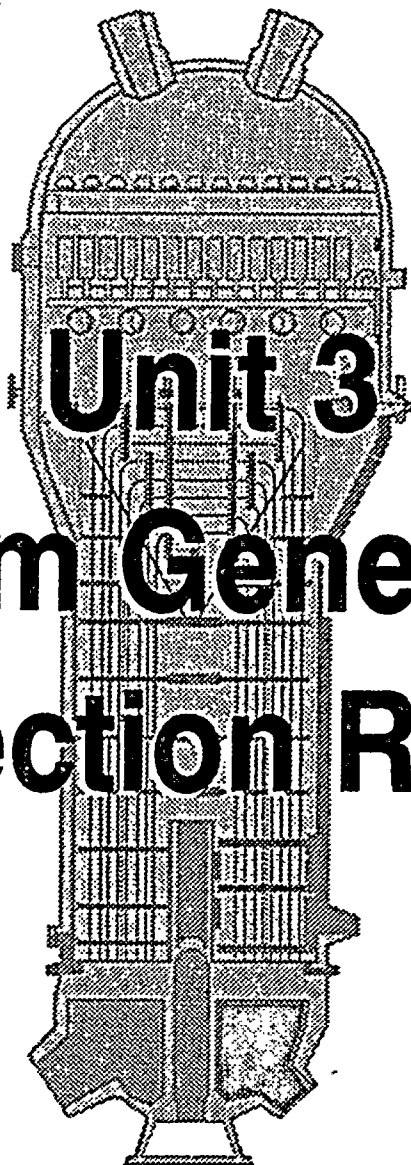


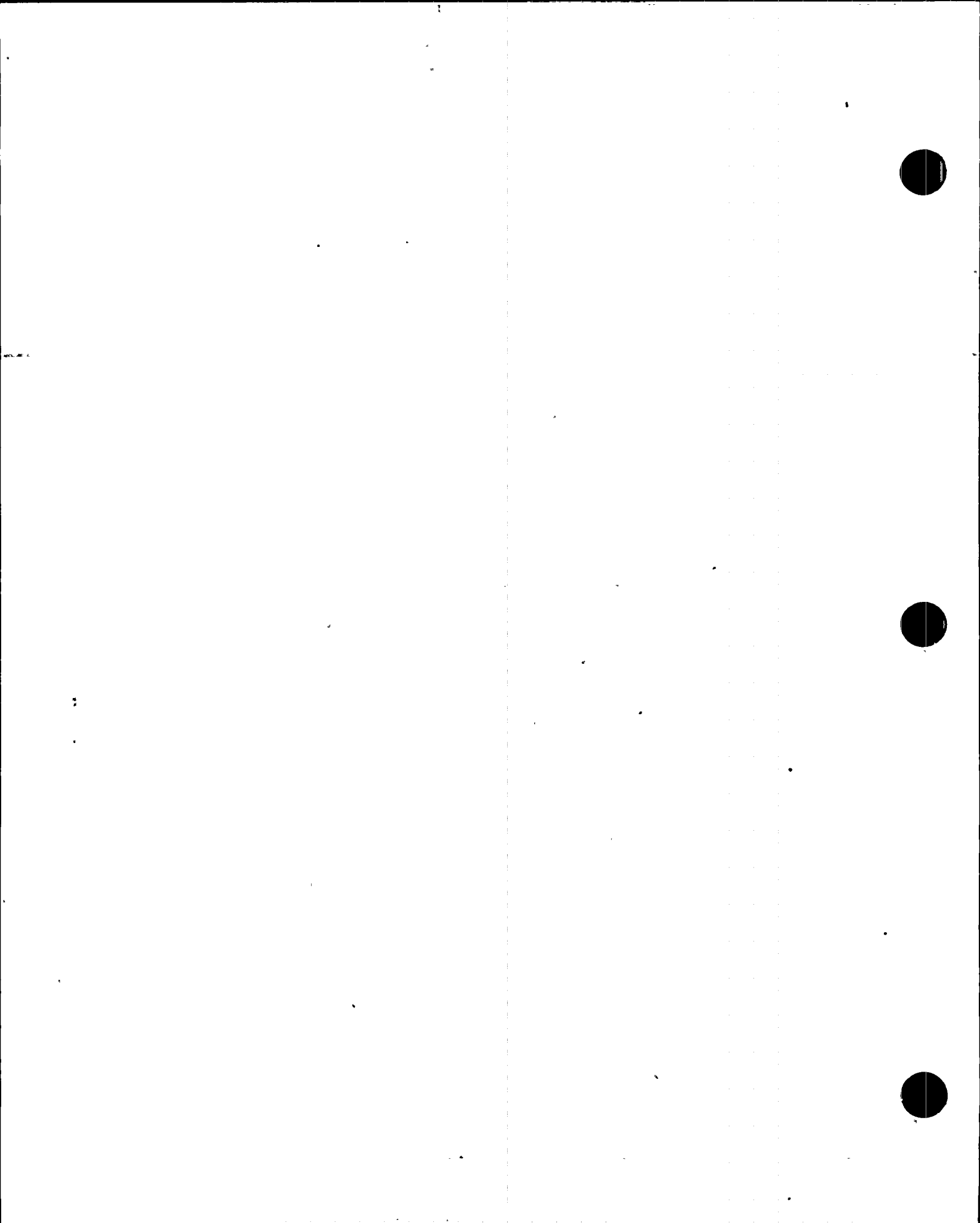
Palo Verde Nuclear Generating Station



Unit 3 Steam Generator Inspection Report

**Mid-Cycle Outage
December 1993**





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1

PALO VERDE NUCLEAR GENERATING STATION
UNIT 3
STEAM GENERATOR EDDY CURRENT EXAMINATION
MIDCYCLE OUTAGE
DECEMBER 1993

ARIZONA PUBLIC SERVICE
P.O. BOX 52034
PHOENIX, AZ 85072

UNIT 3 STEAM GENERATOR EDDY CURRENT EXAMINATION

1.0 Summary

Due to findings associated with the Unit 2 fourth refueling outage eddy current testing and tube rupture incident, it was felt that a reevaluation of Unit 3 third refueling outage data should be performed. The findings from the reevaluation resulted in 7 tubes (6 in SG 31 and 1 in SG 32) having either non-quantifiable indications (NQI) or possible axial indications (PAI) associated with them. A midcycle outage was then scheduled to conduct further eddy current testing of these 7 suspect tubes and other tubes in high interest areas.

Eddy current examinations for this outage were conducted during December 1993. The initial examination plan for both steam generators was to perform full length bobbin coil examinations of 100% (approximately 4000 tubes) of the tubes within the analytical arc defined by the Unit 2 steam generator tube rupture analysis report. Motorized rotating pancake coil (MRPC) was to be performed on approximately 20% of the tubing at the hotleg tubesheet location (TSH). Approximately 200 tubes in the high susceptibility area of the arc were to be examined using MRPC from the first batwing (BW1) to the first vertical support (VS1). The 7 suspect tubes identified during the reevaluation were to be MRPC examined from the 8th support in the hot leg (08H) to VS1.

There was only one expansion program conducted during this outage. The steam generator 32 TSH MRPC program was expanded to include 100% of the tubing

The examinations resulted in 16 tubes being plugged in steam generator 31 and 20 tubes being plugged in steam generator 32.

2.0 Examination Discussion

The examination plan was developed in response to the findings associated with the Unit 2 fourth refueling eddy current testing, the Unit 1 fourth refueling eddy current testing, and the reevaluation of the Unit 3 third refueling outage data. A complete set of maps of the preliminary plan as well as the expansion area is located in Appendix B.

The extent of examinations for each steam generator was as follows:

Steam Generator #31

- Bobbin coil examinations were completed in accordance with the original inspection plan. Appendix D contains maps of bobbin coil examined areas.
- MRPC examinations were completed in accordance with the original inspection plan. Appendix D contains maps of the tubes examined using MRPC.

Steam Generator #32

- Bobbin coil examinations were completed in accordance with the original inspection plan. Appendix D contains maps of bobbin coil examined areas.
- Due to four tubes containing circumferential indications at the top of the hot leg tube sheet, a program expansion to include 100% top of tubesheet MRPC examinations was initiated.
- MRPC examinations were completed in accordance with the original inspection plan as well as the additional program expansion. Appendix D contains maps of the tubes examined using MRPC.

3.0 Examination Results

A tabulation of the examination results are located in Table 1 of this report; In addition, Appendix A contains a reference drawing showing steam generator support locations and legend. The summary data sheets of Appendix C list all tubes in each steam generator with indications expressed as a percent wall thickness reduction, or as an analysis code. Appendix E contains summary data sheets for tubes classified as possible loose parts (PLP) and possible loose parts with wear indication(s) (PLI).

The results of specific examinations for each steam generator are as follows.

Steam Generator #31

The examinations (bobbin and MRPC) resulted in 11 defective tubes ($\geq 40\%$ wear), 301 degraded tubes ($\geq 20\%$ wear) and 7 tubes containing single volumetric indications (SVI). All 11 defective tubes were subsequently plugged. 2 of the degraded tubes had wear $>35\%$ and had no wear associated with them in 1992. Due to the apparent growth rate of these tubes they were plugged. The SVI's were further analyzed to determine if they were new indications, changed indications or were unchanged. It was determined by reviewing previous data that 1 of the SVI's was new, 2 had changed, and the remaining 4 had not changed. The new SVI and the 2 SVI's that had changed were plugged.

The examinations also resulted in 8 tubes being characterized as having possible loose parts (PLP). However, none of the 8 tubes had any wear associated with the loose parts.

No tubes were determined to contain axial or circumferential cracking, including the 6 suspect tubes resulting from the September 1993 reevaluation of the third refueling outage data.

Steam Generator #32

The examinations (bobbin and MRPC) resulted in 8 defective tubes ($\geq 40\%$ wear), 158 degraded tubes ($\geq 20\%$ wear) and 12 tubes containing single volumetric indications (SVI). All 8 defective tubes were subsequently plugged. Three of the degraded tubes had wear $>34\%$ and had no wear associated with them in 1992. Due to the apparent growth rate of these tubes they were plugged. The SVI's were further analyzed to determine if they were new indications, changed indications or were unchanged. It was determined by evaluating previous data that 2 of SVI's were new, 3 had changed, and the remaining 7 had not changed. The 2 new SVI's and the 3 SVI's that had changed were plugged.

The initial MRPC of 20% of the tubing at the top of the hot leg tubesheet resulted in 4 tubes being characterized as containing circumferential

indications. Three of these tubes contained single circumferential indications (SCI's), and 1 tube contained multiple circumferential indications (MCI's). All 4 tubes containing circumferential indications were plugged. No additional circumferential indications were located in the MRPC expansion region. No evidence of axial cracking was noted in any of the tubes examined.

The single suspect tube resulting from the September 1993 reevaluation of the third refueling outage data contained no sign of axial or circumferential cracking.

The examinations also resulted in 11 tubes being characterized as having possible loose parts (PLP). One tube was characterized as having a possible loose part with a wear indication (PLI).

TABLE 1
INDICATION SUMMARY

INDICATION CATEGORY	STEAM GENERATOR 31	STEAM GENERATOR 32
Corner Eggcrate Wear ≥20% <40% ≥40%	0 0	0 0
Eggcrate Wear ≥20% <40% ≥40%	105 3	60 3
Flow Dist Plate Wear ≥20% <40% ≥40%	0 0	0 0
Batwing Wear ≥20% <40% ≥40%	145 5	66 3
Vertical Strap Wear ≥20% <40% ≥40%	51 3	31 2
Possible Loose Parts PLI PLP	0 8	1 11
Axial Indications	0	0
Circumferential Indications	0	4
Single Volumetric Indications	no change 4	new/changed 3
Other	0	0

4.0 Examination Techniques and Equipment

The eddy current examination was performed by Conam Nuclear Inc. using Zetec MIZ 30 digital data acquisition and analysis systems. The following frequencies were used for the tube examination(s):

500 KHZ
300 KHZ
100 KHZ
20 KHZ

NOTE: All frequencies were utilized in both differential and absolute modes.

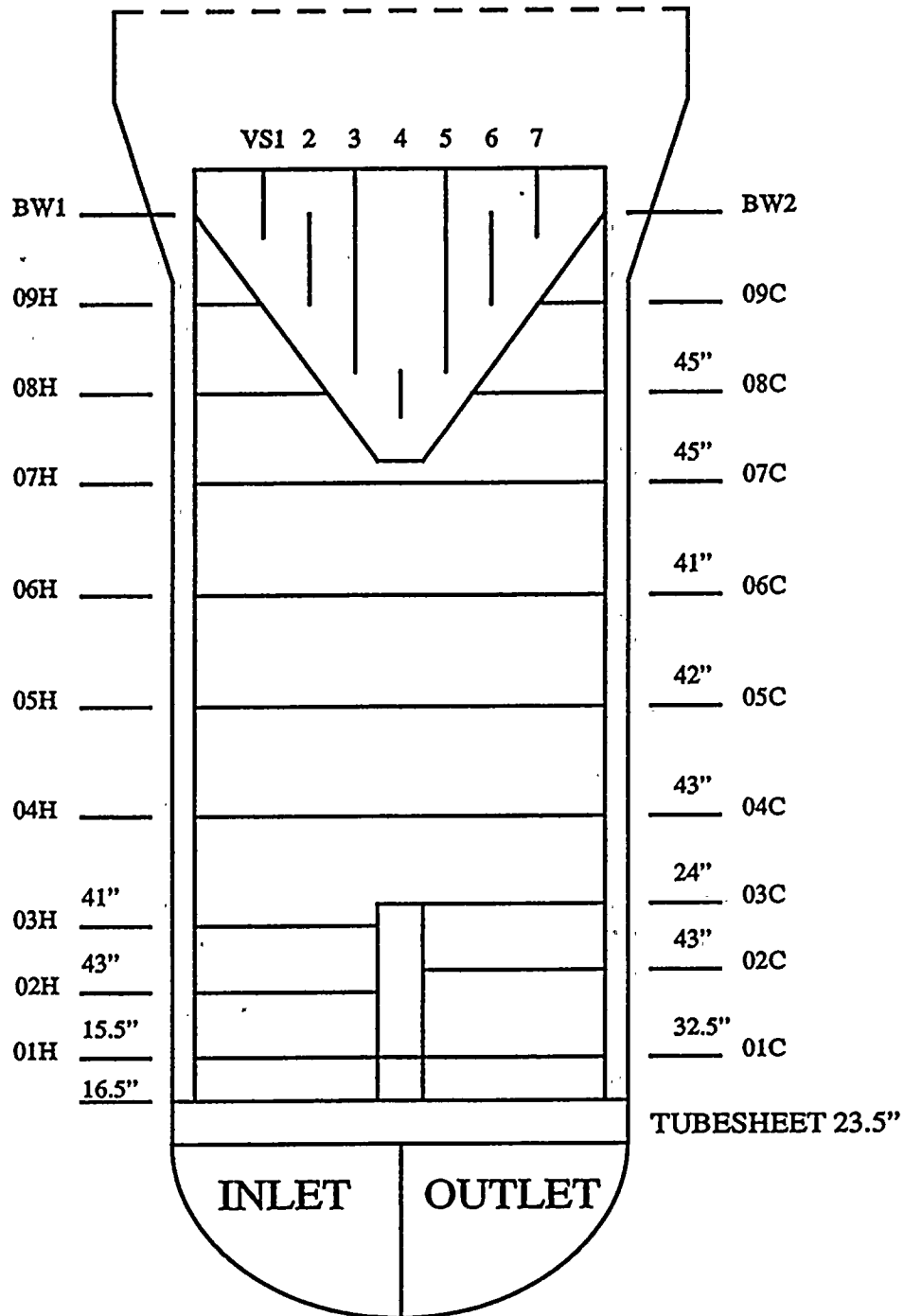
All tubing was examined with Zetec manufactured bobbin coil and MRPC style probes, either 0.610, 0.600, or 0.580 inch diameter. Multiple configurations of 3 coil MRPC probes and single coil mag bias MRPC probes were used for the detection and characterization of axial and circumferential cracking. Data acquisition was facilitated by using Zetec SM-22 with dual guide tubes in the hot leg of steam generator 31. A Zetec SM-22 and a B & W Cobra with dual guide tube manipulators were used in the hot leg of steam generator 32. Zetec SM-22 fixtures were utilized in the cold legs of steam generator 31 and 32. Hewlett Packard 400 and 700 series computers were employed to acquire the eddy current data. Conam Nuclear Inc. provided the primary data analysis and Combustion Engineering performed a complete secondary data analysis. A third analysis was performed utilizing computer data screening (CDS) for indications.

Each Level IIA individual from Conam Nuclear Inc. and Combustion Engineering who performed data analysis was required to complete and pass an on-site Eddy Current Data Analysis Course as well as an associated performance examination with at least a 80% proficiency within the last year (12 months).

APPENDIX A

STEAM GENERATOR TUBE SUPPORT DIAGRAM

CE SYSTEM 80 STEAM GENERATOR TUBE SUPPORT DIAGRAM



NOTES:

SUPPORTS 01C&01H
ARE FLOW DISTRI-
BUTION BAFFLES

SUPPORTS 02 THRU 09
ARE EGGCRATE TYPE

SUPPORT SPACINGS ARE
IDENTIFIED IN INCHES
BETWEEN THE SUPPORT
CENTERLINES

CORNER EGGCRATE IS
COLD LEG SIDE, 7 ROWS
UP, 22 LINES IN, 02C THRU
04C SUPPORTS



LEGEND

ROW:	Indicates the row number of a given tube
LIN:	Indicates the column number of a given tube.
LEG:	Indicates the tube leg from which examination was performed; C is from cold leg, H is from hot leg
EXAM EXTENT PROGRAM:	Indicates the tube length initially required to be examined, i.e., F/L-full length, 07H-seventh support on hot leg side, etc.
EXAM EXTENT ACTUAL:	Indicates the tube length actually examined.
REM:	Remarks column used for comments relating to examination. RPI = Retest Positive Identification RIC = Retest Incomplete
REEL:	Indicates reel number that the data was recorded on.
PROBE:	Indicates probe diameter and style used for examination.
LOCATION:	Gives indication location relative to known landmarks such as supports, vertical straps, and batwings. Typical location codes are as follows: #1 Vertical Strap VS1 #1 Batwing BW1 #1 Support Plate in Hot Leg 01H #7 Support Plate in Cold Leg 07C Top Tube Sheet Cold Leg TSC Tube End Hot Leg TEH Tube End Cold Leg TEC
VOLTS:	Indicates the peak-to-peak voltage of a given indication response.
DEG:	The measured phase angle of a given indication response.
%:	The percent through the tube wall of a given indication based on the measured phase angle/amplitude and the calibration curve established for that particular channel, or analysis comment codes, e.g., PLP = Possible Loose Parts, etc.
CH:	Indicates the channel used to measure and evaluate a given indication.
MRPC:	Motorized Rotating Pancake Coil
ANALYSIS CODES:	Absolute Drift ADR Baseline Indication BLI Bowing BOW Dent DNT Distorted Support Signal With Indication DSI Distorted Top of Tubesheet With Indication DTI Multiple Axial Indication MAI Multiple Circumferential Indication MCI Non-Quantifiable Indication NQI No Tube Sheet Expansion NTE Obstructed OBS Possible Deposit PDP Positive Identification PID Possible Loose Part with Indication PLI Possible Loose Part PLP Single Axial Indication SAI Single Circumferential Indication SCI Single Volumetric Indication SVI Sludge SLG To Be Plugged TBP

