.0         0.0                  .0048 .0069
6 PH4X09    00000000000
7
  4B05V    96.0  82.0  30
1 4P31      40.0 .460          0.0   2.0         0.0                1 .0507 .0122
6 4P31    1 11111111111
7
1 4P36      25.0 .460          0.0   2.0         0.0                1 .0550 .0060
6 4P36    1 11111111111
7
1 4P37      8.0  .460          0.0   2.0         0.0                1 .2303 .0050
6 4P37    1 11111111111
7
1 4P40      20.0 .460          0.0   2.0         0.0                1 .3342 .0106
6 4P40    1 11111111111
7
1 4T0B      50.0 .460          0.0   2.0         0.0                1 .0154 .0058
6 4T0B    1 11111111111
7
1 4V1C     100.0 .460 7.75     0.0   2.0         0.0                1 .0347 .0236
6 4V1C      00000000001
7
1 4V30B     30.0 .460 5.39     0.0   2.0         0.0                1 .2817 .0343
6 4V30B     11200000000
7
1 4V3B      75.0 .460 6.06     0.0   2.0         0.0                1 .0328 .0223
6 4V3B      11111200000
7
1 4C1       75.0 .460          0.0   2.0         0.0                1 .0200 .0136
6 4C1     1 11111111111
7
4 STATICL   01.0 .480 1.000    0.0   0.0         0.0
6 STATICL   00000000000
7
1 MOV1420    5.2 .460   5.66        2.0  0.85   .54 0.6            1 .7312 .0159
6 MOV1420   20000111111
7
1 MOV1400    .33 .460   7.33        2.0  0.85   .48 0.6            1 .6663 .0145
6 MOV1400   20000111111
7
1 MOV1427    .25 .460   4.91        2.0  0.85   .50 0.6            1 1.290 .0280
6 MOV1427   20000111111
7
  4B05N    90.0  80.0    30
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         1         2         3         4         5         6         7         8
12345678901234567890123456789012345678901234567890123456789012345678901234567890
1 4C19       0.5 .460          0.0   2.0         0.0                1 .2638 .0057
6 4C19     1 11111111111
7
1 4P15       3.0 .460          0.0   2.0         0.0                1 .4874 .0106
6 4P15     1 11111111111
7
1 4P19A      0.5 .460          0.0   2.0         0.0                1 .4338 .0094
6 4P19A    1 11111111111
7
1 4P19B      0.5 .460          0.0   2.0         0.0                1 .4561 .0099
6 4P19B    1 11111111111
7
1 4P232B    10.0 .460          0.0   2.0         0.0                1 1.163 .0253
6 4P232B   1 11111111111
7
1 4P28A      3.0 .460          0.0   2.0         0.0                1 .2974 .0065
6 4P28A    1 11111111111
7
1 4P34A     0.75 .460          0.0   2.0         0.0                1 .6865 .0149
6 4P34A    1 11111111111
7
1 4P4       10.0 .460          0.0   2.0         0.0                1 .4942 .0107
6 4P4      1 11111111111
7
1 4P43       5.0 .460          0.0   2.0         0.0                1 1.073 .0233
6 4P43     1 11111111111
7
1 4P49      0.75 .460          0.0   2.0         0.0                1 .3287 .0071
6 4P49     1 11111111111
7
1 4P5       40.0 .460          0.0   2.0         0.0                1 .1010 .0242
6 4P5      1 11111111111
7
1 4T9       25.0 .460          0.0   2.0         0.0                1 .1575 .0173
6 4T9      1 11111111111
7
1 4V14A      7.5 .460          0.0   2.0         0.0                1 .7558 .0164
6 4V14A     00000000000
7
1 4V5        0.5 .460          0.0   2.0         0.0                1 .1520 .0033
6 4V5       00000000000
7
1 4V16       2.0 .460          0.0   2.0         0.0                1 .3041 .0066
6 4V16      00000000000
7
1 4V18       7.5 .460          0.0   2.0         0.0                1 .4427 .0096
6 4V18      00000000000
7
1 4V19A     15.0 .460          0.0   2.0         0.0                1 .1165 .0037
6 4V19A     00000000000
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         1         2         3         4         5         6         7         8
12345678901234567890123456789012345678901234567890123456789012345678901234567890
7
1 4V31B      3.0 .460          0.0   2.0         0.0                1 .7222 .0157
6 4V31B     00000000000
7
1 4V32B     0.75 .460          0.0   2.0         0.0                1 1.096 .0238
6 4V32B     00000000000
7
1 4V4        5.0 .460          0.0   2.0         0.0                1 .4986 .0108
6 4V4       00000000000
7
1 4V6A       7.5 .460          0.0   2.0         0.0                1 .3197 .0069
6 4V6A      00000000000
7
1 4F20A/B    1.5 .460          0.0   2.0         0.0                1 .3342 .0106
6 4F20A/B   00000000000
7
1 4P90A      2.0 .460          0.0   2.0         0.0                1 .6809 .0217
6 4P90A     00000000000
7
1 4P90B      2.0 .460          0.0   2.0         0.0                1 .6809 .0217
6 4P90B     00000000000
7
1 4P90C      2.0 .460          0.0   2.0         0.0                1 .6809 .0217
6 4P90C     00000000000
7
4 D10        3.0 .480 1.000    0.0   0.0         0.0                1 .9190 .1007
6 D10       00000000000
7
1 4XS75/76  20.0 .460          0.0   2.0 0.81    0.0                1 .1816 .0199
6 4XS75/76  00000000000
7
4 STATICL  260.0 .480 1.000    0.0   0.0         0.0
6 STATICL   00000000000
7
  4B07     96.0  82.0    30
1 E16F      36.0 .460          0.0   2.0         0.0                1 .0563 .0118
6 E16F      00000000000
7
1 4P203A    15.0 .460          0.0   2.0         0.0                1 .0776 .0141
6 4P203A    00000000000
7
1 4V1A     100.0 .460 7.75     0.0   2.0         0.0                1 .0135 .0092
6 4V1A      00000000001
7
1 P207B      6.0 .460          0.0   2.0         0.0                1 .3712 .0081
6 P207B     11111111111
7
1 4V2A      60.0 .460          0.0   2.0         0.0                1 .0476 .0207
6 4V2A      00000000000
7
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         1         2         3         4         5         6         7         8
12345678901234567890123456789012345678901234567890123456789012345678901234567890
4 4D25       1.0 .480 1.000   0.0   0.0        0.0                   .0481 .0115
6 4D25      00000000000
7
4 STATICL    1.0 .480 1.000   0.0   0.0          0
6 STATICL   00000000000
7
1 MOV1426   0.25 .460   4.91        2.0  0.85   .5  0.6          1 .4248 .0092
6 MOV1426   20000111111
7
1 MOV6386   0.13 .460   7.11        2.0  0.85   .32 0.6          1 .7582 .0241
6 MOV6386   20000111111
7
1 MOV1401   0.33 .460   7.33        2.0  0.85   .48 0.6          1 1.478 .0321
6 MOV1401   20000111111
7
1 MOV880A    2.0 .460   3.71        2.0  0.85   .63 0.6          1 .2996 .0065
6 MOV880A   20000111111
7
1 MOV716A    1.3 .460   3.75        2.0  0.85   .6  0.6          1 .3242 .0070
6 MOV716A   20000111111
7
1 MOV744A   10.3 .460   7.22        2.0  0.85   .8  0.6          1 .4764 .0213
6 MOV744A   20000111111
7
1 MOV843A   1.58 .460   7.43        2.0  0.85   .5  0.6          1 .5344 .0116
6 MOV843A   20000111111
7
  4B08     96.0  82.0    30
1 4V1B     100.0 .460 7.75    0.0   2.0        0.0                1 .0122 .0083
6 4V1B      00000000001
7
1 4V30A     30.0 .460 5.39    0.0   2.0        0.0                1 .0625 .0100
6 4V30A     11120000000
7
1 4V3A      75.0 .460 6.06    0.0   2.0        0.0                1 .0195 .0133
6 4V3A      11111120000
7
1 S77A       5.0 .460         0.0   2.0        0.0                1 .2780 .0089
6 S77A      00000000000   3.4    3.4    3.4    3.4    3.4    3.4    3.4   3.4
7 3.4    3.4    3.4
1 S78A       5.0 .460         0.0   2.0        0.0                1 .2696 .0086
6 S78A      00000000000   3.4    3.4    3.4    3.4    3.4    3.4    3.4   3.4
7 3.4    3.4    3.4
1 S75A       5.0 .460         0.0   2.0        0.0                1 .3370 .0107
6 S75A      00000000000
7
1 NS74A     60.0 .460         0.0   2.0        0.0                1 .0285 .0130
6 NS74A     00000000000   50.5   50.5   50.5   50.5   50.5   50.5   50.5  50.5
7 50.5   50.5   50.5
1 E16B/17   34.0 .460         0.0   2.0        0.0                1 .1985 .0204
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         1         2         3         4         5         6         7         8
12345678901234567890123456789012345678901234567890123456789012345678901234567890
6 E16B/17   00000000000
7
1 V8A       40.0 .460         0.0   2.0         0.0                 1 .0343 .0082
6 V8A       00000000000
7
1 V10       10.0 .460         0.0   2.0         0.0                 1 .5948 .0129
6 V10       00000000000
7
1 V29A       1.0 .460         0.0   2.0         0.0                 1 .3061 .0097
6 V29A      20000000000
7
1 V76/232   36.0 .460         0.0   2.0         0.0                 1 .0888 .0075
6 V76/232   00000000000
7
4 3D25A     18.7 .480 1.000                                           .0166 .0040
6 3D25A     00000000000
4 3D02A     25.0 .480 1.000                                           .0075 .0034
6 3D02A     00000000000
4 STATICL    1.0 .480 1.000   0.0   0.0         0.0
6 STATICL   00000000000
7
1 MOV1404   0.33 .460   3.60        2.0  0.85   .29 0.6             1 .3608 .0115
6 MOV1404   20000111111
7
1 MOV1417   1.5  .460   5.71        2.0  0.85   .5  0.6             1 .3678 .0117
6 MOV1417   20000111111
7
1 MOV6552A  0.13 .460   7.11        2.0  0.85   .32 0.6             1 .3819 .0122
6 MOV6552A  20000111111
7
1 MOV6543A  0.13 .460   7.11        2.0  0.85   .32 0.6             1 .3356 .0107
6 MOV6543A  20000111111
7
  4B50     96.0  82.0    30
1 4P201C   150.0 .460 5.800   0.0   2.0  0.90   0.0                 1 .0136 .0147
6 4P201C    00000000000
7
  4B51     96.0  82.0    30
1 4P244A     1.0 .460         0.0   2.0         0.0                 1 .1081 .0034
6 4P244A    20000000000
7
1 4V63A      2.0 .460         0.0   2.0         0.0                 1 .0590 .0019
6 4V63A     20000000000
7
1 4V70A      0.5 .460         0.0   2.0         0.0                 1 .1123 .0036
6 4V70A     00000000000
7
1 4V65A      2.0 .460         0.0   2.0         0.0                 1 .0744 .0024
6 4V65A     00000000000
7
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         1         2         3         4         5         6         7         8
12345678901234567890123456789012345678901234567890123456789012345678901234567890
1 4V67A     40.0 .460         0.0   2.0         0.0                1 .0092 .0042
6 4V67A     20000000000
7
1 4V64A      3.0 .460         0.0   2.0         0.0                1 .0323 .0010
6 4V64A     00000000000
7
1 4P241A     1.0 .460         0.0   2.0         0.0                1 .2190 .0070
6 4P241A    20000000000
7
1 4S226A    15.0 .460         0.0   2.0         0.0                1 .0748 .0082
6 4S226A    20000000000
7
1 4V68A     40.0 .460         0.0   2.0         0.0                1 .0103 .0047
6 4V68A     20000000000
7
1 4P245A    0.75 .460         0.0   2.0         0.0                1 .1081 .0034
6 4P245A    20000000000
7
1 4V69A     40.0 .460         0.0   2.0         0.0                1 .0116 .0053
6 4V69A     20000000000
7
1 4S231A     9.5 .460         0.0   2.0         0.0                1 .0777 .0040
6 4S231A    00000000000
7
1 4S230      7.0 .460         0.0   2.0         0.0                1 .1236 .0039
6 4S230     00000000000
7
4 STATICL    1.0 .480 1.000   0.0   0.0         0.0
6 STATICL   00000000000
7
  4AB1     96.0  82.0    30
1 4P200B  6000.0  4.0 6.32    0.0   2.0         0.0                1 .0032 .0097
6 4P200B    00000000020   5061.0 5061.0 5061.0 5061.0 5061.0 5061.0 5061. 5061.0
7 5061.0 6000.0 5061.0
1 4P200C  6000.0  4.0 6.32    0.0   2.0         0.0                1 .0050 .0135
6 4P200C  1 00000000000   5061.0 5061.0 5061.0 5061.0 5061.0 5061.0 5061. 5061.0
7 5061.0 5061.0 5061.0
  4AB2     96.0  82.0    30
1 4P11B    400.0  4.0 5.09    0.0   2.0  0.85 0.938  0.00  0.00   1 .0249 .0219
6 4P11B     00000000000
7
1 4P210B   300.0  4.0 6.22    0.0   2.0  0.89 0.934               1 .0264 .0232
6 4P210B    12000000000
7
1 4P211B   450.0  4.0 4.74    0.0   2.0         0.0                1 .0297 .0261
6 4P211B    00000000000
7
1 4P215B   350.0  4.0 6.4     0.0   1.0  0.88  0.94               1 .0322 .0284
6 4P215B    12000000000
7
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```
         1         2         3         4         5         6         7         8
12345678901234567890123456789012345678901234567890123456789012345678901234567890
1 4P3B     800.0  4.0 5.94    0.0   2.0  0.89 0.944                1 .0226 .0199
6 4P3B      00000000000   700.00 700.00 700.00 700.00 700.00 700.00 700.0 700.00
7 700.00 700.00 700.00
1 4P6B    2250.0  4.0 7.06    0.0   2.0  0.90 0.958                1 .0029 .0037
6 4P6B      00000000000   2210.0 2210.0 2210.0 2210.0 2210.0 2210.0 2210. 2210.0
7 2210.0 2210.0 2210.0
1 4P7D    1250.0  4.0 4.57    0.0   2.0         0.0               1 .0267 .0349
6 4P7D      00000000000
7
1 4P7B    1250.0  4.0 4.57    0.0   2.0         0.0               1 .0275 .0359
6 4P7B      00000000000
7
1 4P9B     325.0  4.0 5.8     0.0   2.0  0.82 0.928  0.00  0.00   1 .0452 .0398
6 4P9B      00000000000
7
2 DG4B      3.75 4.16 1.000       .077  .145  .693  30.00       0   .0150 .0504
6 DG4B    1 11111111111
7
  4B02     96.0  82.0    30
1 4P201B   150.0 .460 5.800   0.0   2.0  0.90 0.925                1 .0271 .0294
6 4P201B    00000000000
7
1 4V1D     100.0 .460 7.75    0.0   2.0         0.0               1 .0576 .0392
6 4V1D      00000000001
7
  4B04     96.0  82.0    30
1 4P214B   250.0 .460 6.540   0.0   1.0  0.91  0.94 0.15          1 .0057 .0124
6 4P214B    11200000002
7
1 4S7B     150.0 .460         0.0   2.0         0.0               1 .0110 .0119
6 4S7B      00000000000   75.0   75.0   75.0   75.0   75.0   75.0   75.0  75.0
7 75.0   75.0   75.0
4 PH4B13   150.0 .480 1.000   0.0   0.0         0.0               1 .0055 .0079
6 PH4B13    11111111111
7
  4B54     90.0  80.0    30
1 HVACHP    18.0 .460 1.000   0.0   2.0         0.0               1
6 HVACHP    00000000000
7
4 HVACKW    27.0 .480 1.000   0.0   0.0         0.0               1
6 HVACKW    00000000000
7
  4B06     96.0  82.0    30
1 4P203B    15.0 .460         0.0   2.0         0.0               1 .1355 .0325
6 4P203B    00000000000
7
1 E16A/17A  34.0 .460         0.0   2.0         0.0               1 .0747 .0075
6 E16A/17A  00000000000
7
1 4V20      20.0 .460         0.0   2.0         0.0               1 .1943 .0101
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         1         2         3         4         5         6         7         8
12345678901234567890123456789012345678901234567890123456789012345678901234567890
6 4V20    1 11111111111
7
1 4V19B     15.0 .460         0.0   2.0         0.0               1 .4535 .0144
6 4V19B     00000000000
7
1 4V2B      60.0 .460         0.0   2.0         0.0               1 .0668 .0251
6 4V2B      00000000000
7
1 4V30C     30.0 .460 5.39    0.0   2.0         0.0               1 .2307 .0302
6 4V30C     11200000000
7
1 4V3C      75.0 .460 6.06    0.0   2.0         0.0               1 .0429 .0292
6 4V3C      11111200000
7
1 4V9       20.0 .460         0.0   2.0         0.0               1 .2172 .0112
6 4V9     1 11111111111
7
1 4V36       2.0 .460         0.0   2.0         0.0               1 .8474 .0184
6 4V36      00000000000
7
4 4D02      25.0 .480 1.000                                         .0172 .0117
6 4D02      00000000000
4 STATICL   10.0 .480 1.000   0.0   0.0         0.0
6 STATICL   00000000000
7
1 MOV381    0.42 .460   5.26        2.0  0.85   .49 0.6           1 .6999 .0152
6 MOV381    20000111111
7
1 MOV626     1.0 .460   5.71        2.0  0.85   .39 0.6           1 .7781 .0169
6 MOV626    20000111111
7
1 MOV716B    1.3 .460   3.75        2.0  0.85   .60 0.6           1 .4914 .0156
6 MOV716B   20000111111
7
1 MOV730     1.3 .460   3.75        2.0  0.85   .60 0.6           1 .7110 .0155
6 MOV730    20000111111
7
1 MOV744B   10.5 .460   7.22        2.0  0.85   .80 0.6           1 .4934 .0169
6 MOV744B   20000111111
7
1 MOV843B   1.58 .460   7.43        2.0  0.85   .50 0.6           1 .6887 .0150
6 MOV843B   20000111111
7
1 MOV880B    2.0 .460   3.71        2.0  0.85   .63 0.6           1 .6775 .0147
6 MOV880B   20000111111
7
1 MOV1402   0.33 .460   7.33        2.0  0.85   .48 0.6           1 .6596 .0143
6 MOV1402   20000111111
7
1 MOV1418   1.5  .460   5.71        2.0  0.85   .50 0.6           1 .5855 .0186
```

EBASCO SERVICES INCORPORATED
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DATA VERIFICATION

```
         1         2         3         4         5         6         7         8
12345678901234567890123456789012345678901234567890123456789012345678901234567890
6 MOV1418   20000111111
7
1 MOV1421    5.2 .460   5.66        2.0  0.85   .54 0.6          1 .7312 .0159
6 MOV1421   20000111111
7
1 MOV1425   0.25 .460   4.91        2.0  0.85   .50 0.6          1 .9704 .0211
6 MOV1425   20000111111
7
  4B52     96.0  82.0    30
1 4P244B     1.0 .460         0.0   2.0        0.0              1 .1179 .0038
6 4P244B    20000000000
7
1 4V63B      2.0 .460         0.0   2.0        0.0              1 .0562 .0018
6 4V63B     00000000000
7
1 4V70B      0.5 .460         0.0   2.0        0.0              1 .1432 .0046
6 4V70B     00000000000
7
1 4V65B      2.0 .460         0.0   2.0        0.0              1 .0646 .0021
6 4V65B     00000000000
7
1 4V67B     40.0 .460         0.0   2.0        0.0              1 .0084 .0038
6 4V67B     20000000000
7
1 4V64B      3.0 .460         0.0   2.0        0.0              1 .0323 .0010
6 4V64B     00000000000
7
1 4P241B     1.0 .460         0.0   2.0        0.0              1 .2429 .0077
6 4P241B    20000000000
7
1 4S226B    15.0 .460         0.0   2.0        0.0              1 .0513 .0056
6 4S226B    20000000000
7
1 4V68B     40.0 .460         0.0   2.0        0.0              1 .0103 .0047
6 4V68B     20000000000
7
1 4P245B    0.75 .460         0.0   2.0        0.0              1 .1179 .0038
6 4P245B    20000000000
7
1 4V69B     40.0 .460         0.0   2.0        0.0              1 .0111 .0051
6 4V69B     20000000000
7
1 4S231B     9.5 .460         0.0   2.0        0.0              1 .0829 .0040
6 4S231B    00000000000
7
4 STATICL    1.0 .480 1.000   0.0   0.0        0.0
6 STATICL   00000000000
7
  2BUS114
3 SWICHYD  15000  19.21.008  4435
```

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DATA VERIFICATION

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         1         2         3         4         5         6         7         8
12345678901234567890123456789012345678901234567890123456789012345678901234567890
6 SWICHYD
9
  C TRLIN H1      2BUS114
  C NONSG X1      4AA1            .0005 .0018
  C NONSG Y1      4AB1            .0005 .0021
  T 4X03  H1      X1      Y1       40.0 233.03 4.16  4.16
                                  16.64 0.67  16.64 0.67  29.89 1.19
  R 4AA2  4AA1    4AA2              0.0   0.0  0.04 80.00  0.00  0.00
  C 4AD   4AB2    4AD             .0124 .0278
  C 4B01  X2      4B01              0.0   0.0
  C 4B03  X4      4B03              0.0   0.0
  C 4B05V 4B01    4B05V           .0020 .0041
  C 4B05N 4B01    4B05N           .0046 .0050
  C 4B07  4B03    4B07            .0037 .0075
  C 4B08  4B50    4B08            .0004 .0009
  C 4B50  4B03    4B50            .0026 .0053
  C 4B51  4B01    4B51            .0109 .0219
  C 4X04  4AA2    H2              .0035 .0031
  T 4X04  H2      X2                1.0  4.055 0.48       2.5
                                   5.63 0.544
  C 4X06  4AA2    H4              .0025 .0022
  T 4X06  H4      X4                1.0  4.055 0.48       2.5
                                   5.61 0.544
  R 4AB2  4AB1    4AB2              0.0   0.0  0.04 80.00  0.00  0.00
  C 4B02  X3      4B02              0.0   0.0
  C 4B04  X5      4B04              0.0   0.0
  C 4B06  4B02    4B06            .0025 .0050
  C 4B52  4B04    4B52            .0119 .0240
  T 4X05  H3      X3                1.0  4.055 0.48       2.5
                                   5.61 0.544
  C 4X05  4AB2    H3              .0032 .0028
  C 4X07  4AB2    H5              .0039 .0034
  C 4B53  4B01    4B53            .0018 .0020
  C 4B54  4B04    4B54            .0027 .0029
  T 4X07  H5      X5                1.0 4.055  0.48       2.5
                                   5.65 0.544
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FILE: \AUXSYS\U4APP12.DAT
STEADY STATE SET @ 96% AND STARTING @ 82% FOR SAFETY BUSES
STEADY STATE SET @ 90% AND STARTING @ 80% FOR NON-SAFETY BUSES
EBASCO SERVICES INC.
TURKEY POINT UNIT NO. 4. ELECTRICAL AUXILIARY SYSTEM DESIGN
AUX SYS FED THRU THE S/U TRF. PSB-1.
BUS 4AB2 ALIGNED TO 4AD, BUS 4B50 ALIGNED TO 4B03
SEQUENCED LOADING FOR CALCULATION EC-145, REV. 4
(3/08/91)

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GENERAL INSTRUCTION CARD DATA

NUMBER OF VOLTAGE DROP CASES	S/C CASE 1=YES 2=NO	TYPE OF OUTPUT	BASE MVA
1-11	1	SHORT	40.000

OPTIONAL USER SELECTED ASSUMED DATA

LRA/FLA >1KV	LRA/FLA <=1KV	OP PF >1KV	OP PF <=1KV	OP EFF >1KV	OP EFF <=1KV	ST PF >1KV	ST PF <=1KV
6.00	6.00	.85	.85	.92	.92	.20	.20

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SHORT CIRCUIT & REACTANCE SIZING PARAMETERS

TYPE	BUS NAME	MVA CLASS	RATED MAX KV	RATED C&L KA	RATED SC @ MAX KV	HPFV KV	"S" FACTOR	MIN CPT	FIXED K3	PERMISSIBLE INT CAP OF BREAKER KA@ HPFV	ASSYM MULT FOR C&L
1	BUS NAME	INT KA	HPFV KV	FIXED K4	K6 FACTOR	K6 BREAK OFF					
2	BUS NAME	INT KA	HPFV KV	FIXED K5	K7 FACTOR	K7 BREAK OFF					
3											

1	4AA1	350.00	4.760	80.0	42.45	4.160	1.100	3.000	(*****)	48.57	(1.60)
1	4AA2	350.00	4.760	80.0	42.45	4.160	1.100	3.000	(*****)	48.57	(1.60)
1	4AD	250.00	4.760	80.0	30.30	4.160	1.100	3.000	(*****)	34.67	(1.60)
2	4B01	30.00	.480	(*****)	(1.00)	.00					
2	4B03	30.00	.480	(*****)	(1.00)	.00					
3	4B05V	25.00	.480	(*****)	(1.00)	.00					
3	4B05N	25.00	.480	(*****)	(1.00)	.00					
3	4B07	25.00	.480	(*****)	(1.00)	.00					
3	4B08	25.00	.480	(*****)	(1.00)	.00					
2	4B50	30.00	.480	(*****)	(1.00)	.00					
1	4AB1	350.00	4.760	80.0	42.45	4.160	1.100	3.000	(*****)	48.57	(1.60)
1	4AB2	350.00	4.760	80.0	42.45	4.160	1.100	3.000	(*****)	48.57	(1.60)
2	4B02	30.00	.480	(*****)	(1.00)	.00					
2	4B04	30.00	.480	(*****)	(1.00)	.00					
3	4B06	25.00	.480	(*****)	(1.00)	.00					
3	4B52	25.00	.480	(*****)	(1.00)	.00					
3	4B51	25.00	.480	(*****)	(1.00)	.00					
3	4B53	25.00	.480	(*****)	(1.00)	.00					
3	4B54	25.00	.480	(*****)	(1.00)	.00					

NOTE: TYPE 1 FAULT= MEDIUM VOLTAGE FAULT CALCULATION
TYPE 2 FAULT= LOW VOLTAGE POWER CIRCUIT BREAKER FAULT CALCULATION
TYPE 3 FAULT= LOW VOLTAGE MOLDED CASE BREAKER FAULT CALCULATION
(*****) = COMPUTER WILL CALCULATE K FACTOR

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BUS NAME	MIN ALLOWABLE VOLTAGE FOR S S	MIN ALLOWABLE VOLTAGE WHEN STARTING OTHER MOTORS	MAX # WARNINGS FOR LOW VOLT
4AA1	96.00 %	82.00 %	30.0

****
* LOAD DATA *
****

TYPE	NAME	RATED HP / RATED HVA / RATED S/C / RATED CONTINUOUS KVA	RATED KV / X/R	LRA/FLA / PU OP VOLT	K1 FACTOR / V/D MVA	SPEED 3.6K=1 <3.6K=2 / OHMS FOR REACT OR Z% FOR TRANSF	OP PWR FACTOR / % R/X FOR REAC OR %R FOR TRANSF	OP EFF / X C&L / X INT / X GVD / TRANSF MVA	ST PF / X/R / REACT -TOL OR TRANSF KV	R-OHMS T-T / REAC +TOL OR TRANSF TOL	MOT SYN=2 IND=1 / ANG DEG	CABLE RES REAC	0=ON 1=OFF CON FOR S/C	VOLTAGE DROP CONDITION CODES (0=ON;1=OFF;2=STARTING)
1	MOTOR NAME	RATED HP	RATED KV	LRA/FLA	K1 FACTOR	SPEED 3.6K=1 <3.6K=2	OP PWR FACTOR	OP EFF	ST PF	R-OHMS T-T	MOT SYN=2 IND=1	CABLE RES REAC	CON FOR S/C	VOLTAGE DROP CONDITION CODES (0=ON;1=OFF;2=STARTING)
2	GEN NAME	RATED HVA	RATED KV	PU OP VOLT		X C&L	X INT	X GVD	X/R		ANG DEG	CABLE RES REAC	CON FOR S/C	
3	SYSTEM NAME	S/C HVA	X/R	PU OP VOLT	V/D MVA	OHMS FOR REACT OR Z% FOR TRANSF	% R/X FOR REAC OR %R FOR TRANSF	TRANSF MVA	REACT -TOL OR TRANSF KV	REAC +TOL OR TRANSF TOL	ANG DEG	CABLE RES REAC	CON FOR S/C	
4	STATIC NAME	RATED KVA	RATED KV	RATED PF								CABLE RES REAC	CON FOR S/C	

TYPE	NAME	RATED HP / RATED HVA / RATED S/C / RATED CONTINUOUS KVA	RATED KV / X/R	LRA/FLA / PU OP VOLT	K1 FACTOR / V/D MVA	SPEED 3.6K=1 <3.6K=2 / OHMS FOR REACT OR Z% FOR TRANSF	OP PWR FACTOR / % R/X FOR REAC OR %R FOR TRANSF	OP EFF / X C&L / X INT / X GVD / TRANSF MVA	ST PF / X/R / REACT -TOL OR TRANSF KV	R-OHMS T-T / REAC +TOL OR TRANSF TOL	MOT SYN=2 IND=1 / ANG DEG	CABLE RES	CABLE REAC	CON FOR S/C	1	2	3	4	5	6	7	8	9	10	11
1	4P1A	7000.00	4.000	6.490	1.0	1.000	.900	.959	.200	****	1.	.003	.006	(0)	1	1	1	1	1	1	1	1	2	1	1
1	4P200A	6000.00	4.000	6.320	1.0	2.000	.850	.920	.200	****	1.	.004	.011	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)

**********CHANGES TO LOAD DATA FOR VOLTAGE DROP CASE **********

DEVICE NAME		CASE: 1	2	3	4	5	6	7	8	9	10	11
1 4P200A	RATED HP	5061.00	5061.00	5061.00	5061.00	5061.00	5061.00	5061.00	5061.00	5061.00	5061.00	5061.00

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BUS NAME	MIN ALLOWABLE VOLTAGE FOR S S	MIN ALLOWABLE VOLTAGE WHEN STARTING OTHER MOTORS	MAX # WARNINGS FOR LOW VOLT
4AA2	96.00 %	82.00 %	30.0

****
* LOAD DATA *
****

TYPE	NAME	RATED HP / RATED MVA / RATED S/C MVA	RATED KV / RATED KV / X/R	LRA/FLA / PU OP VOLT / PU OP VOLT	K1 FACTOR / V/D MVA	SPEED 3.6K=1 <3.6K=2 / OHMS FOR REACT OR Z% FOR TRANSF	OP PWR FACTOR / % R/X FOR REAC OR %R FOR TRANSF	OP EFF / X C&L / X INT / X GVD / TRANSF MVA	ST PF / X/R / REACT -TOL OR TRANSF KV	R-OHMS T-T / REAC +TOL OR TRANSF TOL	MOT SYN=2 IND=1 / ANG DEG / ANG DEG	CABLE RES REAC	0=ON 1=OFF CON FOR S/C	VOLTAGE DROP CONDITION CODES (0=ON;1=OFF;2=STARTING)
1	MOTOR NAME	RATED HP	RATED KV	LRA/FLA	K1 FACTOR	SPEED 3.6K=1 <3.6K=2	OP PWR FACTOR	OP EFF	ST PF	R-OHMS T-T	MOT SYN=2 IND=1	CABLE RES REAC	CON FOR S/C	VOLTAGE DROP CONDITION CODES (0=ON;1=OFF;2=STARTING)
2	GEN NAME	RATED MVA	RATED KV	PU OP VOLT		X C&L	X INT	X GVD	X/R		ANG DEG	CABLE RES REAC	CON FOR S/C	
3	SYSTEM NAME	S/C MVA	X/R	PU OP VOLT	V/D MVA	OHMS FOR REACT OR Z% FOR TRANSF	% R/X FOR REAC OR %R FOR TRANSF	TRANSF MVA	REACT -TOL OR TRANSF KV	REAC +TOL OR TRANSF TOL	ANG DEG	CABLE RES REAC	CON FOR S/C	
4	STATIC NAME	RATED KVA	RATED KV	RATED PF								CABLE RES REAC	CON FOR S/C	

1	4P11A	400.00	4.000	5.090	(1.2)	2.000	.850	.938	(.200)	(****)	(1.)	.029	.026	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1	4P210A	300.00	4.000	6.220	(1.2)	2.000	.890	.934	(.200)	(****)	(1.)	.026	.023	(0)	1	2	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1	4P211A	450.00	4.000	4.740	(1.2)	2.000	(.850)	(.920)	(.200)	(****)	(1.)	.029	.026	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1	4P215A	350.00	4.000	6.400	(1.0)	1.000	.880	.940	(.200)	(****)	(1.)	.031	.027	(0)	1	2	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1	4P3A	800.00	4.000	5.940	(1.2)	2.000	.890	.944	(.200)	(****)	(1.)	.028	.025	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1	4P6A	2250.00	4.000	7.060	(1.0)	2.000	.900	.958	(.200)	(****)	(1.)	.003	.004	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1	4P7A	1250.00	4.000	4.570	(1.0)	2.000	(.850)	(.920)	(.200)	(****)	(1.)	.029	.037	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1	4P7C	1250.00	4.000	4.570	(1.0)	2.000	(.850)	(.920)	(.200)	(****)	(1.)	.028	.036	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1	4P9A	325.00	4.000	5.800	(1.2)	2.000	.820	.928	(.200)	(****)	(1.)	.045	.040	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
2	DG4A	3.75	4.160	1.000	*******	.077	.145	.693	30.000	****	(0.)	.011	.037	1	1	1	1	1	1	1	1	1	1	1

**********CHANGES TO LOAD DATA FOR VOLTAGE DROP CASE **********

DEVICE NAME		CASE: 1	2	3	4	5	6	7	8	9	10	11
1 4P6A	RATED HP	2210.00	2210.00	2210.00	2210.00	2210.00	2210.00	2210.00	2210.00	2210.00	2210.00	2210.00
1 4P3A	RATED HP	700.00	700.00	700.00	700.00	700.00	700.00	700.00	700.00	700.00	700.00	700.00

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                            BUS NAME                   MIN  ALLOWABLE        MIN  ALLOWABLE
                                                       VOLTAGE FOR S S     VOLTAGE WHEN STARTING  MAX  # WARNINGS FOR LOW VOLT
                                                                             OTHER MOTORS
                            4AD                          96.00  %              82.00  %                 30.0
T                                                      ****************
Y                                                      *  LOAD DATA  *
P                                                      ****************                           0=ON
E                                                                                                 1=OFF
1 MOTOR     RATED    RATED LRA/      K1   SPEED OP PWR    OP     ST    R-OHMS  MOT     CABLE     CON          VOLTAGE DROP
  NAME       HP       KV   FLA    FACTOR 3.6K=1 FACTOR   EFF     PF     T-T   SYN=2  RES  REAC   FOR        CONDITION CODES
                                         <3.6K=2                              IND=1              S/C     (0=ON;1=OFF;2=STARTING)

2 GEN       RATED    RATED PU                X      X      X     X/R           ANG     CABLE     CON
  NAME       MVA      KV   OP               C&L    INT    GVD                  DEG   RES  REAC   FOR
                           VOLT                                                                  S/C

3 SYSTEM     S/C      X/R  PU        V/D   OHMS   % R/X  TRANSF REACT   REAC  ANG      CABLE     CON
  NAME       MVA           OP        MVA   FOR    FOR     MVA   -TOL    +TOL  DEG    RES  REAC   FOR
                           VOLT            REACT  REAC           OR      OR                      S/C
                                           OR Z%  OR %R         TRANSF  TRANSF
                                           FOR    FOR            KV     TOL
                                          TRANSF TRANSF
4 STATIC    RATED    RATED RATED                                                       CABLE     CON
  NAME       KVA      KV    PF                                                       RES  REAC   FOR
                                                                                                 S/C  1  2  3  4  5  6  7  8  9 10 11
*********************************************************************************************************************************
1 4P211C    450.00   4.000 4.740 (    1.2) 2.000 ( .850)( .920)(  .200)(****)( 1.)  .044   .039 (0) (0)(0)(0)(0)(0)(0)(0)(0)(0)(0)(0)
1 4P9C      325.00   4.000 5.800 (    1.2) 2.000   .820    .928 (  .200)(****)( 1.)  .036   .032 (0) (0)(0)(0)(0)(0)(0)(0)(0)(0)(0)(0)
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BUS NAME	MIN ALLOWABLE VOLTAGE FOR S S	MIN ALLOWABLE VOLTAGE WHEN STARTING OTHER MOTORS	MAX # WARNINGS FOR LOW VOLT
4B01	96.00 %	82.00 %	30.0

****
* LOAD DATA *
****

TYPE														0=ON 1=OFF CON FOR S/C	VOLTAGE DROP CONDITION CODES (0=ON;1=OFF;2=STARTING)
1	MOTOR NAME	RATED HP	RATED KV	LRA/ FLA	K1 FACTOR	SPEED 3.6K=1 <3.6K=2	OP PWR FACTOR	OP EFF	ST PF	R-OHMS T-T	HOT SYN=2 IND=1	CABLE RES	CABLE REAC		
2	GEN NAME	RATED MVA	RATED KV	PU OP VOLT		X C&L	X INT	X GVD	X/R		ANG DEG	CABLE RES	CABLE REAC	CON FOR S/C	
3	SYSTEM NAME	S/C MVA	X/R	PU OP VOLT	V/D MVA	OHMS FOR REACT OR Z% FOR TRANSF	% R/X FOR REAC OR %R FOR TRANSF	TRANSF MVA	REACT -TOL OR TRANSF KV	REAC +TOL OR TRANSF TOL	ANG DEG	CABLE RES	CABLE REAC	CON FOR S/C	
4	STATIC NAME	RATED KVA	RATED KV	RATED PF								CABLE RES	CABLE REAC	CON FOR S/C	

**********																									
1	4P201A	150.00	.460	5.800	(1.2)	2.000	.900	.925	(.200)	(****)	(1.)	.021	.022	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1	4P214A	250.00	.460	6.540	(1.2)	1.000	.910	.940	.150	(****)	(1.)	.007	.015	(0)	1	1	2	(0)	(0)	(0)	(0)	(0)	(0)	(0)	2
1	4S6A	150.00	.460	6.050	(1.2)	2.000	(.850)	(.920)	(.200)	(****)	(1.)	.013	.015	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
4	PH4B12	150.00	.480	1.000	*******	*****	*****	*****	******	****	***	.007	.010	(1)	1	1	1	1	1	1	1	1	1	1	1

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                             BUS NAME                MIN  ALLOWABLE       MIN  ALLOWABLE
                                                     VOLTAGE FOR S S    VOLTAGE WHEN STARTING  MAX  # WARNINGS FOR LOW VOLT
                                                                          OTHER MOTORS
                             4853                       90.00  %              80.00  %                   30.0
T                                                    ****************
Y                                                    *  LOAD DATA  *
P                                                    ****************                                0=ON
E                                                                                                    1=OFF
1 MOTOR     RATED     RATED LRA/         K1    SPEED OP PWR     OP     ST     R-OHMS  MOT     CABLE      CON             VOLTAGE DROP
  NAME      HP        KV    FLA       FACTOR 3.6K=1 FACTOR     EFF    PF      T-T   SYN=2  RES  REAC   FOR          CONDITION CODES
                                           <3.6K=2                                  IND=1              S/C        (0=ON;1=OFF;2=STARTING)

2 GEN       RATED     RATED PU                 X      X        X      X/R                 ANG     CABLE      CON
  NAME      MVA       KV    OP                C&L    INT      GVD                         DEG   RES  REAC   FOR
                            VOLT                                                                             S/C

3 SYSTEM    S/C       X/R   PU         V/D    OHMS    % R/X   TRANSF REACT    REAC   ANG     CABLE      CON
  NAME      MVA             OP         MVA    FOR     FOR     MVA    -TOL     +TOL   DEG   RES  REAC   FOR
                            VOLT              REACT   REAC           OR       OR                        S/C
                                              OR ZX  OR XR           TRANSF   TRANSF
                                              FOR     FOR            KV       TOL
                                              TRANSF  TRANSF

4 STATIC    RATED     RATED RATED                                                              CABLE      CON
  NAME      KVA       KV    PF                                                               RES  REAC   FOR
                                                                                                         S/C  1  2  3  4  5  6  7  8  9 10 11
***********************************************************************************************************************************************
1 HVACHP    18.00     .460 1.000 (     8.0) 2.000 ( .850)( .920)(   .200)(****)( 1.)( .000)( .000)(0) (0)(0)(0)(0)(0)(0)(0)(0)(0)(0)(0)
4 HVACKW    27.00     .480 1.000 *******  *****  *****  *****  *******  ****  *** ( .000)( .000)(1) (0)(0)(0)(0)(0)(0)(0)(0)(0)(0)(0)
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JOB ID 3/08/91
VERIFICATION BY .....
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EBASCO SERVICES INCORPORATED
AUXSYS4078-12/31/89
ELECTRICAL AUXILIARY DESIGN

BUS NAME	MIN ALLOWABLE VOLTAGE FOR S S	MIN ALLOWABLE VOLTAGE WHEN STARTING OTHER MOTORS	MAX # WARNINGS FOR LOW VOLT
4B03	96.00 %	82.00 %	30.0

****
* LOAD DATA *
****

TYPE	NAME	RATED HP / RATED HVA / S/C HVA	RATED KV / X/R	LRA/FLA / PU OP VOLT	K1 FACTOR / V/D HVA	SPEED 3.6K=1 <3.6K=2 / OHMS FOR REACT OR Z% FOR TRANSF	OP PWR FACTOR / X C&L / % R/X FOR REAC OR %R FOR TRANSF	OP EFF / X INT / TRANSF HVA	ST PF / X/R / REACT -TOL OR TRANSF KV	R-OHMS T-T / REAC +TOL OR TRANSF TOL	MOT SYN=2 IND=1 / ANG DEG	CABLE RES	CABLE REAC	0=ON 1=OFF CON FOR S/C	VOLTAGE DROP CONDITION CODES (0=ON;1=OFF;2=STARTING)
1	MOTOR NAME	RATED HP	RATED KV	LRA/FLA	K1 FACTOR	SPEED 3.6K=1 <3.6K=2	OP PWR FACTOR	OP EFF	ST PF	R-OHMS T-T	MOT SYN=2 IND=1	CABLE RES	CABLE REAC	CON FOR S/C	VOLTAGE DROP CONDITION CODES (0=ON;1=OFF;2=STARTING)
2	GEN NAME	RATED HVA	RATED KV	PU OP VOLT		X C&L	X INT	X GVD	X/R		ANG DEG	CABLE RES	CABLE REAC	CON FOR S/C	
3	SYSTEM NAME	S/C HVA	X/R	PU OP VOLT	V/D HVA	OHMS FOR REACT OR Z% FOR TRANSF	% R/X FOR REAC OR %R FOR TRANSF	TRANSF HVA	REACT -TOL OR TRANSF KV	REAC +TOL OR TRANSF TOL	ANG DEG	CABLE RES	CABLE REAC	CON FOR S/C	
4	STATIC NAME	RATED KVA	RATED KV	RATED PF								CABLE RES	CABLE REAC	CON FOR S/C	

1	4K10	100.00	.460	(6.000)	(1.2)	2.000	(.850)	(.920)	(.200)	(****)	(1.)	.022	.015	1	1	1	1	1	1	1	1	1	1	1
1	4P212	100.00	.460	(6.000)	(1.2)	2.000	(.850)	(.920)	(.200)	(****)	(1.)	.045	.031	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1	4P32	200.00	.460	(6.000)	(1.2)	2.000	(.850)	(.920)	(.200)	(****)	(1.)	.011	.023	1	1	1	1	1	1	1	1	1	1	1
4	PH4X09	300.00	.480	1.000	*******	*****	*****	*****	******	****	***	.005	.007	(1)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)

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                                                                                          JOB ID 3/08/91
                                               EBASCO SERVICES INCORPORATED            VERIFICATION BY ..........
                                                    AUXSYS4078-12/31/89                         PAGE  22
                                               ELECTRICAL AUXILIARY DESIGN

                          BUS NAME                MIN  ALLOWABLE        MIN  ALLOWABLE
                                                  VOLTAGE FOR S S     VOLTAGE WHEN STARTING  MAX  # WARNINGS FOR LOW VOLT
                                                                       OTHER MOTORS
                          4B05V                     96.00  %              82.00  %                     30.0
T                                                 ****************
Y                                                 *  LOAD DATA  *
P                                                 ****************
E                                                                                                 0=ON
                                                                                                  1=OFF
1 MOTOR      RATED     RATED LRA/       K1   SPEED OP PWR    OP      ST     R-OHMS  MOT     CABLE    CON            VOLTAGE DROP
  NAME       HP        KV    FLA    FACTOR 3.6K=1 FACTOR    EFF     PF      T-T   SYN=2  RES  REAC  FOR          CONDITION CODES
                                           <3.6K=2                                IND=1             S/C     (0=ON;1=OFF;2=STARTING)

2 GEN        RATED     RATED PU                  X      X      X      X/R             ANG     CABLE    CON
  NAME       HVA       KV    OP                 C&L    INT    GVD                     DEG  RES  REAC  FOR
                             VOLT                                                                   S/C

3 SYSTEM     S/C       X/R   PU         V/D    OHMS   % R/X  TRANSF REACT    REAC ANG     CABLE    CON
  NAME       MVA             OP         MVA    FOR    FOR     MVA   -TOL     +TOL DEG  RES  REAC  FOR
                             VOLT              REACT  REAC           OR       OR                  S/C
                                               OR ZX  OR XR         TRANSF   TRANSF
                                               FOR    FOR            KV      TOL
                                               TRANSF TRANSF
4 STATIC     RATED     RATED RATED                                                        CABLE    CON
  NAME       KVA       KV    PF                                                      RES  REAC    FOR
                                                                                                  S/C  1  2  3  4  5  6  7  8  9 10 11
*************************************************************************************************************************************
1 4P31       40.00    .460(6.000)(    8.0) 2.000 ( .850)( .920)(   .200)(****)( 1.)  .051   .012  1   1  1  1  1  1  1  1  1  1  1  1
1 4P36       25.00    .460(6.000)(    8.0) 2.000 ( .850)( .920)(   .200)(****)( 1.)  .055   .006  1   1  1  1  1  1  1  1  1  1  1  1
1 4P37        8.00    .460(6.000)(    8.0) 2.000 ( .850)( .920)(   .200)(****)( 1.)  .230   .005  1   1  1  1  1  1  1  1  1  1  1  1
1 4P40       20.00    .460(6.000)(    8.0) 2.000 ( .850)( .920)(   .200)(****)( 1.)  .334   .011  1   1  1  1  1  1  1  1  1  1  1  1
1 4T0B       50.00    .460(6.000)(    1.2) 2.000 ( .850)( .920)(   .200)(****)( 1.)  .015   .006  1   1  1  1  1  1  1  1  1  1  1  1
1 4V1C      100.00    .460 7.750 (    1.2) 2.000 ( .850)( .920)(   .200)(****)( 1.)  .035   .024 (0) (0)(0)(0)(0)(0)(0)(0)(0)(0)(0) 1
1 4V30B      30.00    .460 5.390 (    8.0) 2.000 ( .850)( .920)(   .200)(****)( 1.)  .282   .034 (0)  1  1  2 (0)(0)(0)(0)(0)(0)(0)(0)
1 4V38       75.00    .460 6.060 (    1.2) 2.000 ( .850)( .920)(   .200)(****)( 1.)  .033   .022 (0)  1  1  1  1  1  2 (0)(0)(0)(0)(0)
1 4C1        75.00    .460(6.000)(    1.2) 2.000 ( .850)( .920)(   .200)(****)( 1.)  .020   .014  1   1  1  1  1  1  1  1  1  1  1  1
4 STATICL     1.00    .480 1.000  *******  *****   *****  *****  ******  ****  *** ( .000)( .000)(1) (0)(0)(0)(0)(0)(0)(0)(0)(0)(0)(0)
1 MOV1420     5.20    .460 5.600 (    8.0) 2.000    .850   .540    .600 (****)( 1.)  .731   .016 (0)  2 (0)(0)(0)(0) 1  1  1  1  1  1
1 MOV1400      .33    .460 7.300 (    8.0) 2.000    .850   .480    .600 (****)( 1.)  .666   .014 (0)  2 (0)(0)(0)(0) 1  1  1  1  1  1
1 MOV1427      .25    .460 4.900 (    8.0) 2.000    .850   .500    .600 (****)( 1.) 1.290   .028 (0)  2 (0)(0)(0)(0) 1  1  1  1  1  1
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VERIFICATION BY .....
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EBASCO SERVICES INCORPORATED
AUXSYS4078-12/31/89
ELECTRICAL AUXILIARY DESIGN

BUS NAME	MIN ALLOWABLE VOLTAGE FOR S S	MIN ALLOWABLE VOLTAGE WHEN STARTING OTHER MOTORS	MAX # WARNINGS FOR LOW VOLT
4B05N	90.00 %	80.00 %	30.0

****
* LOAD DATA *
****

TYPE

1 MOTOR NAME | RATED HP | RATED KV | LRA/FLA | K1 FACTOR | SPEED 3.6K=1 <3.6K=2 | OP PWR FACTOR | OP EFF | ST PF | R-OHMS T-T | HOT SYN=2 IND=1 | CABLE RES REAC | 0=ON 1=OFF CON FOR S/C | VOLTAGE DROP CONDITION CODES (0=ON;1=OFF;2=STARTING)

2 GEN NAME | RATED MVA | RATED KV | PU OP VOLT | X C&L | X INT | X GVD | X/R | ANG DEG | CABLE RES REAC | CON FOR S/C

3 SYSTEM NAME | S/C MVA | X/R | PU OP VOLT | V/D MVA | OHMS FOR REACT OR Z% FOR TRANSF | % R/X FOR REAC OR %R FOR TRANSF | TRANSF MVA | REACT -TOL OR TRANSF KV | REAC +TOL OR TRANSF TOL | ANG DEG | CABLE RES REAC | CON FOR S/C

4 STATIC NAME | RATED KVA | RATED KV | RATED PF | CABLE RES REAC | CON FOR S/C

1	4C19	.50	.460(6.000)(	8.0)	2.000	(.850)(	.920)(	.200)(****)(	1.)	.264	.006	1	1	1	1	1	1	1	1	1	1	1	1
1	4P15	3.00	.460(6.000)(	8.0)	2.000	(.850)(	.920)(	.200)(****)(	1.)	.487	.011	1	1	1	1	1	1	1	1	1	1	1	1
1	4P19A	.50	.460(6.000)(	8.0)	2.000	(.850)(	.920)(	.200)(****)(	1.)	.434	.009	1	1	1	1	1	1	1	1	1	1	1	1
1	4P19B	.50	.460(6.000)(	8.0)	2.000	(.850)(	.920)(	.200)(****)(	1.)	.456	.010	1	1	1	1	1	1	1	1	1	1	1	1
1	4P232B	10.00	.460(6.000)(	8.0)	2.000	(.850)(	.920)(	.200)(****)(	1.)	1.163	.025	1	1	1	1	1	1	1	1	1	1	1	1
1	4P28A	3.00	.460(6.000)(	8.0)	2.000	(.850)(	.920)(	.200)(****)(	1.)	.297	.007	1	1	1	1	1	1	1	1	1	1	1	1
1	4P34A	.75	.460(6.000)(	8.0)	2.000	(.850)(	.920)(	.200)(****)(	1.)	.687	.015	1	1	1	1	1	1	1	1	1	1	1	1
1	4P4	10.00	.460(6.000)(	8.0)	2.000	(.850)(	.920)(	.200)(****)(	1.)	.494	.011	1	1	1	1	1	1	1	1	1	1	1	1
1	4P43	5.00	.460(6.000)(	8.0)	2.000	(.850)(	.920)(	.200)(****)(	1.)	1.073	.023	1	1	1	1	1	1	1	1	1	1	1	1
1	4P49	.75	.460(6.000)(	8.0)	2.000	(.850)(	.920)(	.200)(****)(	1.)	.329	.007	1	1	1	1	1	1	1	1	1	1	1	1
1	4P5	40.00	.460(6.000)(	8.0)	2.000	(.850)(	.920)(	.200)(****)(	1.)	.101	.024	1	1	1	1	1	1	1	1	1	1	1	1
1	4T9	25.00	.460(6.000)(	8.0)	2.000	(.850)(	.920)(	.200)(****)(	1.)	.157	.017	1	1	1	1	1	1	1	1	1	1	1	1
1	4V14A	7.50	.460(6.000)(	8.0)	2.000	(.850)(	.920)(	.200)(****)(	1.)	.756	.016	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1	4V5	.50	.460(6.000)(	8.0)	2.000	(.850)(	.920)(	.200)(****)(	1.)	.152	.003	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1	4V16	2.00	.460(6.000)(	8.0)	2.000	(.850)(	.920)(	.200)(****)(	1.)	.304	.007	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1	4V18	7.50	.460(6.000)(	8.0)	2.000	(.850)(	.920)(	.200)(****)(	1.)	.443	.010	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1	4V19A	15.00	.460(6.000)(	8.0)	2.000	(.850)(	.920)(	.200)(****)(	1.)	.116	.004	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1	4V31B	3.00	.460(6.000)(	8.0)	2.000	(.850)(	.920)(	.200)(****)(	1.)	.722	.016	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1	4V32B	.75	.460(6.000)(	8.0)	2.000	(.850)(	.920)(	.200)(****)(	1.)	1.096	.024	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1	4V4	5.00	.460(6.000)(	8.0)	2.000	(.850)(	.920)(	.200)(****)(	1.)	.499	.011	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1	4V6A	7.50	.460(6.000)(	8.0)	2.000	(.850)(	.920)(	.200)(****)(	1.)	.320	.007	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1	4F20A/B	1.50	.460(6.000)(	8.0)	2.000	(.850)(	.920)(	.200)(****)(	1.)	.334	.011	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1	4P90A	2.00	.460(6.000)(	8.0)	2.000	(.850)(	.920)(	.200)(****)(	1.)	.681	.022	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1	4P90B	2.00	.460(6.000)(	8.0)	2.000	(.850)(	.920)(	.200)(****)(	1.)	.681	.022	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1	4P90C	2.00	.460(6.000)(	8.0)	2.000	(.850)(	.920)(	.200)(****)(	1.)	.681	.022	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
4	D10	3.00	.480 1.000	*******	*****	*****	*****	******	****	***	.919	.101	(1)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)

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T                                                  ****************
Y                                                  *  LOAD DATA   *
P                                                  ****************                                  0=ON
E                                                                                                   1=OFF
1 MOTOR    RATED    RATED LRA/     K1   SPEED OP PWR    OP     ST    R-OHMS  HOT     CABLE     CON          VOLTAGE DROP
  NAME      HP       KV   FLA    FACTOR 3.6K=1 FACTOR   EFF    PF     T-T   SYN=2  RES  REAC   FOR        CONDITION CODES
                                         <3.6K=2                              IND=1            S/C     (0=ON;1=OFF;2=STARTING)

2 GEN      RATED    RATED PU              X      X      X     X/R           ANG      CABLE     CON
  NAME      MVA      KV   OP              C&L    INT    GVD                 DEG    RES  REAC   FOR
                          VOLT                                                                  S/C

3 SYSTEM   S/C      X/R  PU      V/D   OHMS    % R/X  TRANSF REACT   REAC  ANG      CABLE     CON
   NAME    MVA           OP      MVA   FOR     FOR     MVA  -TOL    +TOL  DEG    RES  REAC   FOR
                         VOLT          REACT   REAC          OR     OR                        S/C
                                       OR Z%   OR %R        TRANSF TRANSF
                                       FOR     FOR           KV     TOL
                                      TRANSF  TRANSF
4 STATIC   RATED    RATED RATED                                                   CABLE     CON
  NAME      KVA      KV   PF                                                   RES  REAC   FOR
                                                                                            S/C  1  2  3  4  5  6  7  8  9 10 11
*****************************************************************************************************************************************
1 4XS75/7   20.00    .460(6.000)(    8.0) 2.000   .810 ( .920)(  .200)(****)( 1.)  .182   .020 (0) (0)(0)(0)(0)(0)(0)(0)(0)(0)(0)
4 STATICL  260.00    .480 1.000 ******* ***** ***** ***** ****** **** *** ( .000)( .000)(1) (0)(0)(0)(0)(0)(0)(0)(0)(0)(0)(0)
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                                                                                        JOB ID 3/08/91
                                        EBASCO SERVICES INCORPORATED                VERIFICATION BY ..........
                                           AUXSYS4078-12/31/89                            PAGE  24
                                        ELECTRICAL AUXILIARY DESIGN

                         BUS NAME             MIN  ALLOWABLE       MIN  ALLOWABLE
                                              VOLTAGE FOR S S    VOLTAGE WHEN STARTING  MAX  # WARNINGS FOR LOW VOLT
                                                                  OTHER MOTORS
                         4B07                   96.00  %              82.00  %                   30.0
T                                             ****************
Y                                             *  LOAD DATA  *
P                                             ****************
E                                                                                       0=ON
                                                                                        1=OFF
1 MOTOR     RATED     RATED  LRA/       K1    SPEED  OP PWR    OP      ST     R-OHMS  MOT      CABLE     CON              VOLTAGE DROP
  NAME      HP        KV     FLA      FACTOR  3.6K=1 FACTOR    EFF     PF     T-T     SYN=2  RES   REAC  FOR             CONDITION CODES
                                              <3.6K=2                                 IND=1              S/C      (0=ON;1=OFF;2=STARTING)

2 GEN       RATED     RATED  PU                  X       X       X      X/R           ANG      CABLE     CON