APPENDIX B

EXAMINATION PLAN

12/93, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

STEAM GENERATOR: 31

DATE: 12/29/93

TIME: 07: 43: 28

CRITERIA: ORIGINAL SCOPE BOBBIN

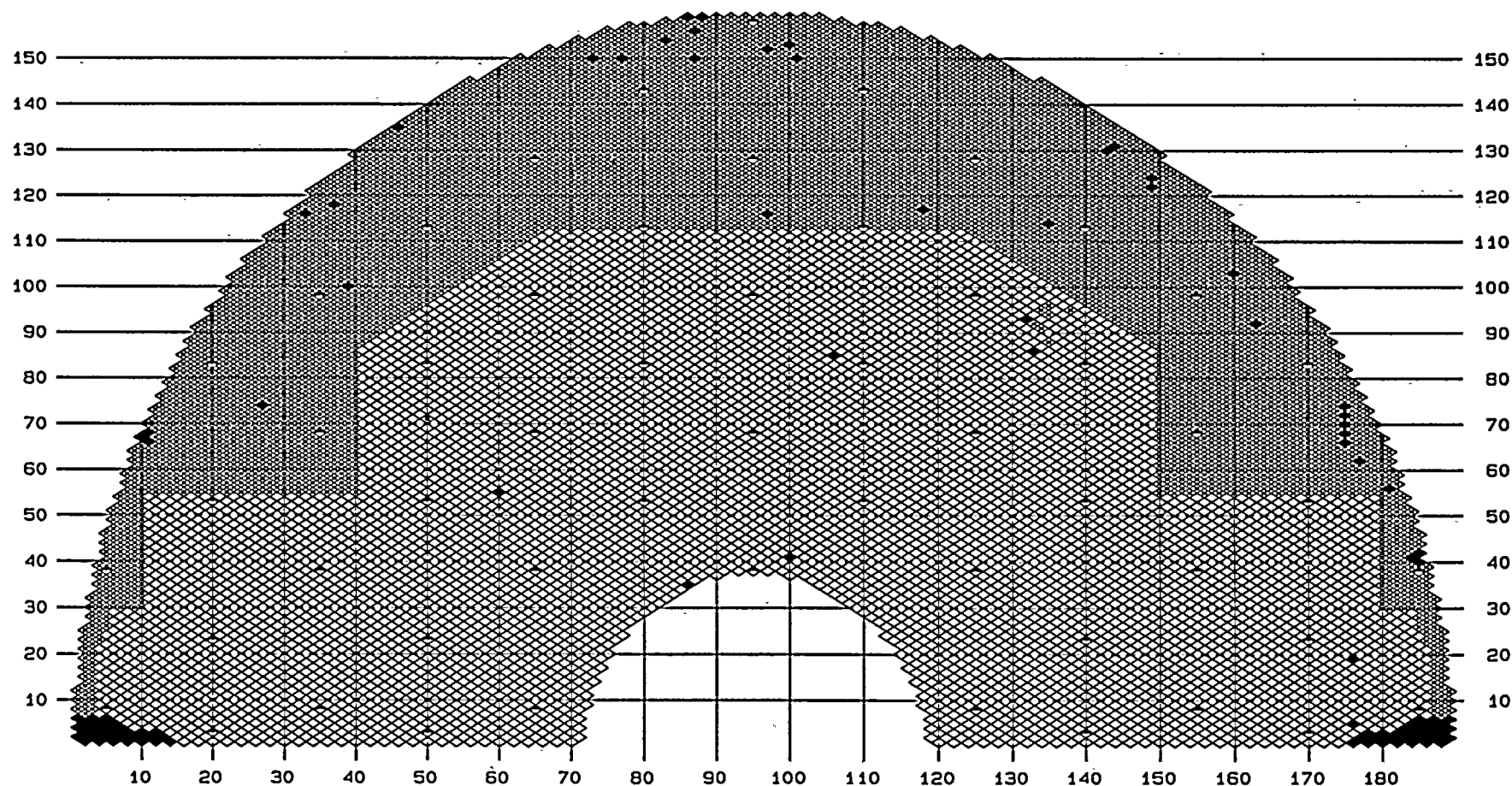
STAYS

PLUGGED

105 ♦

TEC-TEH

4094 ✕



MID CYCLE

CONAM NUCLEAR, INC. BW

12/93, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

STEAM GENERATOR: 31

DATE: 12/29/93

TIME: 08: 05: 27

CRITERIA: ORIGINAL SCOPE MRPC

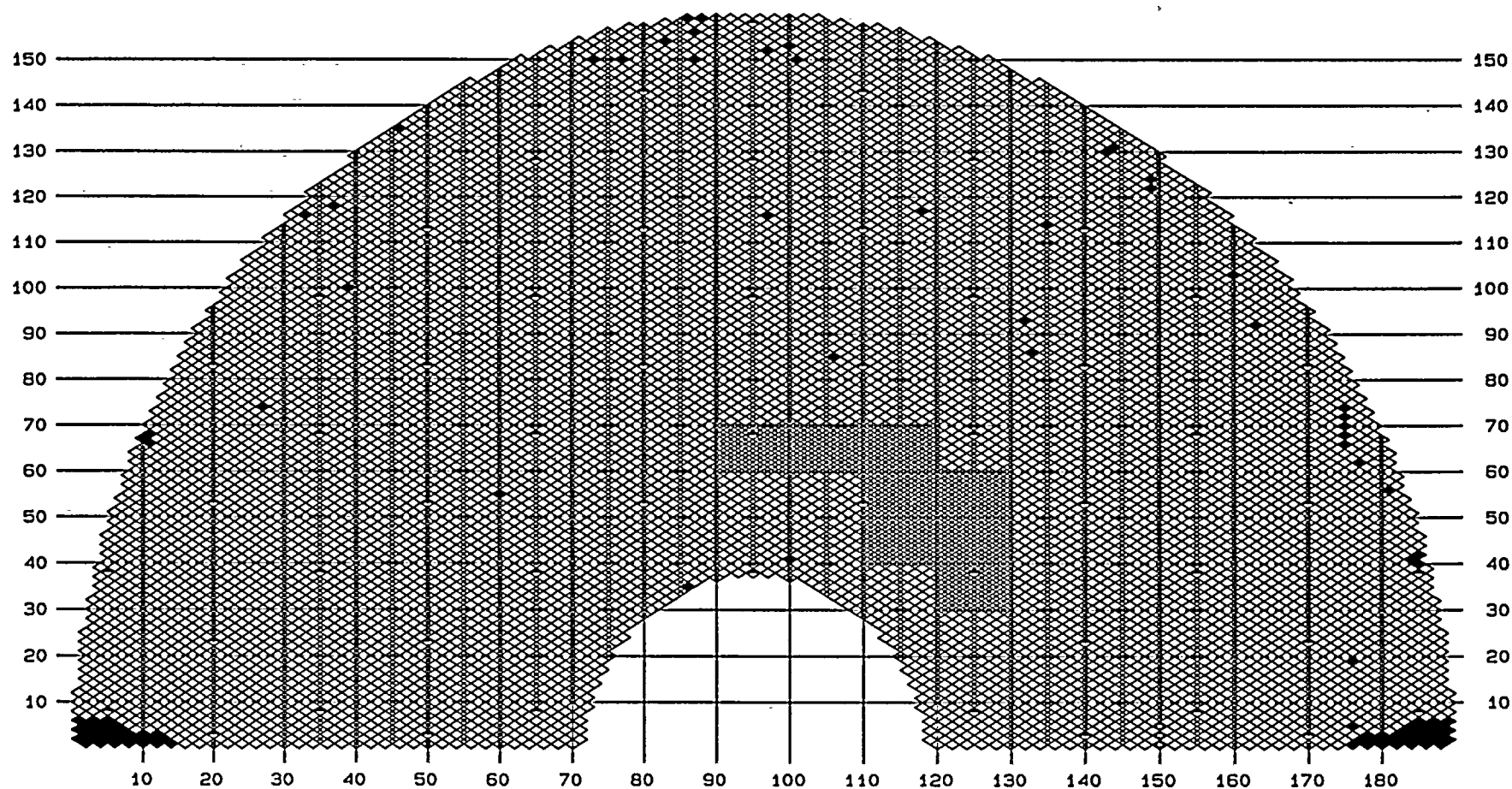
STAYS

PLUGGED

105 ♦ TSH-01H

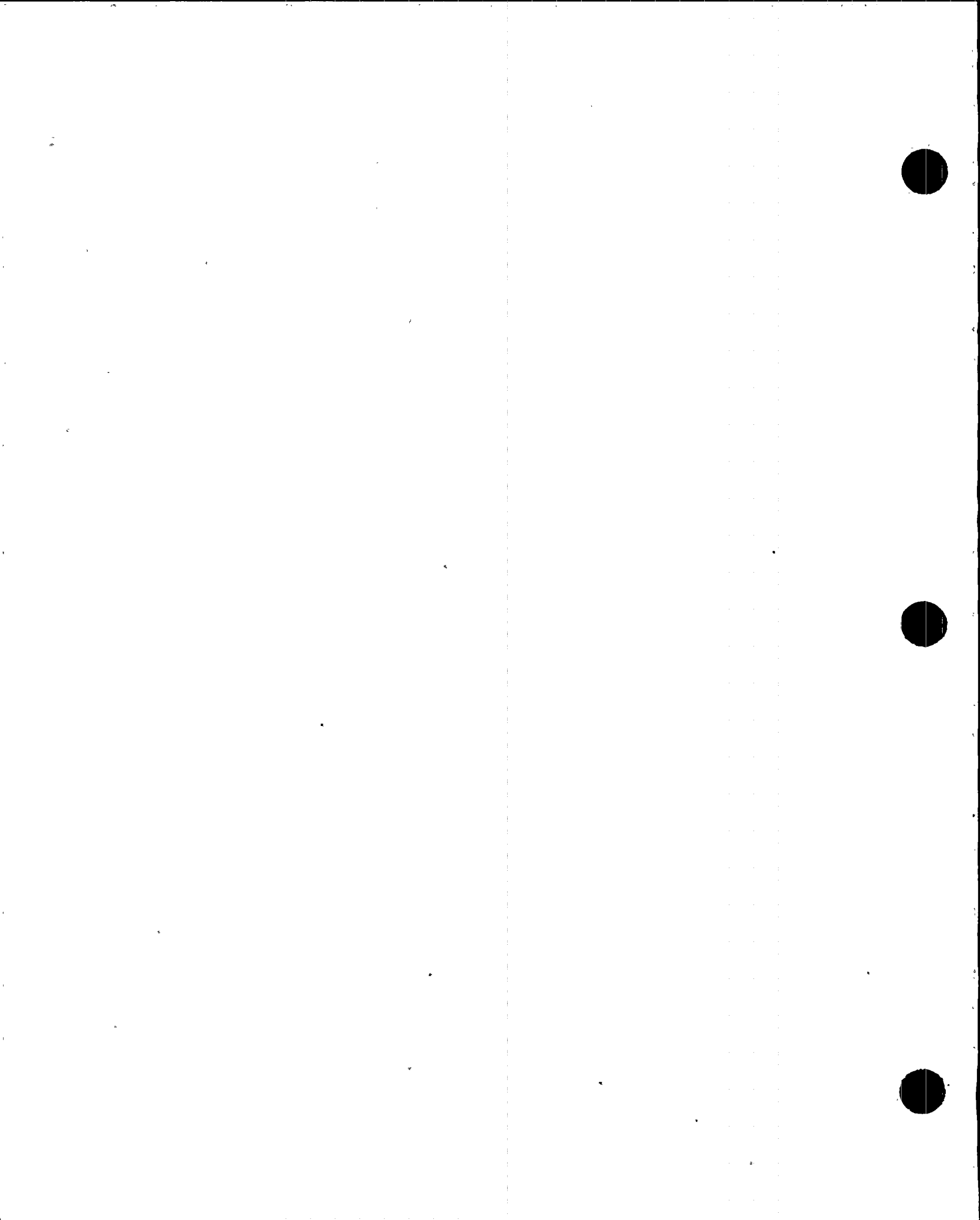
4 ○ TSH-TSH

2236 ✕



MID CYCLE

CONAM NUCLEAR, INC. BW



12/93, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

STEAM GENERATOR: 31

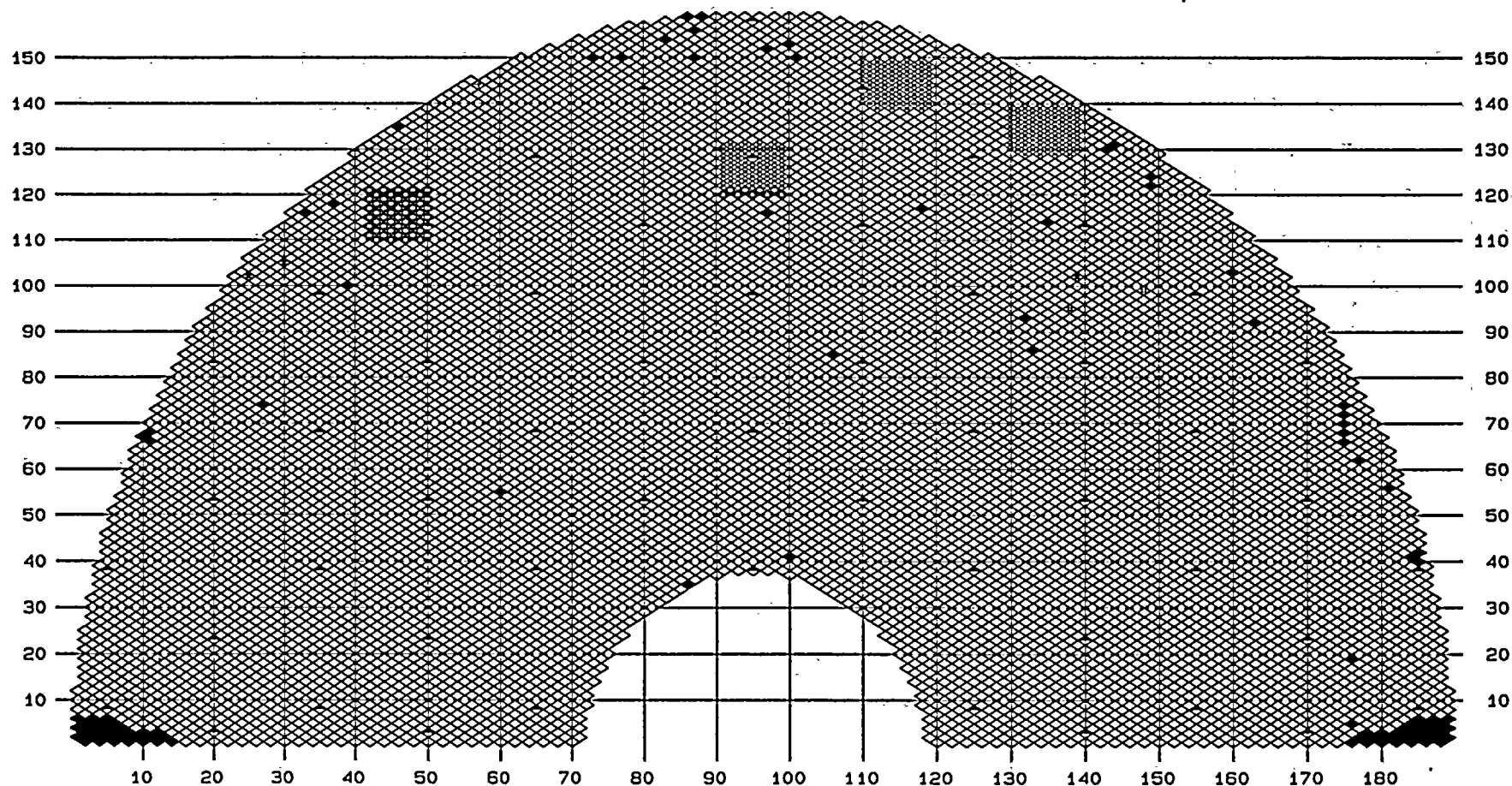
DATE: 12/29/93

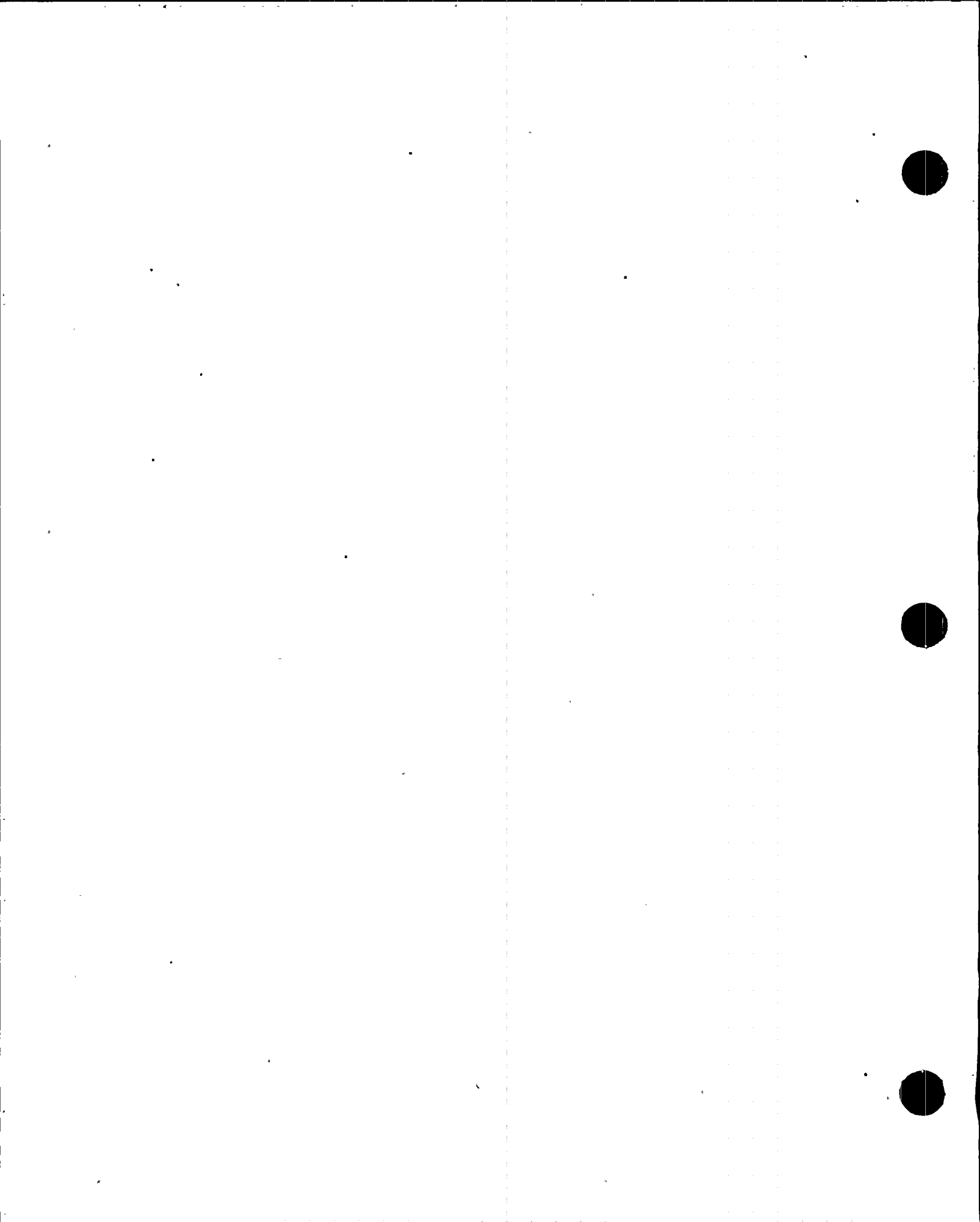
TIME: 08: 38: 46

CRITERIA: ORIGINAL SCOPE SPECIAL INTEREST MRPC

STAYS

PLUGGED 105 ♦ BW1-VS2 62 O 08H-VS2 5 # BW1-VS1 151 X 08H-VS1 1 +





12/93, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

STEAM GENERATOR: 32

DATE: 12/29/93

TIME: 07:56:42

CRITERIA: ORIGINAL SCOPE BOBBIN

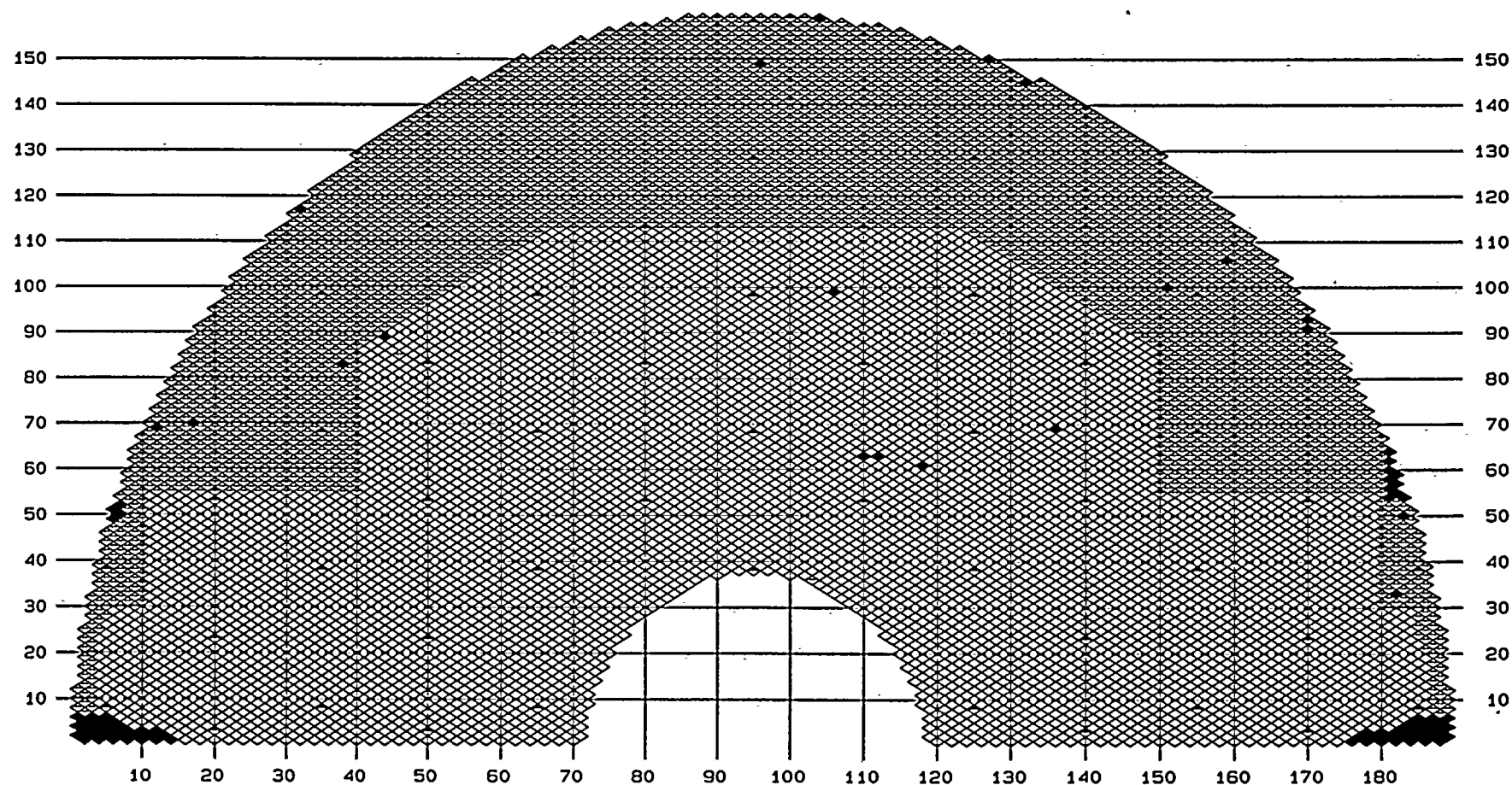
STAYS

PLUGGED

94 ♦

TEC-TEH

4097 -



MID CYCLE

CONAM NUCLEAR, INC. BW

12/93, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

STEAM GENERATOR: 32

DATE: 12/29/93

TIME: 08:11:08

CRITERIA: ORIGINAL SCOPE MRPC

STAYS

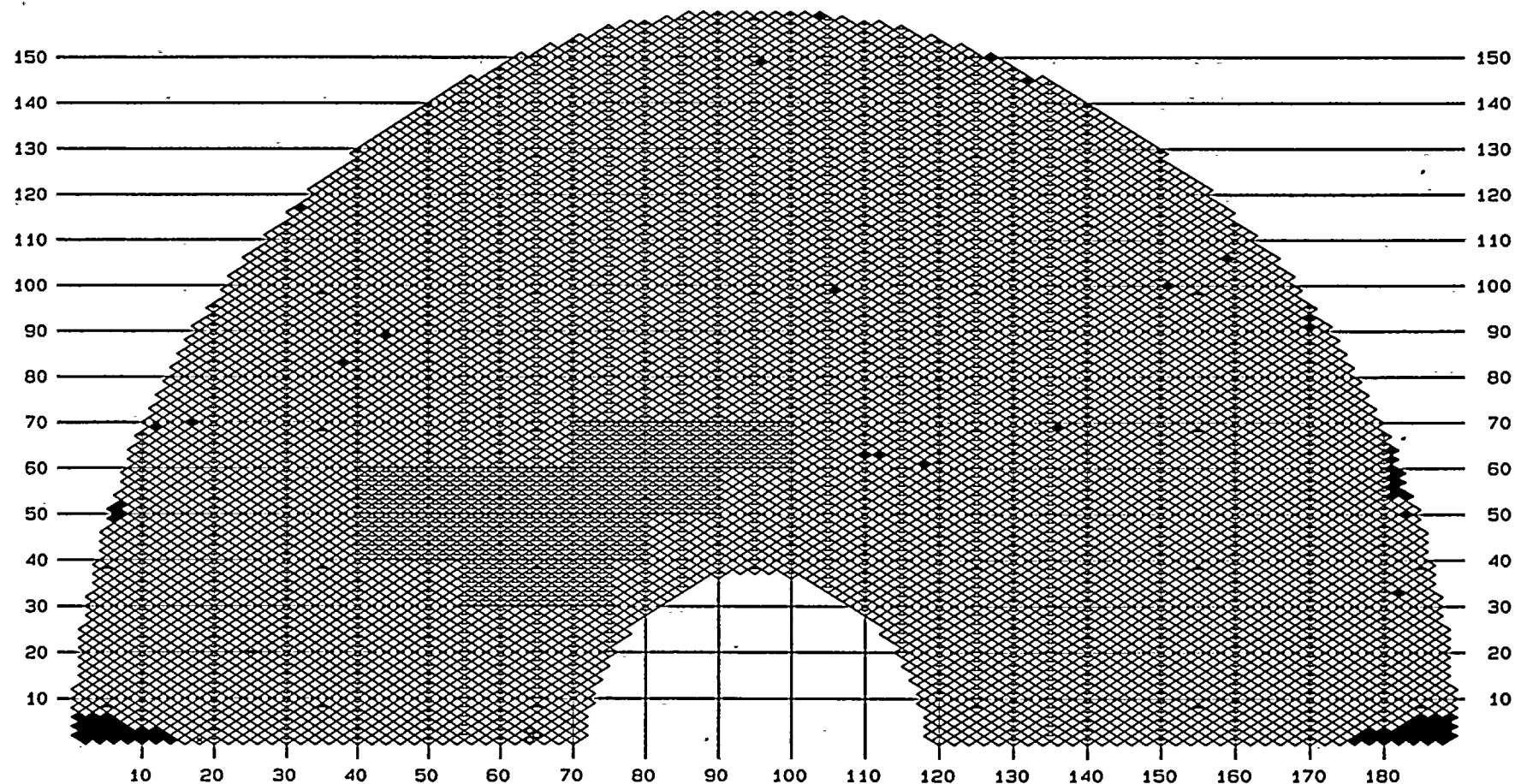
PLUGGED

94 ♦ TSH-01H

3 O TSH-TSH

2253 - TEH-TSH

3 X



MID CYCLE

CONAM NUCLEAR, INC. BW

12/93, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

STEAM GENERATOR: 32

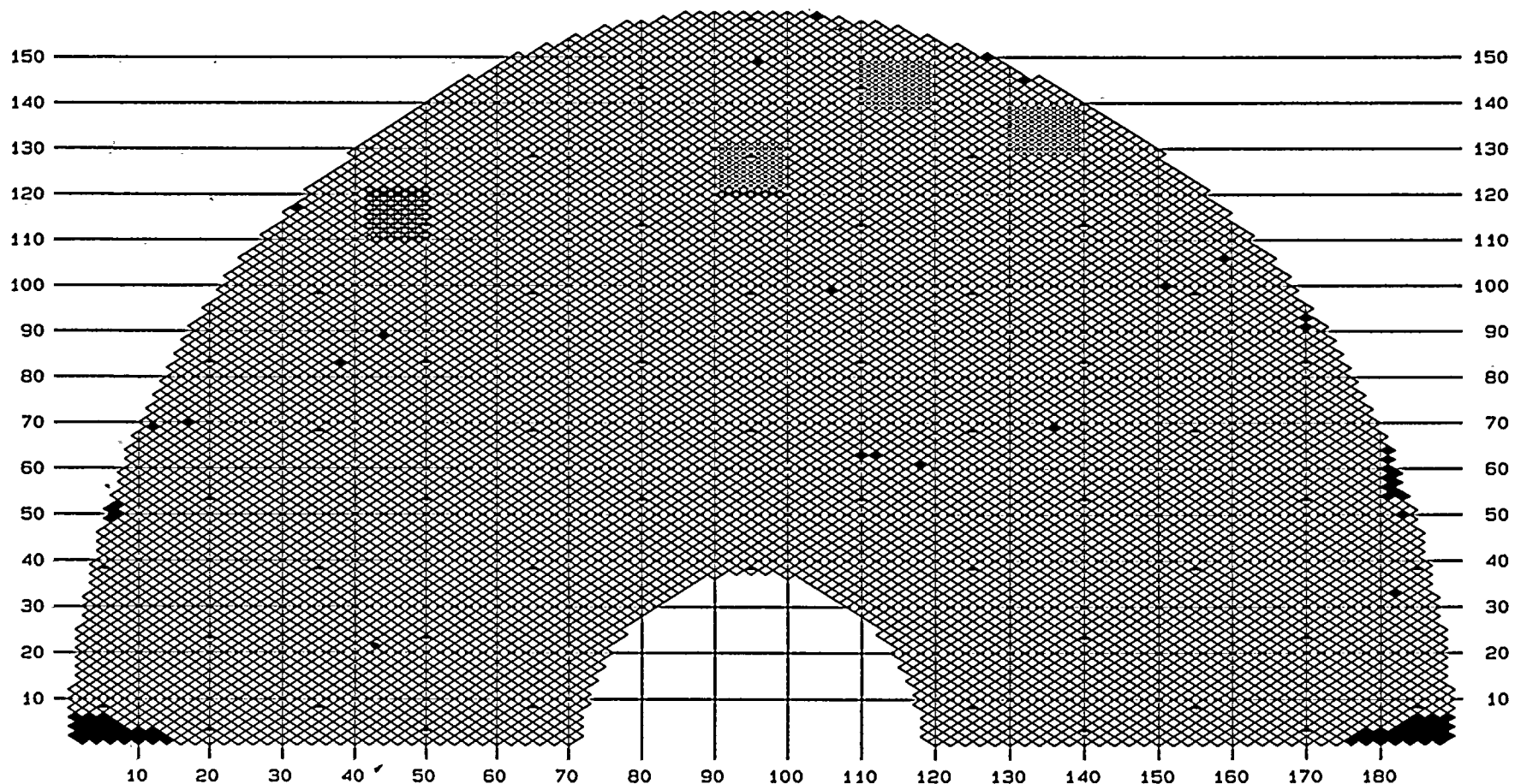
DATE: 12/29/93

TIME: 08: 48: 52

CRITERIA: ORIGINAL SCOPE SPECIAL INTEREST MRPC

STAYS

PLUGGED 94 ♦ BW1-VS2 61 ○ 08H-VS2 1 # 08H-VS1 1 + BW1-VS1 151 x



MID CYCLE

CONAM NUCLEAR, INC. BW

12/93, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

STEAM GENERATOR: 32

DATE: 12/29/93

TIME: 08:31:16

CRITERIA: TOP OF TUBESHEET MRPC EXPANSION

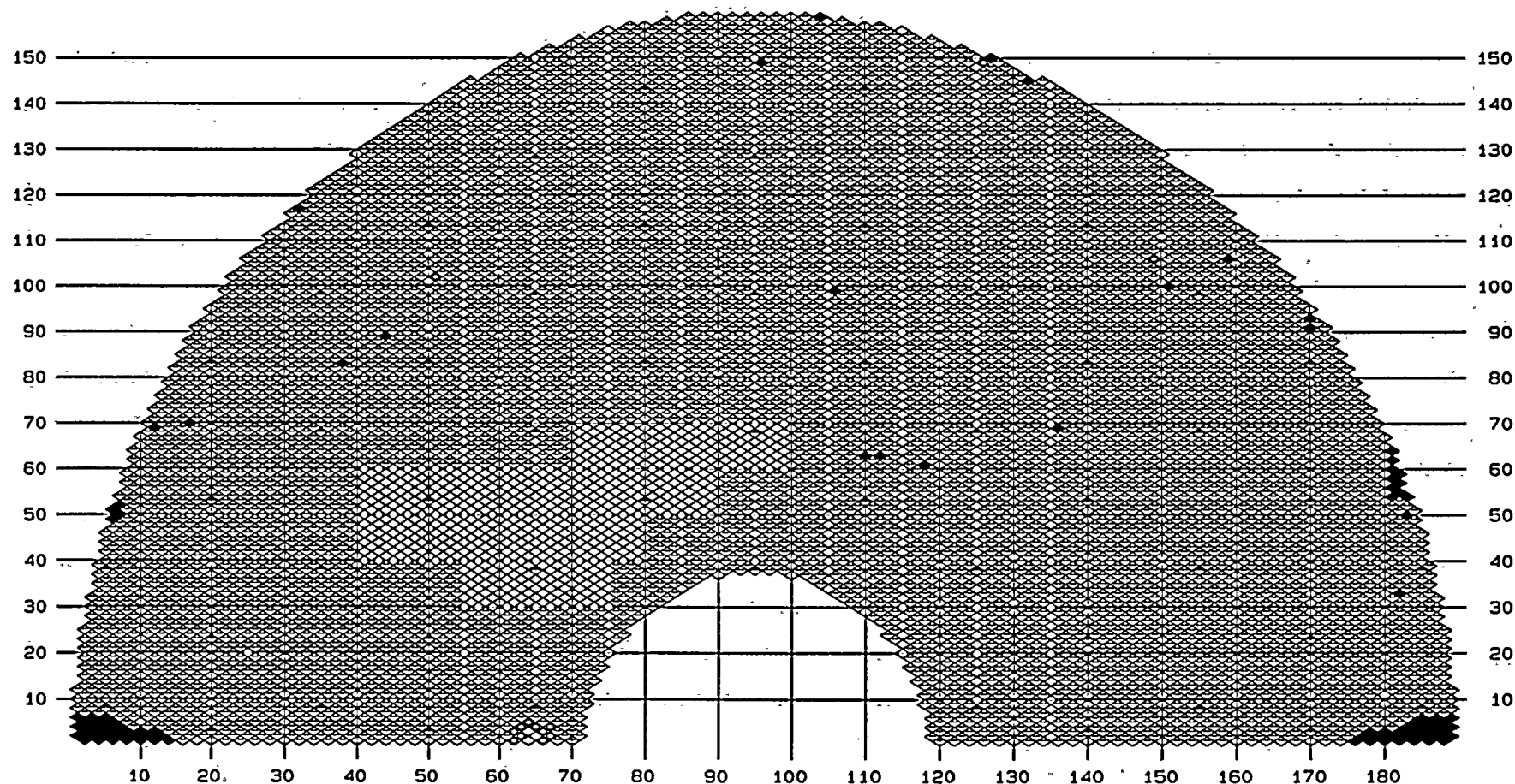
STAYS

PLUGGED

94 ♦ TSH-01H

13 ○ TSH-TSH

8646 -



MID CYCLE

CONAM NUCLEAR, INC. BW

APPENDIX C

SUMMARY DATA SHEETS BOBBIN COIL



CUMULATIVE REPORT
12/93, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

STEAM GENERATOR : 31
OUTAGE DATA SET : CURRENT
ELECTION VARIABLES: Percent

PAGE: 1 OF 37
DATE: 12/28/93
TIME: 10:47:17

ROW	LIN	LEG	EXAM	EXTENT	EXP	CAL	PROBE	LOCATION	VOLTS	CURRENT	MIL	DEG	%	CH
40	7	C	TEC-TEH	TEC-TEH		00003	610MF	BW2+ 1.76	0.37			0	<20	P 2
50	7	C	TEC-TEH	TEC-TEH		00004	610MF	VS4+ 0.00	0.54			0	20	P 2
36	9	C	TEC-TEH	TEC-TEH		00003	610MF	07H+ 17.07to+ 18.20	2.15			0	ADR	6
		H	07H-08H	07H-BW1		00059	600BC	07H+ 17.24	0.85			0	SVI	P 2
		H	07H-08H	07H-BW1		00063	580BC	07H+ 17.24	0.72			0	PID	P 2
55	14	C	TEC-TEH	TEC-TEH		00004	610MF	VS3+ 0.60	0.29			0	<20	P 2
61	14	C	TEC-TEH	TEC-TEH		00003	610MF	BW1+ 2.22	0.66			0	<20	P 2
57	16	C	TEC-TEH	TEC-TEH		00003	610MF	BW1+ 1.18	0.41			0	<20	P 2
73	16	C	TEC-TEH	TEC-TEH		00003	610MF	BW1+ 1.53	0.46			0	<20	P 2
59	20	H	TSH-TSH	TSH-TSH		00047	600BC						NDD	
		C	TEC-TEH	TEC-TEH		00006	610MF	VS5- 0.92	0.40			0	<20	P 2
69	20	H	TSH-TSH	TSH-TSH		00046	610BC						NDD	
		C	TEC-TEH	TEC-TEH		00005	610MF	08H- 0.80	0.31			0	<20	P 2
77	20	H	TSH-TSH	TSH-TSH		00046	610BC						NDD	
		C	TEC-TEH	TEC-TEH		00005	610MF	08H- 1.16	0.52			0	<20	P 2
79	20	H	TSH-TSH	TSH-TSH		00047	600BC						NDD	
		C	TEC-TEH	TEC-TEH		00004	610MF	BW1+ 2.02	0.23			0	<20	P 2
81	20	H	TSH-TSH	TSH-TSH		00046	610BC						NDD	
		C	TEC-TEH	TEC-TEH		00004	610MF	08H- 1.02	0.26			0	<20	P 2
70	21	C	TEC-TEH	TEC-TEH		00005	610MF	08H- 0.68	0.68			0	<20	P 2
76	21	C	TEC-TEH	TEC-TEH		00006	610MF	08H- 1.00	0.24			0	<20	P 2
78	21	C	TEC-TEH	TEC-TEH		00005	610MF	VS3- 0.98	0.65			0	<20	P 2
80	21	C	TEC-TEH	TEC-TEH		00006	610MF	08H- 0.97	0.45			0	<20	P 2
82	21	C	TEC-TEH	TEC-TEH		00005	610MF	BW1+ 2.01	0.70			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00005	610MF	BW2- 1.40	0.28			0	<20	P 2
86	21	C	TEC-TEH	TEC-TEH		00005	610MF	BW1+ 2.01	0.62			0	<20	P 2
63	22	C	TEC-TEH	TEC-TEH		00005	610MF	BW1+ 2.04	0.73			0	<20	P 2
71	22	C	TEC-TEH	TEC-TEH		00005	610MF	08H- 0.19	0.56			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00005	610MF	08H+ 0.79	0.70			0	<20	P 2
73	22	C	TEC-TEH	TEC-TEH		00057	610MF	BW1+ 1.94	0.20			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00057	610MF	VS3- 1.06	0.45			0	<20	P 2
99	22	C	TEC-TEH	TEC-TEH		00005	610MF	BW1+ 2.19	0.58			0	<20	P 2
90	23	H	08H-BW1	08H-BW1		00066	600BC						NDD	
		C	TEC-TEH	TEC-TSH		00005	610MF	07H+ 0.73	0.16			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00057	610MF	07H+ 0.90	0.27			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00057	610MF	08H+ 22.84	0.85			147	NQI	P 1
98	23	C	TEC-TEH	TEC-TEH		00005	610MF	VS3- 0.71	0.30			0	<20	P 2
59	24	C	TEC-TEH	TEC-TEH		00005	610MF	BW1+ 1.92	0.45			0	<20	P 2
67	24	C	TEC-TEH	TEC-TEH		00005	610MF	BW1+ 1.97	0.28			0	<20	P 2
71	24	C	TEC-TEH	TEC-TEH		00005	610MF	08H+ 0.87	1.22			0	28	P 2
87	24	C	TEC-TEH	TEC-TEH		00005	610MF	08H+ 0.79	0.79			0	21	P 2
		C	TEC-TEH	TEC-TEH		00005	610MF	BW1+ 2.04	0.53			0	<20	P 2
58	25	C	TEC-TEH	TEC-TEH		00005	610MF	BW1+ 2.34	0.43			0	<20	P 2
64	25	C	TEC-TEH	TEC-TEH		00006	610MF	VS5- 0.64	0.52			0	<20	P 2
84	25	C	TEC-TEH	TEC-TEH		00006	610MF	BW1+ 1.58	0.48			0	<20	P 2

MID CYCLE

CUMULATIVE REPORT
12/93, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

STEAM GENERATOR : 31
OUTAGE DATA SET : CURRENT
ELECTION VARIABLES: Percent

PAGE: 2 OF 37
DATE: 12/28/93
TIME: 10:56:04

ROW	LIN	LEG	EXAM	EXTENT	EXP	CAL	PROBE	LOCATION	VOLTS	CURRENT	MIL	DEG	%	CH
102	25	H	08H-VS2	08H-VS2		00001	580BC						NDD	
		C	TEC-TEH	TEC-TEH		00001	610MF	08H+ 24.96	1.29			55	NQI	1
		C	TEC-TEH	TEC-TEH		00005	610MF	08H+ 25.13	1.51			50	NQI	1
		C	TEC-TEH	TEC-TEH		00001	610MF	08H+ 33.43	0.96			39	NQI	1
		C	TEC-TEH	TEC-TEH		00005	610MF	08H+ 33.65	0.74			60	NQI	1
		C	TEC-TEH	TEC-TEH		00001	610MF	08H+ 34.55	0.90			61	NQI	1
		C	TEC-TEH	TEC-TEH		00005	610MF	08H+ 34.73	0.99			46	NQI	1
57	26	C	TEC-TEH	TEC-TEH		00008	610MF	VS3- 0.69	0.55			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00008	610MF	VS3+ 0.88	0.28			0	<20	P 2
59	26	C	TEC-TEH	TEC-TEH		00007	610MF	BW1+ 2.10	0.27			0	<20	P 2
61	26	C	TEC-TEH	TEC-TEH		00008	610MF	BW1+ 2.12	0.29			0	<20	P 2
67	26	C	TEC-TEH	TEC-TEH		00007	610MF	BW1+ 2.07	0.19			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00007	610MF	04C+ 11.37	50.00			183	DNT	P 1
71	26	C	TEC-TEH	TEC-TEH		00007	610MF	VS3+ 0.68	0.48			0	<20	P 2
79	26	C	TEC-TEH	TEC-TEH		00005	610MF	08H- 1.08	0.53			0	<20	P 2
64	27	C	TEC-TEH	TEC-TEH		00008	610MF	VS5- 0.82	0.71			0	21	P 2
80	27	C	TEC-TEH	TEC-TEH		00008	610MF	BW1+ 1.73	0.45			0	<20	P 2
86	27	C	TEC-TEH	TEC-TEH		00007	610MF	VS3+ 0.00	1.64			0	33	P 2
61	28	C	TEC-TEH	TEC-TEH		00008	610MF	VS5+ 0.88	0.59			0	<20	P 2
65	28	C	TEC-TEH	TEC-TEH		00008	610MF	VS5- 0.66	0.57			0	<20	P 2
81	28	C	TEC-TEH	TEC-TEH		00008	610MF	BW1+ 1.71	0.25			0	<20	P 2
97	28	C	TEC-TEH	TEC-TEH		00008	610MF	BW1+ 1.89	0.60			0	<20	P 2
99	28	C	TEC-TEH	TEC-TEH		00007	610MF	BW1+ 1.96	0.61			0	<20	P 2
109	28	C	TEC-TEH	TEC-TEH		00008	610MF	VS5- 0.75	0.67			0	<20	P 2
111	28	C	TEC-TEH	TEC-TEH		00007	610MF						BDA	
		C	TEC-TEH	TEC-TEH		00009	610MF	BW1+ 1.23	0.83			0	22	P 2
		C	TEC-TEH	TEC-TEH		00009	610MF	BW1+ 2.23	0.64			0	<20	P 2
58	29	C	TEC-TEH	TEC-TEH		00008	610MF	VS3+ 0.57	0.48			0	<20	P 2
82	29	C	TEC-TEH	TEC-TEH		00009	610MF	BW1+ 1.19	0.54			0	<20	P 2
94	29	C	08C-BW2	08C-BW2		00069	580BC						NDD	
		C	TEC-TEH	TEC-TEH		00009	610MF	08C+ 15.97	0.55			79	NQI	1
102	29	C	TEC-TEH	TEC-TEH		00009	610MF	BW1- 2.00	0.28			0	<20	P 2
71	30	H	TSH-TSH	TSH-TSH		00046	610BC						NDD	
		C	TEC-TEH	TEC-TEH		00010	610MF	08H- 0.21	0.35			0	<20	P 2
73	30	H	TSH-TSH	TSH-TSH		00047	600BC						NDD	
		C	TEC-TEH	TEC-TEH		00009	610MF	08H+ 0.89	0.18			0	<20	P 2
75	30	H	TSH-TSH	TSH-TSH		00046	610BC						NDD	
		C	TEC-TEH	TEC-TEH		00010	610MF	BW1- 1.86	0.36			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00010	610MF	VS5- 0.76	0.45			0	<20	P 2
85	30	H	TSH-TSH	TSH-TSH		00047	600BC						NDD	
		C	TEC-TEH	TEC-TEH		00009	610MF	BW1+ 2.23	0.77			0	21	P 2
93	30	H	TSH-TSH	TSH-TSH		00047	600BC						NDD	
		C	TEC-TEH	TEC-TEH		00010	610MF	BW1- 1.97	0.50			0	<20	P 2
95	30	H	TSH-TSH	TSH-TSH		00046	610BC						NDD	
		C	TEC-TEH	TEC-TEH		00009	610MF	BW1- 1.92	0.44			0	<20	P 2

MID CYCLE

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STEAM GENERATOR : 31
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ROW	LIN	LEG	EXAM PROGRAM	EXTENT ACTUAL	EXP	CAL	PROBE	LOCATION	VOLTS	CURRENT MIL	DEG	%	CH
99	30	H	TSH-TSH	TSH-TSH		00046	610BC					NDD	
		H	BW1-VS2	BW1-VS2		00062	580BC					NDD	
		C	TEC-TEH	TEC-TEH		00009	610MF	BW1+ 3.18	0.86		149	NQI	1
101	30	H	TSH-TSH	TSH-TSH		00047	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00009	610MF	BW1- 2.00	1.10		0	27	P 2
109	30	H	TSH-TSH	TSH-TSH		00047	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00009	610MF	BW1+ 2.09	0.52		0	<20	P 2
111	30	H	TSH-TSH	TSH-TSH		00046	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00009	610MF	BW1- 1.87	0.62		0	<20	P 2
68	31	C	TEC-TEH	TEC-TEH		00010	610MF	05C+ 15.02	0.74		141	21	1
70	31	C	TEC-TEH	TEC-TEH		00009	610MF	08H- 0.74	0.31		0	<20	P 2
74	31	C	TEC-TEH	TEC-TEH		00009	610MF	08H- 0.14	0.28		0	<20	P 2
76	31	C	TEC-TEH	TEC-TEH		00010	610MF	BW1- 1.83	0.59		0	<20	P 2
84	31	C	TEC-TEH	TEC-TEH		00010	610MF	VS3+ 0.73	1.54		0	32	P 2
		C	TEC-TEH	TEC-TEH		00010	610MF	VS5- 0.73	0.62		0	<20	P 2
88	31	H	07H-08H	07H-08H		00049	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00010	610MF	07H+ 42.78	0.24		135	NQI	1
90	31	C	TEC-TEH	TEC-TEH		00057	610MF	BW1+ 2.17	0.54		0	<20	P 2
102	31	C	TEC-TEH	TEC-TEH		00009	610MF	BW1- 2.30	0.38		0	<20	P 2
104	31	C	TEC-TEH	TEC-TEH		00010	610MF	VS2- 0.83	0.69		0	20	P 2
106	31	C	TEC-TEH	TEC-TEH		00009	610MF	VS2- 0.55	0.44		0	<20	P 2
116	31	H	BW1-VS2	BW1-VS2		00062	580BC					NDD	
		C	TEC-TEH	TEC-TEH		00009	610MF	BW1+ 2.88	2.06		162	NQI	1
59	32	C	TEC-TEH	TEC-TEH		00010	610MF	04H- 0.76	0.47		0	<20	P 2
81	32	C	TEC-TEH	TEC-TEH		00009	610MF	BW1- 1.60	0.33		0	<20	P 2
109	32	C	TEC-TEH	TEC-TEH		00009	610MF	BW1+ 2.02	0.49		0	<20	P 2
115	32	C	TEC-TEH	TEC-TEH		00010	610MF	VS2- 0.80	0.54		0	<20	P 2