  NAME      MVA       KV     OP                  C&L     INT     GVD                  DEG    RES   REAC  FOR
                             VOLT                                                                        S/C

3 SYSTEM    S/C       X/R    PU         V/D    OHMS     % R/X  TRANSF  REACT   REAC   ANG      CABLE     CON
  NAME      MVA              OP         MVA    FOR      FOR    MVA     -TOL    +TOL   DEG    RES   REAC  FOR
                             VOLT              REACT    REAC           OR      OR                        S/C
                                               OR Z%   OR X%           TRANSF  TRANSF
                                               FOR      FOR            KV      TOL
                                               TRANSF   TRANSF

4 STATIC    RATED     RATED RATED                                                              CABLE     CON
  NAME      KVA       KV     PF                                                              RES   REAC  FOR
                                                                                                         S/C  1  2  3  4  5  6  7  8  9 10 11
**************************************************************************************************************************************************
1 E16F       36.00     .460(6.000)(    8.0) 2.000 ( .850)( .920)(  .200)(****)( 1.)  .056   .012 (0) (0)(0)(0)(0)(0)(0)(0)(0)(0)(0)(0)
1 4P203A     15.00     .460(6.000)(    8.0) 2.000 ( .850)( .920)(  .200)(****)( 1.)  .078   .014 (0) (0)(0)(0)(0)(0)(0)(0)(0)(0)(0)(0)
1 4V1A      100.00     .460 7.750 (    1.2) 2.000 ( .850)( .920)(  .200)(****)( 1.)  .014   .009 (0) (0)(0)(0)(0)(0)(0)(0)(0)(0)(0) 1
1 P207B       6.00     .460(6.000)(    8.0) 2.000 ( .850)( .920)(  .200)(****)( 1.)  .371   .008 (0)  1  1  1  1  1  1  1  1  1  1  1
1 4V2A       60.00     .460(6.000)(    1.2) 2.000 ( .850)( .920)(  .200)(****)( 1.)  .048   .021 (0) (0)(0)(0)(0)(0)(0)(0)(0)(0)(0)(0)
4 4D25        1.00     .480 1.000 *******   *****   *****   *****   ******  ****  ***    .048   .012 (1) (0)(0)(0)(0)(0)(0)(0)(0)(0)(0)(0)
4 STATICL     1.00     .480 1.000 *******   *****   *****   *****   ******  ****  *** ( .000)( .000)(1) (0)(0)(0)(0)(0)(0)(0)(0)(0)(0)(0)
1 MOV1426      .25     .460 4.900 (    8.0) 2.000    .850    .500     .600 (****)( 1.)  .425   .009 (0)  2 (0)(0)(0)(0) 1  1  1  1  1  1
1 MOV6386      .13     .460 7.100 (    8.0) 2.000    .850    .320     .600 (****)( 1.)  .758   .024 (0)  2 (0)(0)(0)(0) 1  1  1  1  1  1
1 MOV1401      .33     .460 7.300 (    8.0) 2.000    .850    .480     .600 (****)( 1.) 1.478   .032 (0)  2 (0)(0)(0)(0) 1  1  1  1  1  1
1 MOV880A     2.00     .460 3.700 (    8.0) 2.000    .850    .630     .600 (****)( 1.)  .300   .007 (0)  2 (0)(0)(0)(0) 1  1  1  1  1  1
1 MOV716A     1.30     .460 3.700 (    8.0) 2.000    .850    .600     .600 (****)( 1.)  .324   .007 (0)  2 (0)(0)(0)(0) 1  1  1  1  1  1
1 MOV744A    10.30     .460 7.200 (    8.0) 2.000    .850    .800     .600 (****)( 1.)  .476   .021 (0)  2 (0)(0)(0)(0) 1  1  1  1  1  1
1 MOV843A     1.58     .460 7.400 (    8.0) 2.000    .850    .500     .600 (****)( 1.)  .534   .012 (0)  2 (0)(0)(0)(0) 1  1  1  1  1  1
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JOB ID 3/08/91
VERIFICATION BY .....
PAGE 25

EBASCO SERVICES INCORPORATED
AUXSYS4078-12/31/89
ELECTRICAL AUXILIARY DESIGN

BUS NAME	MIN ALLOWABLE VOLTAGE FOR S S	MIN ALLOWABLE VOLTAGE WHEN STARTING OTHER MOTORS	MAX # WARNINGS FOR LOW VOLT
4B08	96.00 %	82.00 %	30.0

****
* LOAD DATA *
****

TYPE 1 — 0=ON 1=OFF

MOTOR NAME	RATED HP	RATED KV	LRA/ FLA	K1 FACTOR	SPEED 3.6K=1 <3.6K=2	OP PWR FACTOR	OP EFF	ST PF	R-OHMS T-T	HOT SYN=2 IND=1	CABLE RES	CABLE REAC	CON FOR S/C	VOLTAGE DROP CONDITION CODES (0=ON;1=OFF;2=STARTING)

TYPE 2

GEN NAME	RATED MVA	RATED KV	PU OP VOLT	X C&L	X INT	X GVD	X/R	ANG DEG	CABLE RES	CABLE REAC	CON FOR S/C

TYPE 3

SYSTEM NAME	S/C MVA	X/R	PU OP VOLT	V/D MVA	OHMS FOR REACT OR Z% FOR TRANSF	% R/X FOR REAC OR %R FOR TRANSF	TRANSF MVA	REACT -TOL OR TRANSF KV	REAC +TOL OR TRANSF TOL	ANG DEG	CABLE RES	CABLE REAC	CON FOR S/C

TYPE 4

STATIC NAME	RATED KVA	RATED KV	RATED PF	CABLE RES	CABLE REAC	CON FOR S/C	1	2	3	4	5	6	7	8	9	10	11
1 4V1B	100.00	.460	7.750 (1.2) 2.000 (.850)(.920)(.200)(****)(1.)	.012	.008	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	1
1 4V30A	30.00	.460	5.390 (8.0) 2.000 (.850)(.920)(.200)(****)(1.)	.063	.010	(0)	1	1	1	2	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1 4V3A	75.00	.460	6.060 (1.2) 2.000 (.850)(.920)(.200)(****)(1.)	.020	.013	(0)	1	1	1	1	1	1	2	(0)	(0)	(0)	(0)
1 S77A	5.00	.460	(6.000)(8.0) 2.000 (.850)(.920)(.200)(****)(1.)	.278	.009	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1 S78A	5.00	.460	(6.000)(8.0) 2.000 (.850)(.920)(.200)(****)(1.)	.270	.009	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1 S75A	5.00	.460	(6.000)(8.0) 2.000 (.850)(.920)(.200)(****)(1.)	.337	.011	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1 HS74A	60.00	.460	(6.000)(1.2) 2.000 (.850)(.920)(.200)(****)(1.)	.029	.013	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1 E16B/17	34.00	.460	(6.000)(8.0) 2.000 (.850)(.920)(.200)(****)(1.)	.199	.020	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1 V8A	40.00	.460	(6.000)(8.0) 2.000 (.850)(.920)(.200)(****)(1.)	.034	.008	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1 V10	10.00	.460	(6.000)(8.0) 2.000 (.850)(.920)(.200)(****)(1.)	.595	.013	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1 V29A	1.00	.460	(6.000)(8.0) 2.000 (.850)(.920)(.200)(****)(1.)	.306	.010	(0)	2	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1 V76/232	36.00	.460	(6.000)(8.0) 2.000 (.850)(.920)(.200)(****)(1.)	.089	.007	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
4 3D25A	18.70	.480	1.000 ******* ***** ***** ***** ****** **** ***	.017	.004	(1)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
4 3D02A	25.00	.480	1.000 ******* ***** ***** ***** ****** **** ***	.007	.003	(1)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
4 STATICL	1.00	.480	1.000 ******* ***** ***** ***** ****** **** *** (	.000)(	.000)(	1)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
1 MOV1404	.33	.460	3.600 (8.0) 2.000 .850 .290 .600 (****)(1.)	.361	.012	(0)	2	(0)	(0)	(0)	(0)	1	1	1	1	1	1
1 MOV1417	1.50	.460	5.700 (8.0) 2.000 .850 .500 .600 (****)(1.)	.368	.012	(0)	2	(0)	(0)	(0)	(0)	1	1	1	1	1	1
1 MOV6552	.13	.460	7.100 (8.0) 2.000 .850 .320 .600 (****)(1.)	.382	.012	(0)	2	(0)	(0)	(0)	(0)	1	1	1	1	1	1
1 MOV6543	.13	.460	7.100 (8.0) 2.000 .850 .320 .600 (****)(1.)	.336	.011	(0)	2	(0)	(0)	(0)	(0)	1	1	1	1	1	1

**********CHANGES TO LOAD DATA FOR VOLTAGE DROP CASE **********

DEVICE NAME		CASE: 1	2	3	4	5	6	7	8	9	10	11
1 HS74A	RATED HP	50.50	50.50	50.50	50.50	50.50	50.50	50.50	50.50	50.50	50.50	50.50
1 S78A	RATED HP	3.40	3.40	3.40	3.40	3.40	3.40	3.40	3.40	3.40	3.40	3.40
1 S77A	RATED HP	3.40	3.40	3.40	3.40	3.40	3.40	3.40	3.40	3.40	3.40	3.40

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EBASCO SERVICES INCORPORATED
AUXSYS4078-12/31/89
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BUS NAME	MIN ALLOWABLE VOLTAGE FOR S S	MIN ALLOWABLE VOLTAGE WHEN STARTING OTHER MOTORS	MAX # WARNINGS FOR LOW VOLT
4B50	96.00 %	82.00 %	30.0

****
* LOAD DATA *
****

TYPE	NAME	RATED HP	RATED KV	LRA/ FLA	K1 FACTOR	SPEED 3.6K=1 <3.6K=2	OP PWR FACTOR	OP EFF	ST PF	R-OHMS T-T	HOT SYN=2 IND=1	CABLE RES	CABLE REAC	0=ON 1=OFF CON FOR S/C	VOLTAGE DROP CONDITION CODES (0=ON;1=OFF;2=STARTING)
1	MOTOR NAME	RATED HP	RATED KV	LRA/ FLA	K1 FACTOR	SPEED 3.6K=1 <3.6K=2	OP PWR FACTOR	OP EFF	ST PF	R-OHMS T-T	HOT SYN=2 IND=1	CABLE RES	CABLE REAC	CON FOR S/C	VOLTAGE DROP CONDITION CODES (0=ON;1=OFF;2=STARTING)
2	GEN NAME	RATED MVA	RATED KV	PU OP VOLT		X C&L	X INT	X GVD	X/R		ANG DEG	CABLE RES	CABLE REAC	CON FOR S/C	
3	SYSTEM NAME	S/C MVA	X/R	PU OP VOLT	V/D MVA	OHMS FOR REACT OR Z% FOR TRANSF	% R/X FOR REAC OR %R FOR TRANSF	TRANSF MVA	REACT -TOL OR TRANSF KV	REAC +TOL OR TRANSF TOL	ANG DEG	CABLE RES	CABLE REAC	CON FOR S/C	
4	STATIC NAME	RATED KVA	RATED KV	RATED PF								CABLE RES	CABLE REAC	CON FOR S/C	

****

1	4P201C	150.00	.460	5.800	(1.2)	2.000	.900	(.920)	(.200)	(****)	(1.)	.014	.015	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)

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                                                   ELECTRICAL AUXILIARY DESIGN

                             BUS NAME                MIN  ALLOWABLE         MIN  ALLOWABLE
                                                     VOLTAGE FOR S S     VOLTAGE WHEN STARTING  MAX  # WARNINGS FOR LOW VOLT
                                                                           OTHER MOTORS
                             4851                       96.00  %              82.00  %                    30.0
T                                                    ****************
Y                                                    *  LOAD DATA  *
P                                                    ****************
E                                                                                                0=ON
                                                                                                 1=OFF
1 MOTOR     RATED     RATED LRA/        K1   SPEED OP PWR    OP     ST    R-OHMS  MOT     CABLE   CON            VOLTAGE DROP
  NAME       HP        KV   FLA      FACTOR 3.6K=1 FACTOR   EFF     PF     T-T   SYN=2  RES  REAC FOR          CONDITION CODES
                                            <3.6K=2                                IND=1           S/C       (0=ON;1=OFF;2=STARTING)

2 GEN       RATED     RATED PU                  X      X      X      X/R            ANG     CABLE   CON
  NAME       MVA       KV   OP                 C&L    INT    GVD                    DEG   RES  REAC FOR
                            VOLT                                                                   S/C

3 SYSTEM    S/C       X/R   PU       V/D    OHMS    % R/X  TRANSF REACT    REAC  ANG      CABLE   CON
  NAME       MVA            OP       MVA    FOR      FOR     MVA   -TOL    +TOL  DEG    RES  REAC FOR
                            VOLT            REACT    REAC            OR     OR                     S/C
                                            OR ZX  OR XR           TRANSF TRANSF
                                            FOR      FOR             KV    TOL
                                            TRANSF  TRANSF

4 STATIC    RATED     RATED RATED                                                         CABLE   CON
  NAME       KVA       KV    PF                                                         RES  REAC FOR
                                                                                                   S/C  1  2  3  4  5  6  7  8  9 10 11
*****************************************************************************************************************************************
1 4P244A     1.00     .460(6.000)(    8.0) 2.000 ( .850)( .920)(  .200)(****)( 1.)  .108   .003 (0)  2 (0)(0)(0)(0)(0)(0)(0)(0)(0)(0)
1 4V63A      2.00     .460(6.000)(    8.0) 2.000 ( .850)( .920)(  .200)(****)( 1.)  .059   .002 (0)  2 (0)(0)(0)(0)(0)(0)(0)(0)(0)(0)
1 4V70A       .50     .460(6.000)(    8.0) 2.000 ( .850)( .920)(  .200)(****)( 1.)  .112   .004 (0) (0)(0)(0)(0)(0)(0)(0)(0)(0)(0)(0)
1 4V65A      2.00     .460(6.000)(    8.0) 2.000 ( .850)( .920)(  .200)(****)( 1.)  .074   .002 (0) (0)(0)(0)(0)(0)(0)(0)(0)(0)(0)(0)
1 4V67A     40.00     .460(6.000)(    8.0) 2.000 ( .850)( .920)(  .200)(****)( 1.)  .009   .004 (0)  2 (0)(0)(0)(0)(0)(0)(0)(0)(0)(0)
1 4V64A      3.00     .460(6.000)(    8.0) 2.000 ( .850)( .920)(  .200)(****)( 1.)  .032   .001 (0) (0)(0)(0)(0)(0)(0)(0)(0)(0)(0)(0)
1 4P241A     1.00     .460(6.000)(    8.0) 2.000 ( .850)( .920)(  .200)(****)( 1.)  .219   .007 (0)  2 (0)(0)(0)(0)(0)(0)(0)(0)(0)(0)
1 4S226A    15.00     .460(6.000)(    8.0) 2.000 ( .850)( .920)(  .200)(****)( 1.)  .075   .008 (0)  2 (0)(0)(0)(0)(0)(0)(0)(0)(0)(0)
1 4V68A     40.00     .460(6.000)(    8.0) 2.000 ( .850)( .920)(  .200)(****)( 1.)  .010   .005 (0)  2 (0)(0)(0)(0)(0)(0)(0)(0)(0)(0)
1 4P245A      .75     .460(6.000)(    8.0) 2.000 ( .850)( .920)(  .200)(****)( 1.)  .108   .003 (0)  2 (0)(0)(0)(0)(0)(0)(0)(0)(0)(0)
1 4V69A     40.00     .460(6.000)(    8.0) 2.000 ( .850)( .920)(  .200)(****)( 1.)  .012   .005 (0)  2 (0)(0)(0)(0)(0)(0)(0)(0)(0)(0)
1 4S231A     9.50     .460(6.000)(    8.0) 2.000 ( .850)( .920)(  .200)(****)( 1.)  .078   .004 (0) (0)(0)(0)(0)(0)(0)(0)(0)(0)(0)(0)
1 4S230      7.00     .460(6.000)(    8.0) 2.000 ( .850)( .920)(  .200)(****)( 1.)  .124   .004 (0) (0)(0)(0)(0)(0)(0)(0)(0)(0)(0)(0)
4 STATICL    1.00     .480 1.000 *******  *****  *****  *****  ******  ****  *** ( .000)( .000)(1) (0)(0)(0)(0)(0)(0)(0)(0)(0)(0)(0)
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BUS NAME	MIN ALLOWABLE VOLTAGE FOR S S	MIN ALLOWABLE VOLTAGE WHEN STARTING OTHER MOTORS	MAX # WARNINGS FOR LOW VOLT
4AB1	96.00 %	82.00 %	30.0

****
* LOAD DATA *
****

TYPE	NAME	RATED HP / RATED MVA / RATED MVA	RATED KV	LRA/FLA / PU OP VOLT	K1 FACTOR / X C&L / V/D MVA	SPEED 3.6K=1 <3.6K=2 / OHMS FOR REACT OR Z% FOR TRANSF	OP PWR FACTOR / X INT / % R/X FOR REAC OR %R FOR TRANSF	OP EFF / X GVD / TRANSF MVA	ST PF / X/R / REACT -TOL OR TRANSF KV	R-OHMS T-T / REAC +TOL OR TRANSF TOL	HOT SYN=2 IND=1 / ANG DEG	CABLE RES REAC	0=ON 1=OFF CON FOR S/C	VOLTAGE DROP CONDITION CODES (0=ON;1=OFF;2=STARTING)
1	MOTOR NAME	RATED HP	RATED KV	LRA/FLA	K1 FACTOR	SPEED 3.6K=1 <3.6K=2	OP PWR FACTOR	OP EFF	ST PF	R-OHMS T-T	HOT SYN=2 IND=1	CABLE RES REAC	CON FOR S/C	VOLTAGE DROP CONDITION CODES (0=ON;1=OFF;2=STARTING)
2	GEN NAME	RATED MVA	RATED KV	PU OP VOLT	X C&L	X INT	X GVD	X/R			ANG DEG	CABLE RES REAC	CON FOR S/C	
3	SYSTEM NAME	S/C MVA	X/R	PU OP VOLT	V/D MVA	OHMS FOR REACT OR Z% FOR TRANSF	% R/X FOR REAC OR %R FOR TRANSF	TRANSF MVA	REACT -TOL OR TRANSF KV	REAC +TOL OR TRANSF TOL	ANG DEG	CABLE RES REAC	CON FOR S/C	
4	STATIC NAME	RATED KVA	RATED KV	RATED PF								CABLE RES REAC	CON FOR S/C	

1	4P200B	6000.00	4.000	6.320	(1.0)	2.000	(.850)	(.920)	(.200)	(****)	(1.)	.003	.010	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	2	(0)
1	4P200C	6000.00	4.000	6.320	(1.0)	2.000	(.850)	(.920)	(.200)	(****)	(1.)	.005	.014	1	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)

**********CHANGES TO LOAD DATA FOR VOLTAGE DROP CASE **********

DEVICE NAME		CASE: 1	2	3	4	5	6	7	8	9	10	11
1 4P200C	RATED HP	5061.00	5061.00	5061.00	5061.00	5061.00	5061.00	5061.00	5061.00	5061.00	5061.00	5061.00
1 4P200B	RATED HP	5061.00	5061.00	5061.00	5061.00	5061.00	5061.00	5061.00	5061.00	5061.00	6000.00	5061.00

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BUS NAME	MIN ALLOWABLE VOLTAGE FOR S S	MIN ALLOWABLE VOLTAGE WHEN STARTING OTHER MOTORS	MAX # WARNINGS FOR LOW VOLT
4AB2	96.00 %	82.00 %	30.0

****
* LOAD DATA *
****

TYPE																																			
1	MOTOR NAME	RATED HP	RATED KV	LRA/ FLA	K1 FACTOR	SPEED 3.6K=1 <3.6K=2	OP PWR FACTOR	OP EFF	ST PF	R-OHMS T-T	HOT SYN=2 IND=1	CABLE RES	CABLE REAC	0=ON 1=OFF CON FOR S/C	VOLTAGE DROP CONDITION CODES (0=ON;1=OFF;2=STARTING)																				
2	GEN NAME	RATED HVA	RATED KV	PU OP VOLT		X C&L	X INT	X GVD	X/R		ANG DEG	CABLE RES	CABLE REAC	CON FOR S/C																					
3	SYSTEM NAME	S/C HVA	X/R	PU OP VOLT	V/D HVA	OHMS FOR REACT OR Z% FOR TRANSF	% R/X FOR REAC OR %R FOR TRANSF	TRANSF HVA	REACT -TOL OR TRANSF KV	REAC +TOL OR TRANSF TOL	ANG DEG	CABLE RES	CABLE REAC	CON FOR S/C																					
4	STATIC NAME	RATED KVA	RATED KV	RATED PF								CABLE RES	CABLE REAC	CON FOR S/C	1	2	3	4	5	6	7	8	9	10	11										
1	4P11B	400.00	4.000	5.090	(1.2)	2.000	.850	.938	(.200)	(****)	(1.)	.025	.022	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)										
1	4P210B	300.00	4.000	6.220	(1.2)	2.000	.890	.934	(.200)	(****)	(1.)	.026	.023	(0)	1	2	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)										
1	4P211B	450.00	4.000	4.740	(1.2)	2.000	(.850)	(.920)	(.200)	(****)	(1.)	.030	.026	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)										
1	4P215B	350.00	4.000	6.400	(1.0)	1.000	.880	.940	(.200)	(****)	(1.)	.032	.028	(0)	1	2	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)										
1	4P3B	800.00	4.000	5.940	(1.2)	2.000	.890	.944	(.200)	(****)	(1.)	.023	.020	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)										
1	4P6B	2250.00	4.000	7.060	(1.0)	2.000	.900	.958	(.200)	(****)	(1.)	.003	.004	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)										
1	4P7D	1250.00	4.000	4.570	(1.0)	2.000	(.850)	(.920)	(.200)	(****)	(1.)	.027	.035	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)										
1	4P7B	1250.00	4.000	4.570	(1.0)	2.000	(.850)	(.920)	(.200)	(****)	(1.)	.027	.036	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)										
1	4P9B	325.00	4.000	5.800	(1.2)	2.000	.820	.928	(.200)	(****)	(1.)	.045	.040	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)										
2	DG4B	3.75	4.160	1.000	*******	.077	.145	.693	30.000	****	(0.)	.015	.050	1	1	1	1	1	1	1	1	1	1	1	1										

**********CHANGES TO LOAD DATA FOR VOLTAGE DROP CASE **********

DEVICE NAME		CASE: 1	2	3	4	5	6	7	8	9	10	11
1 4P6B	RATED HP	2210.00	2210.00	2210.00	2210.00	2210.00	2210.00	2210.00	2210.00	2210.00	2210.00	2210.00
1 4P3B	RATED HP	700.00	700.00	700.00	700.00	700.00	700.00	700.00	700.00	700.00	700.00	700.00

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BUS NAME	MIN ALLOWABLE VOLTAGE FOR S S	MIN ALLOWABLE VOLTAGE WHEN STARTING OTHER MOTORS	MAX # WARNINGS FOR LOW VOLT
4B02	96.00 %	82.00 %	30.0

****
* LOAD DATA *
****

TYPE																																			
1	MOTOR NAME	RATED HP	RATED KV	LRA/ FLA	K1 FACTOR	SPEED 3.6K=1 <3.6K=2	OP PWR FACTOR	OP EFF	ST PF	R-OHMS T-T	HOT SYM=2 IND=1	CABLE RES	CABLE REAC	0=ON 1=OFF CON FOR S/C	VOLTAGE DROP CONDITION CODES (0=ON;1=OFF;2=STARTING)																				
2	GEN NAME	RATED MVA	RATED KV	PU OP VOLT		X C&L	X INT	X GVD	X/R		ANG DEG	CABLE RES	CABLE REAC	CON FOR S/C																					
3	SYSTEM NAME	S/C MVA	X/R	PU OP VOLT	V/D MVA	OHMS FOR REACT OR Z% FOR TRANSF	% R/X FOR REAC OR %R FOR TRANSF	TRANSF MVA	REACT -TOL OR TRANSF KV	REAC +TOL OR TRANSF TOL	ANG DEG	CABLE RES	CABLE REAC	CON FOR S/C																					
4	STATIC NAME	RATED KVA	RATED KV	RATED PF								CABLE RES	CABLE REAC	CON FOR S/C	1	2	3	4	5	6	7	8	9	10	11										

****

1	4P201B	150.00	.460	5.800	(	1.2)	2.000	.900	.925	(	.200)	(****)	(1.)	.027	.029	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)								
1	4V1D	100.00	.460	7.750	(	1.2)	2.000	(.850)	(.920)	(	.200)	(****)	(1.)	.058	.039	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	1							

EBASCO SERVICES INCORPORATED
AUXSYS4078-12/31/89
ELECTRICAL AUXILIARY DESIGN

BUS NAME	MIN ALLOWABLE VOLTAGE FOR S S	MIN ALLOWABLE VOLTAGE WHEN STARTING OTHER MOTORS	MAX # WARNINGS FOR LOW VOLT
4B04	96.00 %	82.00 %	30.0

****
* LOAD DATA *
****

TYPE	NAME	RATED HP / RATED MVA / RATED KV / X/R	RATED KV	PU OP VOLT	LRA/FLA	K1 FACTOR	SPEED 3.6K=1 <3.6K=2	OP PWR FACTOR	OP EFF	ST PF	R-OHMS T-T	HOT SYN=2 IND=1	CABLE RES	CABLE REAC	0=ON 1=OFF CON FOR S/C	VOLTAGE DROP CONDITION CODES (0=ON;1=OFF;2=STARTING)
1	MOTOR NAME	RATED HP	RATED KV		LRA/FLA	K1 FACTOR	SPEED 3.6K=1 <3.6K=2	OP PWR FACTOR	OP EFF	ST PF	R-OHMS T-T	HOT SYN=2 IND=1	CABLE RES	CABLE REAC	CON FOR S/C	
2	GEN NAME	RATED MVA	RATED KV	PU OP VOLT			X C&L	X INT	X GVD	X/R		ANG DEG	CABLE RES	CABLE REAC	CON FOR S/C	
3	SYSTEM NAME	S/C MVA	X/R	PU OP VOLT	V/D MVA	OHMS FOR REACT OR Z% FOR TRANSF	% R/X FOR REAC OR %R FOR TRANSF	TRANSF HVA	REACT -TOL OR TRANSF KV	REAC +TOL OR TRANSF TOL		ANG DEG	CABLE RES	CABLE REAC	CON FOR S/C	
4	STATIC NAME	RATED KVA	RATED KV	RATED PF									CABLE RES	CABLE REAC	CON FOR S/C	

TYPE	NAME	RATED HP / RATED MVA / RATED KVA	RATED KV	PU OP VOLT / RATED PF	LRA/FLA	K1 FACTOR	SPEED 3.6K=1 <3.6K=2	OP PWR FACTOR	OP EFF	ST PF	R-OHMS T-T	HOT SYN=2 IND=1	CABLE RES	CABLE REAC	CON FOR S/C	1	2	3	4	5	6	7	8	9	10	11
1	4P214B	250.00	.460	6.540	(1.2)	1.000	.910	.940	.150	(****)	(1.)		.006	.012	(0)	1	1	2	(0)	(0)	(0)	(0)	(0)	(0)	(0)	2
1	4S7B	150.00	.460	(6.000)	(1.2)	2.000	(.850)	(.920)	(.200)	(****)	(1.)		.011	.012	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
4	PH4B13	150.00	.480	1.000	*******	*****	*****	*****	******	****	***		.005	.008	(1)	1	1	1	1	1	1	1	1	1	1	1

**********CHANGES TO LOAD DATA FOR VOLTAGE DROP CASE **********

DEVICE NAME		CASE: 1	2	3	4	5	6	7	8	9	10	11
1 4S7B	RATED HP	75.00	75.00	75.00	75.00	75.00	75.00	75.00	75.00	150.00	150.00	150.00

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BUS NAME	MIN ALLOWABLE VOLTAGE FOR S S	MIN ALLOWABLE VOLTAGE WHEN STARTING OTHER MOTORS	MAX # WARNINGS FOR LOW VOLT
4B54	90.00 %	80.00 %	30.0

****
* LOAD DATA *
****

TYPE																																									
1	MOTOR NAME	RATED HP	RATED KV	LRA/ FLA	K1 FACTOR	SPEED 3.6K=1 <3.6K=2	OP PWR FACTOR	OP EFF	ST PF	R-OHMS T-T	HOT SYN=2 IND=1	CABLE RES	CABLE REAC	0=ON 1=OFF CON FOR S/C	VOLTAGE DROP CONDITION CODES (0=ON;1=OFF;2=STARTING)																									
2	GEN NAME	RATED MVA	RATED KV	PU OP VOLT		X C&L	X INT	X GVD	X/R		ANG DEG	CABLE RES	CABLE REAC	CON FOR S/C																									
3	SYSTEM NAME	S/C MVA	X/R	PU OP VOLT	V/D MVA	OHMS FOR REACT OR Z% FOR TRANSF	% R/X FOR REAC OR %R FOR TRANSF	TRANSF MVA	REACT -TOL OR TRANSF KV	REAC +TOL OR TRANSF TOL	ANG DEG	CABLE RES	CABLE REAC	CON FOR S/C																									
4	STATIC NAME	RATED KVA	RATED KV	RATED PF								CABLE RES	CABLE REAC	CON FOR S/C	1	2	3	4	5	6	7	8	9	10	11															
1	HVACHP	18.00	.460	1.000	(8.0)	2.000	(.850)	(.920)	(.200)	(****)	(1.)	(.000)	(.000)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)																
4	HVACKW	27.00	.480	1.000	*******	*****	*****	*****	******	****	***	(.000)	(.000)	(1)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)																

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BUS NAME	MIN ALLOWABLE VOLTAGE FOR S S	MIN ALLOWABLE VOLTAGE WHEN STARTING OTHER MOTORS	MAX # WARNINGS FOR LOW VOLT
4B06	96.00 %	82.00 %	30.0

****
* LOAD DATA *
****

TYPE																																					
1	MOTOR NAME	RATED HP	RATED KV	LRA/ FLA	K1 FACTOR	SPEED 3.6K=1 <3.6K=2	OP PWR FACTOR	OP EFF	ST PF	R-OHMS T-T	HOT SYN=2 IND=1	CABLE RES	CABLE REAC	0=ON 1=OFF CON FOR S/C	VOLTAGE DROP CONDITION CODES (0=ON;1=OFF;2=STARTING)																					
2	GEN NAME	RATED MVA	RATED KV	PU OP VOLT		X C&L	X INT	X GVD	X/R		ANG DEG	CABLE RES	CABLE REAC	CON FOR S/C																						
3	SYSTEM NAME	S/C MVA	X/R	PU OP VOLT	V/D MVA	OHMS FOR REACT OR Z% FOR TRANSF	% R/X FOR REAC OR %R FOR TRANSF	TRANSF MVA	REACT -TOL OR TRANSF KV	REAC +TOL OR TRANSF TOL	ANG DEG	CABLE RES	CABLE REAC	CON FOR S/C																						
4	STATIC NAME	RATED KVA	RATED KV	RATED PF								CABLE RES	CABLE REAC	CON FOR S/C	1	2	3	4	5	6	7	8	9	10	11												
1	4P203B	15.00	.460	(6.000)(	8.0)	2.000	(.850)(	.920)(	.200)(****	)(1.)	.135	.032	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)												
1	E16A/17	34.00	.460	(6.000)(	8.0)	2.000	(.850)(	.920)(	.200)(****	)(1.)	.075	.007	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)												
1	4V20	20.00	.460	(6.000)(	8.0)	2.000	(.850)(	.920)(	.200)(****	)(1.)	.194	.010	1	1	1	1	1	1	1	1	1	1	1	1	1												
1	4V19B	15.00	.460	(6.000)(	8.0)	2.000	(.850)(	.920)(	.200)(****	)(1.)	.454	.014	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)												
1	4V2B	60.00	.460	(6.000)(	1.2)	2.000	(.850)(	.920)(	.200)(****	)(1.)	.067	.025	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)												
1	4V30C	30.00	.460	5.390 (	8.0)	2.000	(.850)(	.920)(	.200)(****	)(1.)	.231	.030	(0)	1	1	2	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)												
1	4V3C	75.00	.460	6.060 (	1.2)	2.000	(.850)(	.920)(	.200)(****	)(1.)	.043	.029	(0)	1	1	1	1	1	2	(0)	(0)	(0)	(0)	(0)													
1	4V9	20.00	.460	(6.000)(	8.0)	2.000	(.850)(	.920)(	.200)(****	)(1.)	.217	.011	1	1	1	1	1	1	1	1	1	1	1	1	1												
1	4V36	2.00	.460	(6.000)(	8.0)	2.000	(.850)(	.920)(	.200)(****	)(1.)	.847	.018	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)												
4	4D02	25.00	.480	1.000	*******	*****	*****	*****	******	****	***	.017	.012	(1)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)												
4	STATICL	10.00	.480	1.000	*******	*****	*****	*****	******	****	***	(.000)(	.000)	(1)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)												
1	MOV381	.42	.460	5.200 (	8.0)	2.000	.850	.490	.600 (****	)(1.)	.700	.015	(0)	2	(0)	(0)	(0)	(0)	1	1	1	1	1	1													
1	MOV626	1.00	.460	5.700 (	8.0)	2.000	.850	.390	.600 (****	)(1.)	.778	.017	(0)	2	(0)	(0)	(0)	(0)	1	1	1	1	1	1													
1	MOV716B	1.30	.460	3.700 (	8.0)	2.000	.850	.600	.600 (****	)(1.)	.491	.016	(0)	2	(0)	(0)	(0)	(0)	1	1	1	1	1	1													
1	MOV730	1.30	.460	3.700 (	8.0)	2.000	.850	.600	.600 (****	)(1.)	.711	.015	(0)	2	(0)	(0)	(0)	(0)	1	1	1	1	1	1													
1	MOV744B	10.50	.460	7.200 (	8.0)	2.000	.850	.800	.600 (****	)(1.)	.493	.017	(0)	2	(0)	(0)	(0)	(0)	1	1	1	1	1	1													
1	MOV843B	1.58	.460	7.400 (	8.0)	2.000	.850	.500	.600 (****	)(1.)	.689	.015	(0)	2	(0)	(0)	(0)	(0)	1	1	1	1	1	1													
1	MOV880B	2.00	.460	3.700 (	8.0)	2.000	.850	.630	.600 (****	)(1.)	.678	.015	(0)	2	(0)	(0)	(0)	(0)	1	1	1	1	1	1													
1	MOV1402	.33	.460	7.300 (	8.0)	2.000	.850	.480	.600 (****	)(1.)	.660	.014	(0)	2	(0)	(0)	(0)	(0)	1	1	1	1	1	1													
1	MOV1418	1.50	.460	5.700 (	8.0)	2.000	.850	.500	.600 (****	)(1.)	.586	.019	(0)	2	(0)	(0)	(0)	(0)	1	1	1	1	1	1													
1	MOV1421	5.20	.460	5.600 (	8.0)	2.000	.850	.540	.600 (****	)(1.)	.731	.016	(0)	2	(0)	(0)	(0)	(0)	1	1	1	1	1	1													
1	MOV1425	.25	.460	4.900 (	8.0)	2.000	.850	.500	.600 (****	)(1.)	.970	.021	(0)	2	(0)	(0)	(0)	(0)	1	1	1	1	1	1													

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                         BUS NAME                  MIN  ALLOWABLE        MIN  ALLOWABLE
                                                   VOLTAGE FOR S S     VOLTAGE WHEN STARTING  MAX  # WARNINGS FOR LOW VOLT
                                                                         OTHER MOTORS
                           4B52                       96.00  %              82.00  %                     30.0
T                                                  ****************
Y                                                  *  LOAD DATA  *
P                                                  ****************
E                                                                                          0=ON
                                                                                           1=OFF
1 MOTOR     RATED      RATED LRA/        K1    SPEED OP PWR     OP       ST     R-OHMS  MOT      CABLE      CON              VOLTAGE DROP
  NAME      HP         KV    FLA      FACTOR 3.6K=1 FACTOR     EFF      PF     T-T    SYN=2  RES  REAC    FOR            CONDITION CODES
                                             <3.6K=2                                  IND=1                 S/C        (0=ON;1=OFF;2=STARTING)

2 GEN       RATED      RATED PU                X       X        X       X/R             ANG      CABLE      CON
  NAME      MVA        KV    OP               C&L     INT      GVD                      DEG    RES  REAC    FOR
                             VOLT                                                                           S/C

3 SYSTEM    S/C        X/R   PU          V/D    OHMS     % R/X   TRANSF REACT    REAC  ANG      CABLE      CON
  NAME      MVA              OP          MVA    FOR      FOR      MVA   -TOL     +TOL  DEG    RES  REAC    FOR
                             VOLT               REACT    REAC           OR       OR                         S/C
                                                OR Z%   OR %R          TRANSF   TRANSF
                                                FOR      FOR             KV      TOL
                                               TRANSF   TRANSF

4 STATIC    RATED      RATED RATED                                                              CABLE      CON
  NAME      KVA        KV    PF                                                               RES  REAC    FOR
                                                                                                            S/C  1  2  3  4  5  6  7  8  9 10 11
***********************************************************************************************************************************************
1 4P244B     1.00     .460(6.000)(     8.0) 2.000 ( .850)( .920)(  .200)(****)( 1.)  .118    .004 (0)  2 (0)(0)(0)(0)(0)(0)(0)(0)(0)(0)
1 4V63B      2.00     .460(6.000)(     8.0) 2.000 ( .850)( .920)(  .200)(****)( 1.)  .056    .002 (0) (0)(0)(0)(0)(0)(0)(0)(0)(0)(0)(0)
1 4V70B       .50     .460(6.000)(     8.0) 2.000 ( .850)( .920)(  .200)(****)( 1.)  .143    .005 (0) (0)(0)(0)(0)(0)(0)(0)(0)(0)(0)(0)
1 4V65B      2.00     .460(6.000)(     8.0) 2.000 ( .850)( .920)(  .200)(****)( 1.)  .065    .002 (0) (0)(0)(0)(0)(0)(0)(0)(0)(0)(0)(0)
1 4V67B     40.00     .460(6.000)(     8.0) 2.000 ( .850)( .920)(  .200)(****)( 1.)  .008    .004 (0)  2 (0)(0)(0)(0)(0)(0)(0)(0)(0)(0)
1 4V64B      3.00     .460(6.000)(     8.0) 2.000 ( .850)( .920)(  .200)(****)( 1.)  .032    .001 (0) (0)(0)(0)(0)(0)(0)(0)(0)(0)(0)(0)
1 4P241B     1.00     .460(6.000)(     8.0) 2.000 ( .850)( .920)(  .200)(****)( 1.)  .243    .008 (0)  2 (0)(0)(0)(0)(0)(0)(0)(0)(0)(0)
1 4S226B    15.00     .460(6.000)(     8.0) 2.000 ( .850)( .920)(  .200)(****)( 1.)  .051    .006 (0)  2 (0)(0)(0)(0)(0)(0)(0)(0)(0)(0)
1 4V68B     40.00     .460(6.000)(     8.0) 2.000 ( .850)( .920)(  .200)(****)( 1.)  .010    .005 (0)  2 (0)(0)(0)(0)(0)(0)(0)(0)(0)(0)
1 4P245B      .75     .460(6.000)(     8.0) 2.000 ( .850)( .920)(  .200)(****)( 1.)  .118    .004 (0)  2 (0)(0)(0)(0)(0)(0)(0)(0)(0)(0)
1 4V69B     40.00     .460(6.000)(     8.0) 2.000 ( .850)( .920)(  .200)(****)( 1.)  .011    .005 (0)  2 (0)(0)(0)(0)(0)(0)(0)(0)(0)(0)
1 4S231B     9.50     .460(6.000)(     8.0) 2.000 ( .850)( .920)(  .200)(****)( 1.)  .083    .004 (0) (0)(0)(0)(0)(0)(0)(0)(0)(0)(0)(0)
4 STATICL    1.00     .480 1.000 *******  *****  *****  *****  ******  ****  *** ( .000)( .000)(1) (0)(0)(0)(0)(0)(0)(0)(0)(0)(0)(0)
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                              BUS NAME                 MIN  ALLOWABLE           MIN  ALLOWABLE
                                                       VOLTAGE FOR S S        VOLTAGE WHEN STARTING  MAX  # WARNINGS FOR LOW VOLT
                                                                                 OTHER MOTORS
                              2BUS114                    ( 90.00) %                ( 70.70) %                  ( 5.0)
T                                                      ****************
Y                                                      *  LOAD DATA  *
P                                                      ****************                              0=ON
E                                                                                                    1=OFF
1 MOTOR      RATED    RATED LRA/      K1   SPEED OP PWR    OP      ST    R-OHMS  MOT     CABLE      CON            VOLTAGE DROP
  NAME        HP       KV   FLA    FACTOR 3.6K=1 FACTOR   EFF      PF     T-T   SYN=2  RES  REAC    FOR          CONDITION CODES
                                          <3.6K=2                                IND=1               S/C       (0=ON;1=OFF;2=STARTING)

2 GEN        RATED    RATED PU                   X      X       X      X/R           ANG     CABLE      CON
  NAME        MVA      KV   OP                  C&L    INT     GVD                   DEG   RES  REAC    FOR
                            VOLT                                                                        S/C

3 SYSTEM      S/C     X/R   PU        V/D  OHMS    % R/X  TRANSF REACT    REAC  ANG     CABLE      CON
  NAME        MVA           OP        MVA  FOR     FOR     MVA   -TOL     +TOL  DEG   RES  REAC    FOR
                            VOLT           REACT   REAC           OR       OR                       S/C
                                           OR Z%  OR %R          TRANSF  TRANSF
                                           FOR     FOR            KV      TOL
                                           TRANSF  TRANSF
4 STATIC     RATED    RATED RATED                                                          CABLE      CON
  NAME        KVA      KV    PF                                                          RES  REAC    FOR
                                                                                                      S/C  1  2  3  4  5  6  7  8  9 10 11
*************************************************************************************************************************************************
3 SWICHYD15000.00  19.000 1.008   4435.0    .000     .000     .000 (  .000)(  .0)( 0.)( .000)( .000)(0) (0)(0)(0)(0)(0)(0)(0)(0)(0)(0)(0)
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BUS TIE CONNECTION DATA