117	32	C	TEC-TEH	TEC-TEH		00009	610MF	09H+ 0.83	0.38		0	<20	P 2
62	33	C	TEC-TEH	TEC-TEH		00009	610MF	BW1+ 1.72	0.39		0	<20	P 2
68	33	C	TEC-TEH	TEC-TEH		00010	610MF	08H- 0.09	0.45		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00010	610MF	08H+ 0.80	0.47		0	<20	P 2
72	33	C	TEC-TEH	TEC-TEH		00010	610MF	VS3- 0.96	0.55		0	<20	P 2
76	33	C	TEC-TEH	TEC-TEH		00010	610MF	BW1- 2.28	0.62		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00010	610MF	BW1+ 1.82	0.26		0	<20	P 2
78	33	C	TEC-TEH	TEC-TEH		00009	610MF	BW1- 2.46	0.46		0	<20	P 2
80	33	C	TEC-TEH	TEC-TEH		00010	610MF	BW1- 2.35	0.31		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00010	610MF	BW1+ 1.94	0.48		0	<20	P 2
82	33	C	TEC-TEH	TEC-TEH		00009	610MF	BW1+ 2.20	0.39		0	<20	P 2
86	33	C	TEC-TEH	TEC-TEH		00009	610MF	BW1+ 1.43	0.47		0	<20	P 2
88	33	C	TEC-TEH	TEC-TEH		00010	610MF	BW1+ 1.70	0.69		0	20	P 2
92	33	C	TEC-TEH	TEC-TEH		00010	610MF	BW1+ 1.71	0.95		0	24	P 2
		C	TEC-TEH	TEC-TEH		00010	610MF	VS2+ 0.47	8.61		168	INR	P 1
96	33	C	TEC-TEH	TEC-TEH		00010	610MF	BW1+ 1.99	0.26		0	<20	P 2
118	33	C	TEC-TEH	TEC-TEH		00009	610MF	BW1+ 2.10	0.41		0	<20	P 2
69	34	C	TEC-TEH	TEC-TEH		00009	610MF	BW1- 2.28	0.25		0	<20	P 2

MID CYCLE

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STEAM GENERATOR : 31
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ROW	LIN	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION	CURRENT				
			PROGRAM	ACTUAL					VOLTS	MIL	DEG	%	CH
69	34	C	TEC-TEH	TEC-TEH		00009	610MF	BW1+ 1.77	0.23		0	<20	P 2
71	34	C	TEC-TEH	TEC-TEH		00010	610MF	BW1+ 1.33	0.73		0	20	P 2
73	34	C	TEC-TEH	TEC-TEH		00009	610MF	08H+ 0.82	0.51		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00009	610MF	BW1+ 1.49	0.59		0	<20	P 2
75	34	C	TEC-TEH	TEC-TEH		00010	610MF	BW1+ 1.60	0.38		0	<20	P 2
77	34	C	TEC-TEH	TEC-TEH		00009	610MF	BW1+ 1.57	0.26		0	<20	P 2
79	34	C	TEC-TEH	TEC-TEH		00010	610MF	BW1+ 1.68	0.54		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00010	610MF	04C+ 14.84	5.71		171	INR	P 1
81	34	C	TEC-TEH	TEC-TEH		00009	610MF	BW1+ 1.89	0.47		0	<20	P 2
97	34	C	TEC-TEH	TEC-TEH		00009	610MF	BW1- 2.32	1.15		0	28	P 2
107	34	C	TEC-TEH	TEC-TEH		00010	610MF	BW1+ 1.86	0.57		0	<20	P 2
111	34	C	TEC-TEH	TEC-TEH		00010	610MF	BW1+ 1.60	0.92		0	24	P 2
117	34	C	TEC-TEH	TEC-TEH		00009	610MF	09H+ 1.31	0.72		0	20	P 2
64	35	H	TSH-TSH	TSH-TSH		00047	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00010	610MF	BW1+ 1.75	0.17		0	<20	P 2
94	35	H	TSH-TSH	TSH-TSH		00049	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00011	610MF	08H+ 0.95	0.55		0	<20	P 2
108	35	H	TSH-01H	TSH-TSH		00046	610BC					NDD	
		H	TSH-01H	TSH-01H		00049	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00011	610MF	TSH+ 2.76	0.62		102	NQI	1
116	35	H	TSH-TSH	TSH-TSH		00046	610BC					NDD	
		H	08H-BW1	08H-BW1		00058	600BC	09H+ 0.86	2.70		0	38	P 2
		C	TEC-TEH	TEC-TEH		00057	610MF	09H+ 1.47	2.57		0	PID	P 2
		C	TEC-TEH	TEC-TEH		00011	610MF	09H+ 1.50	2.33		0	39	P 2
		C	TEC-TEH	TEC-TEH		00011	610MF	BW2- 1.30	0.66		0	<20	P 2
118	35	H	TSH-TSH	TSH-TSH		00046	610BC					NDD	
		H	08H-BW1	08H-BW1		00058	600BC	09H- 1.44	1.61		0	28	P 2
		C	TEC-TEH	TEC-TEH		00011	610MF	09H- 1.28	1.46		0	31	P 2
		H	08H-BW1	08H-BW1		00058	600BC	09H+ 1.38	1.08		0	21	P 2
61	36	C	TEC-TEH	TEC-TEH		00011	610MF	BW1+ 1.20	0.48		0	<20	P 2
65	36	C	TEC-TEH	TEC-TEH		00011	610MF	BW1+ 1.97	0.57		0	20	P 2
67	36	C	TEC-TEH	TEC-TEH		00011	610MF	08H- 0.06	0.32		0	<20	P 2
99	36	C	TEC-TEH	TEC-TEH		00011	610MF	08H- 0.50	0.38		0	<20	P 2
117	36	H	08H-BW1	08H-BW1		00058	600BC	09H+ 0.14	1.86		0	31	P 2
		C	TEC-TEH	TEC-TEH		00011	610MF	09H+ 1.15	1.42		0	31	P 2
		H	08H-BW1	08H-BW1		00058	600BC	BW1- 2.20	0.58		0	<20	P 2
121	36	C	TEC-TEH	TEC-TEH		00011	610MF	09H+ 0.69	0.46		0	<20	P 2
64	37	C	TEC-TEH	TEC-TEH		00011	610MF	BW1+ 1.85	0.78		0	21	P 2
88	37	C	TEC-TEH	TEC-TEH		00012	610MF	BW1+ 1.73	0.49		0	<20	P 2
106	37	C	TEC-TEH	TEC-TEH		00011	610MF	BW1+ 1.88	0.50		0	<20	P 2
112	37	C	TEC-TEH	TEC-TEH		00012	610MF	BW1+ 1.74	0.28		0	<20	P 2
120	37	C	TEC-TEH	TEC-TEH		00012	610MF	09H- 1.00	0.42		0	<20	P 2
67	38	C	TEC-TEH	TEC-TEH		00012	610MF	BW1- 2.19	0.25		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00012	610MF	BW1+ 1.76	0.49		0	<20	P 2
75	38	C	TEC-TEH	TEC-TEH		00012	610MF	BW1+ 1.83	0.25		0	<20	P 2

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SELECTION VARIABLES: Percent

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ROW	LIN	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION	CURRENT				
			PROGRAM	ACTUAL					VOLTS	MIL	DEG	%	CH
79	38	C	TEC-TEH	TEC-TEH		00012	610MF	BW1+ 1.82	0.34		0	<20	P 2
95	38	C	TEC-TEH	TEC-TEH		00012	610MF	VS2- 0.79	0.46		0	<20	P 2
99	38	C	TEC-TEH	TEC-TEH		00012	610MF	BW1+ 1.74	0.38		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00012	610MF	VS3- 0.73	0.69		0	24	P 2
107	38	C	TEC-TEH	TEC-TEH		00012	610MF	BW1+ 1.79	0.56		0	21	P 2
117	38	H	-	-		00000						TBP	
		C	TEC-TEH	TEC-TEH		00011	610MF	09H+ 1.19	2.68		0	41	P 2
		C	TEC-TEH	TEC-TEH		00057	610MF	09H+ 1.19	2.64		0	PID	P 2
119	38	H	09H-09H	09H-09H		00058	600BC	09H- 1.08	1.73		0	29	P 2
		C	TEC-TEH	TEC-TEH		00012	610MF	09H- 1.00	0.75		0	25	P 2
		C	TEC-TEH	TEC-TEH		00012	610MF	09H+ 0.62	1.58		0	36	P 2
		C	TEC-TEH	TEC-TEH		00057	610MF	09H+ 0.83	2.32		0	PID	P 2
		H	09H-09H	09H-09H		00058	600BC	09H+ 1.10	2.87		0	39	P 2
64	39	C	TEC-TEH	TEC-TEH		00012	610MF	BW1+ 1.70	0.44		0	<20	P 2
74	39	C	TEC-TEH	TEC-TEH		00011	610MF	BW1+ 1.84	0.26		0	<20	P 2
76	39	C	TEC-TEH	TEC-TEH		00012	610MF	BW1+ 2.17	0.16		0	<20	P 2
86	39	C	TEC-TEH	TEC-TEH		00011	610MF	08H+ 1.00	0.52		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00011	610MF	BW1- 1.74	0.67		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00011	610MF	BW1+ 1.60	0.77		0	21	P 2
98	39	C	TEC-TEH	TEC-TEH		00011	610MF	BW1+ 1.88	0.48		0	<20	P 2
108	39	C	BW2-VS6	BW2-VS6		00069	580BC					NDD	
		C	TEC-TEH	TEC-TEH		00012	610MF	BW1+ 1.81	0.36		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00012	610MF	VS6+ 26.74	0.50		131	NQI	P 1
116	39	H	-	-		00000						TBP	
		H	08H-BW1	08H-BW1		00058	600BC	09H+ 0.77	7.05		0	53	P 2
		C	TEC-TEH	TEC-TEH		00012	610MF	09H+ 1.07	4.49		0	48	P 2
		C	TEC-TEH	TEC-TEH		00057	610MF	09H+ 1.39	4.07		0	PID	P 2
118	39	C	TEC-TEH	TEC-TEH		00011	610MF	09H- 0.30	0.70		0	<20	P 2
120	39	C	TEC-TEH	TEC-TEH		00012	610MF					TNC	
		C	TEC-TEH	TEC-TEH		00057	610MF	09H+ 0.91	0.72		0	21	P 2
122	39	C	TEC-TEH	TEC-TEH		00011	610MF	09H+ 0.31	1.57		0	30	P 2
		C	TEC-TEH	TEC-TEH		00011	610MF	09H+ 1.29	1.04		0	23	P 2
124	39	C	TEC-TEH	TEC-TEH		00057	610MF	09H+ 0.83	0.77		0	22	P 2
		C	TEC-TEH	TEC-TEH		00057	610MF	BW1- 2.28	0.27		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00057	610MF	06C+ 22.62	0.67		145	<20	1
126	39	C	TEC-TEH	TEC-TEH		00011	610MF	BW1+ 1.92	0.70		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00011	610MF	03C- 0.82	0.60		0	<20	P 2
63	40	H	TSH-TSH	TSH-TSH		00046	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00012	610MF	BW1+ 2.06	0.51		0	<20	P 2
75	40	H	TSH-TSH	TSH-TSH		00046	610BC					NDD	
		C	BW2-VS5	BW2-VS5		00069	580BC					NDD	
		C	TEC-TEH	TEC-TEH		00012	610MF	VS5+ 26.58	56.40		23	NQI	P 1
97	40	H	TSH-TSH	TSH-TSH		00046	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00011	610MF	BW1- 2.10	0.51		0	<20	P 2
107	40	H	TSH-TSH	TSH-TSH		00045	610BC					NDD	

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ROW	LIN	LEG	EXAM PROGRAM	EXTENT ACTUAL	EXP	CAL	PROBE	LOCATION	VOLTS	CURRENT MIL	DEG	%	CH
107	40	C	TEC-TEH	TEC-TEH		00012	610MF	BW1+ 2.04	0.49		0	<20	P 2
117	40	H	TSH-TSH	TSH-TSH		00046	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00011	610MF	09H+ 1.32	0.58		0	<20	P 2
119	40	H	TSH-TSH	TSH-TSH		00045	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00012	610MF	BW1+ 1.98	0.28		0	<20	P 2
121	40	H	TSH-TSH	TSH-TSH		00046	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00011	610MF	09H+ 0.80	0.60		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00011	610MF	BW1+ 1.76	0.36		0	<20	P 2
123	40	H	TSH-TSH	TSH-TSH		00045	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00012	610MF	BW1+ 1.91	0.65		0	22	P 2
125	40	H	TSH-TSH	TSH-TSH		00046	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00011	610MF	09H- 1.07	0.68		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00011	610MF	BW1- 2.32	1.06		0	24	P 2
		C	TEC-TEH	TEC-TEH		00011	610MF	BW1+ 1.87	1.44		0	29	P 2
98	41	C	TEC-TEH	TEC-TEH		00011	610MF	BW1+ 2.04	0.34		0	<20	P 2
112	41	C	TEC-TEH	TEC-TEH		00012	610MF	BW1+ 1.82	0.31		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00012	610MF	VS2- 1.05	1.00		0	29	P 2
120	41	C	TEC-TEH	TEC-TEH		00012	610MF	VS2+ 0.91	0.62		0	22	P 2
122	41	C	TEC-TEH	TEC-TEH		00011	610MF	BW1+ 1.79	1.57		0	30	P 2
126	41	C	TEC-TEH	TEC-TEH		00011	610MF	BW1+ 1.88	1.01		0	23	P 2
130	41	C	TEC-TEH	TEC-TEH		00011	610MF	09H+ 1.22	0.51		0	<20	P 2
95	42	C	TEC-TEH	TEC-TEH		00012	610MF	BW1- 1.62	0.21		0	<20	P 2
97	42	C	TEC-TEH	TEC-TEH		00011	610MF	06H+ 0.80	0.48		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00011	610MF	BW1- 1.91	0.83		0	20	P 2
		C	TEC-TEH	TEC-TEH		00011	610MF	BW1+ 1.88	0.66		0	<20	P 2
99	42	C	TEC-TEH	TEC-TEH		00011	610MF	08C+ 0.89	0.45		0	<20	P 2
107	42	C	TEC-TEH	TEC-TEH		00011	610MF	BW1+ 1.84	0.65		0	<20	P 2
111	42	C	TEC-TEH	TEC-TEH		00011	610MF					NDD	
		H	BW1-VS2	BW1-VS2		00002	580BC	BW1+ 1.80	0.57		0	<20	P 2
113	42	H	BW1-VS2	BW1-VS2		00003	580BC					NDD	
		C	TEC-TEH	TEC-TEH		00012	610MF	VS6- 0.80	0.29		0	<20	P 2
115	42	C	TEC-TEH	TEC-TEH		00011	610MF					NDD	
		H	BW1-VS2	BW1-VS2		00002	580BC	BW1- 2.46	0.48		0	<20	P 2
123	42	C	TEC-TEH	TEC-TEH		00011	610MF	09H- 1.05	0.66		0	<20	P 2
125	42	C	TEC-TEH	TEC-TEH		00012	610MF	09H+ 0.81	0.77		0	25	P 2
		C	TEC-TEH	TEC-TEH		00012	610MF	BW1- 2.04	1.31		0	33	P 2
127	42	C	TEC-TEH	TEC-TEH		00011	610MF	BW1- 2.05	0.51		0	<20	P 2
129	42	C	TEC-TEH	TEC-TEH		00012	610MF	09H+ 0.77	0.57		0	21	P 2
		C	TEC-TEH	TEC-TEH		00012	610MF	BW1- 1.99	0.52		0	20	P 2
		C	TEC-TEH	TEC-TEH		00012	610MF	VS7+ 0.61	3.48		177	INR	P 1
100	43	C	TEC-TEH	TEC-TEH		00011	610MF	BW1+ 2.45	0.81		0	20	P 2
102	43	C	TEC-TEH	TEC-TEH		00014	610MF	BW1+ 1.14	0.41		0	<20	P 2
112	43	H	-	-		00000						TBP	
		H	BW1-VS2	BW1-VS2		00003	580BC	BW1- 2.10	0.65		0	20	P 2
		H	BW1-VS2	BW1-VS2		00003	580BC	VS2- 0.96	2.52		0	43	P 2

MID CYCLE

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STEAM GENERATOR : 31
OUTAGE DATA SET : CURRENT
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ROW	LIN	LEG	EXAM	EXTENT	ACTUAL	EXP	CAL	PROBE	LOCATION	VOLTS	MIL	DEG	%	CH
112	43	H	BW1-VS2	BW1-VS2			00014	580BC	VS2- 0.96	2.90		0	PID	P 2
		C	TEC-TEH	TEC-TEH			00013	610MF	VS2- 0.76	1.29		0	30	P 2
		C	TEC-TEH	TEC-TEH			00013	610MF	VS2+ 0.84	0.45		0	<20	P 2
122	43	C	TEC-TEH	TEC-TEH			00014	610MF	09H- 0.76	0.46		0	<20	P 2
		C	TEC-TEH	TEC-TEH			00014	610MF	BW1+ 1.95	0.46		0	<20	P 2
126	43	C	TEC-TEH	TEC-TEH			00014	610MF	BW1+ 2.10	0.66		0	20	P 2
128	43	C	TEC-TEH	TEC-TEH			00013	610MF	BW1+ 1.96	0.67		0	<20	P 2
130	43	C	TEC-TEH	TEC-TEH			00014	610MF	VS1- 0.45	0.37		0	<20	P 2
101	44	C	TEC-TEH	TEC-TEH			00013	610MF	BW1- 2.27	0.60		0	<20	P 2
103	44	C	TEC-TEH	TEC-TEH			00014	610MF	BW1+ 1.85	0.25		0	<20	P 2
107	44	C	TEC-TEH	TEC-TEH			00014	610MF	BW1- 1.86	0.61		0	<20	P 2
111	44	C	TEC-TEH	TEC-TEH			00014	610MF	BW1- 2.11	0.32		0	<20	P 2
		H	BW1-VS2	BW1-VS2			00005	580BC	BW1+ 1.65	0.60		0	<20	P 2
		C	TEC-TEH	TEC-TEH			00014	610MF	BW1+ 1.65	0.34		0	<20	P 2
115	44	H	-	-			00000						TBP	
		H	BW1-VS2	BW1-VS2			00004	580BC	BW1- 4.17TO+ 2.76	2.71		0	BOW	7
		H	BW1-VS2	BW1-VS2			00004	580BC	BW1+ 0.94	0.49		0	SVI	P 2
		H	BW1-VS2	BW1-VS2			00063	580BC	BW1+ 0.96	0.36		0	PID	P 2
		C	TEC-TEH	TEC-TEH			00014	610MF	BW1+ 1.09	0.38		88	59	P 1
117	44	H	BW1-VS2	BW1-VS2			00005	580BC					NDD	
		C	TEC-TEH	TEC-TEH			00013	610MF	09H+ 1.20	0.75		0	<20	P 2
121	44	H	BW1-VS2	BW1-VS2			00002	580BC					NDD	
		C	TEC-TEH	TEC-TEH			00013	610MF	07H- 0.95	0.57		0	<20	P 2
127	44	C	TEC-TEH	TEC-TEH			00014	610MF	09H+ 0.72	1.29		0	24	P 2
131	44	C	TEC-TEH	TEC-TEH			00014	610MF	09H- 1.02	0.54		0	<20	P 2
		C	TEC-TEH	TEC-TEH			00014	610MF	09H+ 0.67	1.32		0	25	P 2
92	45	H	TSH-TSH	TSH-TSH			00045	610BC					NDD	
		C	TEC-TEH	TEC-TEH			00014	610MF	VS2- 0.83	0.34		0	<20	P 2
		C	TEC-TEH	TEC-TEH			00014	610MF	BW2- 1.50	1.24		0	24	P 2
96	45	H	TSH-TSH	TSH-TSH			00045	610BC					NDD	
		C	TEC-TEH	TEC-TEH			00014	610MF	08H- 1.16	0.83		0	<20	P 2
		C	TEC-TEH	TEC-TEH			00014	610MF	BW1- 1.63	0.66		0	20	P 2
126	45	H	TSH-TSH	TSH-TSH			00045	610BC					NDD	
		C	TEC-TEH	TEC-TEH			00013	610MF	09H+ 0.98	0.79		0	<20	P 2
130	45	H	TSH-TSH	TSH-TSH			00045	610BC					NDD	
		C	TEC-TEH	TEC-TEH			00013	610MF	09H+ 0.82	0.56		0	<20	P 2
111	46	C	TEC-TEH	TEC-TEH			00013	610MF					NDD	
		H	BW1-VS2	BW1-VS2			00005	580BC	BW1+ 1.68	0.28		0	<20	P 2
125	46	C	TEC-TEH	TEC-TEH			00014	610MF	VS3- 0.60	0.34		0	<20	P 2
129	46	C	TEC-TEH	TEC-TEH			00014	610MF	09H+ 0.86	1.04		0	21	P 2
131	46	C	TEC-TEH	TEC-TEH			00013	610MF	09H- 0.11	1.11		0	23	P 2
		C	TEC-TEH	TEC-TEH			00013	610MF	09H+ 0.96	0.79		0	<20	P 2
133	46	C	TEC-TEH	TEC-TEH			00014	610MF	09H+ 0.72	0.43		0	<20	P 2
96	47	C	TEC-TEH	TEC-TEH			00013	610MF	BW1- 2.14	0.32		0	<20	P 2
98	47	C	TEC-TEH	TEC-TEH			00014	610MF	BW1- 2.24	0.80		0	<20	P 2

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ROW	LIN	LEG	EXAM PROGRAM	EXTENT ACTUAL	EXP	CAL	PROBE	LOCATION	VOLTS	MIL	DEG	%	CH
108	47	C	TEC-TEH	TEC-TEH		00013	610MF	BW1- 1.92	0.53		0	<20	P 2
110	47	C	TEC-TEH	TEC-TEH		00014	610MF					NDD	
		H	BW1-VS2	BW1-VS2		00004	580BC	BW1- 2.06TO+ 2.14	1.53		0	BOW	7
		H	BW1-VS2	BW1-VS2		00004	580BC	BW1- 1.64	0.71		0	22	P 2
112	47	H	BW1-VS2	BW1-VS2		00004	580BC					NDD	
		C	TEC-TEH	TEC-TEH		00013	610MF	BW1- 1.96	0.40		0	<20	P 2
118	47	C	TEC-TEH	TEC-TEH		00014	610MF					NDD	
		H	BW1-VS2	BW1-VS2		00004	580BC	BW1- 1.66	0.39		0	<20	P 2
132	47	C	TEC-TEH	TEC-TEH		00013	610MF	09H+ 0.96	1.57		0	29	P 2
136	47	C	TEC-TEH	TEC-TEH		00013	610MF	BW1+ 2.11	0.27		0	<20	P 2
97	48	C	TEC-TEH	TEC-TEH		00013	610MF	BW1- 2.14	0.68		0	<20	P 2
105	48	C	TEC-TEH	TEC-TEH		00013	610MF	BW2+ 2.22	1.03		0	22	P 2
111	48	C	TEC-TEH	TEC-TEH		00014	610MF					NDD	
		H	BW1-VS2	BW1-VS2		00006	580BC	BW1- 3.60to+ 2.61	0.73		0	BOW	7
		H	BW1-VS2	BW1-VS2		00006	580BC	BW1- 1.99	0.40		0	<20	P 2
127	48	C	TEC-TEH	TEC-TEH		00014	610MF	09H+ 0.96	0.87		0	28	P 2
131	48	C	TEC-TEH	TEC-TEH		00014	610MF	09H+ 0.93	0.57		0	21	P 2
108	49	C	TEC-TEH	TEC-TEH		00014	610MF	BW1+ 2.08	0.80		0	<20	P 2
112	49	C	TEC-TEH	TEC-TEH		00014	610MF					NDD	
		H	BW1-VS2	BW1-VS2		00007	580BC	BW1- 3.84to+ 2.07	2.17		0	BOW	7
		H	BW1-VS2	BW1-VS2		00007	580BC	BW1+ 1.77	0.60		0	<20	P 2
138	49	C	TEC-TEH	TEC-TEH		00013	610MF	BW1+ 1.83	1.05		0	22	P 2
71	50	H	TSH-TSH	TSH-TSH		00043	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00013	610MF	08H+ 0.96	0.87		0	23	P 2
105	50	H	TSH-TSH	TSH-TSH		00043	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00014	610MF	BW1+ 1.18	0.80		0	<20	P 2
117	50	C	TEC-TEH	TEC-TEH		00013	610MF					NDD	
		H	TSH-TSH	TSH-TSH		00042	610BC					NDD	
		H	BW1-VS2	09H-VS2		00007	580BC	09H- 0.82	0.75		0	<20	P 2
		H	BW1-VS2	09H-VS2		00007	580BC	09H+ 1.47	0.95		0	<20	P 2
		H	BW1-VS2	09H-VS2		00007	580BC	BW1- 1.62	0.81		0	<20	P 2
121	50	H	BW1-VS2	BW1-VS2		00007	580BC					BDA	
		C	TEC-TEH	TEC-TEH		00013	610MF					NDD	
		H	TSH-TSH	TSH-TSH		00043	610BC					NDD	
		H	BW1-VS2	09H-VS2		00014	580BC	09H+ 0.00				R3C	
		H	09H-09H	09H-09H		00058	600BC	09H+ 0.04	0.61		0	<20	P 2
131	50	H	TSH-TSH	TSH-TSH		00043	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00014	610MF	08H+ 34.62	0.23		154	NQI	1
		C	TEC-TEH	TEC-TEH		00014	610MF	08H+ 37.01	0.41		142	NQI	1
		H	08H-09H	08H-09H		00049	610BC	09H+ 0.96	0.50		0	<20	P 2
135	50	H	TSH-TSH	TSH-TSH		00043	610BC					NDD	
		C	TEC-TEH	TEC-TSH		00014	610MF	BW1+ 1.96	0.52		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00057	610MF	BW1+ 2.09	0.52		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00057	610MF	VS7+ 2.18	0.72		0	21	P 2
137	50	H	TSH-TSH	TSH-TSH		00042	610BC					NDD	

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STEAM GENERATOR : 31
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ROW	LIN	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION	VOLTS	CURRENT			
			PROGRAM	ACTUAL						MIL	DEG	%	CH
137	50	C	TEC-TEH	TEC-TEH		00013	610MF	02H+ 26.03	1.00		94	NQI	1
		H	02H-03H	02H-03H		00049	610BC	02H+ 26.47	1.47		0	SVI	P 2
		H	02H-03H	02H-03H		00058	600BC	02H+ 26.74	1.64		0	PID	P 2
112	51	C	TEC-TEH	TEC-TEH		00013	610MF	VS2- 1.14	1.12		0	<20	P 2
138	51	C	TEC-TEH	TEC-TEH		00014	610MF	BW1+ 2.09	0.68		0	23	P 2
117	52	C	TEC-TEH	TEC-TEH		00013	610MF	09H- 1.33	1.25		0	29	P 2
139	52	H	08H-09H	08H-09H		00049	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00015	610MF	08H+ 7.69	0.91	127		NQI	1
		C	TEC-TEH	TEC-TEH		00015	610MF	BW1+ 1.85	0.64		0	<20	P 2
		H	09H-VS1	09H-VS1		00062	580BC	BW1+ 2.17	0.91		0	21	P 2
		C	TEC-TEH	TEC-TEH		00015	610MF	BW1+ 21.67	1.35	147		NQI	1
104	53	C	TEC-TEH	TEC-TEH		00015	610MF	BW1+ 1.26	0.54		0	<20	P 2
110	53	C	TEC-TEH	TEC-TEH		00016	610MF	BW1+ 1.80	0.21		0	<20	P 2
112	53	C	TEC-TEH	TEC-TEH		00015	610MF	BW1+ 1.36	0.77		0	<20	P 2
120	53	C	TEC-TEH	TEC-TEH		00015	610MF	09H- 0.60	0.53		0	<20	P 2
132	53	C	TEC-TEH	TEC-TEH		00015	610MF	09H+ 0.93	0.74		0	<20	P 2
140	53	C	TEC-TEH	TEC-TEH		00015	610MF	BW1+ 1.99	0.74		0	<20	P 2
113	54	C	TEC-TEH	TEC-TEH		00016	610MF	BW1- 2.30	0.51		0	<20	P 2
117	54	C	TEC-TEH	TEC-TEH		00016	610MF	09H- 0.30	1.31		0	33	P 2
		C	TEC-TEH	TEC-TEH		00016	610MF	BW1+ 1.63	0.77		0	25	P 2
121	54	C	TEC-TEH	TEC-TEH		00016	610MF	09H+ 0.85	0.75		0	25	P 2
137	54	C	TEC-TEH	TEC-TEH		00016	610MF	BW1+ 2.11	0.43		0	<20	P 2
139	54	C	TEC-TEH	TEC-TEH		00015	610MF	BW1+ 1.91	1.21		0	26	P 2
102	55	H	TSH-TSH	TSH-TSH		00043	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00016	610MF	08H- 0.94	0.40		0	<20	P 2
118	55	H	TSH-TSH	TSH-TSH		00043	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00016	610MF	VS6+ 0.73	0.30		0	<20	P 2
103	56	C	TEC-TEH	TEC-TEH		00016	610MF	BW1+ 2.00	0.45		0	<20	P 2
133	56	C	TEC-TEH	TEC-TEH		00015	610MF	BW1+ 2.04	0.51		0	<20	P 2
145	56	C	TEC-TEH	TEC-TEH		00016	610MF					NDD	
		C	TEC-TSC	TEC-TSC		00071	600BC					NDD	
		C	-	-		99999	610SM	TSC+ 0.0	2.13		0	NTE	4
110	57	H	-	-		00000						TBP	
		H	08H-BW1	08H-BW1		00049	610BC	08H- 0.72	0.23		0	<20	P 2
		H	08H-BW1	08H-09H		00049	610BC	08H+ 28.22to+ 43.35	0.13		0	BOW	7
		H	08H-BW1	08H-09H		00049	610BC	08H+ 31.61to+ 40.75	0.28		0	PDP	11
		H	08H-BW1	08H-BW1		00058	600BC	08H+ 36.60	1.29		0	PID	P 2
		H	08H-BW1	08H-09H		00049	610BC	08H+ 36.93	1.04		0	SVI	P 2
		C	TEC-TEH	TEC-TEH		00015	610MF	08H+ 37.36	0.56	101		37	P 1
112	57	C	TEC-TEH	TEC-TEH		00016	610MF	08H+ 42.93	0.57	49		NQI	P 1
		H	08H-BW1	08H-BW1		00049	610BC	BW1- 2.31	0.59		0	<20	P 2
		H	08H-BW1	08H-BW1		00049	610BC	BW1+ 1.53	0.60		0	<20	P 2
118	57	C	TEC-TEH	TEC-TEH		00015	610MF	09H- 1.63	1.07		0	24	P 2
122	57	C	TEC-TEH	TEC-TEH		00015	610MF	BW1+ 1.77	0.20		0	<20	P 2
136	57	C	TEC-TEH	TEC-TEH		00016	610MF	BW1- 2.08	0.34		0	<20	P 2

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STEAM GENERATOR : 31
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ROW	LIN	LEG	EXAM	EXTENT	ACTUAL	EXP	CAL	PROBE	LOCATION	VOLTS	MIL	DEG	%	CH
144	57	C	TEC-TEH	TEC-02H			00001	610MF					OBS	
		H	08H-VS1	08H-VS1			00001	580BC					NDD	
		C	TEC-TEH	TEC-TEH			00057	610MF	BW1+ 1.46	0.66		0	20	P 2
123	58	C	TEC-TEH	TEC-TEH			00015	610MF	08H+ 0.87	0.39		0	<20	P 2
139	58	C	TEC-TEH	TEC-TEH			00015	610MF	VS3- 0.89	0.62		0	<20	P 2
106	59	C	TEC-TEH	TEC-TEH			00016	610MF	BW1+ 1.95	0.16		0	<20	P 2
112	59	C	TEC-TEH	TEC-TEH			00015	610MF	BW1- 2.28	0.25		0	<20	P 2
144	59	C	TEC-TEH	TEC-TEH			00015	610MF	VS5- 0.86	1.62		0	31	P 2
109	60	H	TSH-TSH	TSH-TSH			00043	610BC					NDD	
		C	TEC-TEH	TEC-TEH			00015	610MF	BW1+ 1.54	0.80		0	20	P 2
117	60	H	TSH-TSH	TSH-TSH			00043	610BC					NDD	
		C	TEC-TEH	TEC-TEH			00015	610MF	09H+ 0.79	0.37		0	<20	P 2
121	60	H	TSH-TSH	TSH-TSH			00043	610BC					NDD	
		C	TEC-TEH	TEC-TEH			00015	610MF	BW1+ 1.66	0.56		0	<20	P 2
143	60	H	TSH-TSH	TSH-TSH			00043	610BC					NDD	
		C	TEC-TEH	TEC-TEH			00016	610MF	BW1+ 1.87	0.82		0	26	P 2
118	61	C	TEC-TEH	TEC-TEH			00018	610MF	09H- 1.53	0.32		0	<20	P 2
120	61	C	TEC-TEH	TEC-TEH			00017	610MF	BW1+ 2.22	0.40		0	<20	P 2
142	61	C	TEC-TEH	TEC-TEH			00018	610MF	BW1+ 2.38	0.29		0	<20	P 2
119	62	C	TEC-TEH	TEC-TEH			00017	610MF	09H- 0.97	0.65		0	<20	P 2
143	62	C	TEC-TEH	TEC-TEH			00017	610MF	07H- 1.02	0.63		0	<20	P 2
		C	TEC-TEH	TEC-TEH			00017	610MF	BW1+ 2.21	1.07		0	24	P 2
149	62	C	TEC-TEH	TEC-TEH			00017	610MF	BW1+ 1.76	0.35		0	<20	P 2
		C	TEC-TEH	TEC-TEH			00017	610MF	BW2+ 1.82	0.58		0	<20	P 2
110	63	C	TEC-TEH	TEC-TEH			00018	610MF	BW1+ 2.08	0.98		0	29	P 2
114	63	C	TEC-TEH	TEC-TEH			00018	610MF					BDA	
		C	TEC-TEH	TEC-TEH			00057	610MF	VS2+ 0.64	0.95		0	26	P 2
141	64	C	TEC-TEH	TEC-TEH			00017	610MF	VS3+ 0.31	0.99		0	23	P 2
147	64	C	TEC-TEH	TEC-TEH			00018	610MF	BW1+ 2.03	0.64		0	23	P 2
118	65	H	TSH-TSH	TSH-TSH			00043	610BC					NDD	
		C	TEC-TEH	TEC-TEH			00017	610MF	09H- 1.70	0.48		0	<20	P 2
		C	TEC-TEH	TEC-TEH			00017	610MF	BW1- 2.11	0.72		0	<20	P 2
130	65	H	TSH-TSH	TSH-TSH			00042	610BC					NDD	
		C	TEC-TEH	TEC-TEH			00017	610MF	09H+ 0.93	0.43		0	<20	P 2
117	66	C	TEC-TEH	TEC-TEH			00018	610MF	09H- 1.21	0.26		0	<20	P 2
123	66	C	TEC-TEH	TEC-TEH			00017	610MF	BW1+ 1.97	0.63		0	<20	P 2
125	66	C	TEC-TEH	TEC-TEH			00018	610MF	VS3+ 0.85	0.29		0	<20	P 2
129	66	C	TEC-TEH	TEC-TEH			00018	610MF	VS7- 0.25	0.72		0	23	P 2
135	66	C	TEC-TEH	TEC-TEH			00017	610MF	09H+ 1.25	0.90		0	21	P 2
139	66	C	TEC-TEH	TEC-TEH			00017	610MF	BW1+ 2.03	0.50		0	<20	P 2
128	67	C	TEC-TEH	TEC-TEH			00017	610MF	BW1- 2.10	0.47		0	<20	P 2
123	68	C	TEC-TEH	TEC-TEH			00017	610MF	BW1+ 1.83	1.37		0	28	P 2
125	68	C	TEC-TEH	TEC-TEH			00018	610MF	BW1+ 1.98	0.52		0	20	P 2
145	68	C	TEC-TEH	TEC-TEH			00018	610MF					BDA	
		C	TEC-TEH	TEC-TEH			00057	610MF	BW1+ 2.00	0.79		0	23	P 2

MID CYCLE

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STEAM GENERATOR : 31
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ROW	LIN	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION	CURRENT				
			PROGRAM	ACTUAL					VOLTS	MIL	DEG	%	CH
145	68	C	TEC-TEH	TEC-TEH		00057	610MF	VS7+ 0.84	0.74		0	21	P 2
149	68	C	TEC-TEH	TEC-TEH		00018	610MF	09H- 0.98	0.67		0	23	P 2
120	69	C	TEC-TEH	TEC-TEH		00017	610MF	BW1+ 2.08	0.58		0	<20	P 2
144	69	C	TEC-TEH	TEC-TEH		00017	610MF	BW1+ 2.06	0.45		0	<20	P 2
146	69	C	TEC-TEH	TEC-TEH		00018	610MF	BW1+ 2.01	0.79		0	26	P 2
148	69	C	TEC-TEH	TEC-TEH		00017	610MF	BW1+ 2.09	0.97		0	22	P 2
113	70	H	TSH-TSH	TSH-TSH		00043	610BC					NDD	
		H	BW1-VS2	BW1-VS2		00062	580BC					NDD	
		C	TEC-TEH	TEC-TEH		00018	610MF	BW1+ 6.24	0.24		74	NQI	1
117	70	H	TSH-TSH	TSH-TSH		00043	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00018	610MF	09H- 1.01	0.65		0	23	P 2
121	70	H	TSH-TSH	TSH-TSH		00043	610BC					NDD	
		H	09H-BW1	09H-BW1		00049	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00018	610MF	09H+ 3.50	0.27		104	NQI	P 1
129	70	C	TEC-TEH	TEC-TEH		00018	610MF					BDA	
		H	TSH-TSH	TSH-TSH		00043	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00057	610MF	VS7+ 0.66	0.54		0	<20	P 2
151	70	H	TSH-TSH	TSH-TSH		00043	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00017	610MF	BW1+ 1.71	0.77		0	<20	P 2
153	70	H	TSH-TSH	TSH-TSH		00043	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00017	610MF	BW1+ 1.84	0.45		0	<20	P 2
122	71	C	TEC-TEH	TEC-TEH		00020	610MF	VS1- 0.74	0.53		0	<20	P 2
124	71	C	TEC-TEH	TEC-TEH		00020	610MF	BW1+ 1.75	0.78		0	24	P 2
126	71	C	TEC-TEH	TEC-TEH		00020	610MF	BW1- 2.10	0.58		0	20	P 2
130	71	C	TEC-TEH	TEC-TEH		00020	610MF	VS1- 0.76	0.66		0	22	P 2
		C	TEC-TEH	TEC-TEH		00020	610MF	08C+ 13.66	0.42		73	NQI	1
		C	08C-09C	08C-09C		00068	610BC	08C+ 13.62	1.21		0	SVI	P 2
		C	08C-09C	08C-09C		00067	610BC	08C+ 13.45	2.20		0	PID	1
140	71	C	TEC-TEH	TEC-TEH		00018	610MF					BDA	
		C	TEC-TEH	TEC-TEH		00057	610MF	BW1+ 1.91	1.01		0	27	P 2
148	71	C	TEC-TEH	TEC-TEH		00018	610MF	VS1- 0.81	0.45		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00018	610MF	VS1+ 0.90	1.22		0	33	P 2
		H	VS3-VS5	VS3-VS5		00063	580BC	VS3- 1.02	0.44		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00018	610MF	VS3+ 27.81	0.55		121	NQI	1
		H	VS3-VS5	VS3-VS5		00063	580BC	VS5- 0.05	0.20		0	<20	P 2
154	71	C	TEC-TEH	TEC-TEH		00017	610MF	BW1+ 1.09	0.66		14	NQI	P 1
		C	TEC-TEH	TEC-TEH		00017	610MF	BW1+ 2.33	1.05		43	NQI	P 1
		H	BW1-BW1	BW1-BW1		00062	580BC	BW1+ 2.53	1.44		0	29	P 2
117	72	C	TEC-TEH	TEC-TEH		00020	610MF	09H- 1.39	0.58		0	20	P 2
		C	TEC-TEH	TEC-TEH		00020	610MF	09H+ 1.46	1.02		0	28	P 2
123	72	C	TEC-TEH	TEC-TEH		00020	610MF	BW1+ 1.88	1.01		0	28	P 2
141	72	C	TEC-TEH	TEC-TEH		00020	610MF	VS1- 0.95	0.86		0	26	P 2
143	72	C	TEC-TEH	TEC-TEH		00021	610MF	VS1- 0.78	0.80		0	28	P 2
145	72	C	TEC-TEH	TEC-TEH		00020	610MF	VS7- 0.99	0.25		0	<20	P 2
118	73	C	TEC-TEH	TEC-TEH		00020	610MF	09H+ 0.83	0.79		0	24	P 2