```
T  (NOTE: "C"=CABLE "T"=TRANSFORMER "R"=REACTOR ***=IMP  FOR 3-WIND  **=IMP  FOR 2-WIND )
Y
P TIE  BUS OR  BUS OR  TERM NAME
E NAME  TERM    TERM   AWAY FROM
        NAME    NAME    CENTRAL
       TOWARD   AWAY    TRANSF
       CENTRAL  FROM    (USE THIS
       TRANSF  CENTRAL  COL  FOR
               TRANSF   3 -WIND
                         TRANSF )
C                                CABLE    CABLE
                                 RESIS    REAC

T       (A)      (B)      (C)    TRANSF  TERM (A) TERM (B) TERM (C) TRANSF
                                 RATED   RATED    RATED    RATED    TOL
                                  MVA     VOLT     VOLT     VOLT     %

R                                CABLE    CABLE    OHMS    REACTOR  +TOL    -TOL
                                 RESIS    REAC      X       X/R     FOR     FOR
                                                                    S/C     V/D
*****************************************************************************************************************************
C TRLIN H1      2BUS114          ( .000)  ( .000)
C NONSG X1      4AA1               .001     .002
C NONSG Y1      4AB1               .001     .002
T 4X03  H1      X1      Y1       40.000  233.000    4.160   4.160    .000
***   ZH-X=16.640 %  RH-X=  .670 %  ZH-Y=16.640 %  RH-Y=  .670 %  ZX-Y=29.890 %  RX-Y= 1.190 %
R 4AA2  4AA1    4AA2             ( .000)  ( .000)     .04    80.0  (  .00) (  .00)
C 4AD   4AB2    4AD                .012     .028
C 4B01  X2      4B01             ( .000)  ( .000)
C 4B03  X4      4B03             ( .000)  ( .000)
C 4B05V 4B01    4B05V              .002     .004
C 4B05N 4B01    4B05N              .005     .005
C 4B07  4B03    4B07               .004     .007
C 4B08  4B50    4B08               .000     .001
C 4B50  4B03    4B50               .003     .005
C 4B51  4B01    4B51               .011     .022
C 4X04  4AA2    H2                 .004     .003
T 4X04  H2      X2                1.000    4.050     .480    .000   2.500
**    ZH-X= 5.630 %  RH-X=  .544 %
C 4X06  4AA2    H4                 .002     .002
T 4X06  H4      X4                1.000    4.050     .480    .000   2.500
**    ZH-X= 5.610 %  RH-X=  .544 %
R 4AB2  4AB1    4AB2             ( .000)  ( .000)     .04    80.0  (  .00) (  .00)
C 4B02  X3      4B02             ( .000)  ( .000)
C 4B04  X5      4B04             ( .000)  ( .000)
C 4B06  4B02    4B06               .002     .005
C 4B52  4B04    4B52               .012     .024
T 4X05  H3      X3                1.000    4.050     .480    .000   2.500
**    ZH-X= 5.610 %  RH-X=  .544 %
C 4X05  4AB2    H3                 .003     .003
C 4X07  4AB2    H5                 .004     .003
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BUS TIE CONNECTION DATA

T (NOTE: "C"=CABLE "T"=TRANSFORMER "R"=REACTOR ***=IMP FOR 3-WIND **=IMP FOR 2-WIND)
Y

P E	TIE NAME	BUS OR TERM NAME TOWARD CENTRAL TRANSF	BUS OR TERM NAME AWAY FROM CENTRAL TRANSF	TERM NAME AWAY FROM CENTRAL TRANSF (USE THIS COL FOR 3 -WIND TRANSF)					
C					CABLE RESIS	CABLE REAC			
T		(A)	(B)	(C)	TRANSF RATED MVA	TERM (A) RATED VOLT	TERM (B) RATED VOLT	TERM (C) RATED VOLT	TRANSF TOL %
R					CABLE RESIS	CABLE REAC	OHMS X	REACTOR X/R	+TOL FOR S/C	-TOL FOR V/D

****

C	4B53	4B01	4B53	.002	.002			
C	4B54	4B04	4B54	.003	.003			
T	4X07	H5	X5	1.000	4.055	.480	.000	2.500

** ZH-X= 5.650 % RH-X= .544 %

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SHORT CIRCUIT ANALYSIS

NOTE:
TYPE 1 FAULT= MEDIUM VOLTAGE FAULT CALCULATION
TYPE 2 FAULT= LOW VOLTAGE POWER CIRCUIT BREAKER FAULT CALCULATION
TYPE 3 FAULT= LOW VOLTAGE MOLDED CASE BREAKER FAULT CALCULATION

BASE MVA = 40.000

TYPE OF FAULT	FAULT BUS NAME	PER UNIT RESISTANCE	PER UNIT INT REACTANCE	PER UNIT C&L REACTANCE	X/R	INT KA	C&L KA	K3	K4	K5	BASE VOLTAGE (KV)
1	4AA1	.00526	.14068	.12711	24.0	42.7	69.9	1.08			4.160
1	4AA2	.00609	.21227	.18787	30.4	29.9	47.3	1.14			4.160
1	4AD	.03314	.27664	.25026	7.4	20.1	35.5	1.00			4.160
2	4B01	.17159	1.67698		9.8	28.8			1.06		.493
2	4B03	.18088	1.71539		9.5	28.0			1.06		.493
3	4B05V	.45909	2.25353		4.9	19.8				1.00	.493
3	4B05N	.89133	2.45691		2.8	17.4				1.00	.493
3	4B07	.64956	2.71846		4.2	16.3				1.00	.493
3	4B08	.48276	2.38282		4.9	18.8				1.00	.493
2	4B50	.44578	2.28260		5.1	19.6			1.00		.493
1	4AB1	.00550	.14221	.12859	23.2	41.9	69.1	1.07			4.160
1	4AB2	.00629	.21348	.18845	29.5	29.5	47.1	1.13			4.160
2	4B02	.19808	1.91235		9.7	25.2			1.06		.493
2	4B04	.18347	1.91026		10.4	25.6			1.07		.492
3	4B06	.54852	2.58050		4.7	17.3				1.00	.493
3	4B52	1.52249	5.17747		3.4	8.5				1.00	.492
3	4B51	1.42220	4.68731		3.3	9.3				1.00	.493
3	4B53	.46717	2.00548		4.3	22.1				1.00	.493
3	4B54	.62770	2.38762		3.8	18.5				1.00	.492

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NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
2BUS114	***PRIOR****	233.876KV=100.4% OF233.000KV	.0	.0	.0	.0
2BUS114	***DURING***	233.769KV=100.3% OF233.000KV	.0	.0	.0	.0
2BUS114	***AFTER****	233.860KV=100.4% OF233.000KV	.0	.0	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4AA1	***PRIOR****	4.026KV= 96.8% OF 4.160KV	4109.3	2559.5	.0	.0
4AA1	***DURING***	4.004KV= 96.3% OF 4.160KV	4109.3	2559.5	.0	.0
4AA1	***AFTER****	4.023KV= 96.7% OF 4.160KV	4109.3	2559.5	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4AB1	***PRIOR****	3.976KV= 95.6% OF 4.160KV	8219.6	5120.4	.0	.0
4AB1	***DURING***	3.955KV= 95.1% OF 4.160KV	8219.6	5120.4	.0	.0
4AB1	***AFTER****	3.973KV= 95.5% OF 4.160KV	8219.6	5120.4	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4AA2	***PRIOR****	3.987KV= 95.8% OF 4.160KV	5252.9	2987.7	.0	.0
4AA2	***DURING***	3.957KV= 95.1% OF 4.160KV	5252.9	2987.7	.0	.0
4AA2	***AFTER****	3.983KV= 95.7% OF 4.160KV	5252.9	2987.7	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4AD	***PRIOR****	3.934KV= 94.6% OF 4.160KV	626.9	409.2	.0	.0
4AD	***DURING***	3.904KV= 93.8% OF 4.160KV	626.9	409.2	.0	.0
4AD	***AFTER****	3.930KV= 94.5% OF 4.160KV	626.9	409.2	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B01	***PRIOR****	.463KV= 93.9% OF .493KV	245.7	137.3	.0	.0
4B01	***DURING***	.438KV= 88.8% OF .493KV	245.7	137.3	.0	.0
4B01	***AFTER****	.460KV= 93.3% OF .493KV	245.7	137.3	.0	.0

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NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B03	***PRIOR****	.459KV=	93.1% OF	.493KV	83.0	51.6	272.3	2.4
4B03	***DURING***	.451KV=	91.5% OF	.493KV	83.0	51.6	263.6	2.4
4B03	***AFTER****	.458KV=	92.8% OF	.493KV	83.0	51.6	271.1	2.4

NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B05V	***PRIOR****	.462KV=	93.8% OF	.493KV	82.6	51.3	.9	.0
4B05V	***DURING***	.437KV=	88.6% OF	.493KV	112.6	83.8	.8	.0
4B05V	***AFTER****	.459KV=	93.1% OF	.493KV	90.9	56.3	.9	.0

STARTING MOTOR NAME	HP				
MOV1420***PRIOR****	.0	.000KV=	.0% OF	.460 KV	* MOTOR NOT STARTED YET *
MOV1420***DURING***	5.2	.394KV=	85.6% OF	.460 KV	
MOV1420***AFTER****	5.2	.448KV=	97.3% OF	.460 KV	

STARTING MOTOR NAME	HP				
MOV1400***PRIOR****	.0	.000KV=	.0% OF	.460 KV	* MOTOR NOT STARTED YET *
MOV1400***DURING***	.3	.433KV=	94.1% OF	.460 KV	
MOV1400***AFTER****	.3	.458KV=	99.6% OF	.460 KV	

STARTING MOTOR NAME	HP				
MOV1427***PRIOR****	.0	.000KV=	.0% OF	.460 KV	* MOTOR NOT STARTED YET *
MOV1427***DURING***	.3	.433KV=	94.2% OF	.460 KV	
MOV1427***AFTER****	.3	.458KV=	99.6% OF	.460 KV	

NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B05N	***PRIOR****	.460KV=	93.2% OF	.493KV	62.8	40.1	241.2	.0
4B05N	***DURING***	.435KV=	88.1% OF	.493KV	62.8	40.1	215.5	.0
4B05N	***AFTER****	.456KV=	92.6% OF	.493KV	62.8	40.1	237.8	.0

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NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B07	***PRIOR****	.456KV= 92.4% OF	.493KV	172.8	106.8	1.8	.0
4B07	***DURING***	.446KV= 90.5% OF	.493KV	246.9	189.7	1.7	.0
4B07	***AFTER****	.454KV= 92.1% OF	.493KV	190.3	117.5	1.8	.0

STARTING MOTOR NAME	HP			
MOV1426***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *
MOV1426***DURING***	.3	.445KV= 96.7% OF	.460 KV	
MOV1426***AFTER****	.3	.454KV= 98.7% OF	.460 KV	

STARTING MOTOR NAME	HP			
MOV6386***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *
MOV6386***DURING***	.1	.444KV= 96.4% OF	.460 KV	
MOV6386***AFTER****	.1	.454KV= 98.6% OF	.460 KV	

STARTING MOTOR NAME	HP			
MOV1401***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *
MOV1401***DURING***	.3	.438KV= 95.1% OF	.460 KV	
MOV1401***AFTER****	.3	.453KV= 98.4% OF	.460 KV	