MID CYCLE

CUMULATIVE REPORT
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STEAM GENERATOR : 31
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ROW	LIN	LEG	EXAM PROGRAM	EXTENT ACTUAL	EXP	CAL	PROBE	LOCATION	VOLTS	CURRENT MIL	DEG	%	CH
120	73	H	TEH-TSH	TEH-TSH		00049	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00021	610MF	TEH+ 1.22	2.04		48	NQI	P 1
130	73	C	TEC-TEH	TEC-TEH		00020	610MF	09H- 0.89	0.86		0	26	P 2
152	73	C	TEC-TEH	TEC-TEH		00020	610MF	VS7+ 0.71	0.67		0	20	P 2
117	74	C	TEC-TEH	TEC-TEH		00020	610MF	08H+ 0.91	0.48		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00020	610MF	09H+ 1.29	0.74		0	23	P 2
119	74	C	TEC-TEH	TEC-TEH		00021	610MF	09H+ 0.05	0.34		0	<20	P 2
121	74	C	TEC-TEH	TEC-TEH		00020	610MF	VS2+ 0.90	0.79		0	24	P 2
125	74	C	TEC-TEH	TEC-TEH		00020	610MF	09H- 0.11	0.56		0	<20	P 2
155	74	H	04H-05H	04H-05H		00049	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00021	610MF	04H+ 16.56	0.75		54	NQI	1
		C	TEC-TEH	TEC-TEH		00021	610MF	BW1+ 2.09	0.33		0	<20	P 2
134	75	H	TSH-TSH	TSH-TSH		00044	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00020	610MF	08H+ 0.94	0.48		0	<20	P 2
140	75	H	TSH-TSH	TSH-TSH		00043	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00021	610MF	VS3- 0.71	1.42		0	33	P 2
113	76	C	TEC-TEH	TEC-TEH		00020	610MF	BW1- 2.18	0.54		0	<20	P 2
145	76	C	BW2-BW2	BW2-BW2		00069	580BC					NDD	
		C	TEC-TEH	TEC-TEH		00020	610MF	BW2+ 0.12	0.66		108	NQI	P 1
		C	TEC-TEH	TEC-TEH		00020	610MF	BW2+ 1.10	0.43		78	NQI	P 1
149	76	C	TEC-TEH	TEC-TEH		00020	610MF	BW1- 2.03	0.36		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00020	610MF	BW1+ 1.97	0.43		0	<20	P 2
153	76	C	TEC-TEH	TEC-TEH		00022	610MF	BW1+ 2.26	0.34		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00022	610MF	VS3+ 0.85	0.65		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00022	610MF	05C- 0.32	0.41		0	<20	P 2
130	77	C	TEC-TEH	TEC-TEH		00022	610MF	BW1- 2.30	0.32		0	<20	P 2
132	77	H	-	-		00000						TBP	
		H	BW1-BW1	BW1-BW1		00066	600BC	BW1+ 1.37	1.19		0	PID	P 2
		H	BW1-BW1	BW1-BW1		00062	580BC	BW1+ 1.39	3.73		0	44	P 2
		C	TEC-TEH	TEC-TEH		00023	610MF	BW1+ 1.67	1.30		0	34	P 2
140	77	C	01C-01C	01C-01C		00068	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00023	610MF	01C- 0.11	1.47		22	DSI	P 1
154	77	C	BW2-VS7	BW2-VS7		00069	580BC	BW2+ 1.67	0.62		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00022	610MF	BW2+ 2.75	0.39		151	NQI	1
113	78	C	TEC-TEH	TEC-TEH		00022	610MF	BW1+ 1.71	1.00		0	<20	P 2
117	78	C	TEC-TEH	TEC-TEH		00022	610MF	09H- 1.16	0.61		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00022	610MF	09H+ 1.22	1.03		0	<20	P 2
119	78	C	TEC-TEH	TEC-TEH		00023	610MF	BW1+ 1.39	0.76		0	23	P 2
121	78	C	TEC-TEH	TEC-TEH		00022	610MF	BW1+ 1.44	0.51		0	<20	P 2
133	78	C	TEC-TEH	TEC-TEH		00022	610MF	BW1- 2.09	1.36		0	21	P 2
149	78	C	TEC-TEH	TEC-TEH		00022	610MF	BW1+ 2.16	0.48		0	<20	P 2
151	78	H	BW1-VS1	BW1-VS1		00062	580BC					NDD	
		C	TEC-TEH	TEC-TEH		00057	610MF	09H+ 0.73	0.43		0	<20	P 2
		C	TEC-TEH	TEC-TSH		00023	610MF	BW1+ 20.24	1.07		34	NQI	1
		C	TEC-TEH	TEC-TEH		00057	610MF	BW1+ 20.24				INF	

MID CYCLE

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ROW	LIN	LEG	EXAM	EXTENT	EXP	CAL	PROBE	LOCATION	VOLTS	CURRENT	MIL	DEG	%	CH
153	78	C	TEC-TEH	TEC-TEH		00022	610MF	BW1+ 2.09	1.29			0	20	P 2
118	79	C	TEC-TEH	TEC-TEH		00022	610MF	02C- 0.69	0.43			0	<20	P 2
142	79	C	TEC-TEH	TEC-TEH		00022	610MF	VS1+ 0.87	1.23			0	20	P 2
117	80	H	TSH-TSH	TSH-TSH		00044	610BC						NDD	
		C	TEC-TEH	TEC-TEH		00023	610MF	09H- 0.93	1.09			0	31	P 2
		C	TEC-TEH	TEC-TEH		00023	610MF	09H+ 1.09	0.88			0	28	P 2
127	80	H	TSH-TSH	TSH-TSH		00045	610BC						NDD	
		C	TEC-TEH	TEC-TEH		00022	610MF	09H+ 0.78	0.84			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00022	610MF	BW1- 2.64	0.82			0	<20	P 2
129	80	H	TSH-TSH	TSH-TSH		00044	610BC						NDD	
		H	-	-		00000							TBP	
		C	TEC-TEH	TEC-TEH		00057	610MF	09H- 1.05	1.78			0	PID	P 2
		H	09H-BW1	09H-BW1		00062	580BC	09H- 0.96	2.22			0	36	P 2
		C	TEC-TEH	TEC-TEH		00023	610MF	09H- 0.82	1.86			0	37	P 2
		C	TEC-TEH	TEC-TEH		00023	610MF	BW1- 2.06	1.57			0	34	P 2
		H	09H-BW1	09H-BW1		00062	580BC	BW1- 2.04	2.46			0	38	P 2
131	80	H	TSH-TSH	TSH-TSH		00045	610BC						NDD	
		C	TEC-TEH	TEC-TEH		00022	610MF	BW1+ 2.12	1.23			0	<20	P 2
133	80	H	TSH-TSH	TSH-TSH		00044	610BC						NDD	
		H	-	-		00000							TBP	
		C	TEC-TEH	TEC-TEH		00023	610MF	09H+ 15.51	0.33		133	NQI	1	
		C	TEC-TEH	TEC-TEH		00057	610MF	09H+ 19.52	0.52		130	NQI	1	
		H	09H-BW1	09H-BW1		00062	580BC	BW1+ 1.76	4.96			0	48	P 2
		C	TEC-TEH	TEC-TEH		00057	610MF	BW1+ 1.92	1.87			0	PID	P 2
		C	TEC-TEH	TEC-TEH		00023	610MF	BW1+ 1.94	1.57			0	37	P 2
135	80	H	TSH-TSH	TSH-TSH		00045	610BC						NDD	
		C	TEC-TEH	TEC-TEH		00022	610MF	09H+ 0.88	1.18			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00022	610MF	BW1+ 1.89	1.00			0	<20	P 2
137	80	H	TSH-TSH	TSH-TSH		00044	610BC						NDD	
		H	-	-		00000							TBP	
		C	TEC-TEH	TEC-TEH		00022	610MF	09H+ 0.70	0.99			0	25	P 2
		H	BW1-VS1	BW1-VS1		00062	580BC	BW1- 3.35to+ 5.74	3.30			0	BOW	7
		H	BW1-VS1	BW1-VS1		00062	580BC	BW1+ 1.66	6.24			0	51	P 2
		H	BW1-VS1	BW1-BW1		00066	600BC	BW1+ 1.75	2.57			0	PID	P 2
		C	TEC-TEH	TEC-TEH		00022	610MF	BW1+ 1.81	1.23			0	29	P 2
		C	TEC-TEH	TEC-TEH		00022	610MF	BW1+ 3.78	0.54		16	NQI	1	
151	80	H	TSH-TSH	TSH-TSH		00044	610BC						NDD	
		C	TEC-TEH	TEC-TEH		00022	610MF	09H+ 0.74	0.59			0	<20	P 2
153	80	H	TSH-TSH	TSH-TSH		00045	610BC						NDD	
		C	TEC-TEH	TEC-TEH		00022	610MF	09H- 1.03	0.34			0	<20	P 2
118	81	C	TEC-TEH	TEC-TEH		00022	610MF	BW1- 2.06	0.54			0	<20	P 2
134	81	C	TEC-TEH	TEC-TEH		00022	610MF	BW1- 2.19to- 1.32					BDA	5
		C	TEC-TEH	TEC-TEH		00057	610MF	BW1- 2.10	0.43			0	<20	P 2
136	81	C	TEC-TEH	TEC-TEH		00023	610MF	BW1- 2.17	0.56			0	<20	P 2
138	81	C	TEC-TEH	TEC-TEH		00022	610MF	BW1- 2.08	1.80			0	26	P 2

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STEAM GENERATOR : 31
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ELECTION VARIABLES: Percent

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ROW	LIN	LEG	EXAM PROGRAM	EXTENT ACTUAL	EXP	CAL	PROBE	LOCATION	VOLTS	CURRENT MIL	DEG	%	CH
140	81	H	-	-		00000						TBP	
		C	TEC-TEH	TEC-TEH		00057	610MF	BW1- 2.46	2.19		0	PID	P 2
		C	TEC-TEH	TEC-TEH		00023	610MF	BW1- 2.30	2.14		0	41	P 2
		H	BW1-BW1	BW1-BW1		00062	580BC	BW1- 1.95	7.11		0	53	P 2
142	81	C	TEC-TEH	TEC-TEH		00022	610MF	BW1- 1.81	0.97		0	<20	P 2
150	81	C	01C-01C	01C-01C		00068	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00022	610MF	01C- 0.63	0.34	110		DSI	P 1
154	81	C	TEC-TEH	TEC-TEH		00022	610MF	VS1- 0.89	1.64		0	24	P 2
156	81	C	TEC-TEH	TEC-TEH		00023	610MF	VS1- 0.83	0.65		0	20	P 2
113	82	C	TEC-TEH	TEC-TEH		00023	610MF	BW1+ 1.53	0.55		0	<20	P 2
117	82	C	TEC-TEH	TEC-TEH		00023	610MF	09H- 0.96	0.93		0	32	P 2
119	82	C	TEC-TEH	TEC-TEH		00023	610MF	08H+ 0.88	0.28		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00023	610MF	09H- 0.80	0.37		0	<20	P 2
157	82	C	TEC-TEH	TEC-TEH		00023	610MF	VS3+ 0.86	0.67		0	27	P 2
34	83	H	TEH-TSH	TEH-TSH		00053	610BC					NDD	
		C	-	-		99999	610SL	TSH+ 0.0	0.18		0	NTE	4
146	83	H	VS1-VS3	VS1-VS3		00062	580BC					NDD	
		C	TEC-TEH	TEC-TEH		00022	610MF	VS1+ 17.18	1.24	146		<20	1
148	83	C	TEC-TEH	TEC-TEH		00023	610MF	BW1+ 2.71	0.53		0	<20	P 2
152	83	C	TEC-TEH	TEC-TEH		00023	610MF	VS3- 0.72	1.02		0	33	P 2
158	83	C	TEC-TEH	TEC-TEH		00023	610MF	BW1+ 2.04	0.34		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00023	610MF	VS5+ 0.78	0.68		0	27	P 2
117	84	C	TEC-TEH	TEC-TEH		00024	610MF	09H+ 0.94	0.62		0	<20	P 2
125	84	C	TSC-01C	TSC-01C		00068	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00024	610MF	TSC+ 2.10	0.73	114		NQI	1
127	84	C	TEC-TEH	TEC-TEH		00024	610MF	09H- 0.19	0.68		0	33	P 2
131	84	C	TEC-TEH	TEC-TEH		00057	610MF	09H+ 0.46	0.65		0	<20	P 2
		C	TEC-TEH	TSC-TEH		00024	610MF	09H+ 0.68	0.74	0		<20	P 2
141	84	C	TEC-TEH	TEC-TEH		00024	610MF	VS3+ 1.03	0.76		0	23	P 2
157	84	C	TEC-TEH	TEC-TEH		00024	610MF	BW1+ 1.82	1.02		0	27	P 2
118	85	H	TSH-TSH	TSH-TSH		00044	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00025	610MF	BW2- 1.65	0.63		0	<20	P 2
122	85	H	TSH-TSH	TSH-TSH		00044	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00025	610MF	08H- 0.09	0.40		0	<20	P 2
158	85	H	TSH-TSH	TSH-TSH		00044	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00057	610MF	BW1+ 2.29	0.57		0	<20	P 2
113	86	C	TEC-TEH	TEC-TEH		00025	610MF	BW1+ 1.83	0.45		0	<20	P 2
117	86	C	TEC-TEH	TEC-TEH		00025	610MF	09H- 1.48	0.84		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00025	610MF	09H+ 1.05	1.67		0	28	P 2
		C	TEC-TEH	TEC-TEH		00025	610MF	VS2- 0.87	0.42		0	<20	P 2
155	86	C	TEC-TEH	TEC-TEH		00025	610MF	BW1+ 2.44	1.52		0	26	P 2
114	87	C	TEC-TEH	TEC-TEH		00024	610MF					NDD	
		C	TEC-TEH	TEC-TEH		00024	610MF	BW1+ 2.40	0.71		0	21	P 2
118	87	C	TEC-TEH	TEC-TEH		00024	610MF	08H+ 1.03	0.47		0	27	P 2
		H	BW1-BW1	BW1-BW1		00062	580BC	BW1- 1.87	0.93		0	21	P 2

MID CYCLE

CUMULATIVE REPORT

12/93, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

STEAM GENERATOR : 31
 OUTAGE DATA SET : CURRENT
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ROW	LIN	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION		CURRENT				
			PROGRAM	ACTUAL						VOLTS	MIL	DEG	%	CH
118	87	C	TEC-TEH	TEC-TEH		00024	610MF	BW1+	1.98	0.57		0	21	P 2
		H	BW1-BW1	BW1-BW1		00062	580BC	BW1+	2.10	0.98		0	22	P 2
		C	TEC-TEH	TEC-TEH		00057	610MF	BW1+	2.36	0.42		0	PID	P 2
122	87	C	TEC-TEH	TEC-TEH		00024	610MF	BW2+	1.27	0.36		0	23	P 2
124	87	C	TEC-TEH	TEC-TEH		00025	610MF						BDA	
		H	09H-BW1	09H-BW1		00066	600BC	09H-	0.11	2.18		0	34	P 2
		C	TEC-TEH	TEC-TEH		00057	610MF	09H-	0.03	1.09		0	28	P 2
		C	TEC-TEH	TEC-TEH		00057	610MF	09H+	0.65	0.65		0	<20	P 2
		H	09H-BW1	09H-BW1		00066	600BC	09H+	0.91	1.33		0	26	P 2
		C	TEC-TEH	TEC-TEH		00057	610MF	09H+	6.92	0.44	102		NQI	1
136	87	C	TEC-TEH	TEC-TEH		00025	610MF	BW1-	1.82	0.23		0	<20	P 2
140	87	C	TEC-TEH	TEC-TEH		00025	610MF	BW1+	2.15	0.39		0	<20	P 2
144	87	C	TEC-TEH	TEC-TEH		00025	610MF	BW1-	1.83	0.23		0	<20	P 2
148	87	C	TEC-TEH	TEC-TEH		00025	610MF	VS1-	0.86	0.39		0	<20	P 2
115	88	C	TEC-TEH	TEC-TEH		00025	610MF	BW2+	2.12	0.98		0	<20	P 2
117	88	C	TEC-TEH	TEC-TEH		00024	610MF	08H+	0.85	0.43		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00024	610MF	09H-	1.01	1.06		0	33	P 2
143	88	C	TEC-TEH	TEC-TEH		00025	610MF	BW1+	1.72	0.60		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00025	610MF	VS5+	1.41	0.53		0	<20	P 2
147	88	C	TEC-TEH	TEC-TEH		00025	610MF	BW1-	1.85	0.36		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00025	610MF	BW1+	1.82	0.75		0	<20	P 2
151	88	H	BW1-VS1	BW1-BW1		00061	580BC						BDA	
		H	BW1-VS1	BW1-BW1		00062	580BC	BW1+	0.21to+ 4.90	3.00		0	BOW	7
		H	BW1-VS1	BW1-VS1		00067	580BC	BW1+	0.47to+ 4.90	2.70		0	BOW	7
		C	TEC-TEH	TEC-TEH		00025	610MF	BW1+	3.04	0.34	75		NQI	P 1
		C	TEC-TEH	TEC-TEH		00025	610MF	BW2-	1.73	0.21		0	<20	P 2
155	88	C	TEC-TEH	TEC-TEH		00025	610MF	BW1+	1.80	0.69		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00025	610MF	BW2-	1.96	0.98		0	<20	P 2
130	89	C	TEC-TEH	TEC-TEH		00025	610MF	VS5-	0.87	0.36		0	<20	P 2
142	89	C	TEC-TEH	TEC-TEH		00025	610MF	VS1-	0.89	0.33		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00025	610MF	VS1+	0.54	0.53		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00025	610MF	VS3-	0.74	0.41		0	<20	P 2
144	89	C	TEC-TEH	TEC-TEH		00024	610MF	BW1+	2.73	0.49		0	<20	P 2
146	89	C	TEC-TEH	TEC-TEH		00025	610MF	BW1+	1.83	0.15		0	<20	P 2
148	89	C	TEC-TEH	TEC-TEH		00024	610MF	BW1-	1.90	0.85		0	24	P 2
150	89	C	TEC-TEH	TEC-TEH		00025	610MF	VS1-	0.87	0.44		0	<20	P 2
152	89	C	TEC-TEH	TEC-TEH		00024	610MF	VS1-	0.83	0.57		0	23	P 2
154	89	C	TEC-TEH	TEC-TEH		00025	610MF	09H-	1.21	0.45		0	<20	P 2
158	89	C	TEC-TEH	TEC-TEH		00025	610MF	VS3+	0.92	0.78		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00025	610MF	VS5+	0.86	0.51		0	<20	P 2
113	90	H	TSH-TSH	TSH-TSH		00039	610BC						NDD	
		C	TEC-TEH	TEC-TEH		00024	610MF	TSH-	0.19	3.93		47	DTI	P 4
117	90	H	TSH-TSH	TSH-TSH		00039	610BC						NDD	
		C	TEC-TEH	TEC-TEH		00024	610MF	08H-	0.11	0.41		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00024	610MF	09H-	1.21	0.59		0	24	P 2

MID CYCLE

CUMULATIVE REPORT
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STEAM GENERATOR : 31
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ROW	LIN	LEG	EXAM	EXTENT	EXP	CAL	PROBE	LOCATION	VOLTS	CURRENT	MIL	DEG	%	CH
117	90	C	TEC-TEH	TEC-TEH		00024	610MF	09H+ 1.10	0.79			0	29	P 2
125	90	H	TSH-TSH	TSH-TSH		00039	610BC						NDD	
		C	TEC-TEH	TEC-TEH		00024	610MF	BW2+ 1.64	0.36			0	<20	P 2
131	90	H	TSH-TSH	TSH-TSH		00039	610BC						NDD	
		C	TEC-TEH	TEC-TEH		00025	610MF	BW1+ 1.96	0.72			0	<20	P 2
137	90	H	TSH-TSH	TSH-TSH		00039	610BC						NDD	
		H	01H-01H	01H-01H		00049	610BC						NDD	
		C	TEC-TEH	TEC-TEH		00024	610MF	01H- 0.32	0.81			116	DSI	P 1
147	90	H	TSH-TSH	TSH-TSH		00039	610BC						NDD	
		C	TEC-TEH	TEC-TEH		00025	610MF	BW1- 1.83	0.39			0	<20	P 2
149	90	H	TSH-TSH	TSH-TSH		00039	610BC						NDD	
		C	TEC-TEH	TEC-TEH		00024	610MF	09H+ 0.87	0.73			0	27	P 2
		C	TEC-TEH	TEC-TEH		00024	610MF	BW1+ 2.07	0.38			0	<20	P 2
155	90	H	TSH-TSH	TSH-TSH		00039	610BC						NDD	
		C	TEC-TEH	TEC-TEH		00025	610MF	BW1+ 2.13	1.25			0	23	P 2
159	90	H	TSH-TSH	TSH-TSH		00039	610BC						NDD	
		C	TEC-TEH	TEC-TEH		00025	610MF	VS3+ 0.73	1.34			0	24	P 2
142	91	C	TEC-TEH	TEC-TEH		00025	610MF	VS1+ 0.96	0.90			0	<20	P 2
148	91	C	TEC-TEH	TEC-TEH		00025	610MF	BW1- 1.83	0.18			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00025	610MF	BW1+ 2.11	0.87			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00025	610MF	BW2+ 1.57	1.07			0	20	P 2
150	91	C	TEC-TEH	TEC-TEH		00025	610MF	BW1- 1.88	0.48			0	<20	P 2
158	91	C	TEC-TEH	TEC-TEH		00025	610MF	VS1- 0.55	0.91			0	20	P 2
		C	TEC-TEH	TEC-TEH		00025	610MF	VS7- 0.80	0.63			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00025	610MF	VS7+ 0.93	1.02			0	20	P 2
117	92	C	TEC-TEH	TEC-TEH		00027	610MF	09H- 0.27	0.45			0	<20	P 2
141	92	C	TEC-TEH	TEC-TSH		00027	610MF	VS3+ 0.92	0.96			0	23	P 2
		C	TEC-TEH	TEC-TEH		00057	610MF	VS3+ 1.11	0.90			0	25	P 2
147	92	C	TEC-TEH	TEC-TSH		00027	610MF	BW1+ 1.75	0.32			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00057	610MF	BW1+ 2.13	0.54			0	<20	P 2
149	92	C	TEC-TEH	TEC-TEH		00057	610MF	09H- 0.94	0.36			0	<20	P 2
		C	TEC-TEH	TEC-TSH		00027	610MF	09H- 0.79	0.37			0	<20	P 2
153	92	C	TEC-TEH	TEC-TEH		00027	610MF	BW2+ 1.86	0.34			0	<20	P 2
126	93	C	TEC-TEH	TEC-TEH		00027	610MF	BW1- 1.89	0.55			0	<20	P 2
		H	BW1-VS1	BW1-VS1		00010	580BC	BW1- 1.59	0.60			0	<20	P 2
130	93	H	BW1-VS1	BW1-VS1		00010	580BC	BW1+ 1.97	1.18			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00027	610MF	BW1+ 2.06	1.34			0	26	P 2
132	93	C	TEC-TEH	TEC-TEH		00026	610MF	BW1+ 2.03	1.07			0	22	P 2
136	93	C	TEC-TEH	TEC-TEH		00026	610MF	09H+ 0.93	0.68			0	<20	P 2
154	93	C	TEC-TEH	TEC-TEH		00026	610MF	09H+ 0.79	0.92			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00026	610MF	BW1+ 2.13	0.92			0	<20	P 2
156	93	C	TEC-TEH	TEC-TEH		00026	610MF	BW1+ 1.86	0.33			0	<20	P 2
121	94	C	TEC-TEH	TEC-TEH		00027	610MF						NDD	
		H	BW1-VS2	BW1-VS3		00010	580BC	BW1+ 1.92	0.87			0	20	P 2
123	94	H	TSH-01H	TSH-01H		00057	600BC						NDD	

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ROW	LIN	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION		CURRENT				
			PROGRAM	ACTUAL						VOLTS	MIL	DEG	%	CH
123	94	H	BW1-VS1	BW1-VS1		00011	580BC	BW1+	2.05	1.50		0	29	P 2
		C	TEC-TEH	TEC-TEH		00026	610MF	BW1+	2.12	0.76		0	<20	P 2
125	94	C	TEC-TEH	TEC-TEH		00026	610MF						NDD	
		H	BW1-VS1	BW1-VS1		00010	580BC	BW1+	1.89	1.87		0	33	P 2
127	94	C	TEC-TEH	TEC-TEH		00026	610MF						NDD	
		H	BW1-VS1	BW1-VS1		00010	580BC	BW1+	1.97	0.36		0	<20	P 2
129	94	C	TEC-TEH	TEC-TEH		00026	610MF						NDD	
		H	BW1-VS1	BW1-VS1		00010	580BC	BW1+	1.53	0.39		0	<20	P 2
135	94	C	TEC-TEH	TEC-TEH		00029	610MF	BW1+	1.89	0.62		0	25	P 2
		C	TEC-TEH	TEC-TEH		00027	610MF	BW1+	2.11	0.68		0	<20	P 2
137	94	H	-	-		00000							TBP	
		C	TEC-TEH	TEC-TEH		00026	610MF	BW1-	1.85	1.61		0	29	P 2
		H	BW1-BW1	BW1-BW1		00061	580BC	BW1-	1.82	4.31		0	47	P 2
		H	BW1-BW1	BW1-BW1		00066	600BC	BW1-	1.81	1.87		0	PID	P 2
		H	BW1-BW1	BW1-BW1		00061	580BC	BW1+	0.47	2.84		0	40	P 2
		C	TEC-TEH	TEC-TEH		00026	610MF	BW1+	0.51	1.71		29	NQI	P 1
141	94	C	TEC-TEH	TEC-TEH		00026	610MF	VS1+	0.73	0.42		0	<20	P 2
147	94	C	TEC-TEH	TEC-TEH		00026	610MF	BW1+	1.25	0.52		0	<20	P 2
114	95	H	TSH-TSH	TSH-TSH		00039	610BC						NDD	
		C	TEC-TEH	TEC-TEH		00027	610MF	VS2-	0.85	0.48		0	<20	P 2
120	95	H	TSH-TSH	TSH-TSH		00040	610BC						NDD	
		H	BW1-VS2	BW1-VS3		00010	580BC	BW1+	2.06	1.23		0	26	P 2
		C	TEC-TEH	TEC-TEH		00027	610MF	BW1+	2.18	0.54		0	<20	P 2
122	95	C	TEC-TEH	TEC-TEH		00026	610MF						NDD	
		H	TSH-TSH	TSH-TSH		00039	610BC						NDD	
		H	BW1-VS1	BW1-VS1		00010	580BC	BW1+	1.99	0.61		0	<20	P 2
126	95	H	BW1-VS1	BW1-VS1		00011	580BC						NDD	
		H	TSH-TSH	TSH-TSH		00039	610BC						NDD	
		C	TEC-TEH	TEC-TEH		00026	610MF	09H-	0.89	0.40		0	<20	P 2
136	95	H	TSH-TSH	TSH-TSH		00039	610BC						NDD	
		C	TEC-TEH	TEC-TEH		00026	610MF	BW1-	1.35	1.14		0	23	P 2
		C	TEC-TEH	TEC-TEH		00026	610MF	BW1+	2.18	0.25		0	<20	P 2
138	95	H	TSH-TSH	TSH-TSH		00040	610BC						NDD	
		C	TEC-TEH	TEC-TEH		00026	610MF	BW1-	2.01	0.99		0	21	P 2
		C	TEC-TEH	TEC-TEH		00026	610MF	BW1+	1.89	0.66		0	<20	P 2
154	95	H	TSH-TSH	TSH-TSH		00040	610BC						NDD	
		C	TEC-TEH	TEC-TEH		00026	610MF	BW1+	2.21	0.42		0	<20	P 2
156	95	H	TSH-TSH	TSH-TSH		00039	610BC						NDD	
		C	TEC-TEH	TEC-TEH		00026	610MF	BW1+	2.20	0.47		0	<20	P 2
117	96	H	09H-09H	09H-09H		00064	600BC	09H-	1.20	0.61		0	<20	P 2
		H	09H-09H	BW1-BW1		00061	580BC	09H-	0.75				R3C	P 4
		H	09H-09H	09H-09H		00064	600BC	09H+	0.75	1.47		0	29	P 2
		C	TEC-TEH	TEC-TEH		00028	610MF	BW1+	0.0	0.43		135	NQI	P 1
		H	09H-09H	BW1-BW1		00061	580BC	BW1+	0.00	1.48		0	29	P 2
119	96	C	TEC-TEH	TEC-TEH		00028	610MF	BW1+	1.78	1.08		0	21	P 2

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STEAM GENERATOR : 31
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ROW	LIN	LEG	EXAM PROGRAM	EXTENT ACTUAL	EXP	CAL	PROBE	LOCATION	VOLTS	MIL	DEG	%	CH
121	96	C	TEC-TEH	TEC-TEH		00028	610MF	BW1- 2.20	0.58		0	<20	P 2
		H	BW1-VS2	BW1-VS2		00010	580BC	BW1- 2.17	1.46		0	29	P 2
133	96	C	TEC-TEH	TEC-TEH		00028	610MF	BW1+ 2.10	0.97		0	20	P 2
137	96	C	TEC-TEH	TEC-TEH		00028	610MF	BW1- 2.16	0.24		0	<20	P 2
149	96	C	TEC-TEH	TEC-TEH		00028	610MF	BW1+ 2.16	0.44		0	<20	P 2
151	96	C	TEC-TEH	TEC-TEH		00028	610MF	09H+ 0.91	0.92		0	<20	P 2
122	97	H	BW1-VS1	BW1-VS1		00013	580BC					NDD	
		H	BW1-VS1	BW1-VS1		00012	580BC					NDD	
		C	TEC-TEH	TEC-TEH		00028	610MF	09H- 0.69	0.33		0	<20	P 2
150	97	C	TEC-TEH	TEC-TEH		00028	610MF	09H+ 0.88	0.96		0	<20	P 2
156	97	C	TEC-TEH	TEC-TEH		00028	610MF	VS3- 0.88				INR	
		C	TEC-TEH	TEC-TEH		00028	610MF	BW2- 1.87	0.41		0	<20	P 2
158	97	C	TEC-TEH	TEC-TEH		00028	610MF	09H+ 0.77	0.50		0	<20	P 2
117	98	C	TEC-TEH	TEC-TEH		00028	610MF	09H+ 0.63	0.60		0	<20	P 2
119	98	C	TEC-TEH	TEC-TEH		00028	610MF	07H- 0.78	0.34		0	<20	P 2
125	98	H	BW1-VS1	BW1-VS1		00012	580BC					NDD	
		H	BW1-VS1	BW1-VS1		00014	580BC					NDD	
		C	TEC-TEH	TEC-TEH		00028	610MF					NDD	
		H	BW1-VS1	BW1-VS1		00016	580BC	BW1- 2.41	0.61		0	<20	P 2
131	98	C	TEC-TEH	TEC-TEH		00028	610MF					BDA	
		C	TEC-TEH	TEC-TEH		00063	610MF					NDD	
		H	BW1-VS1	BW1-VS1		00014	580BC	BW1+ 1.59	0.33		0	<20	P 2
147	98	C	TEC-TEH	TEC-TEH		00028	610MF	09H- 0.73	0.64		0	<20	P 2
149	98	C	TEC-TEH	TEC-TEH		00028	610MF	09H+ 0.91	0.89		0	<20	P 2
153	98	C	TEC-TEH	TEC-TEH		00028	610MF	09H+ 0.88	0.45		0	<20	P 2
155	98	C	TEC-TEH	TEC-TEH		00028	610MF	BW1+ 2.28	0.93		0	<20	P 2
157	98	C	TEC-TEH	TEC-TEH		00028	610MF	BW1+ 2.05	0.41		0	<20	P 2
159	98	C	TEC-TEH	TEC-TEH		00031	610MF	BW1+ 2.00	0.39		0	<20	P 2
120	99	H	BW1-VS2	09H-VS2		00014	580BC	09H+ 0.00				R3C	
		H	09H-09H	09H-09H		00057	600BC	09H+ 0.77	1.34		0	25	P 2
		C	TEC-TEH	TEC-TEH		00030	610MF	BW1+ 12.72	28.36		169	DNT	P 1
138	99	C	TEC-TEH	TEC-TEH		00030	610MF	BW2+ 1.78	0.27		0	<20	P 2
148	99	C	TEC-TEH	TEC-TEH		00030	610MF	09H+ 0.75	0.19		0	<20	P 2
156	99	C	TEC-TEH	TEC-TEH		00030	610MF	08H- 0.93	0.36		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00030	610MF	BW1+ 2.13	0.30		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00030	610MF	VS7- 0.74	0.37		0	<20	P 2
117	100	H	TSH-TSH	TSH-TSH		00038	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00030	610MF	08H+ 0.92	1.22		0	26	P 2
121	100	H	TSH-TSH	TSH-TSH		00038	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00030	610MF	VS5- 0.81	0.27		0	<20	P 2
137	100	H	TSH-TSH	TSH-TSH		00038	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00030	610MF	09H+ 0.93	0.23		0	<20	P 2
141	100	H	TSH-TSH	TSH-TSH		00038	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00030	610MF	BW1+ 1.73	0.33		0	<20	P 2
151	100	H	TSH-TSH	TSH-TSH		00037	610BC					NDD	

MID CYCLE

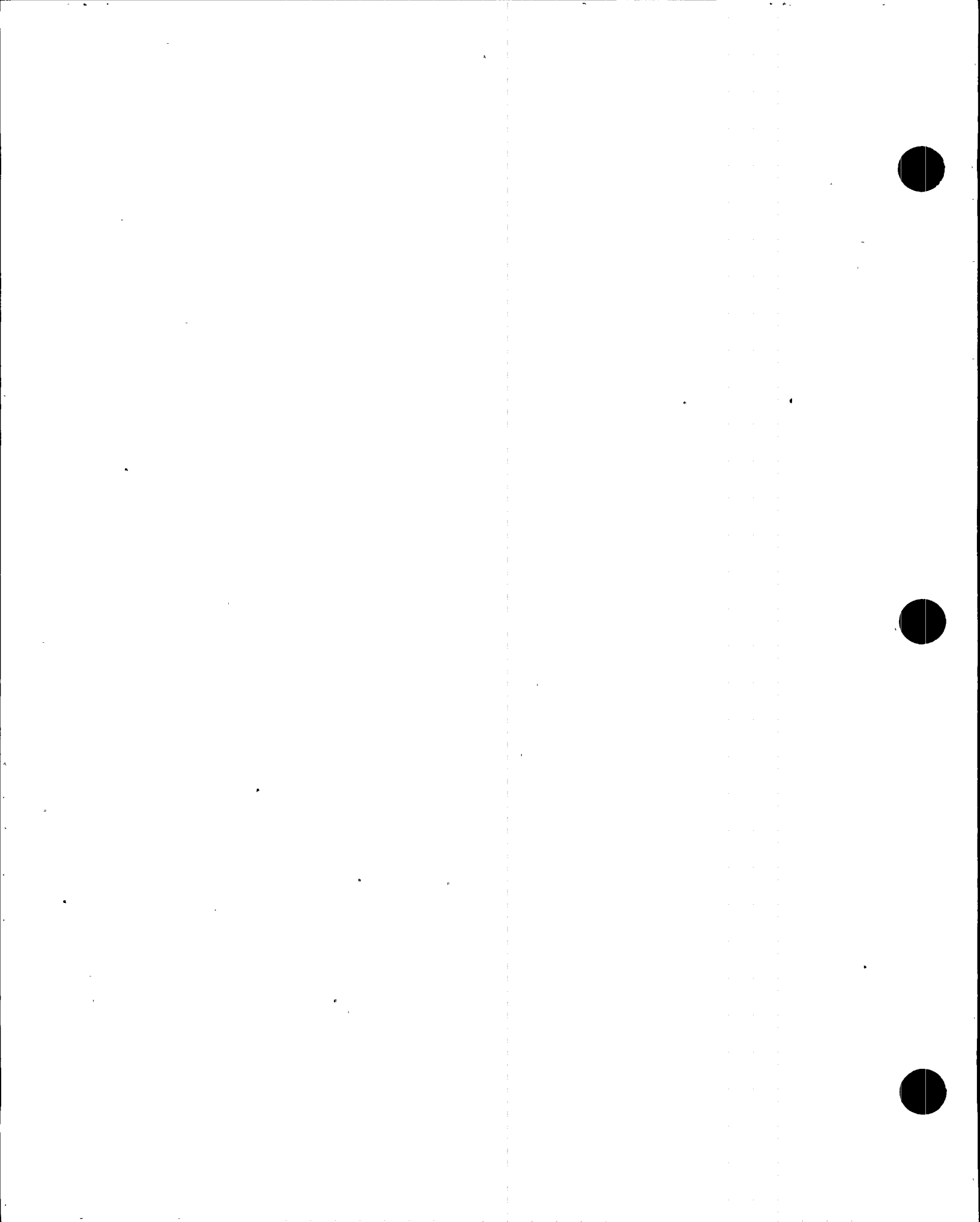
CUMULATIVE REPORT
12/93, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

STEAM GENERATOR : 31
VOLTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

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DATE: 12/28/93
TIME: 10:56:04

ROW	LIN	LEG	EXAM PROGRAM	EXTENT ACTUAL	EXP	CAL	PROBE	LOCATION	VOLTS	MIL	DEG	%	CH
151	100	C	TEC-TEH	TEC-TEH		00030	610MF	BW1+ 1.82	0.63		0	<20	P 2
159	100	H	TSH-TSH	TSH-TSH		00037	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00031	610MF	BW1+ 2.27	0.51		0	24	P 2
134	101	C	TEC-TEH	TEC-TEH		00030	610MF	VS1+ 0.93	0.63		0	<20	P 2
113	102	C	TEC-TEH	TEC-TEH		00030	610MF	BW1+ 1.68	0.27		0	<20	P 2
127	102	H	08H-09H	08H-09H		00057	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00031	610MF	08H+ 39.79	1.40		27	NQI	P 1
133	102	H	-	-		00000						TBP	
		H	09H-09H	09H-09H		00057	600BC	09H+ 0.79	1.35		0	25	P 2
		H	09H-09H	09H-09H		00057	600BC	09H+ 0.80	1.18		0	23	P 2
		C	TEC-TEH	TEC-TEH		00030	610MF	09H+ 1.00	1.05		0	35	P 2
		C	TEC-TEH	TEC-TEH		00063	610MF	09H+ 1.00	1.25		0	PID	P 2
143	102	C	TEC-TEH	TEC-TEH		00031	610MF	VS3+ 1.01	1.03		0	25	P 2
149	102	C	TEC-TEH	TEC-TEH		00030	610MF	09H+ 0.91	0.53		0	25	P 2
153	102	H	-	-		00000						TBP	
		C	TEC-TEH	TEC-TEH		00030	610MF	VS1- 1.03	0.91		0	33	P 2
		C	TEC-TEH	TEC-TEH		00030	610MF	VS1+ 1.13	1.75		0	42	P 2
		C	TEC-TEH	TEC-TEH		00063	610MF	VS1+ 1.13	0.96		0	PID	P 2
57	102	C	TEC-TEH	TEC-TEH		00030	610MF	09H+ 0.79	0.28		0	<20	P 2
114	103	C	TEC-TEH	TEC-TEH		00032	610MF	BW1+ 2.10	1.05		0	27	P 2
118	103	C	TEC-TEH	TEC-TEH		00032	610MF	BW2+ 1.72	0.86		0	23	P 2
120	103	C	TEC-TEH	TEC-TEH		00033	610MF	VS2- 0.74	0.80		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00033	610MF	VS5- 0.87	0.68		0	<20	P 2
122	103	C	TEC-TEH	TEC-TEH		00032	610MF	09H- 0.95	0.72		0	20	P 2
134	103	C	TEC-TEH	TEC-TEH		00032	610MF	BW1+ 2.07	1.10		0	27	P 2
136	103	C	TEC-TEH	TEC-TEH		00033	610MF	VS1+ 0.97	0.87		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00033	610MF	BW2- 2.24	0.80		0	<20	P 2
144	103	C	TEC-TEH	TEC-TEH		00033	610MF	VS1+ 0.63	0.66		0	<20	P 2
146	103	C	TEC-TEH	TEC-TEH		00030	610MF	VS1+ 0.41	0.77		0	31	P 2
		C	TEC-TEH	TEC-TEH		00063	610MF	VS1+ 0.91	1.09		0	PID	P 2
154	103	C	TEC-TEH	TEC-TEH		00031	610MF	VS3+ 0.86	1.17		0	27	P 2
156	103	C	TEC-TEH	TEC-TEH		00030	610MF	BW1+ 1.73	0.42		0	21	P 2
123	104	C	TEC-TEH	TEC-TEH		00033	610MF	09H+ 0.93	1.33		0	25	P 2
125	104	C	TEC-TEH	TEC-TEH		00032	610MF	BW1+ 2.15	0.82		0	22	P 2
127	104	C	TEC-TEH	TEC-TEH		00033	610MF	BW1+ 2.07	0.66		0	<20	P 2
129	104	C	TEC-TEH	TEC-TEH		00032	610MF	BW1- 2.25	1.00		0	20	P 2
133	104	C	TEC-TEH	TEC-TEH		00032	610MF	BW1- 2.25	0.77		0	20	P 2
135	104	C	TEC-TEH	TEC-TEH		00033	610MF	BW1- 2.47	0.87		0	<20	P 2
143	104	C	TEC-TEH	TEC-TEH		00033	610MF	VS1- 0.91	0.89		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00033	610MF	VS1+ 0.85	1.12		0	23	P 2
		C	TEC-TEH	TEC-TEH		00033	610MF	VS3+ 0.00	1.17		0	23	P 2
		C	TEC-TEH	TEC-TEH		00033	610MF	VS3+ 0.58	0.93		0	20	P 2
149	104	C	TEC-TEH	TEC-TEH		00033	610MF	VS1+ 0.66	1.56		0	28	P 2
153	104	C	TEC-TEH	TEC-TEH		00033	610MF	VS1+ 0.67	0.77		0	<20	P 2
155	104	C	TEC-TEH	TEC-TEH		00033	610MF	BW1+ 1.96	1.07		0	22	P 2

MID CYCLE



CUMULATIVE REPORT
12/93, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

STEAM GENERATOR : 31
OUTAGE DATA SET : CURRENT
COLLECTION VARIABLES: Percent

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DATE: 12/28/93
TIME: 10:56:04

ROW	LIN	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION	CURRENT				
			PROGRAM	ACTUAL					VOLTS	MIL	DEG	%	CH
126	105	H	TSH-TSH	TSH-TSH		00037	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00033	610MF	VS5- 0.72	0.56		0	<20	P 2
134	105	H	TSH-TSH	TSH-TSH		00037	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00033	610MF	BW1- 2.03	0.37		0	<20	P 2
136	105	H	TSH-TSH	TSH-TSH		00050	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00033	610MF	BW1- 2.46	0.87		0	<20	P 2
144	105	H	TSH-TSH	TSH-TSH		00050	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00033	610MF	BW1- 2.21	0.44		0	<20	P 2
146	105	H	TSH-TSH	TSH-TSH		00037	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00033	610MF	VS1+ 0.44	1.17		0	23	P 2
		C	TEC-TEH	TEC-TEH		00033	610MF	VS5- 0.72	0.58		0	<20	P 2
158	105	H	TSH-TSH	TSH-TSH		00037	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00033	610MF	VS3+ 0.89	0.91		0	<20	P 2
121	106	C	TEC-TEH	TEC-TEH		00032	610MF	09H- 0.84	0.31		0	<20	P 2
125	106	C	TEC-TEH	TEC-TEH		00032	610MF					BDA	
		C	TEC-TEH	TEC-TEH		00061	610MF	09H+ 0.90	0.52		0	<20	P 2
137	106	C	TEC-TEH	TEC-TEH		00032	610MF	BW1- 2.25	0.81		0	22	P 2
145	106	C	TEC-TEH	TEC-TEH		00032	610MF	BW1- 2.05	0.48		0	<20	P 2
147	106	C	TEC-TEH	TEC-TEH		00033	610MF	BW1- 2.09	0.38		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00033	610MF	BW1+ 2.01	0.61		0	<20	P 2
149	106	C	TEC-TEH	TEC-TEH		00032	610MF	BW1- 2.19	0.46		0	<20	P 2
122	107	C	TEC-TEH	TEC-TEH		00032	610MF	09H- 0.06	0.50		0	<20	P 2
132	107	C	TEC-TEH	TEC-TEH		00034	610MF	VS1- 0.82	0.54		0	<20	P 2
142	107	C	TEC-TEH	TEC-TEH		00033	610MF	VS1+ 0.58	1.01		0	21	P 2
		C	TEC-TEH	TEC-TEH		00033	610MF	VS5- 0.63	0.80		0	<20	P 2
150	107	C	TEC-TEH	TEC-TEH		00033	610MF	VS3+ 1.18	0.68		0	<20	P 2
152	107	C	TEC-TEH	TEC-TEH		00033	610MF	BW1- 1.75	0.52		0	<20	P 2
113	108	C	TEC-TEH	TEC-TEH		00061	610MF	BW1+ 1.92	0.44		0	<20	P 2
131	108	C	TEC-TEH	TEC-TEH		00035	610MF					BDA	
		C	TEC-TEH	TEC-TEH		00061	610MF	09H+ 0.95	1.23		0	32	P 2
135	108	C	TEC-TEH	TEC-TEH		00035	610MF					BDA	
		C	TEC-TEH	TEC-TEH		00061	610MF	09H+ 0.91	0.52		0	<20	P 2
145	108	C	TEC-TEH	TEC-TEH		00034	610MF	BW1+ 1.62	0.21		0	<20	P 2
151	108	C	TEC-TEH	TEC-TEH		00035	610MF	VS1- 0.62	0.37		0	<20	P 2
126	109	C	TEC-TEH	TEC-TEH		00034	610MF	BW1+ 2.13	0.66		0	<20	P 2
150	109	C	TEC-TEH	TEC-TEH		00035	610MF					BDA	
		C	TEC-TEH	TEC-TEH		00061	610MF	09H+ 0.85	0.54		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00061	610MF	VS1- 0.74	0.23		0	INR	P 2
154	109	C	TEC-TEH	TEC-TEH		00035	610MF					BDA	
		C	TEC-TEH	TEC-TEH		00061	610MF	09H+ 0.88	0.84		0	25	P 2
156	109	C	TEC-TEH	TEC-TEH		00034	610MF	VS5- 0.79	0.86		0	<20	P 2
127	110	H	TSH-TSH	TSH-TSH		00050	610BC					NDD	
		C	BW2-VS7	BW2-VS7		00069	580BC					NDD	
		C	TEC-TEH	TEC-TEH		00034	610MF	VS7+ 16.42	0.32		147	NQI	1
55	110	H	TSH-TSH	TSH-TSH		00050	610BC					NDD	

MID CYCLE

CUMULATIVE REPORT
12/93, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

STEAM GENERATOR : 31
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

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DATE: 12/28/93
TIME: 10:56:04

ROW	LIN	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION	CURRENT				
			PROGRAM	ACTUAL					VOLTS	MIL	DEG	%	CH
155	110	C	TEC-TEH	TEC-TEH		00034	610MF	BW1+ 1.76	0.68		0	<20	P 2
126	111	C	TEC-TEH	TEC-TEH		00036	610MF					BDA	
		H	05H-06H	05H-06H		00066	600BC	05H+ 30.22	1.32		0	SVI	P 2
		C	TEC-TEH	TEC-TEH		00060	610MF	05H+ 30.80	0.42		106	NQI	1
142	111	C	TEC-TEH	TEC-TEH		00036	610MF					BDA	
		H	BW1-VS1	BW1-VS1		00015	580BC	BW1+ 1.72	0.34		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00060	610MF	VS1+ 0.82	1.79		0	33	P 2
		H	BW1-VS1	BW1-VS1		00015	580BC	VS1+ 0.90	3.25		0	38	P 2
		H	BW1-VS1	VS1-VS1		00024	580BC	VS1+ 0.98	3.05		0	PID	P 2
154	111	C	TEC-TEH	TEC-TEH		00036	610MF					BDA	
		C	TEC-TEH	TEC-TEH		00060	610MF	BW1+ 1.70	0.73		0	25	P 2
117	112	C	TEC-TEH	TEC-TEH		00036	610MF					BDA	
		C	TEC-TEH	TEC-TEH		00060	610MF	BW1+ 2.07	0.46		0	<20	P 2
123	112	C	TEC-TEH	TEC-TEH		00034	610MF	09H+ 0.90	1.14		0	21	P 2
143	112	C	TEC-TEH	TEC-TEH		00034	610MF	BW1+ 3.40	0.76		21	NQI	P 1
		H	BW1-VS1	BW1-VS1		00015	580BC	VS1- 0.83	0.39		0	<20	P 2
147	112	C	TEC-TEH	TEC-TEH		00034	610MF					NDD	
		H	BW1-VS1	BW1-VS1		00015	580BC	VS1- 0.61	0.98		0	<20	P 2
51	112	C	TEC-TEH	TEC-TEH		00034	610MF	BW1- 1.98	0.69		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00034	610MF	VS3+ 0.86	1.47		0	25	P 2
153	112	C	TEC-TEH	TEC-TEH		00036	610MF					BDA	
		C	TEC-TEH	TEC-TEH		00060	610MF	03H- 0.39	0.62		0	<20	P 2
116	113	C	TEC-TEH	TEC-TEH		00034	610MF	09H+ 0.53	0.41		0	<20	P 2
118	113	C	TEC-TEH	TEC-TEH		00034	610MF	BW1+ 1.76	0.43		0	<20	P 2
134	113	C	TEC-TEH	TEC-TEH		00034	610MF	VS1+ 0.81	0.44		0	<20	P 2
136	113	C	TEC-TEH	TEC-TEH		00034	610MF	BW1+ 1.59	0.29		0	<20	P 2
140	113	H	BW1-VS1	BW1-VS1		00015	580BC					NDD	
		C	TEC-TEH	TEC-TEH		00034	610MF	BW2+ 1.51	0.53		0	<20	P 2
150	113	C	TEC-TEH	TEC-TEH		00036	610MF					BDA	
		C	TEC-TEH	TEC-TEH		00060	610MF	09H- 0.71	0.49		0	<20	P 2
152	113	C	TEC-TEH	TEC-TEH		00034	610MF	VS1- 0.96	0.66		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00034	610MF	VS3- 0.99	1.31		0	23	P 2
154	113	C	TEC-TEH	TEC-TEH		00036	610MF					BDA	
		H	09H-BW1	09H-BW1		00066	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00060	610MF	09H+ 15.12	0.68		41	NQI	1
156	113	C	TEC-TEH	TEC-TEH		00034	610MF	BW1+ 2.16	0.79		0	<20	P 2
117	114	C	TEC-TEH	TEC-TEH		00038	610MF	BW1+ 1.84	0.82		0	<20	P 2
121	114	C	TEC-TEH	TEC-TEH		00038	610MF	09H+ 0.75	0.62		0	<20	P 2
131	114	C	TEC-TEH	TEC-TEH		00037	610MF	BW1- 2.27	0.61		0	<20	P 2
135	114	C	TEC-TEH	TEC-TEH		00037	610MF	BW1+ 1.84	1.21		0	21	P 2
139	114	H	BW1-VS1	BW1-VS1		00015	580BC					BDA	
		H	BW1-VS1	BW1-VS1		00017	580BC					NDD	
		H	BW1-VS1	BW1-VS1		00018	580BC					BDA	
		C	TEC-TEH	TEC-TEH		00037	610MF	BW1- 2.00	1.21		0	21	P 2
145	114	H	BW1-VS1	BW1-VS1		00017	580BC					NDD	

MID CYCLE

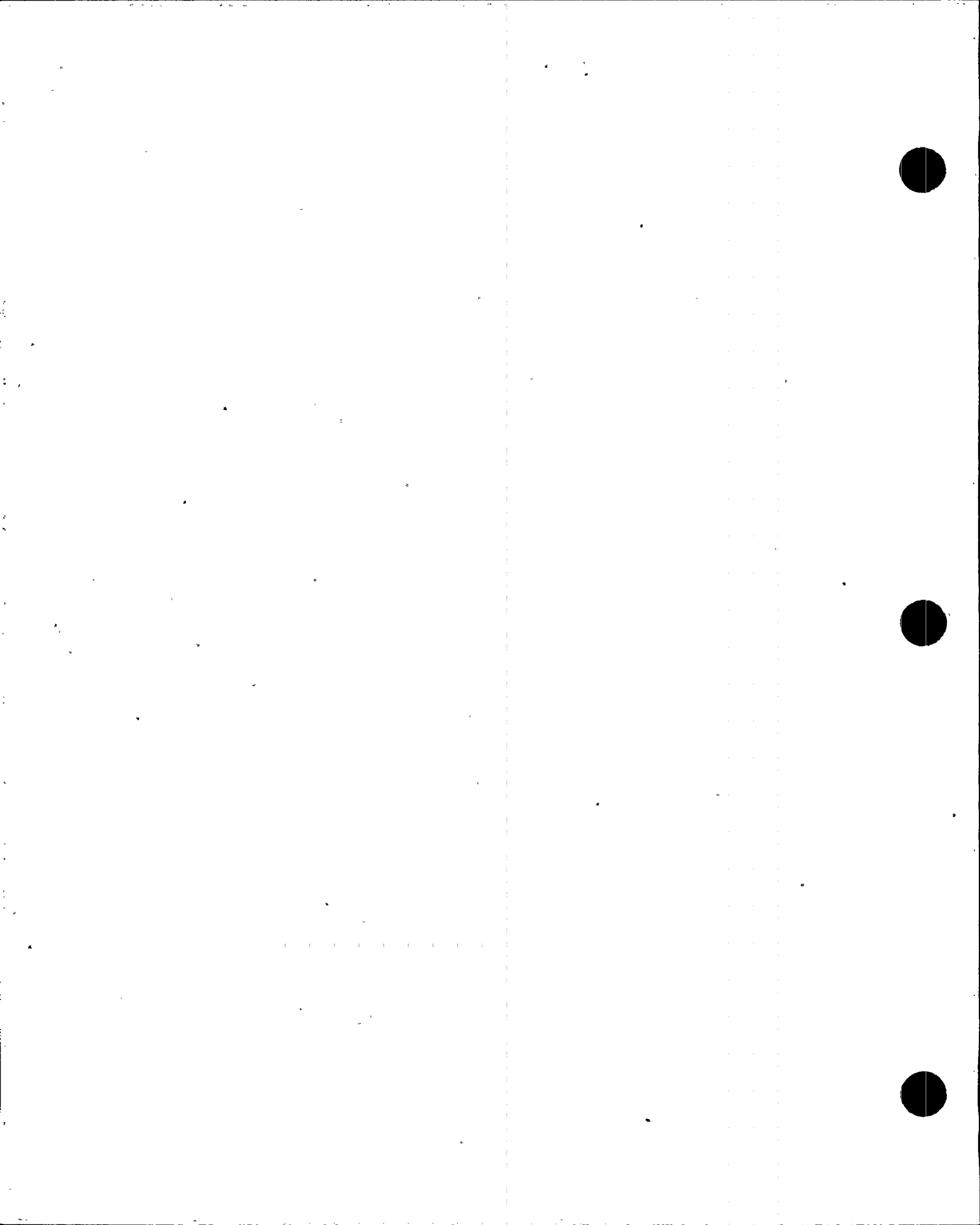
CUMULATIVE REPORT
12/93, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

STEAM GENERATOR : 31
MUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

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DATE: 12/28/93
TIME: 10:56:04