STARTING MOTOR NAME	HP			
MOV880A***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *
MOV880A***DURING***	2.0	.442KV= 96.1% OF	.460 KV	
MOV880A***AFTER****	2.0	.453KV= 98.4% OF	.460 KV	

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STARTING MOTOR NAME	HP				
HOV716A***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *	
HOV716A***DURING***	1.3	.443KV= 96.3% OF	.460 KV		
HOV716A***AFTER****	1.3	.453KV= 98.5% OF	.460 KV		
STARTING MOTOR NAME	HP				
HOV744A***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *	
HOV744A***DURING***	10.3	.396KV= 86.2% OF	.460 KV		
HOV744A***AFTER****	10.3	.444KV= 96.5% OF	.460 KV		
STARTING MOTOR NAME	HP				
HOV843A***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *	
HOV843A***DURING***	1.6	.432KV= 93.9% OF	.460 KV		
HOV843A***AFTER****	1.6	.451KV= 98.1% OF	.460 KV		

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B08	***PRIOR****	.454KV= 92.0% OF	.493KV	231.8	142.6	39.9	.0
4B08	***DURING***	.446KV= 90.4% OF	.493KV	246.3	165.2	38.5	.0
4B08	***AFTER****	.453KV= 91.8% OF	.493KV	236.3	145.4	39.7	.0

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

	HP			
E16B/17***PRIOR****	34.0	.441KV= 95.9% OF	.460 KV	* WARNING WARNING WARNING *
E16B/17***DURING***	34.0	.433KV= 94.1% OF	.460 KV	* WARNING WARNING WARNING *
E16B/17***AFTER****	34.0	.440KV= 95.6% OF	.460 KV	* WARNING WARNING WARNING *
STARTING MOTOR NAME	HP			
V29A ***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *
V29A ***DURING***	1.0	.445KV= 96.7% OF	.460 KV	
V29A ***AFTER****	1.0	.452KV= 98.3% OF	.460 KV	

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STARTING MOTOR NAME	HP				
HOV1404***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *	
HOV1404***DURING***	.3	.444KV= 96.5% OF	.460 KV		
HOV1404***AFTER****	.3	.452KV= 98.2% OF	.460 KV		
STARTING MOTOR NAME	HP				
HOV1417***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *	
HOV1417***DURING***	1.5	.438KV= 95.3% OF	.460 KV		
HOV1417***AFTER****	1.5	.451KV= 98.0% OF	.460 KV		
STARTING MOTOR NAME	HP				
HOV6552***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *	
HOV6552***DURING***	.1	.444KV= 96.6% OF	.460 KV		
HOV6552***AFTER****	.1	.452KV= 98.3% OF	.460 KV		
STARTING MOTOR NAME	HP				
HOV6543***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *	
HOV6543***DURING***	.1	.445KV= 96.7% OF	.460 KV		
HOV6543***AFTER****	.1	.452KV= 98.3% OF	.460 KV		

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B50	***PRIOR****	.454KV= 92.1% OF	.493KV	122.8	60.2	.0	.0
4B50	***DURING***	.446KV= 90.5% OF	.493KV	122.8	60.2	.0	.0
4B50	***AFTER****	.453KV= 91.9% OF	.493KV	122.8	60.2	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B51	***PRIOR****	.462KV= 93.8% OF	.493KV	17.9	11.1	.9	.0
4B51	***DURING***	.401KV= 81.4% OF	.493KV	145.6	601.2	.7	.0
4B51	***AFTER****	.453KV= 91.8% OF	.493KV	131.5	81.4	.9	.0

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STARTING MOTOR NAME		HP				
4P244A	***PRIOR****	.0	.000KV=	.0% OF	.460 KV	* MOTOR NOT STARTED YET *
4P244A	***DURING***	1.0	.401KV=	87.1% OF	.460 KV	
4P244A	***AFTER****	1.0	.453KV=	98.4% OF	.460 KV	
STARTING MOTOR NAME		HP				
4V63A	***PRIOR****	.0	.000KV=	.0% OF	.460 KV	* MOTOR NOT STARTED YET *
4V63A	***DURING***	2.0	.401KV=	87.1% OF	.460 KV	
4V63A	***AFTER****	2.0	.453KV=	98.4% OF	.460 KV	
STARTING MOTOR NAME		HP				
4V67A	***PRIOR****	.0	.000KV=	.0% OF	.460 KV	* MOTOR NOT STARTED YET *
4V67A	***DURING***	40.0	.399KV=	86.6% OF	.460 KV	
4V67A	***AFTER****	40.0	.452KV=	98.3% OF	.460 KV	
STARTING MOTOR NAME		HP				
4P241A	***PRIOR****	.0	.000KV=	.0% OF	.460 KV	* MOTOR NOT STARTED YET *
4P241A	***DURING***	1.0	.401KV=	87.1% OF	.460 KV	
4P241A	***AFTER****	1.0	.452KV=	98.4% OF	.460 KV	
STARTING MOTOR NAME		HP				
4S226A	***PRIOR****	.0	.000KV=	.0% OF	.460 KV	* MOTOR NOT STARTED YET *
4S226A	***DURING***	15.0	.397KV=	86.4% OF	.460 KV	
4S226A	***AFTER****	15.0	.451KV=	98.0% OF	.460 KV	
STARTING MOTOR NAME		HP				
4V68A	***PRIOR****	.0	.000KV=	.0% OF	.460 KV	* MOTOR NOT STARTED YET *
4V68A	***DURING***	40.0	.398KV=	86.6% OF	.460 KV	
4V68A	***AFTER****	40.0	.452KV=	98.2% OF	.460 KV	

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STARTING MOTOR NAME		HP				
4P245A	***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *	
4P245A	***DURING***	.8	.401KV= 87.2% OF	.460 KV		
4P245A	***AFTER****	.8	.453KV= 98.4% OF	.460 KV		

STARTING MOTOR NAME		HP				
4V69A	***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *	
4V69A	***DURING***	40.0	.398KV= 86.5% OF	.460 KV		
4V69A	***AFTER****	40.0	.452KV= 98.2% OF	.460 KV		

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4AB2	***PRIOR****	3.938KV= 94.7% OF	4.160KV	5252.4	2987.2	.0	.0
4AB2	***DURING***	3.908KV= 93.9% OF	4.160KV	5252.4	2987.2	.0	.0
4AB2	***AFTER****	3.934KV= 94.6% OF	4.160KV	5252.4	2987.2	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B02	***PRIOR****	.461KV= 93.4% OF	.493KV	206.9	113.0	.0	.0
4B02	***DURING***	.452KV= 91.8% OF	.493KV	206.9	113.0	.0	.0
4B02	***AFTER****	.460KV= 93.2% OF	.493KV	206.9	113.0	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B04	***PRIOR****	.464KV= 94.3% OF	.492KV	61.1	38.0	.0	.0
4B04	***DURING***	.441KV= 89.5% OF	.492KV	61.1	38.0	.0	.0
4B04	***AFTER****	.461KV= 93.7% OF	.492KV	61.1	38.0	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B06	***PRIOR****	.459KV= 93.2% OF	.493KV	104.2	63.8	32.0	.0
4B06	***DURING***	.449KV= 91.0% OF	.493KV	229.3	203.4	30.6	.0
4B06	***AFTER****	.458KV= 92.9% OF	.493KV	135.4	82.8	31.8	.0

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STARTING MOTOR NAME	HP				
MOV381 ***PRIOR****	.0	.000KV=	.0% OF	.460 KV	* MOTOR NOT STARTED YET *
MOV381 ***DURING***	.4	.445KV=	96.8% OF	.460 KV	
MOV381 ***AFTER****	.4	.457KV=	99.3% OF	.460 KV	
STARTING MOTOR NAME	HP				
MOV626 ***PRIOR****	.0	.000KV=	.0% OF	.460 KV	* MOTOR NOT STARTED YET *
MOV626 ***DURING***	1.0	.436KV=	94.8% OF	.460 KV	
MOV626 ***AFTER****	1.0	.455KV=	98.8% OF	.460 KV	
STARTING MOTOR NAME	HP				
MOV716B***PRIOR****	.0	.000KV=	.0% OF	.460 KV	* MOTOR NOT STARTED YET *
MOV716B***DURING***	1.3	.444KV=	96.6% OF	.460 KV	
MOV716B***AFTER****	1.3	.456KV=	99.2% OF	.460 KV	
STARTING MOTOR NAME	HP				
MOV730 ***PRIOR****	.0	.000KV=	.0% OF	.460 KV	* MOTOR NOT STARTED YET *
MOV730 ***DURING***	1.3	.442KV=	96.2% OF	.460 KV	
MOV730 ***AFTER****	1.3	.455KV=	99.0% OF	.460 KV	
STARTING MOTOR NAME	HP				
MOV744B***PRIOR****	.0	.000KV=	.0% OF	.460 KV	* MOTOR NOT STARTED YET *
MOV744B***DURING***	10.5	.397KV=	86.2% OF	.460 KV	
MOV744B***AFTER****	10.5	.447KV=	97.2% OF	.460 KV	
STARTING MOTOR NAME	HP				
MOV843B***PRIOR****	.0	.000KV=	.0% OF	.460 KV	* MOTOR NOT STARTED YET *
MOV843B***DURING***	1.6	.431KV=	93.6% OF	.460 KV	
MOV843B***AFTER****	1.6	.454KV=	98.8% OF	.460 KV	

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STARTING MOTOR NAME	HP				
HOV880B***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *	
HOV880B***DURING***	2.0	.440KV= 95.6% OF	.460 KV		
HOV880B***AFTER****	2.0	.454KV= 98.8% OF	.460 KV		
STARTING MOTOR NAME	HP				
HOV1402***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *	
HOV1402***DURING***	.3	.445KV= 96.7% OF	.460 KV		
HOV1402***AFTER****	.3	.457KV= 99.4% OF	.460 KV		
STARTING MOTOR NAME	HP				
HOV1418***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *	
HOV1418***DURING***	1.5	.437KV= 95.1% OF	.460 KV		
HOV1418***AFTER****	1.5	.455KV= 98.9% OF	.460 KV		
STARTING MOTOR NAME	HP				
HOV1421***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *	
HOV1421***DURING***	5.2	.405KV= 88.0% OF	.460 KV		
HOV1421***AFTER****	5.2	.446KV= 97.1% OF	.460 KV		
STARTING MOTOR NAME	HP				
HOV1425***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *	
HOV1425***DURING***	.3	.446KV= 97.0% OF	.460 KV		
HOV1425***AFTER****	.3	.457KV= 99.4% OF	.460 KV		

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B52	***PRIOR****	.463KV= 94.1% OF	.492KV	13.8	8.5	.9	.0
4B52	***DURING***	.401KV= 81.5% OF	.492KV	139.1	591.2	.7	.0
4B52	***AFTER****	.454KV= 92.2% OF	.492KV	125.8	77.9	.9	.0

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STARTING MOTOR NAME		HP			
4P244B	***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *
4P244B	***DURING***	1.0	.401KV= 87.2% OF	.460 KV	
4P244B	***AFTER****	1.0	.454KV= 98.6% OF	.460 KV	
STARTING MOTOR NAME		HP			
4V67B	***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *
4V67B	***DURING***	40.0	.399KV= 86.7% OF	.460 KV	
4V67B	***AFTER****	40.0	.453KV= 98.5% OF	.460 KV	
STARTING MOTOR NAME		HP			
4P241B	***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *
4P241B	***DURING***	1.0	.401KV= 87.1% OF	.460 KV	
4P241B	***AFTER****	1.0	.453KV= 98.6% OF	.460 KV	
STARTING MOTOR NAME		HP			
4S226B	***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *
4S226B	***DURING***	15.0	.399KV= 86.7% OF	.460 KV	
4S226B	***AFTER****	15.0	.452KV= 98.4% OF	.460 KV	
STARTING MOTOR NAME		HP			
4V68B	***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *
4V68B	***DURING***	40.0	.398KV= 86.6% OF	.460 KV	
4V68B	***AFTER****	40.0	.453KV= 98.5% OF	.460 KV	
STARTING MOTOR NAME		HP			
4P245B	***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *
4P245B	***DURING***	.8	.401KV= 87.2% OF	.460 KV	
4P245B	***AFTER****	.8	.454KV= 98.6% OF	.460 KV	

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STARTING MOTOR NAME		HP				
4V69B	***PRIOR****	.0	.000KV= .0% OF	.460 KV		* MOTOR NOT STARTED YET *
4V69B	***DURING***	40.0	.398KV= 86.6% OF	.460 KV		
4V69B	***AFTER****	40.0	.453KV= 98.5% OF	.460 KV		

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B53	***PRIOR****	.463KV= 93.9% OF	.493KV	14.6	9.0	25.1	.0
4B53	***DURING***	.438KV= 88.8% OF	.493KV	14.6	9.0	22.5	.0
4B53	***AFTER****	.460KV= 93.3% OF	.493KV	14.6	9.0	24.8	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B54	***PRIOR****	.464KV= 94.2% OF	:492KV	14.6	9.0	25.2	.0
4B54	***DURING***	.441KV= 89.5% OF	.492KV	14.6	9.0	22.7	.0
4B54	***AFTER****	.461KV= 93.6% OF	.492KV	14.6	9.0	24.9	.0

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VOLTAGE DROP ANALYSIS CASE #= 2

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
2BUS114	***PRIOR****	233.860KV=100.4% OF233.000KV	.0	.0	.0	.0
2BUS114	***DURING***	233.441KV=100.2% OF233.000KV	.0	.0	.0	.0
2BUS114	***AFTER****	233.816KV=100.4% OF233.000KV	.0	.0	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4AA1	***PRIOR****	4.023KV= 96.7% OF 4.160KV	4109.3	2559.5	.0	.0
4AA1	***DURING***	3.939KV= 94.7% OF 4.160KV	4109.3	2559.5	.0	.0
4AA1	***AFTER****	4.014KV= 96.5% OF 4.160KV	4109.3	2559.5	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4AB1	***PRIOR****	3.973KV= 95.5% OF 4.160KV	8219.6	5120.4	.0	.0
4AB1	***DURING***	3.888KV= 93.5% OF 4.160KV	8219.6	5120.4	.0	.0
4AB1	***AFTER****	3.965KV= 95.3% OF 4.160KV	8219.6	5120.4	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4AA2	***PRIOR****	3.983KV= 95.7% OF 4.160KV	5252.9	2987.7	.0	.0
4AA2	***DURING***	3.863KV= 92.9% OF 4.160KV	5948.5	6349.7	.0	.0
4AA2	***AFTER****	3.972KV= 95.5% OF 4.160KV	5770.5	3260.7	.0	.0

STARTING MOTOR NAME		HP			
4P210A	***PRIOR****	.0	.000KV= .0% OF 4.000 KV		* MOTOR NOT STARTED YET *
4P210A	***DURING***	300.0	3.852KV= 96.3% OF 4.000 KV		
4P210A	***AFTER****	300.0	3.970KV= 99.2% OF 4.000 KV		

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VOLTAGE DROP ANALYSIS CASE #= 2

STARTING MOTOR NAME		HP				
4P215A	***PRIOR****	.0	.000KV= .0% OF	4.000 KV		* MOTOR NOT STARTED YET *
4P215A	***DURING***	350.0	3.847KV= 96.2% OF	4.000 KV		
4P215A	***AFTER****	350.0	3.969KV= 99.2% OF	4.000 KV		

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4AD	***PRIOR****	3.930KV= 94.5% OF	4.160KV	626.9	409.2	.0	.0
4AD	***DURING***	3.809KV= 91.6% OF	4.160KV	626.9	409.2	.0	.0
4AD	***AFTER****	3.918KV= 94.2% OF	4.160KV	626.9	409.2	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B01	***PRIOR****	.460KV= 93.3% OF	.493KV	245.7	137.3	.0	.0
4B01	***DURING***	.445KV= 90.3% OF	.493KV	245.7	137.3	.0	.0
4B01	***AFTER****	.458KV= 93.0% OF	.493KV	245.7	137.3	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B03	***PRIOR****	.458KV= 92.8% OF	.493KV	83.0	51.6	271.1	2.4
4B03	***DURING***	.443KV= 89.9% OF	.493KV	83.0	51.6	254.0	2.3
4B03	***AFTER****	.456KV= 92.6% OF	.493KV	83.0	51.6	269.5	2.4

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B05V	***PRIOR****	.459KV= 93.1% OF	.493KV	90.9	56.3	.9	.0
4B05V	***DURING***	.444KV= 90.1% OF	.493KV	90.9	56.3	.9	.0
4B05V	***AFTER****	.458KV= 92.8% OF	.493KV	90.9	56.3	.9	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B05N	***PRIOR****	.456KV= 92.6% OF	.493KV	62.8	40.1	237.8	.0
4B05N	***DURING***	.442KV= 89.6% OF	.493KV	62.8	40.1	222.8	.0
4B05N	***AFTER****	.455KV= 92.3% OF	.493KV	62.8	40.1	236.4	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B07	***PRIOR****	.454KV= 92.1% OF	.493KV	190.3	117.5	1.8	.0
4B07	***DURING***	.439KV= 89.1% OF	.493KV	190.3	117.5	1.7	.0
4B07	***AFTER****	.453KV= 91.9% OF	.493KV	190.3	117.5	1.8	.0

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VOLTAGE DROP ANALYSIS CASE #= 2

NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B08	***PRIOR****	.453KV= 91.8% OF	.493KV		236.3	145.4	39.7	.0
4B08	***DURING***	.438KV= 88.8% OF	.493KV		236.3	145.4	37.1	.0
4B08	***AFTER****	.451KV= 91.5% OF	.493KV		236.3	145.4	39.4	.0

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

	HP							
E16B/17***PRIOR****	34.0	.440KV= 95.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*
E16B/17***DURING***	34.0	.425KV= 92.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*
E16B/17***AFTER****	34.0	.439KV= 95.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

	HP							
V10 ***PRIOR****	10.0	.442KV= 96.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*
V10 ***DURING***	10.0	.427KV= 92.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*
V10 ***AFTER****	10.0	.441KV= 95.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B50	***PRIOR****	.453KV= 91.9% OF	.493KV		122.8	60.2	.0	.0
4B50	***DURING***	.438KV= 88.9% OF	.493KV		122.8	60.2	.0	.0
4B50	***AFTER****	.452KV= 91.6% OF	.493KV		122.8	60.2	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B51	***PRIOR****	.453KV= 91.8% OF	.493KV		131.5	81.4	.9	.0
4B51	***DURING***	.438KV= 88.8% OF	.493KV		131.5	81.4	.8	.0
4B51	***AFTER****	.451KV= 91.6% OF	.493KV		131.5	81.4	.9	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4AB2	***PRIOR****	3.934KV= 94.6% OF	4.160KV		5252.4	2987.2	.0	.0
4AB2	***DURING***	3.814KV= 91.7% OF	4.160KV		5930.8	6263.9	.0	.0
4AB2	***AFTER****	3.923KV= 94.3% OF	4.160KV		5770.1	3260.2	.0	.0

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VOLTAGE DROP ANALYSIS CASE #= 2

STARTING MOTOR NAME		HP				
4P210B	***PRIOR****	.0	.000KV=	.0% OF	4.000 KV	* MOTOR NOT STARTED YET *
4P210B	***DURING***	300.0	3.803KV=	95.1% OF	4.000 KV	
4P210B	***AFTER****	300.0	3.921KV=	98.0% OF	4.000 KV	

STARTING MOTOR NAME		HP				
4P215B	***PRIOR****	.0	.000KV=	.0% OF	4.000 KV	* MOTOR NOT STARTED YET *
4P215B	***DURING***	350.0	3.797KV=	94.9% OF	4.000 KV	
4P215B	***AFTER****	350.0	3.919KV=	98.0% OF	4.000 KV	

NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B02	***PRIOR****	.460KV=	93.2% OF	.493KV	206.9	113.0	.0	.0
4B02	***DURING***	.445KV=	90.3% OF	.493KV	206.9	113.0	.0	.0
4B02	***AFTER****	.458KV=	92.9% OF	.493KV	206.9	113.0	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B04	***PRIOR****	.461KV=	93.7% OF	.492KV	61.1	38.0	.0	.0
4B04	***DURING***	.447KV=	90.8% OF	.492KV	61.1	38.0	.0	.0
4B04	***AFTER****	.460KV=	93.4% OF	.492KV	61.1	38.0	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B06	***PRIOR****	.458KV=	92.9% OF	.493KV	135.4	82.8	31.8	.0
4B06	***DURING***	.443KV=	89.9% OF	.493KV	135.4	82.8	29.8	.0
4B06	***AFTER****	.456KV=	92.6% OF	.493KV	135.4	82.8	31.6	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B52	***PRIOR****	.454KV=	92.2% OF	.492KV	125.8	77.9	.9	.0
4B52	***DURING***	.439KV=	89.2% OF	.492KV	125.8	77.9	.8	.0
4B52	***AFTER****	.453KV=	91.9% OF	.492KV	125.8	77.9	.9	.0

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VOLTAGE DROP ANALYSIS CASE #= 2

NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B53	***PRIOR****	.460KV=	93.3% OF	.493KV	14.6	9.0	24.8	.0
4B53	***DURING***	.445KV=	90.3% OF	.493KV	14.6	9.0	23.2	.0
4B53	***AFTER****	.458KV=	93.0% OF	.493KV	14.6	9.0	24.6	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B54	***PRIOR****	.461KV=	93.6% OF	.492KV	14.6	9.0	24.9	.0
4B54	***DURING***	.447KV=	90.7% OF	.492KV	14.6	9.0	23.4	.0
4B54	***AFTER****	.460KV=	93.4% OF	.492KV	14.6	9.0	24.8	.0

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VOLTAGE DROP ANALYSIS CASE #= 3

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
2BUS114	***PRIOR****	233.816KV=100.4% OF233.000KV	.0	.0	.0	.0
2BUS114	***DURING***	233.651KV=100.3% OF233.000KV	.0	.0	.0	.0
2BUS114	***AFTER****	233.795KV=100.3% OF233.000KV	.0	.0	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4AA1	***PRIOR****	4.014KV= 96.5% OF 4.160KV	4109.3	2559.5	.0	.0
4AA1	***DURING***	3.982KV= 95.7% OF 4.160KV	4109.3	2559.5	.0	.0
4AA1	***AFTER****	4.011KV= 96.4% OF 4.160KV	4109.3	2559.5	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4AB1	***PRIOR****	3.965KV= 95.3% OF 4.160KV	8219.6	5120.4	.0	.0
4AB1	***DURING***	3.931KV= 94.5% OF 4.160KV	8219.6	5120.4	.0	.0
4AB1	***AFTER****	3.961KV= 95.2% OF 4.160KV	8219.6	5120.4	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4AA2	***PRIOR****	3.972KV= 95.5% OF 4.160KV	5770.5	3260.7	.0	.0
4AA2	***DURING***	3.925KV= 94.4% OF 4.160KV	5770.5	3260.7	.0	.0
4AA2	***AFTER****	3.966KV= 95.3% OF 4.160KV	5770.5	3260.7	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4AD	***PRIOR****	3.918KV= 94.2% OF 4.160KV	626.9	409.2	.0	.0
4AD	***DURING***	3.870KV= 93.0% OF 4.160KV	626.9	409.2	.0	.0
4AD	***AFTER****	3.913KV= 94.1% OF 4.160KV	626.9	409.2	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B01	***PRIOR****	.458KV= 93.0% OF .493KV	245.7	137.3	.0	.0
4B01	***DURING***	.414KV= 84.0% OF .493KV	430.3	1167.3	.0	.0
4B01	***AFTER****	.454KV= 92.0% OF .493KV	445.6	231.0	.0	.0

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STARTING MOTOR NAME		HP				
4P214A	***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *	
4P214A	***DURING***	250.0	.375KV= 81.5% OF	.460 KV	* WARNING WARNING WARNING *	
4P214A	***AFTER****	250.0	.448KV= 97.3% OF	.460 KV		

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B03	***PRIOR****	.456KV= 92.6% OF	.493KV	83.0	51.6	269.5	2.4
4B03	***DURING***	.451KV= 91.4% OF	.493KV	83.0	51.6	262.8	2.3
4B03	***AFTER****	.456KV= 92.4% OF	.493KV	83.0	51.6	268.7	2.4

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B05V	***PRIOR****	.458KV= 92.8% OF	.493KV	90.9	56.3	.9	.0
4B05V	***DURING***	.412KV= 83.6% OF	.493KV	133.7	162.3	.7	.0
4B05V	***AFTER****	.452KV= 91.8% OF	.493KV	116.3	71.5	.9	.0

STARTING MOTOR NAME		HP			
4V30B	***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *
4V30B	***DURING***	30.0	.380KV= 82.7% OF	.460 KV	
4V30B	***AFTER****	30.0	.437KV= 94.9% OF	.460 KV	* WARNING WARNING WARNING *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP			
MOV1420	***PRIOR****	5.2	.446KV= 97.0% OF	.460 KV	* WARNING WARNING WARNING *
MOV1420	***DURING***	5.2	.400KV= 86.9% OF	.460 KV	* WARNING WARNING WARNING *
MOV1420	***AFTER****	5.2	.441KV= 95.9% OF	.460 KV	* WARNING WARNING WARNING *

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B05N	***PRIOR****	.455KV= 92.3% OF	.493KV	62.8	40.1	236.4	.0
4B05N	***DURING***	.411KV= 83.4% OF	.493KV	62.8	40.1	192.9	.0
4B05N	***AFTER****	.450KV= 91.3% OF	.493KV	62.8	40.1	231.4	.0

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VOLTAGE DROP ANALYSIS CASE #= 3

NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B07	***PRIOR****	.453KV= 91.9%	OF	.493KV	190.3	117.5	1.8	.0
4B07	***DURING***	.447KV= 90.7%	OF	.493KV	190.3	117.5	1.7	.0
4B07	***AFTER****	.452KV= 91.7%	OF	.493KV	190.3	117.5	1.8	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B08	***PRIOR****	.451KV= 91.5%	OF	.493KV	236.3	145.4	39.4	.0
4B08	***DURING***	.445KV= 90.3%	OF	.493KV	236.3	145.4	38.4	.0
4B08	***AFTER****	.450KV= 91.4%	OF	.493KV	236.3	145.4	39.3	.0

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP								
E16B/17	***PRIOR****	34.0	.439KV= 95.3%	OF	.460 KV	*	WARNING	WARNING	WARNING	*
E16B/17	***DURING***	34.0	.433KV= 94.0%	OF	.460 KV	*	WARNING	WARNING	WARNING	*
E16B/17	***AFTER****	34.0	.438KV= 95.2%	OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP								
V10	***PRIOR****	10.0	.441KV= 95.8%	OF	.460 KV	*	WARNING	WARNING	WARNING	*
V10	***DURING***	10.0	.435KV= 94.5%	OF	.460 KV	*	WARNING	WARNING	WARNING	*
V10	***AFTER****	10.0	.440KV= 95.6%	OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B50	***PRIOR****	.452KV= 91.6%	OF	.493KV	122.8	60.2	.0	.0
4B50	***DURING***	.446KV= 90.5%	OF	.493KV	122.8	60.2	.0	.0
4B50	***AFTER****	.451KV= 91.5%	OF	.493KV	122.8	60.2	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B51	***PRIOR****	.451KV= 91.6%	OF	.493KV	131.5	81.4	.9	.0
4B51	***DURING***	.407KV= 82.5%	OF	.493KV	131.5	81.4	.7	.0
4B51	***AFTER****	.447KV= 90.6%	OF	.493KV	131.5	81.4	.9	.0

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VOLTAGE DROP ANALYSIS CASE #= 3

NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4AB2	***PRIOR****	3.923KV=	94.3% OF	4.160KV	5770.1	3260.2	.0	.0
4AB2	***DURING***	3.875KV=	93.1% OF	4.160KV	5770.1	3260.2	.0	.0
4AB2	***AFTER****	3.918KV=	94.2% OF	4.160KV	5770.1	3260.2	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B02	***PRIOR****	.458KV=	92.9% OF	.493KV	206.9	113.0	.0	.0
4B02	***DURING***	.448KV=	90.9% OF	.493KV	206.9	113.0	.0	.0
4B02	***AFTER****	.457KV=	92.7% OF	.493KV	206.9	113.0	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B04	***PRIOR****	.460KV=	93.4% OF	.492KV	61.1	38.0	.0	.0
4B04	***DURING***	.419KV=	85.1% OF	.492KV	249.3	1109.2	.0	.0
4B04	***AFTER****	.456KV=	92.6% OF	.492KV	260.8	131.2	.0	.0

STARTING MOTOR NAME		HP				
4P214B	***PRIOR****	.0	.000KV=	.0% OF	.460 KV	* MOTOR NOT STARTED YET *
4P214B	***DURING***	250.0	.385KV=	83.7% OF	.460 KV	
4P214B	***AFTER****	250.0	.451KV=	98.1% OF	.460 KV	

NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B06	***PRIOR****	.456KV=	92.6% OF	.493KV	135.4	82.8	31.6	.0
4B06	***DURING***	.445KV=	90.2% OF	.493KV	182.1	209.7	30.0	.0
4B06	***AFTER****	.455KV=	92.3% OF	.493KV	160.7	98.0	31.4	.0

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VOLTAGE DROP ANALYSIS CASE #= 3

STARTING MOTOR NAME		HP			
4V30C	***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *
4V30C	***DURING***	30.0	.417KV= 90.6% OF	.460 KV	
4V30C	***AFTER****	30.0	.442KV= 96.1% OF	.460 KV	

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B52	***PRIOR****	.453KV= 91.9% OF	.492KV	125.8	77.9	.9	.0
4B52	***DURING***	.411KV= 83.5% OF	.492KV	125.8	77.9	.7	.0
4B52	***AFTER****	.448KV= 91.1% OF	.492KV	125.8	77.9	.9	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B53	***PRIOR****	.458KV= 93.0% OF	.493KV	14.6	9.0	24.6	.0
4B53	***DURING***	.414KV= 84.0% OF	.493KV	14.6	9.0	20.1	.0
4B53	***AFTER****	.454KV= 92.0% OF	.493KV	14.6	9.0	24.1	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B54	***PRIOR****	.460KV= 93.4% OF	.492KV	14.6	9.0	24.8	.0
4B54	***DURING***	.419KV= 85.1% OF	.492KV	14.6	9.0	20.6	.0
4B54	***AFTER****	.456KV= 92.6% OF	.492KV	14.6	9.0	24.3	.0

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VOLTAGE DROP ANALYSIS CASE #= 4

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
2BUS114	***PRIOR****	233.795KV=100.3% OF233.000KV	.0	.0	.0	.0
2BUS114	***DURING***	233.786KV=100.3% OF233.000KV	.0	.0	.0	.0
2BUS114	***AFTER****	233.794KV=100.3% OF233.000KV	.0	.0	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4AA1	***PRIOR****	4.011KV= 96.4% OF 4.160KV	4109.3	2559.5	.0	.0
4AA1	***DURING***	4.007KV= 96.3% OF 4.160KV	4109.3	2559.5	.0	.0
4AA1	***AFTER****	4.010KV= 96.4% OF 4.160KV	4109.3	2559.5	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4AB1	***PRIOR****	3.961KV= 95.2% OF 4.160KV	8219.6	5120.4	.0	.0
4AB1	***DURING***	3.960KV= 95.2% OF 4.160KV	8219.6	5120.4	.0	.0
4AB1	***AFTER****	3.961KV= 95.2% OF 4.160KV	8219.6	5120.4	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4AA2	***PRIOR****	3.966KV= 95.3% OF 4.160KV	5770.5	3260.7	.0	.0
4AA2	***DURING***	3.962KV= 95.2% OF 4.160KV	5770.5	3260.7	.0	.0
4AA2	***AFTER****	3.966KV= 95.3% OF 4.160KV	5770.5	3260.7	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4AD	***PRIOR****	3.913KV= 94.1% OF 4.160KV	626.9	409.2	.0	.0
4AD	***DURING***	3.913KV= 94.1% OF 4.160KV	626.9	409.2	.0	.0
4AD	***AFTER****	3.913KV= 94.1% OF 4.160KV	626.9	409.2	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B01	***PRIOR****	.454KV= 92.0% OF .493KV	445.6	231.0	.0	.0
4B01	***DURING***	.453KV= 91.9% OF .493KV	445.6	231.0	.0	.0
4B01	***AFTER****	.453KV= 92.0% OF .493KV	445.6	231.0	.0	.0

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NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B03	***PRIOR****	.456KV= 92.4% OF	.493KV	83.0	51.6	268.7	2.4
4B03	***DURING***	.451KV= 91.4% OF	.493KV	83.0	51.6	262.9	2.3
4B03	***AFTER****	.455KV= 92.3% OF	.493KV	83.0	51.6	267.9	2.4

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B05V	***PRIOR****	.452KV= 91.8% OF	.493KV	116.3	71.5	.9	.0
4B05V	***DURING***	.452KV= 91.7% OF	.493KV	116.3	71.5	.9	.0
4B05V	***AFTER****	.452KV= 91.8% OF	.493KV	116.3	71.5	.9	.0

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP				
4V30B	***PRIOR****	30.0	.437KV= 94.9% OF	.460 KV	*	WARNING WARNING WARNING *
4V30B	***DURING***	30.0	.436KV= 94.8% OF	.460 KV	*	WARNING WARNING WARNING *
4V30B	***AFTER****	30.0	.437KV= 94.9% OF	.460 KV	*	WARNING WARNING WARNING *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP				
MOV1420	***PRIOR****	5.2	.441KV= 95.9% OF	.460 KV	*	WARNING WARNING WARNING *
MOV1420	***DURING***	5.2	.440KV= 95.7% OF	.460 KV	*	WARNING WARNING WARNING *
MOV1420	***AFTER****	5.2	.441KV= 95.8% OF	.460 KV	*	WARNING WARNING WARNING *

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B05N	***PRIOR****	.450KV= 91.3% OF	.493KV	62.8	40.1	231.4	.0
4B05N	***DURING***	.450KV= 91.2% OF	.493KV	62.8	40.1	230.8	.0
4B05N	***AFTER****	.450KV= 91.3% OF	.493KV	62.8	40.1	231.3	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B07	***PRIOR****	.452KV= 91.7% OF	.493KV	190.3	117.5	1.8	.0
4B07	***DURING***	.447KV= 90.7% OF	.493KV	190.3	117.5	1.7	.0
4B07	***AFTER****	.452KV= 91.6% OF	.493KV	190.3	117.5	1.8	.0

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

	HP				
MOV744A***PRIOR****	10.3	.442KV= 96.1% OF	.460 KV	*	WARNING WARNING WARNING *
MOV744A***DURING***	10.3	.437KV= 95.0% OF	.460 KV	*	WARNING WARNING WARNING *
MOV744A***AFTER****	10.3	.441KV= 95.9% OF	.460 KV	*	WARNING WARNING WARNING *

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B08	***PRIOR****	.450KV= 91.4% OF	.493KV	236.3	145.4	39.3	.0
4B08	***DURING***	.443KV= 89.9% OF	.493KV	270.3	282.0	38.1	.0
4B08	***AFTER****	.449KV= 91.2% OF	.493KV	260.9	160.5	39.1	.0

STARTING MOTOR NAME		HP			
4V30A	***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *
4V30A	***DURING***	30.0	.436KV= 94.7% OF	.460 KV	
4V30A	***AFTER****	30.0	.446KV= 96.9% OF	.460 KV	

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

	HP				
E16B/17***PRIOR****	34.0	.438KV= 95.2% OF	.460 KV	*	WARNING WARNING WARNING *
E16B/17***DURING***	34.0	.430KV= 93.6% OF	.460 KV	*	WARNING WARNING WARNING *
E16B/17***AFTER****	34.0	.437KV= 94.9% OF	.460 KV	*	WARNING WARNING WARNING *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

	HP				
V10 ***PRIOR****	10.0	.440KV= 95.6% OF	.460 KV	*	WARNING WARNING WARNING *
V10 ***DURING***	10.0	.432KV= 94.0% OF	.460 KV	*	WARNING WARNING WARNING *
V10 ***AFTER****	10.0	.439KV= 95.4% OF	.460 KV	*	WARNING WARNING WARNING *

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B50	***PRIOR****	.451KV= 91.5% OF	.493KV	122.8	60.2	.0	.0
4B50	***DURING***	.444KV= 90.1% OF	.493KV	122.8	60.2	.0	.0
4B50	***AFTER****	.450KV= 91.3% OF	.493KV	122.8	60.2	.0	.0

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VOLTAGE DROP ANALYSIS CASE #= 4

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B51	***PRIOR****	.447KV= 90.6% OF	.493KV	131.5	81.4	.9	.0
4B51	***DURING***	.446KV= 90.4% OF	.493KV	131.5	81.4	.9	.0
4B51	***AFTER****	.446KV= 90.5% OF	.493KV	131.5	81.4	.9	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4AB2	***PRIOR****	3.918KV= 94.2% OF	4.160KV	5770.1	3260.2	.0	.0
4AB2	***DURING***	3.917KV= 94.2% OF	4.160KV	5770.1	3260.2	.0	.0
4AB2	***AFTER****	3.918KV= 94.2% OF	4.160KV	5770.1	3260.2	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B02	***PRIOR****	.457KV= 92.7% OF	.493KV	206.9	113.0	.0	.0
4B02	***DURING***	.457KV= 92.7% OF	.493KV	206.9	113.0	.0	.0
4B02	***AFTER****	.457KV= 92.7% OF	.493KV	206.9	113.0	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B04	***PRIOR****	.456KV= 92.6% OF	.492KV	260.8	131.2	.0	.0
4B04	***DURING***	.456KV= 92.6% OF	.492KV	260.8	131.2	.0	.0
4B04	***AFTER****	.456KV= 92.6% OF	.492KV	260.8	131.2	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B06	***PRIOR****	.455KV= 92.3% OF	.493KV	160.7	98.0	31.4	.0
4B06	***DURING***	.455KV= 92.3% OF	.493KV	160.7	98.0	31.4	.0
4B06	***AFTER****	.455KV= 92.3% OF	.493KV	160.7	98.0	31.4	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B52	***PRIOR****	.448KV= 91.1% OF	.492KV	125.8	77.9	.9	.0
4B52	***DURING***	.448KV= 91.1% OF	.492KV	125.8	77.9	.9	.0
4B52	***AFTER****	.448KV= 91.1% OF	.492KV	125.8	77.9	.9	.0

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NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B53	***PRIOR****	.454KV= 92.0% OF	.493KV	14.6	9.0	24.1	.0
4B53	***DURING***	.453KV= 91.9% OF	.493KV	14.6	9.0	24.0	.0
4B53	***AFTER****	.453KV= 92.0% OF	.493KV	14.6	9.0	24.1	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B54	***PRIOR****	.456KV= 92.6% OF	.492KV	14.6	9.0	24.3	.0
4B54	***DURING***	.456KV= 92.5% OF	.492KV	14.6	9.0	24.3	.0
4B54	***AFTER****	.456KV= 92.5% OF	.492KV	14.6	9.0	24.3	.0

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VOLTAGE DROP ANALYSIS CASE #= 5

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
2BUS114	***PRIOR****	233.794KV=100.3% OF233.000KV	.0	.0	.0	.0
2BUS114	***DURING***	233.794KV=100.3% OF233.000KV	.0	.0	.0	.0
2BUS114	***AFTER****	233.794KV=100.3% OF233.000KV	.0	.0	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4AA1	***PRIOR****	4.010KV= 96.4% OF 4.160KV	4109.3	2559.5	.0	.0
4AA1	***DURING***	4.010KV= 96.4% OF 4.160KV	4109.3	2559.5	.0	.0
4AA1	***AFTER****	4.010KV= 96.4% OF - 4.160KV	4109.3	2559.5	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4AB1	***PRIOR****	3.961KV= 95.2% OF 4.160KV	8219.6	5120.4	.0	.0
4AB1	***DURING***	3.961KV= 95.2% OF 4.160KV	8219.6	5120.4	.0	.0
4AB1	***AFTER****	3.961KV= 95.2% OF 4.160KV	8219.6	5120.4	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4AA2	***PRIOR****	3.966KV= 95.3% OF 4.160KV	5770.5	3260.7	.0	.0
4AA2	***DURING***	3.966KV= 95.3% OF 4.160KV	5770.5	3260.7	.0	.0
4AA2	***AFTER****	3.966KV= 95.3% OF 4.160KV	5770.5	3260.7	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4AD	***PRIOR****	3.913KV= 94.1% OF 4.160KV	626.9	409.2	.0	.0
4AD	***DURING***	3.913KV= 94.1% OF 4.160KV	626.9	409.2	.0	.0
4AD	***AFTER****	3.913KV= 94.1% OF 4.160KV	626.9	409.2	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B01	***PRIOR****	.453KV= 92.0% OF .493KV	445.6	231.0	.0	.0
4B01	***DURING***	.453KV= 92.0% OF .493KV	445.6	231.0	.0	.0
4B01	***AFTER****	.453KV= 92.0% OF .493KV	445.6	231.0	.0	.0

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VOLTAGE DROP ANALYSIS CASE #= 5

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B03	***PRIOR****	.455KV= 92.3% OF	.493KV	83.0	51.6	267.9	2.4
4B03	***DURING***	.455KV= 92.3% OF	.493KV	83.0	51.6	267.9	2.4
4B03	***AFTER****	.455KV= 92.3% OF	.493KV	83.0	51.6	267.9	2.4

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B05V	***PRIOR****	.452KV= 91.8% OF	.493KV	116.3	71.5	.9	.0
4B05V	***DURING***	.452KV= 91.8% OF	.493KV	116.3	71.5	.9	.0
4B05V	***AFTER****	.452KV= 91.8% OF	.493KV	116.3	71.5	.9	.0

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP				
4V30B	***PRIOR****	30.0	.437KV= 94.9% OF	.460 KV	*	WARNING WARNING WARNING *
4V30B	***DURING***	30.0	.437KV= 94.9% OF	.460 KV	*	WARNING WARNING WARNING *
4V30B	***AFTER****	30.0	.437KV= 94.9% OF	.460 KV	*	WARNING WARNING WARNING *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

	HP				
MOV1420***PRIOR****	5.2	.441KV= 95.8% OF	.460 KV	*	WARNING WARNING WARNING *
MOV1420***DURING***	5.2	.441KV= 95.8% OF	.460 KV	*	WARNING WARNING WARNING *
MOV1420***AFTER****	5.2	.441KV= 95.8% OF	.460 KV	*	WARNING WARNING WARNING *

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B05N	***PRIOR****	.450KV= 91.3% OF	.493KV	62.8	40.1	231.3	.0
4B05N	***DURING***	.450KV= 91.3% OF	.493KV	62.8	40.1	231.3	.0
4B05N	***AFTER****	.450KV= 91.3% OF	.493KV	62.8	40.1	231.3	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B07	***PRIOR****	.452KV= 91.6% OF	.493KV	190.3	117.5	1.8	.0
4B07	***DURING***	.452KV= 91.6% OF	.493KV	190.3	117.5	1.8	.0
4B07	***AFTER****	.452KV= 91.6% OF	.493KV	190.3	117.5	1.8	.0

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VOLTAGE DROP ANALYSIS CASE #= 5

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

	HP							
HOV744A***PRIOR****	10.3	.441KV= 95.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*
HOV744A***DURING***	10.3	.441KV= 95.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*
HOV744A***AFTER****	10.3	.441KV= 95.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B08	***PRIOR****	.449KV= 91.2% OF	.493KV	260.9	160.5	39.1	.0
4B08	***DURING***	.449KV= 91.2% OF	.493KV	260.9	160.5	39.1	.0
4B08	***AFTER****	.449KV= 91.2% OF	.493KV	260.9	160.5	39.1	.0

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

	HP							
E16B/17***PRIOR****	34.0	.437KV= 94.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*
E16B/17***DURING***	34.0	.437KV= 94.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*
E16B/17***AFTER****	34.0	.437KV= 94.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

	HP							
V10 ***PRIOR****	10.0	.439KV= 95.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*
V10 ***DURING***	10.0	.439KV= 95.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*
V10 ***AFTER****	10.0	.439KV= 95.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B50	***PRIOR****	.450KV= 91.3% OF	.493KV	122.8	60.2	.0	.0
4B50	***DURING***	.450KV= 91.3% OF	.493KV	122.8	60.2	.0	.0
4B50	***AFTER****	.450KV= 91.3% OF	.493KV	122.8	60.2	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B51	***PRIOR****	.446KV= 90.5% OF	.493KV	131.5	81.4	.9	.0
4B51	***DURING***	.446KV= 90.5% OF	.493KV	131.5	81.4	.9	.0
4B51	***AFTER****	.446KV= 90.5% OF	.493KV	131.5	81.4	.9	.0

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NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4AB2	***PRIOR****	3.918KV=	94.2% OF	4.160KV	5770.1	3260.2	.0	.0
4AB2	***DURING***	3.918KV=	94.2% OF	4.160KV	5770.1	3260.2	.0	.0
4AB2	***AFTER****	3.918KV=	94.2% OF	4.160KV	5770.1	3260.2	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B02	***PRIOR****	.457KV=	92.7% OF	.493KV	206.9	113.0	.0	.0
4B02	***DURING***	.457KV=	92.7% OF	.493KV	206.9	113.0	.0	.0
4B02	***AFTER****	.457KV=	92.7% OF	.493KV	206.9	113.0	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B04	***PRIOR****	.456KV=	92.6% OF	.492KV	260.8	131.2	.0	.0
4B04	***DURING***	.456KV=	92.6% OF	.492KV	260.8	131.2	.0	.0
4B04	***AFTER****	.456KV=	92.6% OF	.492KV	260.8	131.2	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B06	***PRIOR****	.455KV=	92.3% OF	.493KV	160.7	98.0	31.4	.0
4B06	***DURING***	.455KV=	92.3% OF	.493KV	160.7	98.0	31.4	.0
4B06	***AFTER****	.455KV=	92.3% OF	.493KV	160.7	98.0	31.4	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B52	***PRIOR****	.448KV=	91.1% OF	.492KV	125.8	77.9	.9	.0
4B52	***DURING***	.448KV=	91.1% OF	.492KV	125.8	77.9	.9	.0
4B52	***AFTER****	.448KV=	91.1% OF	.492KV	125.8	77.9	.9	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B53	***PRIOR****	.453KV=	92.0% OF	.493KV	14.6	9.0	24.1	.0
4B53	***DURING***	.453KV=	92.0% OF	.493KV	14.6	9.0	24.1	.0
4B53	***AFTER****	.453KV=	92.0% OF	.493KV	14.6	9.0	24.1	.0

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VOLTAGE DROP ANALYSIS CASE #= 5

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B54	***PRIOR****	.456KV= 92.5% OF	.492KV	14.6	9.0	24.3	.0
4B54	***DURING***	.456KV= 92.5% OF	.492KV	14.6	9.0	24.3	.0
4B54	***AFTER****	.456KV= 92.5% OF	.492KV	14.6	9.0	24.3	.0

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VOLTAGE DROP ANALYSIS CASE #= 6

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
2BUS114	***PRIOR****	233.797KV=100.3% OF233.000KV	.0	.0	.0	.0
2BUS114	***DURING***	233.748KV=100.3% OF233.000KV	.0	.0	.0	.0
2BUS114	***AFTER****	233.790KV=100.3% OF233.000KV	.0	.0	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4AA1	***PRIOR****	4.011KV= 96.4% OF 4.160KV	4109.3	2559.5	.0	.0
4AA1	***DURING***	4.001KV= 96.2% OF 4.160KV	4109.3	2559.5	.0	.0
4AA1	***AFTER****	4.009KV= 96.4% OF 4.160KV	4109.3	2559.5	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4AB1	***PRIOR****	3.962KV= 95.2% OF 4.160KV	8219.6	5120.4	.0	.0
4AB1	***DURING***	3.952KV= 95.0% OF 4.160KV	8219.6	5120.4	.0	.0
4AB1	***AFTER****	3.960KV= 95.2% OF 4.160KV	8219.6	5120.4	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4AA2	***PRIOR****	3.967KV= 95.4% OF 4.160KV	5770.5	3260.7	.0	.0
4AA2	***DURING***	3.952KV= 95.0% OF 4.160KV	5770.5	3260.7	.0	.0
4AA2	***AFTER****	3.965KV= 95.3% OF 4.160KV	5770.5	3260.7	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4AD	***PRIOR****	3.914KV= 94.1% OF 4.160KV	626.9	409.2	.0	.0
4AD	***DURING***	3.900KV= 93.8% OF 4.160KV	626.9	409.2	.0	.0
4AD	***AFTER****	3.912KV= 94.0% OF 4.160KV	626.9	409.2	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B01	***PRIOR****	.454KV= 92.0% OF .493KV	445.6	231.0	.0	.0
4B01	***DURING***	.440KV= 89.3% OF .493KV	445.6	231.0	.0	.0
4B01	***AFTER****	.452KV= 91.7% OF .493KV	445.6	231.0	.0	.0

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NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B03	***PRIOR****	.456KV=	92.4% OF	.493KV	83.0	51.6	268.6	2.4
4B03	***DURING***	.454KV=	92.1% OF	.493KV	83.0	51.6	266.6	2.4
4B03	***AFTER****	.455KV=	92.4% OF	.493KV	83.0	51.6	268.4	2.4

NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B05V	***PRIOR****	.453KV=	91.8% OF	.493KV	108.0	66.5	.9	.0
4B05V	***DURING***	.436KV=	88.4% OF	.493KV	200.5	421.5	.8	.0
4B05V	***AFTER****	.450KV=	91.4% OF	.493KV	169.6	104.7	.9	.0

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP				
4V30B	***PRIOR****	30.0	.437KV=	95.0% OF	.460 KV	* WARNING WARNING WARNING *
4V30B	***DURING***	30.0	.419KV=	91.1% OF	.460 KV	* WARNING WARNING WARNING *
4V30B	***AFTER****	30.0	.435KV=	94.5% OF	.460 KV	* WARNING WARNING WARNING *

STARTING MOTOR NAME		HP				
4V3B	***PRIOR****	.0	.000KV=	.0% OF	.460 KV	* MOTOR NOT STARTED YET *
4V3B	***DURING***	75.0	.411KV=	89.4% OF	.460 KV	
4V3B	***AFTER****	75.0	.444KV=	96.6% OF	.460 KV	

NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B05N	***PRIOR****	.450KV=	91.4% OF	.493KV	62.8	40.1	231.6	.0
4B05N	***DURING***	.437KV=	88.7% OF	.493KV	62.8	40.1	218.1	.0
4B05N	***AFTER****	.449KV=	91.0% OF	.493KV	62.8	40.1	229.9	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B07	***PRIOR****	.452KV=	91.8% OF	.493KV	172.8	106.8	1.8	.0
4B07	***DURING***	.451KV=	91.4% OF	.493KV	172.8	106.8	1.8	.0
4B07	***AFTER****	.452KV=	91.7% OF	.493KV	172.8	106.8	1.8	.0

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NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B08	***PRIOR****	.450KV= 91.3% OF	.493KV	257.2	158.2	39.3	.0
4B08	***DURING***	.448KV= 90.9% OF	.493KV	257.2	158.2	39.0	.0
4B08	***AFTER****	.450KV= 91.2% OF	.493KV	257.2	158.2	39.2	.0

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

	HP							
E16B/17***PRIOR****	34.0	.437KV= 95.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*
E16B/17***DURING***	34.0	.436KV= 94.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*
E16B/17***AFTER****	34.0	.437KV= 95.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

	HP							
V10 ***PRIOR****	10.0	.439KV= 95.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*
V10 ***DURING***	10.0	.438KV= 95.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*
V10 ***AFTER****	10.0	.439KV= 95.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B50	***PRIOR****	.451KV= 91.4% OF	.493KV	122.8	60.2	.0	.0
4B50	***DURING***	.449KV= 91.1% OF	.493KV	122.8	60.2	.0	.0
4B50	***AFTER****	.451KV= 91.4% OF	.493KV	122.8	60.2	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B51	***PRIOR****	.447KV= 90.6% OF	.493KV	131.5	81.4	.9	.0
4B51	***DURING***	.433KV= 87.8% OF	.493KV	131.5	81.4	.8	.0
4B51	***AFTER****	.445KV= 90.3% OF	.493KV	131.5	81.4	.9	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4AB2	***PRIOR****	3.919KV= 94.2% OF	4.160KV	5770.1	3260.2	.0	.0
4AB2	***DURING***	3.905KV= 93.9% OF	4.160KV	5770.1	3260.2	.0	.0
4AB2	***AFTER****	3.917KV= 94.2% OF	4.160KV	5770.1	3260.2	.0	.0

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VOLTAGE DROP ANALYSIS CASE #= 6

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B02	***PRIOR****	.458KV= 92.8% OF	.493KV	206.9	113.0	.0	.0
4B02	***DURING***	.445KV= 90.2% OF	.493KV	206.9	113.0	.0	.0
4B02	***AFTER****	.456KV= 92.5% OF	.493KV	206.9	113.0	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B04	***PRIOR****	.456KV= 92.6% OF	.492KV	260.8	131.2	.0	.0
4B04	***DURING***	.454KV= 92.3% OF	.492KV	260.8	131.2	.0	.0
4B04	***AFTER****	.456KV= 92.6% OF	.492KV	260.8	131.2	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B06	***PRIOR****	.456KV= 92.5% OF	.493KV	129.4	79.0	31.6	.0
4B06	***DURING***	.439KV= 89.0% OF	.493KV	226.9	431.3	29.2	.0
4B06	***AFTER****	.454KV= 92.0% OF	.493KV	191.2	117.4	31.2	.0

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP			
4V30C	***PRIOR****	30.0	.443KV= 96.3% OF	.460 KV	* WARNING WARNING WARNING *
4V30C	***DURING***	30.0	.425KV= 92.4% OF	.460 KV	* WARNING WARNING WARNING *
4V30C	***AFTER****	30.0	.441KV= 95.8% OF	.460 KV	* WARNING WARNING WARNING *

STARTING MOTOR NAME		HP			
4V3C	***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *
4V3C	***DURING***	75.0	.407KV= 88.4% OF	.460 KV	
4V3C	***AFTER****	75.0	.446KV= 96.9% OF	.460 KV	

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B52	***PRIOR****	.449KV= 91.1% OF	.492KV	125.8	77.9	.9	.0
4B52	***DURING***	.447KV= 90.7% OF	.492KV	125.8	77.9	.9	.0
4B52	***AFTER****	.448KV= 91.0% OF	.492KV	125.8	77.9	.9	.0

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NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B53	***PRIOR****	.454KV= 92.0% OF	.493KV	14.6	9.0	24.1	.0
4B53	***DURING***	.440KV= 89.3% OF	.493KV	14.6	9.0	22.7	.0
4B53	***AFTER****	.452KV= 91.7% OF	.493KV	14.6	9.0	24.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B54	***PRIOR****	.456KV= 92.6% OF	.492KV	14.6	9.0	24.4	.0
4B54	***DURING***	.454KV= 92.2% OF	.492KV	14.6	9.0	24.2	.0
4B54	***AFTER****	.456KV= 92.5% OF	.492KV	14.6	9.0	24.3	.0

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VOLTAGE DROP ANALYSIS CASE #= 7