ROW	LIN	LEG	EXAM	EXTENT	EXP	CAL	PROBE	LOCATION	VOLTS	MIL	DEG	%	CH
145	114	C	TEC-TEH	TEC-TEH		00038	610MF	VS1- 0.67	0.69		0	<20	P 2
118	115	H	TSH-TSH	TSH-TSH		00037	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00038	610MF	BW1+ 2.16	0.80		0	<20	P 2
122	115	H	TSH-TSH	TSH-TSH		00037	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00038	610MF	VS1- 0.90	0.84		0	<20	P 2
117	116	C	TEC-TEH	TEC-TEH		00038	610MF	09H- 0.86	1.09		0	20	P 2
123	116	C	TEC-TEH	TEC-TEH		00037	610MF	BW1+ 2.25	0.44		0	<20	P 2
133	116	C	TEC-TEH	TEC-TEH		00038	610MF	BW1- 2.02	1.26		0	22	P 2
122	117	C	TEC-TEH	TEC-TEH		00038	610MF	VS1- 0.94	0.43		0	<20	P 2
132	117	C	TEC-TEH	TEC-TEH		00037	610MF	BW1+ 1.88	0.70		0	21	P 2
136	117	C	TEC-TEH	TEC-TEH		00037	610MF	BW1+ 1.47	0.82		0	24	P 2
138	117	C	TEC-TEH	TEC-TEH		00038	610MF	VS1- 0.60	0.70		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00038	610MF	VS3- 0.66	0.65		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00038	610MF	VS7- 0.60	0.75		0	<20	P 2
113	118	C	TEC-TEH	TEC-TEH		00038	610MF	VS2+ 0.84	0.81		0	<20	P 2
131	118	C	TEC-TEH	TEC-TEH		00038	610MF	BW1+ 1.86	0.41		0	<20	P 2
133	118	C	TEC-TEH	TEC-TEH		00037	610MF	BW1+ 2.06	1.18		0	21	P 2
141	118	H	BW1-VS1	BW1-VS1		00017	580BC					NDD	
		C	TEC-TEH	TEC-TEH		00037	610MF	VS5+ 0.88	0.85		0	24	P 2
149	118	H	BW1-VS1	BW1-VS1		00018	580BC	BW1- 5.22to- 1.01	0.75		0	PDP	11
		H	BW1-VS1	BW1-VS1		00018	580BC	BW1- 1.65to+ 3.52	0.93		0	BOW	7
		C	TEC-TEH	TEC-TEH		00037	610MF	VS5- 0.90	0.54		0	<20	P 2
151	118	C	TEC-TEH	TEC-TEH		00038	610MF	BW1+ 2.03	1.08		0	21	P 2
124	119	C	TEC-TEH	TEC-TEH		00059	610MF	09H+ 0.96	0.92		0	27	P 2
		C	TEC-TEH	TEC-TEH		00038	610MF	09H+ 1.02	0.43		0	BDA	P 1
148	119	H	BW1-VS1	BW1-VS1		00024	580BC					NDD	
		C	TEC-TEH	TEC-TEH		00038	610MF	VS1+ 0.84	0.74		0	<20	P 2
150	119	C	TEC-TEH	TEC-TEH		00037	610MF	VS7+ 1.06	1.79		0	28	P 2
117	120	H	TSH-TSH	TSH-TSH		00036	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00038	610MF	09H+ 0.00	0.40		0	<20	P 2
119	120	H	TSH-TSH	TSH-TSH		00035	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00037	610MF	BW1+ 1.33	0.54		0	<20	P 2
114	121	C	TEC-TEH	TEC-TEH		00038	610MF	BW1+ 1.96	0.71		0	<20	P 2
118	121	C	TEC-TEH	TEC-TEH		00038	610MF	09H- 0.85	0.25		0	<20	P 2
122	121	C	TEC-TEH	TEC-TEH		00038	610MF	VS1- 0.62	0.51		0	<20	P 2
117	122	C	BW2-VS6	BW2-VS6		00069	580BC					NDD	
		C	TEC-TEH	TEC-TEH		00038	610MF	09H- 1.38	1.09		0	20	P 2
		C	TEC-TEH	TEC-TEH		00038	610MF	VS6+ 2.83to+ 4.86	0.47		0	NQI	P 1
130	123	H	09H-BW1	09H-BW1		00049	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00038	610MF	09H+ 12.99	0.64		146	NQI	P 1
150	123	C	TEC-TEH	TEC-TEH		00038	610MF	VS7+ 0.90	0.56		0	<20	P 2
117	124	C	TEC-TEH	TEC-TEH		00038	610MF	09H+ 1.21	0.75		0	<20	P 2
121	124	C	TEC-TEH	TEC-TEH		00038	610MF	BW1+ 2.05	0.45		0	<20	P 2
143	124	C	TEC-TEH	TEC-TEH		00039	610MF	BW2+ 2.04	0.20		0	<20	P 2
147	124	C	TEC-TEH	TEC-TEH		00039	610MF	BW1+ 2.04	0.61		0	<20	P 2

MID CYCLE



CUMULATIVE REPORT
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STEAM GENERATOR : 31
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

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ROW	LIN	LEG	EXAM PROGRAM	EXTENT ACTUAL	EXP	CAL	PROBE	LOCATION	CURRENT VOLTS	MIL	DEG	%	CH
149	124	C	TEC-TEH	TEC-TEH		00040	610MF	BW1+ 2.11	0.56		0	<20	P 2
151	124	C	TEC-TEH	TEC-TEH		00039	610MF	BW1+ 1.79	0.21		0	<20	P 2
116	125	H	TSH-TSH	TSH-TSH		00036	610BC					NDD	
		H	09H-09H	09H-BW1		00064	600BC	09H- 0.60	1.41		0	29	P 2
		H	BW1-VS2	BW1-VS2		00060	580BC	09H+ 0.00				R3C	P 2
		C	TEC-TEH	TEC-TEH		00040	610MF	BW1+ 19.58	0.80		61	NQI	P 1
130	125	H	TSH-TSH	TSH-TSH		00036	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00039	610MF	BW1+ 0.03	0.30		118	NQI	P 1
		H	BW1-BW1	BW1-BW1		00060	580BC	BW1+ 0.09	0.43		0	<20	P 2
136	125	H	TSH-TSH	TSH-TSH		00035	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00040	610MF	09H+ 17.34	0.72		140	NQI	P 1
		H	09H-BW1	09H-BW1		00049	610BC	BW1- 4.21to+ 1.87	1.86		0	BOW	7
140	125	H	TSH-TSH	TSH-TSH		00035	610BC					NDD	
		H	09H-BW1	09H-BW1		00049	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00040	610MF	09H+ 20.08	0.48		42	NQI	P 1
		C	TEC-TEH	TEC-TEH		00040	610MF	09H+ 21.06	0.31		137	NQI	P 1
142	125	H	TSH-TSH	TSH-TSH		00036	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00039	610MF	BW1+ 1.85	0.48		0	<20	P 2
149	126	C	TEC-TEH	TEC-TEH		00039	610MF	09H- 0.13	0.93		0	25	P 2
149	126	C	TEC-TEH	TEC-TEH		00040	610MF	BW1+ 0.89	0.83		0	21	P 2
		C	TEC-TEH	TEC-TEH		00040	610MF	VS3- 0.67	0.42		0	<20	P 2
117	128	H	-	-		00000						TBP	
		C	TEC-TEH	TEC-TEH		00040	610MF	09H+ 0.12	2.69		0	40	P 2
		C	TEC-TEH	TEC-08H		00059	610MF	09H+ 0.12	2.88		0	PID	P 2
121	128	C	TEC-TEH	TEC-TEH		00040	610MF	09H- 0.79	1.07		0	25	P 2
141	128	C	TEC-TEH	TEC-TEH		00040	610MF	VS3- 0.64	0.77		0	20	P 2
		C	TEC-TEH	TEC-TEH		00040	610MF	VS5+ 1.12	2.11		0	37	P 2
		C	TEC-TEH	TEC-09H		00059	610MF	VS5+ 1.12	2.32		0	PID	P 2
149	128	H	BW1-VS1	BW1-VS1		00060	580BC					NDD	
		C	TEC-TEH	TEC-TEH		00039	610MF	BW1+ 3.00	0.69		39	NQI	P 1
110	129	C	TEC-TEH	TEC-TEH		00059	610MF	08H+ 0.93	0.43		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00059	610MF	BW1+ 1.76	0.88		0	26	P 2
		C	TEC-TEH	TEC-TEH		00040	610MF	BW1+ 1.79	1.92		0	BDA	P 2
120	129	C	TEC-TEH	TEC-TEH		00039	610MF	09H+ 0.19	0.41		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00039	610MF	09H+ 0.88	0.66		0	21	P 2
		C	TEC-TEH	TEC-TEH		00039	610MF	BW1+ 1.89	0.93		0	25	P 2
128	129	C	TEC-TEH	TEC-TEH		00039	610MF	BW2- 1.94	0.36		0	<20	P 2
146	129	H	-	-		00000						TBP	
		H	BW1-BW1	BW1-BW1		00060	580BC	BW1+ 0.09to+ 1.70	0.26		0	BOW	7
		C	TEC-TEH	TEC-TEH		00040	610MF	BW1+ 1.27	0.61		103	41	P 1
		H	BW1-BW1	BW1-BW1		00060	580BC	BW1+ 1.40	2.44		0	SVI	P 2
		H	BW1-BW1	BW1-BW1		00064	600BC	BW1+ 1.40	2.48		0	PID	P 2
119	130	H	TSH-TSH	TSH-TSH		00035	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00040	610MF	09H+ 1.14	1.85		0	34	P 2
21	130	H	TSH-TSH	TSH-TSH		00035	610BC					NDD	

MID CYCLE

CUMULATIVE REPORT
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STEAM GENERATOR : 31
OUTAGE DATA SET : CURRENT
ELECTION VARIABLES: Percent

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ROW	LIN	LEG	EXAM	EXTENT	EXP	CAL	PROBE	LOCATION	VOLTS	MIL	DEG	%	CH
121	130	C	TEC-TEH	TEC-TEH		00039	610MF	BW1+ 1.73	0.54		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00039	610MF	VS2- 0.92	0.33		0	<20	P 2
131	130	H	TSH-TSH	TSH-TSH		00035	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00040	610MF					NDD	
		H	BW1-VS1	BW1-VS1		00025	580BC	BW1- 1.68	0.64		0	<20	P 2
147	130	H	TSH-TSH	TSH-TSH		00035	610BC					NDD	
		H	BW1-BW1	BW1-BW1		00060	580BC					NDD	
		C	TEC-TEH	TEC-TEH		00039	610MF	BW1+ 1.11	0.90		101	NQI	5
140	131	C	TEC-TEH	TEC-TEH		00040	610MF	VS3- 0.67	1.13		0	26	P 2
		C	TEC-TEH	TEC-TEH		00040	610MF	VS5- 0.54	1.30		0	29	P 2
119	132	C	TEC-TEH	TEC-TEH		00040	610MF	09H+ 0.88	2.29		0	38	P 2
		C	TEC-TEH	TEC-07H		00059	610MF	09H+ 0.88	2.11		0	PID	P 2
121	132	C	TEC-TEH	TEC-TEH		00039	610MF	09H- 0.08	0.71		0	22	P 2
		C	TEC-TEH	TEC-TEH		00039	610MF	08C+ 36.89	28.96		175	DNT	P 1
129	132	H	BW1-VS1	BW1-VS1		00023	580BC					NDD	
		C	TEC-TEH	TEC-TEH		00039	610MF	VS1+ 0.75	0.28		0	<20	P 2
131	132	H	BW1-VS1	BW1-VS3		00023	580BC					NDD	
		C	TEC-TEH	TEC-TEH		00040	610MF	BW2- 1.85	0.42		0	<20	P 2
137	132	C	TEC-TEH	TEC-TEH		00039	610MF					NDD	
		H	BW1-VS1	BW1-VS1		00023	580BC	BW1+ 1.71	0.30		0	<20	P 2
92	133	C	TEC-TEH	TEC-TEH		00040	610MF	BW1+ 1.78	1.99		0	36	P 2
		C	TEC-TEH	TEC-TEH		00059	610MF	BW1+ 1.78	1.89		0	PID	P 2
104	133	C	TEC-TEH	TEC-TEH		00039	610MF	08H+ 0.58	0.56		0	<20	P 2
120	133	C	TEC-TEH	TEC-TEH		00039	610MF	BW1+ 1.56	0.55		0	<20	P 2
132	133	C	TEC-TEH	TEC-TEH		00039	610MF					NDD	
		H	BW1-VS1	BW1-VS1		00023	580BC	VS1- 0.59	0.30		0	<20	P 2
		H	BW1-VS1	BW1-VS1		00023	580BC	VS1+ 0.93	0.78		0	<20	P 2
136	133	C	TEC-TEH	TEC-TEH		00039	610MF					NDD	
		H	BW1-VS1	BW1-VS1		00023	580BC	BW1- 1.67	1.00		0	20	P 2
144	133	C	TEC-TEH	TEC-TEH		00039	610MF					NDD	
		C	TSC-01C	TSC-01C		00071	600BC	TSC+ 0.33	1.52		0	PLP	11
91	134	C	TEC-TEH	TEC-TEH		00040	610MF	BW1+ 2.00	1.73		0	33	P 2
95	134	C	TEC-TEH	TEC-TEH		00039	610MF	BW1- 2.24	1.13		0	29	P 2
		C	TEC-TEH	TEC-TEH		00039	610MF	BW1+ 1.82	1.82		0	36	P 2
		C	TEC-TEH	TEC-TEH		00059	610MF	BW1+ 1.82	1.33		0	PID	P 2
109	134	C	TEC-TEH	TEC-TEH		00039	610MF	VS2+ 0.97	0.54		0	<20	P 2
113	134	C	TEC-TEH	TEC-TEH		00039	610MF	VS2+ 0.94	0.27		0	<20	P 2
117	134	C	TEC-TEH	TEC-TEH		00039	610MF	09H+ 0.58	0.54		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00039	610MF	BW1- 1.69	0.33		0	<20	P 2
121	134	C	TEC-TEH	TEC-TEH		00039	610MF	BW1- 1.87	0.33		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00039	610MF	VS2+ 0.98	0.42		0	<20	P 2
129	134	H	BW1-VS1	BW1-VS1		00023	580BC	BW1- 5.54to+ 0.92	2.28		0	BOW	7
		C	TEC-TEH	TEC-TEH		00041	610MF	BW1- 1.67	0.58		0	<20	P 2
		H	BW1-VS1	BW1-VS1		00023	580BC	BW1- 1.52	0.98		0	20	P 2
131	134	C	TEC-TEH	TEC-TEH		00042	610MF					NDD	

MID CYCLE

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(STEAM GENERATOR : 31
OUTAGE DATA SET : CURRENT
LECTION VARIABLES: Percent

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ROW	LIN	LEG	EXAM	EXTENT	EXP	CAL	PROBE	LOCATION	VOLTS	MIL	DEG	%	CH
131	134	H	BW1-VS1	BW1-VS3		00023	580BC	BW1- 5.04to- 1.15	1.80		0	BOW	7
		H	BW1-VS1	BW1-VS3		00023	580BC	BW1- 2.00	0.68		0	<20	P 2
135	134	C	TEC-TEH	TEC-TEH		00041	610MF					NDD	
		H	BW1-VS1	BW1-VS1		00023	580BC	BW1- 5.60to+ 2.32	0.77		0	BOW	7
		H	BW1-VS1	BW1-VS1		00023	580BC	BW1+ 1.95	0.71		0	<20	P 2
		H	BW1-VS1	BW1-VS1		00023	580BC	VS1+ 0.02	0.49		0	<20	P 2
145	134	C	TSC-01C	TSC-01C		00068	610BC	TSC+ 0.73	1.56		0	PLP	11
		C	TEC-TEH	TEC-TEH		00041	610MF	TSC+ 0.66	2.80		0	PLP	8
88	135	H	TSH-TSH	TSH-TSH		00035	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00041	610MF	08H+ 0.88	1.43		0	33	P 2
94	135	H	TSH-TSH	TSH-TSH		00035	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00041	610MF	BW1+ 2.06	1.11		0	29	P 2
96	135	H	TSH-TSH	TSH-TSH		00035	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00041	610MF	BW1- 1.53	0.38		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00041	610MF	BW1+ 1.86	1.37		0	29	P 2
98	135	H	TSH-TSH	TSH-TSH		00035	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00041	610MF	BW1- 2.01	0.87		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00041	610MF	BW1+ 2.20	0.62		0	<20	P 2
102	135	H	TSH-TSH	TSH-TSH		00035	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00041	610MF	BW1- 1.95	0.65		0	<20	P 2
116	135	H	TSH-TSH	TSH-TSH		00035	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00041	610MF	BW1- 1.84	0.41		0	<20	P 2
118	135	H	TSH-TSH	TSH-TSH		00035	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00041	610MF	BW1- 1.98	0.28		0	<20	P 2
120	135	H	TSH-TSH	TSH-TSH		00035	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00041	610MF	09H+ 0.88	0.63		0	<20	P 2
122	135	H	TSH-TSH	TSH-TSH		00035	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00041	610MF	BW1- 1.64	0.29		0	<20	P 2
128	135	H	TSH-TSH	TSH-TSH		00035	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00041	610MF	VS1+ 0.87	0.43		0	<20	P 2
132	135	H	TSH-TSH	TSH-TSH		00035	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00041	610MF					NDD	
		H	BW1-VS1	BW1-VS3		00023	580BC	BW1- 1.81	0.92		0	20	P 2
136	135	H	TSH-TSH	TSH-TSH		00035	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00041	610MF					NDD	
		H	BW1-VS1	BW1-VS1		00023	580BC	VS1- 0.79	0.22		0	<20	P 2
138	135	H	TSH-TSH	TSH-TSH		00035	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00041	610MF					NDD	
		H	BW1-VS1	BW1-VS1		00023	580BC	BW1- 5.38to+ 2.27	1.58		0	BOW	7
		H	BW1-VS1	BW1-VS1		00061	580BC	BW1- 4.09to+ 1.97	2.45		0	BOW	7
		H	BW1-VS1	BW1-VS1		00023	580BC	VS1+ 0.97	0.55		0	<20	P 2
		H	BW1-VS1	BW1-VS1		00061	580BC	VS1+ 1.03	0.53		0	<20	P 2
140	135	H	TSH-TSH	TSH-TSH		00035	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00041	610MF	VS1- 0.70	0.31		0	<20	P 2
101	136	C	TEC-TEH	TEC-TEH		00041	610MF	BW1- 1.58	1.40		0	29	P 2

MID CYCLE

CUMULATIVE REPORT
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STEAM GENERATOR : 31
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

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ROW	LIN	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION	CURRENT				
			PROGRAM	ACTUAL					VOLTS	MIL	DEG	%	CH
105	136	C	TEC-TEH	TEC-TEH		00044	610MF	BW1+ 1.61	0.78		0	<20	P 2
		H	BW1-VS2	BW1-VS2		00060	580BC	BW1+ 1.83	0.91		0	21	P 2
		C	TEC-TEH	TEC-TEH		00044	610MF	BW1+ 10.09	0.31		138	NQI	1
107	136	C	TEC-TEH	TEC-TEH		00041	610MF	BW1+ 1.84	1.12		0	25	P 2
109	136	C	TEC-TEH	TEC-TEH		00044	610MF	BW1+ 1.56	0.86		0	20	P 2
117	136	C	TEC-TEH	TEC-TEH		00044	610MF	BW1- 1.57	0.77		0	<20	P 2
123	136	C	TEC-TEH	TEC-TEH		00041	610MF					BDA	
		C	TEC-TEH	TEC-TEH		00059	610MF	BW1+ 1.75	0.56		0	<20	P 2
129	136	C	TEC-TEH	TEC-TEH		00044	610MF					NDD	
		H	BW1-VS1	BW1-VS1		00022	580BC	BW1+ 1.84	0.55		0	<20	P 2
131	136	C	TEC-TEH	TEC-TEH		00041	610MF					NDD	
		H	BW1-VS1	BW1-VS1		00023	580BC	BW1- 1.79	0.68		0	<20	P 2
133	136	H	BW1-VS1	BW1-VS1		00022	580BC	BW1- 1.88	0.53		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00044	610MF	BW1- 1.59	0.39		0	<20	P 2
141	136	C	TEC-TEH	TEC-TEH		00044	610MF	BW1+ 1.73	0.61		0	<20	P 2
100	137	C	TEC-TEH	TEC-TEH		00044	610MF	BW1- 2.06	1.14		0	25	P 2
104	137	C	TEC-TEH	TEC-TEH		00044	610MF	BW1- 2.06	0.86		0	20	P 2
106	137	C	TEC-TEH	TEC-TEH		00041	610MF	BW1+ 1.41	0.77		0	<20	P 2
110	137	C	TEC-TEH	TEC-TEH		00041	610MF	BW1+ 1.64	0.49		0	<20	P 2
112	137	C	BW2-VS6	BW2-VS6		00069	580BC					NDD	
		C	TEC-TEH	TEC-TEH		00044	610MF	VS6+ 26.67	0.76		153	NQI	P 1
116	137	C	TEC-TEH	TEC-TEH		00044	610MF	09H- 0.09	1.25		0	27	P 2
128	137	C	TEC-TEH	TEC-TEH		00044	610MF	BW1+ 1.60	0.45		0	<20	P 2
134	137	H	BW1-VS1	BW1-VS1		00023	580BC					NDD	
		H	BW1-VS1	BW1-VS1		00020	580BC	BW1- 0.64to+ 3.54	0.94		0	BOW	7
		C	TEC-TEH	TEC-TEH		00041	610MF	BW1+ 1.84	0.38		0	<20	P 2
95	138	H	08H-VS2	08H-VS2		00001	580BC	08H- 0.85	0.50		0	<20	P 2
		H	08H-VS2	08H-VS2		00001	580BC	08H- 0.08	0.54		0	<20	P 2
		H	08H-VS2	08H-VS2		00001	580BC	08H+ 0.90	0.74		0	<20	P 2
		H	08H-VS2	08H-VS2		00001	580BC	BW1+ 1.19	0.92		0	24	P 2
		C	TEC-TEH	TEC-TEH		00001	610MF	BW1+ 1.70	0.77		0	20	P 2
99	138	C	TEC-TEH	TEC-TEH		00044	610MF	BW1+ 1.32	0.49		0	<20	P 2
101	138	C	TEC-TEH	TEC-TEH		00041	610MF	BW1- 1.61	0.55		0	<20	P 2
111	138	C	TEC-TEH	TEC-TEH		00044	610MF	VS2- 0.66	0.37		0	<20	P 2
117	138	C	TEC-TEH	TEC-TEH		00041	610MF	07H+ 0.96	0.37		0	<20	P 2
119	138	C	TEC-TEH	TEC-TEH		00044	610MF	BW1+ 1.91	0.49		0	<20	P 2
121	138	C	TEC-TEH	TEC-TEH		00041	610MF	BW1+ 1.69	0.52		0	<20	P 2
133	138	C	TEC-TEH	TEC-TEH		00041	610MF					NDD	
		H	BW1-VS1	BW1-VS1		00060	580BC	BW1+ 1.97	0.68		0	<20	P 2
135	138	H	BW1-VS1	BW1-VS1		00019	580BC	BW1- 4.21TO+ 2.21	0.78		0	BOW	7
		C	TEC-TEH	TEC-TEH		00059	610MF	BW1+ 1.81	0.60		0	20	P 2
		C	TEC-TEH	TEC-TSH		00044	610MF	BW1+ 1.86	0.93		0	22	P 2
98	139	C	TEC-TEH	TEC-TEH		00044	610MF	BW1- 2.49	0.97		0	22	P 2
		C	TEC-TEH	TEC-TEH		00044	610MF	BW1+ 2.09	0.74		0	<20	P 2
00	139	C	TEC-TEH	TEC-TEH		00041	610MF	BW1- 1.97	0.60		0	<20	P 2

MID CYCLE

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STEAM GENERATOR : 31
OUTAGE DATA SET : CURRENT
ELECTION VARIABLES: Percent

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ROW	LIN	LEG	EXAM	EXTENT	EXP	CAL	PROBE	LOCATION	VOLTS	CURRENT	MIL	DEG	%	CH
100	139	C	TEC-TEH	TEC-TEH		00041	610MF	BW1+ 1.80	0.38			0	<20	P 2
102	139	C	TEC-TEH	TEC-01H		00001	610MF	BW1- 2.10	0.56			0	<20	P 2
		H	08H-VS2	08H-VS2		00001	580BC	BW1- 1.98	0.57			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00044	610MF	BW1- 1.92	0.89			0	21	P 2
		H	08H-VS2	08H-VS2		00001	580BC	BW1+ 1.51	0.80			0	21	P 2
		C	TEC-TEH	TEC-01H		00001	610MF	BW1+ 1.61	0.65			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00044	610MF	BW1+ 2.01	0.96			0	22	P 2
106	139	C	TEC-TEH	TEC-TEH		00044	610MF	BW1- 2.21	0.38			0	<20	P 2
114	139	C	TEC-TEH	TEC-TEH		00044	610MF	BW1+ 1.78	0.77			0	<20	P 2
118	139	C	TEC-TEH	TEC-TEH		00044	610MF	BW1+ 1.42	0.69			0	<20	P 2
120	139	C	TEC-TEH	TEC-TEH		00041	610MF	BW1+ 1.85	0.60			0	<20	P 2
128	139	C	TEC-TEH	TEC-TEH		00041	610MF	BW1+ 1.99	0.53			0	<20	P 2
130	139	H	BW1-VS1	BW1-VS1		00021	580BC						BDA	
		C	TEC-TEH	TEC-TEH		00044	610MF						NDD	
		H	BW1-VS1	BW1-VS1		00020	580BC	BW1- 1.88	0.27			0	<20	P 2
138	139	H	BW1-VS1	BW1-VS1		00019	580BC						BDA	
		H	BW1-VS1	BW1-VS1		00021	580BC						NDD	
		C	TEC-TEH	TEC-TEH		00044	610MF	VS1- 0.84	0.61			0	<20	P 2
99	140	H	TSH-TSH	TSH-TSH		00034	600BC						NDD	
		C	TEC-TEH	TEC-TEH		00041	610MF	BW1+ 1.90	0.66			0	<20	P 2
101	140	H	TSH-TSH	TSH-TSH		00033	610BC						NDD	
		C	TEC-TEH	TEC-TEH		00044	610MF	BW1- 1.90	0.45			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00044	610MF	BW1+ 1.96	0.41			0	<20	P 2
107	140	H	TSH-TSH	TSH-TSH		00034	600BC						NDD	
		C	TEC-TEH	TEC-TEH		00041	610MF	06H- 0.95	0.41			0	<20	P 2
109	140	H	TSH-TSH	TSH-TSH		00033	610BC						NDD	
		C	TEC-TEH	TEC-TEH		00041	610MF	BW1- 1.90	0.30			0	<20	P 2
115	140	H	TSH-TSH	TSH-TSH		00033	610BC						NDD	
		C	TEC-TEH	TEC-TEH		00041	610MF	BW1- 1.84	0.35			0	<20	P 2
121	140	H	TSH-TSH	TSH-TSH		00033	610BC						NDD	
		C	TEC-TEH	TEC-TEH		00041	610MF	BW1+ 1.82	0.80			0	<20	P 2
133	140	H	TSH-TSH	TSH-TSH		00033	610BC						NDD	
		C	TEC-TEH	TEC-TEH		00041	610MF	BW1+ 2.00	0.44			0	<20	P 2
100	141	C	TEC-TEH	TEC-TEH		00044	610MF	BW1+ 2.02	0.63			0	<20	P 2
102	141	C	TEC-TEH	TEC-TEH		00041	610MF	BW1+ 1.90	0.40			0	<20	P 2
99	142	C	TEC-TEH	TEC-TEH		00044	610MF	BW1+ 1.62	0.49			0	<20	P 2
103	142	C	TEC-TEH	TEC-TEH		00044	610MF	BW1- 2.02	0.39			0	<20	P 2
119	142	C	TEC-TEH	TEC-TEH		00044	610MF	BW1+ 1.69	0.83			0	20	P 2
129	142	C	TEC-TEH	TEC-TEH		00041	610MF	09H+ 0.92	0.47			0	<20	P 2
131	142	C	TEC-TEH	TEC-TEH		00044	610MF	BW1+ 1.41	0.72			0	<20	P 2
135	142	C	TEC-TEH	TEC-TEH		00044	610MF	BW1+ 1.98	0.72			0	<20	P 2
137	142	C	TEC-TEH	TEC-TEH		00041	610MF	09H+ 0.90	0.37			0	<20	P 2
110	143	C	TEC-TEH	TEC-TEH		00044	610MF	BW1+ 1.88	0.56			0	<20	P 2
120	143	C	TEC-TEH	TEC-TEH		00041	610MF	BW1+ 1.86	0.63			0	<20	P 2
122	143	C	TEC-TEH	TEC-TEH		00044	610MF	BW1+ 1.66	1.02			0	23	P 2