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
2BUS114	***PRIOR****	233.790KV=100.3% OF233.000KV	.0	.0	.0	.0
2BUS114	***DURING***	233.765KV=100.3% OF233.000KV	.0	.0	.0	.0
2BUS114	***AFTER****	233.786KV=100.3% OF233.000KV	.0	.0	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4AA1	***PRIOR****	4.009KV= 96.4% OF 4.160KV	4109.3	2559.5	.0	.0
4AA1	***DURING***	4.001KV= 96.2% OF 4.160KV	4109.3	2559.5	.0	.0
4AA1	***AFTER****	4.008KV= 96.3% OF 4.160KV	4109.3	2559.5	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4AB1	***PRIOR****	3.960KV= 95.2% OF 4.160KV	8219.6	5120.4	.0	.0
4AB1	***DURING***	3.959KV= 95.2% OF 4.160KV	8219.6	5120.4	.0	.0
4AB1	***AFTER****	3.960KV= 95.2% OF 4.160KV	8219.6	5120.4	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4AA2	***PRIOR****	3.965KV= 95.3% OF 4.160KV	5770.5	3260.7	.0	.0
4AA2	***DURING***	3.952KV= 95.0% OF 4.160KV	5770.5	3260.7	.0	.0
4AA2	***AFTER****	3.963KV= 95.3% OF 4.160KV	5770.5	3260.7	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4AD	***PRIOR****	3.912KV= 94.0% OF 4.160KV	626.9	409.2	.0	.0
4AD	***DURING***	3.911KV= 94.0% OF 4.160KV	626.9	409.2	.0	.0
4AD	***AFTER****	3.912KV= 94.0% OF 4.160KV	626.9	409.2	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B01	***PRIOR****	.452KV= 91.7% OF .493KV	445.6	231.0	.0	.0
4B01	***DURING***	.450KV= 91.4% OF .493KV	445.6	231.0	.0	.0
4B01	***AFTER****	.452KV= 91.6% OF .493KV	445.6	231.0	.0	.0

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NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B03	***PRIOR****	.455KV= 92.4% OF	.493KV	83.0	51.6	268.4	2.4
4B03	***DURING***	.442KV= 89.7% OF	.493KV	83.0	51.6	252.9	2.3
4B03	***AFTER****	.454KV= 92.0% OF	.493KV	83.0	51.6	266.4	2.4

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B05V	***PRIOR****	.450KV= 91.4% OF	.493KV	169.6	104.7	.9	.0
4B05V	***DURING***	.449KV= 91.0% OF	.493KV	169.6	104.7	.9	.0
4B05V	***AFTER****	.450KV= 91.3% OF	.493KV	169.6	104.7	.9	.0

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP				
4V1C	***PRIOR****	100.0	.442KV= 96.0% OF	.460 KV	*	WARNING WARNING WARNING *
4V1C	***DURING***	100.0	.440KV= 95.7% OF	.460 KV	*	WARNING WARNING WARNING *
4V1C	***AFTER****	100.0	.442KV= 96.0% OF	.460 KV	*	WARNING WARNING WARNING *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP				
4V30B	***PRIOR****	30.0	.435KV= 94.5% OF	.460 KV	*	WARNING WARNING WARNING *
4V30B	***DURING***	30.0	.433KV= 94.1% OF	.460 KV	*	WARNING WARNING WARNING *
4V30B	***AFTER****	30.0	.434KV= 94.4% OF	.460 KV	*	WARNING WARNING WARNING *

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B05N	***PRIOR****	.449KV= 91.0% OF	.493KV	62.8	40.1	229.9	.0
4B05N	***DURING***	.447KV= 90.7% OF	.493KV	62.8	40.1	228.3	.0
4B05N	***AFTER****	.449KV= 91.0% OF	.493KV	62.8	40.1	229.7	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B07	***PRIOR****	.452KV= 91.7% OF	.493KV	172.8	106.8	1.8	.0
4B07	***DURING***	.439KV= 89.0% OF	.493KV	172.8	106.8	1.7	.0
4B07	***AFTER****	.451KV= 91.4% OF	.493KV	172.8	106.8	1.8	.0

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NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B08	***PRIOR****	.450KV= 91.2% OF	.493KV		257.2	158.2	39.2	.0
4B08	***DURING***	.431KV= 87.3% OF	.493KV		342.2	515.1	35.9	.0
4B08	***AFTER****	.447KV= 90.7% OF	.493KV		318.5	196.2	38.8	.0

STARTING MOTOR NAME		HP				
4V3A	***PRIOR****	.0	.000KV= .0% OF	.460 KV		* MOTOR NOT STARTED YET *
4V3A	***DURING***	75.0	.416KV= 90.4% OF	.460 KV		
4V3A	***AFTER****	75.0	.443KV= 96.4% OF	.460 KV		
CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR						
		HP				
E16B/17	***PRIOR****	34.0	.437KV= 95.0% OF	.460 KV		* WARNING WARNING WARNING *
E16B/17	***DURING***	34.0	.417KV= 90.7% OF	.460 KV		* WARNING WARNING WARNING *
E16B/17	***AFTER****	34.0	.434KV= 94.4% OF	.460 KV		* WARNING WARNING WARNING *
CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR						
		HP				
V10	***PRIOR****	10.0	.439KV= 95.5% OF	.460 KV		* WARNING WARNING WARNING *
V10	***DURING***	10.0	.419KV= 91.2% OF	.460 KV		* WARNING WARNING WARNING *
V10	***AFTER****	10.0	.436KV= 94.9% OF	.460 KV		* WARNING WARNING WARNING *
CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR						
		HP				
V76/232	***PRIOR****	36.0	.444KV= 96.5% OF	.460 KV		* WARNING WARNING WARNING *
V76/232	***DURING***	36.0	.424KV= 92.2% OF	.460 KV		* WARNING WARNING WARNING *
V76/232	***AFTER****	36.0	.441KV= 95.9% OF	.460 KV		* WARNING WARNING WARNING *

NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B50	***PRIOR****	.451KV= 91.4% OF	.493KV		122.8	60.2	.0	.0
4B50	***DURING***	.432KV= 87.6% OF	.493KV		122.8	60.2	.0	.0
4B50	***AFTER****	.448KV= 90.9% OF	.493KV		122.8	60.2	.0	.0

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NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B51	***PRIOR****	.445KV= 90.3% OF	.493KV	131.5	81.4	.9	.0
4B51	***DURING***	.443KV= 89.9% OF	.493KV	131.5	81.4	.9	.0
4B51	***AFTER****	.445KV= 90.2% OF	.493KV	131.5	81.4	.9	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4AB2	***PRIOR****	3.917KV= 94.2% OF	4.160KV	5770.1	3260.2	.0	.0
4AB2	***DURING***	3.915KV= 94.1% OF	4.160KV	5770.1	3260.2	.0	.0
4AB2	***AFTER****	3.917KV= 94.1% OF	4.160KV	5770.1	3260.2	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B02	***PRIOR****	.456KV= 92.5% OF	.493KV	206.9	113.0	.0	.0
4B02	***DURING***	.456KV= 92.5% OF	.493KV	206.9	113.0	.0	.0
4B02	***AFTER****	.456KV= 92.5% OF	.493KV	206.9	113.0	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B04	***PRIOR****	.456KV= 92.6% OF	.492KV	260.8	131.2	.0	.0
4B04	***DURING***	.456KV= 92.5% OF	.492KV	260.8	131.2	.0	.0
4B04	***AFTER****	.456KV= 92.6% OF	.492KV	260.8	131.2	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B06	***PRIOR****	.454KV= 92.0% OF	.493KV	191.2	117.4	31.2	.0
4B06	***DURING***	.454KV= 92.0% OF	.493KV	191.2	117.4	31.2	.0
4B06	***AFTER****	.454KV= 92.0% OF	.493KV	191.2	117.4	31.2	.0

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4V30C	***PRIOR****	30.0	.441KV= 95.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V30C	***DURING***	30.0	.441KV= 95.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V30C	***AFTER****	30.0	.441KV= 95.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B52	***PRIOR****	.448KV= 91.0% OF	.492KV	125.8	77.9	.9	.0
4B52	***DURING***	.448KV= 91.0% OF	.492KV	125.8	77.9	.9	.0
4B52	***AFTER****	.448KV= 91.0% OF	.492KV	125.8	77.9	.9	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B53	***PRIOR****	.452KV= 91.7% OF	.493KV	14.6	9.0	24.0	.0
4B53	***DURING***	.451KV= 91.4% OF	.493KV	14.6	9.0	23.8	.0
4B53	***AFTER****	.452KV= 91.7% OF	.493KV	14.6	9.0	23.9	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B54	***PRIOR****	.456KV= 92.5% OF	.492KV	14.6	9.0	24.3	.0
4B54	***DURING***	.455KV= 92.5% OF	.492KV	14.6	9.0	24.3	.0
4B54	***AFTER****	.456KV= 92.5% OF	.492KV	14.6	9.0	24.3	.0

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NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
2BUS114	***PRIOR****	233.786KV=100.3% OF233.000KV	.0	.0	.0	.0
2BUS114	***DURING***	233.786KV=100.3% OF233.000KV	.0	.0	.0	.0
2BUS114	***AFTER****	233.786KV=100.3% OF233.000KV	.0	.0	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4AA1	***PRIOR****	4.008KV= 96.3% OF 4.160KV	4109.3	2559.5	.0	.0
4AA1	***DURING***	4.008KV= 96.3% OF 4.160KV	4109.3	2559.5	.0	.0
4AA1	***AFTER****	4.008KV= 96.3% OF 4.160KV	4109.3	2559.5	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4AB1	***PRIOR****	3.960KV= 95.2% OF 4.160KV	8219.6	5120.4	.0	.0
4AB1	***DURING***	3.960KV= 95.2% OF 4.160KV	8219.6	5120.4	.0	.0
4AB1	***AFTER****	3.960KV= 95.2% OF 4.160KV	8219.6	5120.4	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4AA2	***PRIOR****	3.963KV= 95.3% OF 4.160KV	5770.5	3260.7	.0	.0
4AA2	***DURING***	3.963KV= 95.3% OF 4.160KV	5770.5	3260.7	.0	.0
4AA2	***AFTER****	3.963KV= 95.3% OF 4.160KV	5770.5	3260.7	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4AD	***PRIOR****	3.912KV= 94.0% OF 4.160KV	626.9	409.2	.0	.0
4AD	***DURING***	3.912KV= 94.0% OF 4.160KV	626.9	409.2	.0	.0
4AD	***AFTER****	3.912KV= 94.0% OF 4.160KV	626.9	409.2	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B01	***PRIOR****	.452KV= 91.6% OF .493KV	445.6	231.0	.0	.0
4B01	***DURING***	.452KV= 91.6% OF .493KV	445.6	231.0	.0	.0
4B01	***AFTER****	.452KV= 91.6% OF .493KV	445.6	231.0	.0	.0

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NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B03	***PRIOR****	.454KV= 92.0% OF	.493KV	83.0	51.6	266.4	2.4
4B03	***DURING***	.454KV= 92.0% OF	.493KV	83.0	51.6	266.4	2.4
4B03	***AFTER****	.454KV= 92.0% OF	.493KV	83.0	51.6	266.4	2.4

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B05V	***PRIOR****	.450KV= 91.3% OF	.493KV	169.6	104.7	.9	.0
4B05V	***DURING***	.450KV= 91.3% OF	.493KV	169.6	104.7	.9	.0
4B05V	***AFTER****	.450KV= 91.3% OF	.493KV	169.6	104.7	.9	.0

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP				
4V1C	***PRIOR****	100.0	.442KV= 96.0% OF	.460 KV	*	WARNING WARNING WARNING *
4V1C	***DURING***	100.0	.442KV= 96.0% OF	.460 KV	*	WARNING WARNING WARNING *
4V1C	***AFTER****	100.0	.442KV= 96.0% OF	.460 KV	*	WARNING WARNING WARNING *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP				
4V30B	***PRIOR****	30.0	.434KV= 94.4% OF	.460 KV	*	WARNING WARNING WARNING *
4V30B	***DURING***	30.0	.434KV= 94.4% OF	.460 KV	*	WARNING WARNING WARNING *
4V30B	***AFTER****	30.0	.434KV= 94.4% OF	.460 KV	*	WARNING WARNING WARNING *

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B05N	***PRIOR****	.449KV= 91.0% OF	.493KV	62.8	40.1	229.7	.0
4B05N	***DURING***	.449KV= 91.0% OF	.493KV	62.8	40.1	229.7	.0
4B05N	***AFTER****	.449KV= 91.0% OF	.493KV	62.8	40.1	229.7	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B07	***PRIOR****	.451KV= 91.4% OF	.493KV	172.8	106.8	1.8	.0
4B07	***DURING***	.451KV= 91.4% OF	.493KV	172.8	106.8	1.8	.0
4B07	***AFTER****	.451KV= 91.4% OF	.493KV	172.8	106.8	1.8	.0

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NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B08	***PRIOR****	.447KV= 90.7%	OF	.493KV	318.5	196.2	38.8	.0
4B08	***DURING***	.447KV= 90.7%	OF	.493KV	318.5	196.2	38.8	.0
4B08	***AFTER****	.447KV= 90.7%	OF	.493KV	318.5	196.2	38.8	.0

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

	HP							
E16B/17***PRIOR****	34.0	.434KV= 94.4%	OF	.460 KV	*	WARNING	WARNING	WARNING *
E16B/17***DURING***	34.0	.434KV= 94.4%	OF	.460 KV	*	WARNING	WARNING	WARNING *
E16B/17***AFTER****	34.0	.434KV= 94.4%	OF	.460 KV	*	WARNING	WARNING	WARNING *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

	HP							
V10 ***PRIOR****	10.0	.436KV= 94.9%	OF	.460 KV	*	WARNING	WARNING	WARNING *
V10 ***DURING***	10.0	.436KV= 94.9%	OF	.460 KV	*	WARNING	WARNING	WARNING *
V10 ***AFTER****	10.0	.436KV= 94.9%	OF	.460 KV	*	WARNING	WARNING	WARNING *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

	HP							
V76/232***PRIOR****	36.0	.441KV= 95.9%	OF	.460 KV	*	WARNING	WARNING	WARNING *
V76/232***DURING***	36.0	.441KV= 95.9%	OF	.460 KV	*	WARNING	WARNING	WARNING *
V76/232***AFTER****	36.0	.441KV= 95.9%	OF	.460 KV	*	WARNING	WARNING	WARNING *

NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B50	***PRIOR****	.448KV= 90.9%	OF	.493KV	122.8	60.2	.0	.0
4B50	***DURING***	.448KV= 90.9%	OF	.493KV	122.8	60.2	.0	.0
4B50	***AFTER****	.448KV= 90.9%	OF	.493KV	122.8	60.2	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B51	***PRIOR****	.445KV= 90.2%	OF	.493KV	131.5	81.4	-.9	.0
4B51	***DURING***	.445KV= 90.2%	OF	.493KV	131.5	81.4	.9	.0
4B51	***AFTER****	.445KV= 90.2%	OF	.493KV	131.5	81.4	.9	.0

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NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4AB2	***PRIOR****	3.917KV=	94.1% OF	4.160KV	5770.1	3260.2	.0	.0
4AB2	***DURING***	3.917KV=	94.1% OF	4.160KV	5770.1	3260.2	.0	.0
4AB2	***AFTER****	3.917KV=	94.1% OF	4.160KV	5770.1	3260.2	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B02	***PRIOR****	.456KV=	92.5% OF	.493KV	206.9	113.0	.0	.0
4B02	***DURING***	.456KV=	92.5% OF	.493KV	206.9	113.0	.0	.0
4B02	***AFTER****	.456KV=	92.5% OF	.493KV	206.9	113.0	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B04	***PRIOR****	.456KV=	92.6% OF	.492KV	260.8	131.2	.0	.0
4B04	***DURING***	.456KV=	92.6% OF	.492KV	260.8	131.2	.0	.0
4B04	***AFTER****	.456KV=	92.6% OF	.492KV	260.8	131.2	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B06	***PRIOR****	.454KV=	92.0% OF	.493KV	191.2	117.4	31.2	.0
4B06	***DURING***	.454KV=	92.0% OF	.493KV	191.2	117.4	31.2	.0
4B06	***AFTER****	.454KV=	92.0% OF	.493KV	191.2	117.4	31.2	.0

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP				
4V30C	***PRIOR****	30.0	.441KV= 95.8% OF	.460 KV	*	WARNING WARNING WARNING *
4V30C	***DURING***	30.0	.441KV= 95.8% OF	.460 KV	*	WARNING WARNING WARNING *
4V30C	***AFTER****	30.0	.441KV= 95.8% OF	.460 KV	*	WARNING WARNING WARNING *

NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B52	***PRIOR****	.448KV=	91.0% OF	.492KV	125.8	77.9	.9	.0
4B52	***DURING***	.448KV=	91.0% OF	.492KV	125.8	77.9	.9	.0
4B52	***AFTER****	.448KV=	91.0% OF	.492KV	125.8	77.9	.9	.0

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NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B53	***PRIOR****	.452KV= 91.7% OF	.493KV	14.6	9.0	23.9	.0
4B53	***DURING***	.452KV= 91.7% OF	.493KV	14.6	9.0	23.9	.0
4B53	***AFTER****	.452KV= 91.7% OF	.493KV	14.6	9.0	23.9	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B54	***PRIOR****	.456KV= 92.5% OF	.492KV	14.6	9.0	24.3	.0
4B54	***DURING***	.456KV= 92.5% OF	.492KV	14.6	9.0	24.3	.0
4B54	***AFTER****	.456KV= 92.5% OF	.492KV	14.6	9.0	24.3	.0

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VOLTAGE DROP ANALYSIS CASE #= 9

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
2BUS114	***PRIOR****	233.786KV=100.3% OF233.000KV	.0	.0	.0	.0
2BUS114	***DURING***	231.881KV= 99.5% OF233.000KV	.0	.0	.0	.0
2BUS114	***AFTER****	233.572KV=100.2% OF233.000KV	.0	.0	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4AA1	***PRIOR****	4.008KV= 96.3% OF 4.160KV	4109.3	2559.5	.0	.0
4AA1	***DURING***	3.345KV= 80.4% OF 4.160KV	9609.6	29014.7	.0	.0
4AA1	***AFTER****	3.941KV= 94.7% OF 4.160KV	9561.0	5210.9	.0	.0

STARTING MOTOR NAME		HP		
4P1A	***PRIOR****	.0	.000KV= .0% OF 4.000 KV	* MOTOR NOT STARTED YET *
4P1A	***DURING***	7000.0	3.291KV= 82.3% OF 4.000 KV	
4P1A	***AFTER****	7000.0	3.933KV= 98.3% OF 4.000 KV	

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4AB1	***PRIOR****	3.960KV= 95.2% OF 4.160KV	8219.6	5120.4	.0	.0
4AB1	***DURING***	3.857KV= 92.7% OF 4.160KV	8219.6	5120.4	.0	.0
4AB1	***AFTER****	3.949KV= 94.9% OF 4.160KV	8219.6	5120.4	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4AA2	***PRIOR****	3.963KV= 95.3% OF 4.160KV	5770.5	3260.7	.0	.0
4AA2	***DURING***	3.290KV= 79.1% OF 4.160KV	5770.5	3260.7	.0	.0
4AA2	***AFTER****	3.895KV= 93.6% OF 4.160KV	5770.5	3260.7	.0	.0

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4P7A	***PRIOR****	1250.0	3.950KV= 98.7% OF	4.000 KV	*	WARNING	WARNING	WARNING	*
4P7A	***DURING***	1250.0	3.274KV= 81.8% OF	4.000 KV	*	WARNING	WARNING	WARNING	*
4P7A	***AFTER****	1250.0	3.882KV= 97.0% OF	4.000 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4P7C	***PRIOR****	1250.0	3.950KV= 98.8% OF	4.000 KV	*	WARNING	WARNING	WARNING	*
4P7C	***DURING***	1250.0	3.274KV= 81.9% OF	4.000 KV	*	WARNING	WARNING	WARNING	*
4P7C	***AFTER****	1250.0	3.882KV= 97.0% OF	4.000 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4AD	***PRIOR****	3.912KV=	94.0% OF	4.160KV	626.9	409.2	.0	.0
4AD	***DURING***	3.808KV=	91.5% OF	4.160KV	626.9	409.2	.0	.0
4AD	***AFTER****	3.901KV=	93.8% OF	4.160KV	626.9	409.2	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B01	***PRIOR****	.452KV=	91.6% OF	.493KV	445.6	231.0	.0	.0
4B01	***DURING***	.368KV=	74.6% OF	.493KV	445.6	231.0	.0	.0
4B01	***AFTER****	.443KV=	89.9% OF	.493KV	445.6	231.0	.0	.0

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4P201A	***PRIOR****	150.0	.444KV= 96.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4P201A	***DURING***	150.0	.358KV= 77.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4P201A	***AFTER****	150.0	.435KV= 94.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4P214A	***PRIOR****	250.0	.446KV= 97.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4P214A	***DURING***	250.0	.361KV= 78.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4P214A	***AFTER****	250.0	.437KV= 95.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR ,

		HP							
4S6A	***PRIOR****	150.0	.446KV= 96.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4S6A	***DURING***	150.0	.361KV= 78.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4S6A	***AFTER****	150.0	.437KV= 95.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B03	***PRIOR****	.454KV= 92.0% OF	.493KV	83.0	51.6	266.4	2.4
4B03	***DURING***	.370KV= 75.1% OF	.493KV	83.0	51.6	177.5	1.6
4B03	***AFTER****	.445KV= 90.3% OF	.493KV	83.0	51.6	256.7	2.3

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4P212	***PRIOR****	100.0	.443KV= 96.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4P212	***DURING***	100.0	.357KV= 77.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4P212	***AFTER****	100.0	.434KV= 94.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B05V	***PRIOR****	.450KV= 91.3% OF	.493KV	169.6	104.7	.9	.0
4B05V	***DURING***	.366KV= 74.2% OF	.493KV	169.6	104.7	.6	.0
4B05V	***AFTER****	.442KV= 89.6% OF	.493KV	169.6	104.7	.8	.0

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4V1C	***PRIOR****	100.0	.442KV= 96.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V1C	***DURING***	100.0	.355KV= 77.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V1C	***AFTER****	100.0	.433KV= 94.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4V30B	***PRIOR****	30.0	.434KV= 94.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V30B	***DURING***	30.0	.346KV= 75.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V30B	***AFTER****	30.0	.426KV= 92.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4V3B	***PRIOR****	75.0	.444KV= 96.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V3B	***DURING***	75.0	.358KV= 77.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V3B	***AFTER****	75.0	.435KV= 94.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B05N	***PRIOR****	.449KV= 91.0% OF	.493KV	62.8	40.1	229.7	.0
4B05N	***DURING***	.365KV= 74.0% OF	.493KV	62.8	40.1	152.0	.0
4B05N	***AFTER****	.440KV= 89.3% OF	.493KV	62.8	40.1	221.2	.0

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4V14A	***PRIOR****	7.5	.438KV= 95.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V14A	***DURING***	7.5	.352KV= 76.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V14A	***AFTER****	7.5	.430KV= 93.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4V5	***PRIOR****	.5	.448KV= 97.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V5	***DURING***	.5	.365KV= 79.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V5	***AFTER****	.5	.440KV= 95.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4V16	***PRIOR****	2.0	.448KV= 97.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V16	***DURING***	2.0	.364KV= 79.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V16	***AFTER****	2.0	.439KV= 95.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4V18	***PRIOR****	7.5	.443KV= 96.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V18	***DURING***	7.5	.358KV= 77.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V18	***AFTER****	7.5	.434KV= 94.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
4V19A   ***PRIOR****     15.0     .445KV= 96.8% OF    .460 KV     *  WARNING WARNING  WARNING  *
4V19A   ***DURING***     15.0     .361KV= 78.5% OF    .460 KV     *  WARNING WARNING  WARNING  *
4V19A   ***AFTER****     15.0     .437KV= 95.0% OF    .460 KV     *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
4V31B   ***PRIOR****      3.0     .445KV= 96.7% OF    .460 KV     *  WARNING WARNING  WARNING  *
4V31B   ***DURING***      3.0     .360KV= 78.3% OF    .460 KV     *  WARNING WARNING  WARNING  *
4V31B   ***AFTER****      3.0     .436KV= 94.8% OF    .460 KV     *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
4V32B   ***PRIOR****      .8      .447KV= 97.2% OF    .460 KV     *  WARNING WARNING  WARNING  *
4V32B   ***DURING***      .8      .363KV= 78.9% OF    .460 KV     *  WARNING WARNING  WARNING  *
4V32B   ***AFTER****      .8      .439KV= 95.4% OF    .460 KV     *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
4V4     ***PRIOR****     5.0      .444KV= 96.5% OF    .460 KV     *  WARNING WARNING  WARNING  *
4V4     ***DURING***     5.0      .359KV= 78.1% OF    .460 KV     *  WARNING WARNING  WARNING  *
4V4     ***AFTER****     5.0      .436KV= 94.7% OF    .460 KV     *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
4V6A    ***PRIOR****     7.5      .444KV= 96.6% OF    .460 KV     *  WARNING WARNING  WARNING  *
4V6A    ***DURING***     7.5      .360KV= 78.2% OF    .460 KV     *  WARNING WARNING  WARNING  *
4V6A    ***AFTER****     7.5      .436KV= 94.7% OF    .460 KV     *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
4F20A/B***PRIOR****      1.5      .448KV= 97.3% OF    .460 KV     *  WARNING WARNING  WARNING  *
4F20A/B***DURING***      1.5      .364KV= 79.1% OF    .460 KV     *  WARNING WARNING  WARNING  *
4F20A/B***AFTER****      1.5      .439KV= 95.5% OF    .460 KV     *  WARNING WARNING  WARNING  *
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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4P90A	***PRIOR****	2.0	.446KV= 97.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4P90A	***DURING***	2.0	.362KV= 78.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4P90A	***AFTER****	2.0	.438KV= 95.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4P90B	***PRIOR****	2.0	.446KV= 97.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4P90B	***DURING***	2.0	.362KV= 78.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4P90B	***AFTER****	2.0	.438KV= 95.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4P90C	***PRIOR****	2.0	.446KV= 97.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4P90C	***DURING***	2.0	.362KV= 78.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4P90C	***AFTER****	2.0	.438KV= 95.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4XS75/7	***PRIOR****	20.0	.442KV= 96.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4XS75/7	***DURING***	20.0	.356KV= 77.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4XS75/7	***AFTER****	20.0	.433KV= 94.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B07	***PRIOR****	.451KV= 91.4% OF	.493KV	172.8	106.8	1.8	.0
4B07	***DURING***	.366KV= 74.3% OF	.493KV	172.8	106.8	1.2	.0
4B07	***AFTER****	.442KV= 89.7% OF	.493KV	172.8	106.8	1.7	.0

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
E16F	***PRIOR****	36.0	.446KV= 97.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*
E16F	***DURING***	36.0	.361KV= 78.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*
E16F	***AFTER****	36.0	.438KV= 95.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4P203A	***PRIOR****	15.0	.448KV= 97.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4P203A	***DURING***	15.0	.364KV= 79.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4P203A	***AFTER****	15.0	.440KV= 95.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4V1A	***PRIOR****	100.0	.447KV= 97.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V1A	***DURING***	100.0	.362KV= 78.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V1A	***AFTER****	100.0	.439KV= 95.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4V2A	***PRIOR****	60.0	.444KV= 96.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V2A	***DURING***	60.0	.359KV= 77.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V2A	***AFTER****	60.0	.436KV= 94.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B08	***PRIOR****	.447KV= 90.7% OF	.493KV	318.5	196.2	38.8	.0
4B08	***DURING***	.362KV= 73.5% OF	.493KV	318.5	196.2	25.5	.0
4B08	***AFTER****	.439KV= 89.0% OF	.493KV	318.5	196.2	37.3	.0

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4V1B	***PRIOR****	100.0	.444KV= 96.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V1B	***DURING***	100.0	.359KV= 77.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V1B	***AFTER****	100.0	.436KV= 94.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4V30A	***PRIOR****	30.0	.443KV= 96.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V30A	***DURING***	30.0	.358KV= 77.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V30A	***AFTER****	30.0	.435KV= 94.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4V3A	***PRIOR****	75.0	.443KV= 96.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V3A	***DURING***	75.0	.358KV= 77.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V3A	***AFTER****	75.0	.435KV= 94.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
S77A	***PRIOR****	3.4	.445KV= 96.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S77A	***DURING***	3.4	.360KV= 78.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S77A	***AFTER****	3.4	.437KV= 95.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
S78A	***PRIOR****	3.4	.445KV= 96.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S78A	***DURING***	3.4	.360KV= 78.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S78A	***AFTER****	3.4	.437KV= 95.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
S75A	***PRIOR****	5.0	.444KV= 96.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S75A	***DURING***	5.0	.359KV= 77.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*
S75A	***AFTER****	5.0	.436KV= 94.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
NS74A	***PRIOR****	50.5	.444KV= 96.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*
NS74A	***DURING***	50.5	.358KV= 77.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*
NS74A	***AFTER****	50.5	.435KV= 94.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
E16B/17	***PRIOR****	34.0	.434KV= 94.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*
E16B/17	***DURING***	34.0	.347KV= 75.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*
E16B/17	***AFTER****	34.0	.426KV= 92.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
V8A	***PRIOR****	40.0	.444KV= 96.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*
V8A	***DURING***	40.0	.359KV= 78.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*
V8A	***AFTER****	40.0	.436KV= 94.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
V10	***PRIOR****	10.0	.436KV= 94.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*
V10	***DURING***	10.0	.349KV= 75.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*
V10	***AFTER****	10.0	.428KV= 93.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
V29A	***PRIOR****	1.0	.447KV= 97.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*
V29A	***DURING***	1.0	.362KV= 78.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*
V29A	***AFTER****	1.0	.438KV= 95.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
V76/232	***PRIOR****	36.0	.441KV= 95.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*
V76/232	***DURING***	36.0	.355KV= 77.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*
V76/232	***AFTER****	36.0	.433KV= 94.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B50	***PRIOR****	.448KV= 90.9% OF	.493KV	122.8	60.2	.0	.0
4B50	***DURING***	.363KV= 73.7% OF	.493KV	122.8	60.2	.0	.0
4B50	***AFTER****	.440KV= 89.2% OF	.493KV	122.8	60.2	.0	.0

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4P201C	***PRIOR****	150.0	.442KV= 96.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4P201C	***DURING***	150.0	.357KV= 77.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4P201C	***AFTER****	150.0	.434KV= 94.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B51	***PRIOR****	.445KV= 90.2% OF	.493KV	131.5	81.4	.9	.0
4B51	***DURING***	.359KV= 72.9% OF	.493KV	131.5	81.4	.6	.0
4B51	***AFTER****	.436KV= 88.5% OF	.493KV	131.5	81.4	.8	.0

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4P244A	***PRIOR****	1.0	.445KV= 96.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4P244A	***DURING***	1.0	.359KV= 78.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4P244A	***AFTER****	1.0	.436KV= 94.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4V63A	***PRIOR****	2.0	.445KV= 96.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V63A	***DURING***	2.0	.359KV= 78.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V63A	***AFTER****	2.0	.436KV= 94.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4V70A	***PRIOR****	.5	.445KV= 96.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V70A	***DURING***	.5	.359KV= 78.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V70A	***AFTER****	.5	.436KV= 94.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4V65A	***PRIOR****	2.0	.445KV= 96.6% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V65A	***DURING***	2.0	.359KV= 78.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V65A	***AFTER****	2.0	.436KV= 94.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4V67A	***PRIOR****	40.0	.444KV= 96.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V67A	***DURING***	40.0	.358KV= 77.9% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V67A	***AFTER****	40.0	.435KV= 94.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
4V64A  ***PRIOR****      3.0      .445KV= 96.7% OF    .460 KV     *  WARNING WARNING  WARNING  *
4V64A  ***DURING***      3.0      .359KV= 78.0% OF    .460 KV     *  WARNING WARNING  WARNING  *
4V64A  ***AFTER****      3.0      .436KV= 94.8% OF    .460 KV     *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
4P241A ***PRIOR****      1.0      .444KV= 96.6% OF    .460 KV     *  WARNING WARNING  WARNING  *
4P241A ***DURING***      1.0      .359KV= 78.0% OF    .460 KV     *  WARNING WARNING  WARNING  *
4P241A ***AFTER****      1.0      .436KV= 94.8% OF    .460 KV     *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
4S226A ***PRIOR****     15.0      .443KV= 96.2% OF    .460 KV     *  WARNING WARNING  WARNING  *
4S226A ***DURING***     15.0      .357KV= 77.5% OF    .460 KV     *  WARNING WARNING  WARNING  *
4S226A ***AFTER****     15.0      .434KV= 94.4% OF    .460 KV     *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
4V68A  ***PRIOR****     40.0      .444KV= 96.5% OF    .460 KV     *  WARNING WARNING  WARNING  *
4V68A  ***DURING***     40.0      .358KV= 77.8% OF    .460 KV     *  WARNING WARNING  WARNING  *
4V68A  ***AFTER****     40.0      .435KV= 94.6% OF    .460 KV     *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
4P245A ***PRIOR****      .8       .445KV= 96.7% OF    .460 KV     *  WARNING WARNING  WARNING  *
4P245A ***DURING***      .8       .359KV= 78.1% OF    .460 KV     *  WARNING WARNING  WARNING  *
4P245A ***AFTER****      .8       .436KV= 94.8% OF    .460 KV     *  WARNING WARNING  WARNING  *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR
                          HP
4V69A  ***PRIOR****     40.0      .444KV= 96.5% OF    .460 KV     *  WARNING WARNING  WARNING  *
4V69A  ***DURING***     40.0      .358KV= 77.8% OF    .460 KV     *  WARNING WARNING  WARNING  *
4V69A  ***AFTER****     40.0      .435KV= 94.6% OF    .460 KV     *  WARNING WARNING  WARNING  *
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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4S231A	***PRIOR****	9.5	.443KV= 96.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4S231A	***DURING***	9.5	.358KV= 77.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4S231A	***AFTER****	9.5	.435KV= 94.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4S230	***PRIOR****	7.0	.443KV= 96.4% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4S230	***DURING***	7.0	.357KV= 77.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4S230	***AFTER****	7.0	.435KV= 94.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4AB2	***PRIOR****	3.917KV= 94.1% OF	4.160KV	5770.1	3260.2	.0	.0
4AB2	***DURING***	3.812KV= 91.6% OF	4.160KV	5770.1	3260.2	.0	.0
4AB2	***AFTER****	3.905KV= 93.9% OF	4.160KV	5770.1	3260.2	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B02	***PRIOR****	.456KV= 92.5% OF	.493KV	206.9	113.0	.0	.0
4B02	***DURING***	.444KV= 90.0% OF	.493KV	206.9	113.0	.0	.0
4B02	***AFTER****	.455KV= 92.3% OF	.493KV	206.9	113.0	.0	.0

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4V1D	***PRIOR****	100.0	.442KV= 96.1% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V1D	***DURING***	100.0	.429KV= 93.3% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V1D	***AFTER****	100.0	.441KV= 95.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B04	***PRIOR****	.456KV= 92.6% OF	.492KV	260.8	131.2	.0	.0
4B04	***DURING***	.443KV= 90.0% OF	.492KV	260.8	131.2	.0	.0
4B04	***AFTER****	.454KV= 92.3% OF	.492KV	260.8	131.2	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B06	***PRIOR****	.454KV= 92.0% OF	.493KV	191.2	117.4	31.2	.0
4B06	***DURING***	.441KV= 89.5% OF	.493KV	191.2	117.4	29.5	.0
4B06	***AFTER****	.452KV= 91.8% OF	.493KV	191.2	117.4	31.0	.0

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4V19B	***PRIOR****	15.0	.442KV= 96.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V19B	***DURING***	15.0	.429KV= 93.2% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V19B	***AFTER****	15.0	.440KV= 95.7% OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4V30C	***PRIOR****	30.0	.441KV= 95.8% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V30C	***DURING***	30.0	.428KV= 93.0% OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V30C	***AFTER****	30.0	.439KV= 95.5% OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B52	***PRIOR****	.448KV= 91.0% OF	.492KV	125.8	77.9	.9	.0
4B52	***DURING***	.436KV= 88.4% OF	.492KV	125.8	77.9	.8	.0
4B52	***AFTER****	.447KV= 90.8% OF	.492KV	125.8	77.9	.9	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B53	***PRIOR****	.452KV= 91.7% OF	.493KV	14.6	9.0	23.9	.0
4B53	***DURING***	.368KV= 74.7% OF	.493KV	14.6	9.0	15.9	.0
4B53	***AFTER****	.444KV= 90.0% OF	.493KV	14.6	9.0	23.1	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B54	***PRIOR****	.456KV= 92.5% OF	.492KV	14.6	9.0	24.3	.0
4B54	***DURING***	.443KV= 90.0% OF	.492KV	14.6	9.0	23.0	.0
4B54	***AFTER****	.454KV= 92.2% OF	.492KV	14.6	9.0	24.2	.0

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NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
2BUS114	***PRIOR****	233.975KV=100.4% OF233.000KV	.0	.0	.0	.0
2BUS114	***DURING***	232.215KV= 99.7% OF233.000KV	.0	.0	.0	.0
2BUS114	***AFTER****	233.750KV=100.3% OF233.000KV	.0	.0	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4AA1	***PRIOR****	4.018KV= 96.6% OF 4.160KV	4109.3	2559.5	.0	.0
4AA1	***DURING***	3.924KV= 94.3% OF 4.160KV	4109.3	2559.5	.0	.0
4AA1	***AFTER****	4.006KV= 96.3% OF 4.160KV	4109.3	2559.5	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4AB1	***PRIOR****	4.022KV= 96.7% OF 4.160KV	4111.1	2563.0	.0	.0
4AB1	***DURING***	3.405KV= 81.8% OF 4.160KV	9301.1	27650.2	.0	.0
4AB1	***AFTER****	3.948KV= 94.9% OF 4.160KV	8982.9	5598.0	.0	.0

STARTING MOTOR NAME		HP			
4P200B	***PRIOR****	.0	.000KV= .0% OF 4.000 KV		* MOTOR NOT STARTED YET *
4P200B	***DURING***	6000.0	3.328KV= 83.2% OF 4.000 KV		
4P200B	***AFTER****	6000.0	3.937KV= 98.4% OF 4.000 KV		

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4AA2	***PRIOR****	3.973KV= 95.5% OF 4.160KV	5770.5	3260.7	.0	.0
4AA2	***DURING***	3.878KV= 93.2% OF 4.160KV	5770.5	3260.7	.0	.0
4AA2	***AFTER****	3.961KV= 95.2% OF 4.160KV	5770.5	3260.7	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4AD	***PRIOR****	3.974KV= 95.5% OF 4.160KV	626.9	409.2	.0	.0
4AD	***DURING***	3.348KV= 80.5% OF 4.160KV	626.9	409.2	.0	.0
4AD	***AFTER****	3.900KV= 93.8% OF 4.160KV	626.9	409.2	.0	.0

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NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B01	***PRIOR****	.453KV= 91.9% OF	.493KV	445.6	231.0	.0	.0
4B01	***DURING***	.441KV= 89.5% OF	.493KV	445.6	231.0	.0	.0
4B01	***AFTER****	.452KV= 91.6% OF	.493KV	445.6	231.0	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B03	***PRIOR****	.455KV= 92.3% OF	.493KV	83.0	51.6	267.8	2.4
4B03	***DURING***	.443KV= 89.9% OF	.493KV	83.0	51.6	254.3	2.3
4B03	***AFTER****	.454KV= 92.0% OF	.493KV	83.0	51.6	266.1	2.4

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B05V	***PRIOR****	.451KV= 91.6% OF	.493KV	169.6	104.7	.9	.0
4B05V	***DURING***	.440KV= 89.2% OF	.493KV	169.6	104.7	.8	.0
4B05V	***AFTER****	.450KV= 91.3% OF	.493KV	169.6	104.7	.9	.0

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP				
4V1C	***PRIOR****	100.0	.443KV= 96.3% OF	.460 KV	*	WARNING WARNING WARNING *
4V1C	***DURING***	100.0	.431KV= 93.6% OF	.460 KV	*	WARNING WARNING WARNING *
4V1C	***AFTER****	100.0	.441KV= 95.9% OF	.460 KV	*	WARNING WARNING WARNING *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP				
4V30B	***PRIOR****	30.0	.436KV= 94.7% OF	.460 KV	*	WARNING WARNING WARNING *
4V30B	***DURING***	30.0	.423KV= 92.0% OF	.460 KV	*	WARNING WARNING WARNING *
4V30B	***AFTER****	30.0	.434KV= 94.4% OF	.460 KV	*	WARNING WARNING WARNING *

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B05N	***PRIOR****	.450KV= 91.2% OF	.493KV	62.8	40.1	231.0	.0
4B05N	***DURING***	.438KV= 88.9% OF	.493KV	62.8	40.1	219.1	.0
4B05N	***AFTER****	.448KV= 90.9% OF	.493KV	62.8	40.1	229.5	.0

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NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B07	***PRIOR****	.452KV= 91.6% OF	.493KV	172.8	106.8	1.8	.0
4B07	***DURING***	.440KV= 89.3% OF	.493KV	172.8	106.8	1.7	.0
4B07	***AFTER****	.450KV= 91.3% OF	.493KV	172.8	106.8	1.8	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B08	***PRIOR****	.448KV= 90.9% OF	.493KV	318.5	196.2	39.0	.0
4B08	***DURING***	.437KV= 88.6% OF	.493KV	318.5	196.2	36.9	.0
4B08	***AFTER****	.447KV= 90.6% OF	.493KV	318.5	196.2	38.7	.0

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

	HP				
E16B/17***PRIOR****	34.0	.436KV= 94.7% OF	.460 KV	*	WARNING WARNING WARNING *
E16B/17***DURING***	34.0	.424KV= 92.1% OF	.460 KV	*	WARNING WARNING WARNING *
E16B/17***AFTER****	34.0	.434KV= 94.4% OF	.460 KV	*	WARNING WARNING WARNING *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

	HP				
V10 ***PRIOR****	10.0	.438KV= 95.2% OF	.460 KV	*	WARNING WARNING WARNING *
V10 ***DURING***	10.0	.426KV= 92.5% OF	.460 KV	*	WARNING WARNING WARNING *
V10 ***AFTER****	10.0	.436KV= 94.8% OF	.460 KV	*	WARNING WARNING WARNING *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

	HP				
V76/232***PRIOR****	36.0	.442KV= 96.2% OF	.460 KV	*	WARNING WARNING WARNING *
V76/232***DURING***	36.0	.430KV= 93.6% OF	.460 KV	*	WARNING WARNING WARNING *
V76/232***AFTER****	36.0	.441KV= 95.8% OF	.460 KV	*	WARNING WARNING WARNING *

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B50	***PRIOR****	.449KV= 91.1% OF	.493KV	122.8	60.2	.0	.0
4B50	***DURING***	.437KV= 88.7% OF	.493KV	122.8	60.2	.0	.0
4B50	***AFTER****	.448KV= 90.8% OF	.493KV	122.8	60.2	.0	.0

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NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B51	***PRIOR****	.446KV= 90.5% OF	.493KV	131.5	81.4	.9	.0
4B51	***DURING***	.434KV= 88.1% OF	.493KV	131.5	81.4	.8	.0
4B51	***AFTER****	.445KV= 90.2% OF	.493KV	131.5	81.4	.9	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4AB2	***PRIOR****	3.979KV= 95.6% OF	4.160KV	5770.1	3260.2	.0	.0
4AB2	***DURING***	3.353KV= 80.6% OF	4.160KV	5770.1	3260.2	.0	.0
4AB2	***AFTER****	3.905KV= 93.9% OF	4.160KV	5770.1	3260.2	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B02	***PRIOR****	.464KV= 94.0% OF	.493KV	206.9	113.0	.0	.0
4B02	***DURING***	.388KV= 78.7% OF	.493KV	206.9	113.0	.0	.0
4B02	***AFTER****	.455KV= 92.2% OF	.493KV	206.9	113.0	.0	.0

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP				
4P201B	***PRIOR****	150.0	.453KV= 98.5% OF	.460 KV	*	WARNING WARNING WARNING *
4P201B	***DURING***	150.0	.375KV= 81.6% OF	.460 KV	*	WARNING WARNING WARNING *
4P201B	***AFTER****	150.0	.444KV= 96.5% OF	.460 KV	*	WARNING WARNING WARNING *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP				
4V1D	***PRIOR****	100.0	.450KV= 97.8% OF	.460 KV	*	WARNING WARNING WARNING *
4V1D	***DURING***	100.0	.371KV= 80.7% OF	.460 KV	*	WARNING WARNING WARNING *
4V1D	***AFTER****	100.0	.441KV= 95.8% OF	.460 KV	*	WARNING WARNING WARNING *

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B04	***PRIOR****	.463KV= 94.1% OF	.492KV	260.8	131.2	.0	.0
4B04	***DURING***	.388KV= 78.7% OF	.492KV	260.8	131.2	.0	.0
4B04	***AFTER****	.454KV= 92.3% OF	.492KV	260.8	131.2	.0	.0

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NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B06	***PRIOR****	.461KV= 93.6%	OF	.493KV	191.2	117.4	32.3	.0
4B06	***DURING***	.385KV= 78.1%	OF	.493KV	191.2	117.4	22.5	.0
4B06	***AFTER****	.452KV= 91.7%	OF	.493KV	191.2	117.4	31.0	.0

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP								
4V19B	***PRIOR****	15.0	.449KV= 97.7%	OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V19B	***DURING***	15.0	.371KV= 80.6%	OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V19B	***AFTER****	15.0	.440KV= 95.7%	OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP								
4V2B	***PRIOR****	60.0	.453KV= 98.4%	OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V2B	***DURING***	60.0	.375KV= 81.5%	OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V2B	***AFTER****	60.0	.444KV= 96.4%	OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP								
4V30C	***PRIOR****	30.0	.448KV= 97.5%	OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V30C	***DURING***	30.0	.370KV= 80.4%	OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V30C	***AFTER****	30.0	.439KV= 95.5%	OF	.460 KV	*	WARNING	WARNING	WARNING	*

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP								
4V3C	***PRIOR****	75.0	.453KV= 98.6%	OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V3C	***DURING***	75.0	.376KV= 81.7%	OF	.460 KV	*	WARNING	WARNING	WARNING	*
4V3C	***AFTER****	75.0	.444KV= 96.6%	OF	.460 KV	*	WARNING	WARNING	WARNING	*

NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B52	***PRIOR****	.456KV= 92.6%	OF	.492KV	125.8	77.9	.9	.0
4B52	***DURING***	.379KV= 76.9%	OF	.492KV	125.8	77.9	.6	.0
4B52	***AFTER****	.447KV= 90.7%	OF	.492KV	125.8	77.9	.9	.0

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CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4S226B	***PRIOR****	15.0	.454KV=	98.8% OF	.460 KV	*	WARNING	WARNING	WARNING *
4S226B	***DURING***	15.0	.377KV=	82.0% OF	.460 KV	*	WARNING	WARNING	WARNING *
4S226B	***AFTER****	15.0	.445KV=	96.8% OF	.460 KV	*	WARNING	WARNING	WARNING *

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP							
4S231B	***PRIOR****	9.5	.454KV=	98.8% OF	.460 KV	*	WARNING	WARNING	WARNING *
4S231B	***DURING***	9.5	.377KV=	82.0% OF	.460 KV	*	WARNING	WARNING	WARNING *
4S231B	***AFTER****	9.5	.445KV=	96.8% OF	.460 KV	*	WARNING	WARNING	WARNING *

NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B53	***PRIOR****	.453KV=	91.9% OF	.493KV	14.6	9.0	24.1	.0
4B53	***DURING***	.441KV=	89.5% OF	.493KV	14.6	9.0	22.8	.0
4B53	***AFTER****	.452KV=	91.6% OF	.493KV	14.6	9.0	23.9	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS			MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B54	***PRIOR****	.463KV=	94.0% OF	.492KV	14.6	9.0	25.1	.0
4B54	***DURING***	.387KV=	78.7% OF	.492KV	14.6	9.0	17.6	.0
4B54	***AFTER****	.454KV=	92.2% OF	.492KV	14.6	9.0	24.2	.0

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NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
2BUS114	***PRIOR****	233.823KV=100.4% OF233.000KV	.0	.0	.0	.0
2BUS114	***DURING***	233.675KV=100.3% OF233.000KV	.0	.0	.0	.0
2BUS114	***AFTER****	233.805KV=100.3% OF233.000KV	.0	.0	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4AA1	***PRIOR****	4.016KV= 96.5% OF 4.160KV	4109.3	2559.5	.0	.0
4AA1	***DURING***	3.987KV= 95.8% OF 4.160KV	4109.3	2559.5	.0	.0
4AA1	***AFTER****	4.013KV= 96.5% OF 4.160KV	4109.3	2559.5	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4AB1	***PRIOR****	3.965KV= 95.3% OF 4.160KV	8219.6	5120.4	.0	.0
4AB1	***DURING***	3.935KV= 94.6% OF 4.160KV	8219.6	5120.4	.0	.0
4AB1	***AFTER****	3.962KV= 95.2% OF 4.160KV	8219.6	5120.4	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4AA2	***PRIOR****	3.975KV= 95.5% OF 4.160KV	5770.5	3260.7	.0	.0
4AA2	***DURING***	3.932KV= 94.5% OF 4.160KV	5770.5	3260.7	.0	.0
4AA2	***AFTER****	3.970KV= 95.4% OF 4.160KV	5770.5	3260.7	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4AD	***PRIOR****	3.919KV= 94.2% OF 4.160KV	626.9	409.2	.0	.0
4AD	***DURING***	3.876KV= 93.2% OF 4.160KV	626.9	409.2	.0	.0
4AD	***AFTER****	3.915KV= 94.1% OF 4.160KV	626.9	409.2	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS	MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B01	***PRIOR****	.459KV= 93.1% OF .493KV	245.7	137.3	.0	.0
4B01	***DURING***	.419KV= 84.9% OF .493KV	434.2	1189.0	.0	.0
4B01	***AFTER****	.455KV= 92.2% OF .493KV	445.6	231.0	.0	.0

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STARTING MOTOR NAME		HP				
4P214A	***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *	
4P214A	***DURING***	250.0	.379KV= 82.3% OF	.460 KV		
4P214A	***AFTER****	250.0	.449KV= 97.6% OF	.460 KV		

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B03	***PRIOR****	.459KV= 93.1% OF	.493KV	83.0	51.6	272.6	2.4
4B03	***DURING***	.454KV= 92.0% OF	.493KV	83.0	51.6	266.5	2.4
4B03	***AFTER****	.458KV= 93.0% OF	.493KV	83.0	51.6	271.9	2.4

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B05V	***PRIOR****	.458KV= 92.9% OF	.493KV	87.0	53.4	.9	.0
4B05V	***DURING***	.418KV= 84.8% OF	.493KV	87.0	53.4	.8	.0
4B05V	***AFTER****	.454KV= 92.1% OF	.493KV	87.0	53.4	.9	.0

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

		HP			
4V30B	***PRIOR****	30.0	.442KV= 96.2% OF	.460 KV	* WARNING WARNING WARNING *
4V30B	***DURING***	30.0	.401KV= 87.1% OF	.460 KV	* WARNING WARNING WARNING *
4V30B	***AFTER****	30.0	.438KV= 95.2% OF	.460 KV	* WARNING WARNING WARNING *

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B05N	***PRIOR****	.456KV= 92.4% OF	.493KV	62.8	40.1	236.9	.0
4B05N	***DURING***	.415KV= 84.3% OF	.493KV	62.8	40.1	197.0	.0
4B05N	***AFTER****	.451KV= 91.5% OF	.493KV	62.8	40.1	232.5	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B07	***PRIOR****	.457KV= 92.8% OF	.493KV	91.1	56.2	1.8	.0
4B07	***DURING***	.452KV= 91.7% OF	.493KV	91.1	56.2	1.8	.0
4B07	***AFTER****	.457KV= 92.6% OF	.493KV	91.1	56.2	1.8	.0

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NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B08	***PRIOR****	.454KV= 92.0% OF	.493KV	236.8	145.6	39.9	.0
4B08	***DURING***	.449KV= 91.0% OF	.493KV	236.8	145.6	39.0	.0
4B08	***AFTER****	.453KV= 91.9% OF	.493KV	236.8	145.6	39.8	.0

CAUTION: POSSIBLE VOLTAGE PROBLEM ON THE FOLLOWING MOTOR

	HP				
E16B/17***PRIOR****	34.0	.441KV= 95.9% OF	.460 KV	*	WARNING WARNING WARNING *
E16B/17***DURING***	34.0	.436KV= 94.7% OF	.460 KV	*	WARNING WARNING WARNING *
E16B/17***AFTER****	34.0	.441KV= 95.8% OF	.460 KV	*	WARNING WARNING WARNING *

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B50	***PRIOR****	.454KV= 92.2% OF	.493KV	122.8	60.2	.0	.0
4B50	***DURING***	.449KV= 91.1% OF	.493KV	122.8	60.2	.0	.0
4B50	***AFTER****	.454KV= 92.0% OF	.493KV	122.8	60.2	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B51	***PRIOR****	.452KV= 91.7% OF	.493KV	131.5	81.4	.9	.0
4B51	***DURING***	.411KV= 83.4% OF	.493KV	131.5	81.4	.7	.0
4B51	***AFTER****	.448KV= 90.8% OF	.493KV	131.5	81.4	.9	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4AB2	***PRIOR****	3.924KV= 94.3% OF	4.160KV	5770.1	3260.2	.0	.0
4AB2	***DURING***	3.881KV= 93.3% OF	4.160KV	5770.1	3260.2	.0	.0
4AB2	***AFTER****	3.919KV= 94.2% OF	4.160KV	5770.1	3260.2	.0	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B02	***PRIOR****	.459KV= 93.1% OF	.493KV	123.3	61.1	.0	.0
4B02	***DURING***	.454KV= 92.0% OF	.493KV	123.3	61.1	.0	.0
4B02	***AFTER****	.458KV= 93.0% OF	.493KV	123.3	61.1	.0	.0

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NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B04	***PRIOR****	.460KV= 93.4% OF	.492KV	61.1	38.0	.0	.0
4B04	***DURING***	.420KV= 85.3% OF	.492KV	249.9	1112.5	.0	.0
4B04	***AFTER****	.456KV= 92.6% OF	.492KV	260.8	131.2	.0	.0

STARTING MOTOR NAME		HP			
4P214B	***PRIOR****	.0	.000KV= .0% OF	.460 KV	* MOTOR NOT STARTED YET *
4P214B	***DURING***	250.0	.386KV= 83.8% OF	.460 KV	
4P214B	***AFTER****	250.0	.451KV= 98.1% OF	.460 KV	

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B06	***PRIOR****	.456KV= 92.6% OF	.493KV	191.2	117.4	31.6	.0
4B06	***DURING***	.451KV= 91.5% OF	.493KV	191.2	117.4	30.9	.0
4B06	***AFTER****	.456KV= 92.5% OF	.493KV	191.2	117.4	31.5	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B52	***PRIOR****	.453KV= 91.9% OF	.492KV	125.8	77.9	.9	.0
4B52	***DURING***	.412KV= 83.6% OF	.492KV	125.8	77.9	.7	.0
4B52	***AFTER****	.449KV= 91.1% OF	.492KV	125.8	77.9	.9	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B53	***PRIOR****	.459KV= 93.1% OF	.493KV	14.6	9.0	24.7	.0
4B53	***DURING***	.419KV= 84.9% OF	.493KV	14.6	9.0	20.5	.0
4B53	***AFTER****	.455KV= 92.2% OF	.493KV	14.6	9.0	24.2	.0

NAME OF BUS	CONDITION	VOLTAGE AT BUS		MOTOR KW	MOTOR KVAR	STATIC KW	STATIC KVAR
4B54	***PRIOR****	.460KV= 93.4% OF	.492KV	14.6	9.0	24.8	.0
4B54	***DURING***	.420KV= 85.2% OF	.492KV	14.6	9.0	20.6	.0
4B54	***AFTER****	.456KV= 92.6% OF	.492KV	14.6	9.0	24.4	.0

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