MID CYCLE

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STEAM GENERATOR : 31
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ROW	LIN	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION	CURRENT				
			PROGRAM	ACTUAL					VOLTS	MIL	DEG	%	CH
95	144	C	TEC-TEH	TEC-TEH		00041	610MF	BW1- 2.01	0.72		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00041	610MF	BW1+ 1.63	1.08		0	<20	P 2
101	144	C	TEC-TEH	TEC-TEH		00044	610MF	BW1- 2.16	0.69		0	<20	P 2
103	144	C	TEC-TEH	TEC-TEH		00043	610MF	BW1- 1.77	0.37		0	<20	P 2
107	144	C	TEC-TEH	TEC-TEH		00043	610MF	08H- 0.75	0.82		0	28	P 2
111	144	C	TEC-TEH	TEC-TEH		00043	610MF	BW1- 1.87	0.45		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00043	610MF	BW1+ 1.79	0.78		0	27	P 2
121	144	C	TEC-TEH	TEC-TEH		00044	610MF	BW1+ 2.14	1.19		0	26	P 2
127	144	C	TEC-TEH	TEC-TEH		00043	610MF	09H+ 0.68	0.44		0	<20	P 2
92	145	H	TSH-TSH	TSH-TSH		00034	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00044	610MF	BW1+ 2.05	0.75		0	<20	P 2
96	145	H	TSH-TSH	TSH-TSH		00034	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00044	610MF	07H+ 28.30to+ 37.89	0.77		4	NQI	P 1
		H	07H-08H	07H-08H		00049	610BC	08H- 0.94	0.30		0	<20	P 2
110	145	H	TSH-TSH	TSH-TSH		00033	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00043	610MF	BW1+ 1.90	0.53		0	<20	P 2
114	145	H	TSH-TSH	TSH-TSH		00033	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00043	610MF	BW1+ 1.71	0.69		0	<20	P 2
120	145	H	TSH-TSH	TSH-TSH		00034	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00044	610MF	BW1+ 1.81	1.02		0	23	P 2
122	145	H	TSH-TSH	TSH-TSH		00033	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00043	610MF	BW1+ 1.84	0.48		0	20	P 2
124	145	H	TSH-TSH	TSH-TSH		00034	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00044	610MF	09H+ 0.71	0.55		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00044	610MF	BW2- 1.79	0.42		0	<20	P 2
130	145	H	TSH-TSH	TSH-TSH		00033	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00043	610MF	VS1+ 0.71	0.53		0	<20	P 2
93	146	C	TEC-TEH	TEC-TEH		00043	610MF	BW1+ 1.74	0.36		0	<20	P 2
95	146	C	TEC-TEH	TEC-TEH		00043	610MF	BW1- 1.90	0.39		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00043	610MF	BW1+ 1.60	0.40		0	<20	P 2
103	146	C	TEC-TEH	TEC-TEH		00044	610MF	BW1+ 1.71	0.60		0	<20	P 2
107	146	C	TEC-TEH	TEC-TEH		00044	610MF	BW1+ 1.66	0.93		0	22	P 2
121	146	C	TEC-TEH	TEC-TEH		00043	610MF	BW1- 2.18	0.79		0	<20	P 2
129	146	C	TEC-TEH	TEC-TEH		00043	610MF	09H+ 0.84	0.44		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00043	610MF	BW1+ 1.76	1.00		0	<20	P 2
104	147	C	BW2-VS6	BW2-VS6		00069	580BC					NDD	
		C	TEC-TEH	TEC-TEH		00043	610MF	BW1+ 1.68	0.53		0	21	P 2
		C	TEC-TEH	TEC-TEH		00043	610MF	VS2- 0.79	0.75		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00043	610MF	VS6+ 24.81	0.95		136	NQI	P 1
120	147	C	TEC-TEH	TEC-TEH		00043	610MF	09H+ 0.90	0.76		0	<20	P 2
124	147	C	TEC-TEH	TEC-TEH		00043	610MF	09H+ 0.11	0.47		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00043	610MF	VS7+ 2.45	33.09		171	DNT	P 1
		C	TEC-TEH	TEC-TEH		00043	610MF	08C+ 39.34	20.35		177	DNT	P 1
128	147	C	TEC-TEH	TEC-TEH		00043	610MF	09H+ 0.81	0.68		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00043	610MF	BW1+ 10.37	31.15		172	DNT	P 1

MID CYCLE

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ROW	LIN	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION	CURRENT				
			PROGRAM	ACTUAL					VOLTS	MIL	DEG	%	CH
128	147	C	TEC-TEH	TEC-TEH		00043	610MF	BW1+ 10.98	39.08		171	DNT	P 1
130	147	C	TEC-TEH	TEC-TEH		00045	610MF	09H+ 0.79	1.10		0	21	P 2
91	148	C	TEC-TEH	TEC-TEH		00043	610MF	BW1+ 1.94	0.40		0	<20	P 2
97	148	C	TEC-TEH	TEC-TEH		00045	610MF	BW1- 2.27	0.57		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00045	610MF	VS6- 0.97	0.51		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00045	610MF	BW2- 1.67	0.39		0	<20	P 2
101	148	C	TEC-TEH	TEC-TEH		00045	610MF	08H- 0.18	0.79		0	24	P 2
121	148	C	TEC-TEH	TEC-TEH		00045	610MF	09H+ 0.58	0.77		0	24	P 2
2	149	H	TSH-TSH	TSH-TSH		00064	600BC	TSH+ 0.24	1.67		0	PLP	11
4	149	H	TSH-TSH	TSH-TSH		00064	600BC	TSH+ 1.50	0.80		0	PLP	11
96	149	C	TEC-TEH	TEC-TEH		00045	610MF	BW2- 1.52	0.46		0	<20	P 2
112	149	C	TEC-TEH	TEC-TEH		00045	610MF	BW1+ 1.60	0.76		0	23	P 2
116	149	C	TEC-TEH	TEC-TEH		00045	610MF	09H+ 0.26	2.82		0	38	P 2
		C	TEC-TEH	TEC-TEH		00059	610MF	09H+ 0.26	2.01		0	PID	P 2
120	149	C	TEC-TEH	TEC-TEH		00045	610MF	BW1+ 1.67	0.53		0	<20	P 2
126	149	C	TEC-TEH	TEC-TEH		00045	610MF	09H+ 0.74	0.77		0	24	P 2
3	150	H	TSH-01H	TSH-01H		00065	600BC	TSH+ 0.18	1.30		0	PLP	11
		H	TSH-01H	TSH-TSH		00030	600BC	TSH+ 0.19	1.34		0	PLP	11
		H	TSH-01H	TSH-01H		00065	600BC	TSH+ 1.02	1.34		0	PLP	11
		H	TSH-01H	TSH-TSH		00030	600BC	TSH+ 1.07	1.14		0	PLP	11
59	150	H	TSH-TSH	TSH-TSH		00030	600BC					NDD	
		C	TSC-01C	TSC-01C		00068	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00043	610MF	VS3- 0.68	58.34		168	DNT	P 1
		C	TEC-TEH	TEC-TEH		00043	610MF	TSC+ 14.65	0.71		72	NQI	1
		C	TEC-TEH	TEC-TEH		00043	610MF	TSC+ 13.48	0.94		108	NQI	1
		C	TEC-TEH	TEC-TEH		00043	610MF	TSC+ 12.39	1.02		126	NQI	1
		C	TEC-TEH	TEC-TEH		00043	610MF	TSC+ 11.16	1.05		125	NQI	1
		C	TEC-TEH	TEC-TEH		00043	610MF	TSC+ 9.09	0.49		122	NQI	1
73	150	H	TSH-TSH	TSH-TSH		00032	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00045	610MF	07H+ 0.85	0.86		0	26	P 2
75	150	H	TSH-TSH	TSH-TSH		00030	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00043	610MF	08H- 0.14	0.48		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00043	610MF	BW1- 1.75	0.64		0	<20	P 2
81	150	H	TSH-TSH	TSH-TSH		00032	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00045	610MF	BW1+ 2.01	0.44		0	<20	P 2
85	150	H	TSH-TSH	TSH-TSH		00032	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00045	610MF	BW1+ 1.75	0.58		0	<20	P 2
93	150	H	TSH-TSH	TSH-TSH		00032	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00045	610MF	BW1+ 2.22	0.40		0	<20	P 2
109	150	H	TSH-TSH	TSH-TSH		00032	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00045	610MF	BW1+ 1.72	0.26		0	<20	P 2
111	150	H	TSH-TSH	TSH-TSH		00030	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00043	610MF	BW1+ 1.74	0.51		0	<20	P 2
117	150	H	TSH-TSH	TSH-TSH		00032	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00045	610MF	09H+ 1.28	1.67		0	36	P 2

MID CYCLE

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STEAM GENERATOR : 31
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ELECTION VARIABLES: Percent

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ROW	LIN	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION	CURRENT				
			PROGRAM	ACTUAL					VOLTS	MIL	DEG	%	CH
117	150	C	TEC-TEH	TEC-TEH		00059	610MF	09H+ 1.28	1.60		0	PID	P 2
121	150	H	TSH-TSH	TSH-TSH		00032	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00045	610MF	09H+ 0.91	0.78		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00045	610MF	BW1- 1.76	0.46		0	<20	P 2
125	150	H	TSH-TSH	TSH-TSH		00032	610BC					NDD	
		H	BW1-BW1	BW1-BW1		00060	580BC	BW1- 1.63	0.77		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00045	610MF	BW1+ 1.29	0.36	113		NQI	P 1
		H	BW1-BW1	BW1-BW1		00060	580BC	BW1+ 1.53	1.02		0	23	P 2
66	151	C	TEC-TEH	TEC-TEH		00043	610MF	08H- 1.60	0.84		0	27	P 2
74	151	C	TEC-TEH	TEC-TEH		00043	610MF	BW1+ 1.99	0.40		0	<20	P 2
76	151	C	TEC-TEH	TEC-TEH		00045	610MF	BW1- 1.73	0.30		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00045	610MF	BW1+ 2.17	0.72		0	23	P 2
78	151	C	TEC-TEH	TEC-TEH		00043	610MF	BW1- 1.97	0.48		0	<20	P 2
80	151	C	TEC-TEH	TEC-TEH		00045	610MF	BW1+ 1.78	0.46		0	<20	P 2
84	151	C	TEC-TEH	TEC-TEH		00045	610MF	BW1- 1.81	0.95		0	27	P 2
		C	TEC-TEH	TEC-TEH		00045	610MF	BW1+ 2.16	0.79		0	24	P 2
108	151	C	TEC-TEH	TEC-TEH		00045	610MF	BW1+ 1.87	0.58		0	<20	P 2
118	151	C	TEC-TEH	TEC-TEH		00043	610MF	09H+ 0.03	1.42		0	32	P 2
124	151	C	TEC-TEH	TEC-TEH		00045	610MF	BW1+ 1.44	0.37		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00045	610MF	VS7+ 1.19	13.56	178		DNT	P 1
55	152	C	TEC-TEH	TEC-TEH		00045	610MF	BW1+ 2.04	0.32		0	<20	P 2
59	152	C	TEC-TEH	TEC-TEH		00045	610MF	BW2- 1.61	0.32		0	<20	P 2
79	152	C	TEC-TEH	TEC-TEH		00045	610MF	BW1+ 2.08	0.42		0	<20	P 2
83	152	C	TEC-TEH	TEC-TEH		00045	610MF	BW1+ 1.72	0.44		0	<20	P 2
87	152	C	TEC-TEH	TEC-TEH		00045	610MF	08H+ 0.73	0.58		0	<20	P 2
91	152	C	TEC-TEH	TEC-TEH		00045	610MF	BW1+ 2.04	0.97		0	28	P 2
93	152	C	TEC-TEH	TEC-TEH		00043	610MF	08H- 0.77	0.42		0	<20	P 2
107	152	C	TEC-TEH	TEC-TEH		00045	610MF	BW1+ 1.98	0.35		0	<20	P 2
111	152	C	TEC-TEH	TEC-TEH		00045	610MF	BW1- 1.85	0.83		0	25	P 2
117	152	C	TEC-TEH	TEC-TEH		00043	610MF	09H+ 0.93	1.54		0	34	P 2
121	152	H	BW1-VS2	BW1-VS2		00060	580BC					NDD	
		C	TEC-TEH	TEC-TEH		00043	610MF	BW1+ 7.78	3.12	165		NQI	P 1
		C	TEC-TEH	TEC-TEH		00043	610MF	VS6+ 25.39	22.49	173		DNT	P 1
123	152	C	TEC-TEH	TEC-TEH		00045	610MF	09H+ 0.91	0.18		0	<20	P 2
68	153	C	TEC-TEH	TEC-TEH		00045	610MF	08H+ 0.89	0.49		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00045	610MF	BW1- 1.83	0.39	0		<20	P 2
76	153	C	TEC-TEH	TEC-TEH		00045	610MF	BW1+ 1.21	0.49		0	<20	P 2
80	153	C	TEC-TEH	TEC-TEH		00045	610MF	BW1- 1.69	0.60		0	20	P 2
82	153	C	TEC-TEH	TEC-TEH		00043	610MF	08H+ 0.85	0.25		0	<20	P 2
86	153	C	TEC-TEH	TEC-TEH		00043	610MF	08H+ 0.93	0.63		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00043	610MF	BW1+ 1.79	0.48		0	<20	P 2
90	153	C	TEC-TEH	TEC-TEH		00045	610MF	BW1+ 1.77	0.40		0	<20	P 2
96	153	C	TEC-TEH	TEC-TEH		00045	610MF	VS2- 0.69	0.49		0	<20	P 1
104	153	C	TEC-TEH	TEC-TEH		00045	610MF	BW1+ 1.83	0.35		0	<20	P 2
106	153	C	TEC-TEH	TEC-TEH		00046	610MF	BW1- 1.90	0.59		0	<20	P 2

MID CYCLE

CUMULATIVE REPORT
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STEAM GENERATOR : 31
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ROW	LIN	LEG	EXAM	EXTENT	EXP	CAL	PROBE	LOCATION	VOLTS	MIL	DEG	%	CH
120	153	C	TEC-TEH	TEC-TEH		00045	610MF	BW1- 1.95	0.34		0	<20	P 2
67	154	C	TEC-TEH	TEC-TEH		00046	610MF	08H- 0.08	0.76		0	23	P 2
		C	TEC-TEH	TEC-TEH		00046	610MF	08H+ 0.95	0.45		0	<20	P 2
73	154	C	TEC-TEH	TEC-TEH		00045	610MF	08H- 1.01	0.57		0	<20	P 2
81	154	C	TEC-TEH	TEC-TEH		00045	610MF	BW1+ 2.05	0.74		0	23	P 2
83	154	C	TEC-TEH	TEC-TEH		00046	610MF	BW1- 2.08	0.47		0	<20	P 2
85	154	C	TEC-TEH	TEC-TEH		00045	610MF					BDA	
		H	01H-02H	01H-02H		00066	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00058	610MF	01H+ 0.32	0.43		150	DSI	P 1
		C	TEC-TEH	TEC-TEH		00058	610MF	BW1- 1.74	0.34		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00058	610MF	BW1+ 1.98	0.54		0	<20	P 2
97	154	C	TEC-TEH	TEC-TEH		00045	610MF	VS2- 0.70	0.78		0	<20	P 2
99	154	C	TEC-TEH	TEC-TEH		00046	610MF	BW1+ 1.91	0.46		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00046	610MF	VS2+ 0.65	0.48		0	<20	P 2
105	154	C	TEC-TEH	TEC-TEH		00045	610MF	BW1+ 1.60	0.30		0	<20	P 2
113	154	C	TEC-TEH	TEC-TEH		00045	610MF	BW1+ 2.13	0.95		0	27	P 2
119	154	C	TEC-TEH	TEC-TEH		00046	610MF	BW1+ 1.83	0.56		0	<20	P 2
123	154	C	TEC-TEH	TEC-TEH		00046	610MF	04C+ 0.77	0.74		0	22	P 2
		C	TEC-TEH	TEC-TEH		00046	610MF	03C+ 0.90	0.47		0	<20	P 2
60	155	H	TSH-TSH	TSH-TSH		00032	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00046	610MF	BW1+ 1.72	0.30		0	<20	P 2
76	155	H	TSH-TSH	TSH-TSH		00030	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00047	610MF	BW1+ 2.16	0.25		0	<20	P 2
78	155	H	TSH-TSH	TSH-TSH		00032	610BC					NDD	
		C	01C-01C	01C-01C		00068	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00046	610MF	01C- 0.71	1.02		65	DSI	P 1
82	155	H	TSH-TSH	TSH-TSH		00032	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00046	610MF	BW1- 1.75	0.30		0	<20	P 2
84	155	H	TSH-TSH	TSH-TSH		00030	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00047	610MF	BW1+ 1.90	0.55		0	<20	P 2
112	155	H	TSH-TSH	TSH-TSH		00032	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00047	610MF	BW1+ 1.56	0.95		0	25	P 2
116	155	H	TSH-TSH	TSH-TSH		00032	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00047	610MF	BW1- 1.90	0.65		0	20	P 2
118	155	H	TSH-TSH	TSH-TSH		00030	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00046	610MF	BW1+ 2.21	0.70		0	22	P 2
55	156	C	TEC-TEH	TEC-TEH		00047	610MF	VS3+ 0.56	0.52		0	<20	P 2
57	156	C	TEC-TEH	TEC-TEH		00046	610MF	BW2- 1.71	0.49		0	<20	P 2
67	156	C	TEC-TEH	TEC-TEH		00047	610MF	08H+ 0.85	0.76		0	22	P 2
69	156	C	TEC-TEH	TEC-TEH		00046	610MF	08H+ 0.92	0.78		0	23	P 2
79	156	C	TEC-TEH	TEC-TEH		00047	610MF	BW1+ 1.91	0.40		0	<20	P 2
81	156	C	TEC-TEH	TEC-TEH		00046	610MF	BW1- 2.19	0.83		0	24	P 2
		C	TEC-TEH	TEC-TEH		00046	610MF	BW1+ 1.84	0.79		0	23	P 2
83	156	C	TEC-TEH	TEC-TEH		00047	610MF	BW1- 2.12	0.18		0	<20	P 2
87	156	C	TEC-TEH	TEC-TEH		00047	610MF	VS3- 0.90	0.65		0	20	P 2

MID CYCLE

CUMULATIVE REPORT
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(STEAM GENERATOR : 31
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

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ROW	LIN	LEG	EXAM PROGRAM	EXTENT ACTUAL	EXP	CAL	PROBE	LOCATION	VOLTS	CURRENT MIL	DEG	%	CH
91	156	C	TEC-TEH	TEC-TEH		00047	610MF	BW1+ 1.95	0.38		0	<20	P 2
93	156	C	TEC-TEH	TEC-TEH		00046	610MF	08H- 0.14	1.02		0	28	P 2
		C	TEC-TEH	TEC-TEH		00046	610MF	BW1- 1.75	0.84		0	25	P 2
		C	TEC-TEH	TEC-TEH		00046	610MF	BW1+ 1.99	0.64		0	20	P 2
		C	TEC-TEH	TEC-TEH		00046	610MF	BW2- 1.64	0.41		0	<20	P 2
95	156	C	TEC-TEH	TEC-TEH		00047	610MF	BW1- 2.04	0.25		0	<20	P 2
97	156	C	TEC-TEH	TEC-TEH		00058	610MF					BDA	
		C	TEC-TEH	TEC-TEH		00064	610MF	08H- 0.21	0.43		0	<20	P 2
99	156	C	TEC-TEH	TEC-TEH		00047	610MF	BW1+ 1.46	0.35		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00047	610MF	VS2- 1.02	0.47		0	<20	P 2
107	156	C	TEC-TEH	TEC-TEH		00047	610MF	BW1+ 1.90	0.32		0	<20	P 2
117	156	C	TEC-TEH	TEC-TEH		00046	610MF	06H- 1.02	0.49		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00046	610MF	BW2+ 1.82	0.30		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00046	610MF	04C+ 0.43	25.11		174	DNT	P 1
121	156	C	TEC-TEH	TEC-TEH		00046	610MF	BW1+ 1.53	0.49		0	<20	P 2
66	157	C	TEC-TEH	TEC-TEH		00046	610MF	08H- 1.79	1.50		0	34	P 2
68	157	C	TEC-TEH	TEC-TEH		00047	610MF	VS3+ 1.00	0.48		0	<20	P 2
72	157	C	TEC-TEH	TEC-TEH		00047	610MF	08H+ 0.52	0.69		0	21	P 2
74	157	C	TEC-TEH	TEC-TEH		00046	610MF	VS3- 0.95	0.64		0	20	P 2
		C	TEC-TEH	TEC-TEH		00046	610MF	VS5- 0.73	0.62		0	20	P 2
78	157	C	TEC-TEH	TEC-TEH		00046	610MF	BW1+ 1.77	0.73		0	22	P 2
80	157	C	TEC-TEH	TEC-TEH		00047	610MF	BW1+ 1.79	0.30		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00047	610MF	BW2+ 1.72	0.25		0	<20	P 2
82	157	C	TEC-TEH	TEC-TEH		00046	610MF	BW1- 1.71	0.41		0	<20	P 2
86	157	C	TEC-TEH	TEC-TEH		00046	610MF	BW1- 1.98	0.43		0	<20	P 2
106	157	C	TEC-TEH	TEC-TEH		00046	610MF	BW1+ 1.84	0.51		0	<20	P 2
116	157	C	TEC-TEH	TEC-TEH		00047	610MF	VS2- 0.96	0.30		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00047	610MF	VS5+ 0.68	0.41		0	<20	P 2
118	157	C	TEC-TEH	TEC-TEH		00046	610MF	BW1+ 1.78	0.96		0	27	P 2
61	158	C	TEC-TEH	TEC-TEH		00049	610MF	VS5- 1.04	0.39		0	<20	P 2
63	158	C	TEC-TEH	TEC-TEH		00048	610MF	BW2- 1.25	0.31		0	<20	P 2
65	158	C	TEC-TEH	TEC-TEH		00049	610MF	VS3- 1.20	6.29		175	INR	P 1
		C	TEC-TEH	TEC-TEH		00049	610MF	VS5- 0.83	0.50		0	<20	P 2
73	158	C	TEC-TEH	TEC-TEH		00049	610MF	BW1+ 2.29	1.02		0	28	P 2
79	158	C	TEC-TEH	TEC-TEH		00047	610MF	BW2+ 1.27	0.46		0	<20	P 2
81	158	C	TEC-TEH	TEC-TEH		00046	610MF	BW1+ 2.00	0.24		0	<20	P 2
83	158	C	TEC-TEH	TEC-TEH		00047	610MF	BW1+ 2.26	0.25		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00047	610MF	VS5+ 16.47	12.73		166	INR	P 1
		C	TEC-TEH	TEC-TEH		00047	610MF	VS5+ 17.71	8.43		167	INR	P 1
		C	TEC-TEH	TEC-TEH		00047	610MF	VS5+ 18.70	11.38		167	INR	P 1
		C	TEC-TEH	TEC-TEH		00047	610MF	VS5+ 19.90	8.52		167	INR	P 1
		C	TEC-TEH	TEC-TEH		00047	610MF	VS5+ 21.33	8.83		168	INR	P 1
		C	TEC-TEH	TEC-TEH		00047	610MF	VS5+ 22.47	11.96		166	INR	P 1
		C	TEC-TEH	TEC-TEH		00047	610MF	VS5+ 23.67	11.71		167	INR	P 1
		C	TEC-TEH	TEC-TEH		00047	610MF	VS5+ 24.57	9.84		168	INR	P 1

MID CYCLE

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(STEAM GENERATOR : 31
OUTAGE DATA SET : CURRENT
COLLECTION VARIABLES: Percent

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ROW	LIN	LEG	EXAM	EXTENT	ACTUAL	EXP	CAL	PROBE	LOCATION	VOLTS	MIL	DEG	%	CH
83	158	C	TEC-TEH	TEC-TEH			00047	610MF	08C+ 38.05	12.48		170	INR	P 1
		C	TEC-TEH	TEC-TEH			00047	610MF	08C+ 36.81	8.27		173	INR	P 1
		C	TEC-TEH	TEC-TEH			00047	610MF	08C+ 35.70	11.17		173	INR	P 1
		C	TEC-TEH	TEC-TEH			00047	610MF	08C+ 34.58	8.35		172	INR	P 1
		C	TEC-TEH	TEC-TEH			00047	610MF	08C+ 33.22	8.66		173	INR	P 1
		C	TEC-TEH	TEC-TEH			00047	610MF	08C+ 31.99	11.72		172	INR	P 1
		C	TEC-TEH	TEC-TEH			00047	610MF	08C+ 30.75	11.47		173	INR	P 1
		C	TEC-TEH	TEC-TEH			00047	610MF	08C+ 29.79	9.64		174	INR	P 1
85	158	C	TEC-TEH	TEC-TEH			00046	610MF	BW1- 1.28	0.38		0	<20	P 2
91	158	C	TEC-TEH	TEC-TEH			00047	610MF	BW1+ 1.99	0.66		0	20	P 2
113	158	C	TEC-TEH	TEC-TEH			00046	610MF	BW1+ 1.94	0.86		0	25	P 2
68	159	C	TEC-TEH	TEC-TEH			00049	610MF	08H+ 0.94	0.41		0	<20	P 2
		C	TEC-TEH	TEC-TEH			00049	610MF	BW2+ 1.71	0.65		0	21	P 2
72	159	C	TEC-TEH	TEC-TEH			00049	610MF	BW1+ 2.07	0.21		0	<20	P 2
		C	TEC-TEH	TEC-TEH			00049	610MF	VS3- 0.96	0.89		0	26	P 2
		C	TEC-TEH	TEC-TEH			00049	610MF	BW2+ 1.45	0.32		0	<20	P 2
80	159	C	TEC-TEH	TEC-TEH			00049	610MF	BW1+ 1.84	0.50		0	<20	P 2
		C	TEC-TEH	TEC-TEH			00049	610MF	VS5+ 0.86	0.25		0	<20	P 2
84	159	C	TEC-TEH	TEC-TEH			00049	610MF	BW1+ 1.85	0.88		0	26	P 2
		C	TEC-TEH	TEC-TEH			00049	610MF	BW2+ 1.23	0.45		0	<20	P 2
96	159	C	TEC-TEH	TEC-TEH			00049	610MF	08H+ 0.95	0.96		0	27	P 2
		C	TEC-TEH	TEC-TEH			00049	610MF	BW1+ 1.94	0.36		0	<20	P 2
		C	TEC-TEH	TEC-TEH			00049	610MF	VS2- 0.52	0.37		0	<20	P 2
100	159	C	TEC-TEH	TEC-TEH			00049	610MF	BW1+ 1.88	0.36		0	<20	P 2
102	159	C	TEC-TEH	TEC-TEH			00048	610MF	BW1+ 1.68	0.53		0	<20	P 2
		C	TEC-TEH	TEC-TEH			00048	610MF	BW2+ 1.92	0.35		0	<20	P 2
104	159	C	TEC-TEH	TEC-TEH			00049	610MF	08H+ 1.04	0.76		0	23	P 2
114	159	C	TEC-TEH	TEC-TEH			00048	610MF	BW1+ 2.01	0.48		0	<20	P 2
67	160	H	TSH-TSH	TSH-TSH			00030	600BC					NDD	
		C	TEC-TEH	TEC-TEH			00049	610MF	08H+ 0.21	0.42		0	<20	P 2
79	160	H	TSH-TSH	TSH-TSH			00030	600BC					NDD	
		C	TEC-TEH	TEC-TEH			00049	610MF	BW1+ 2.06	0.41		0	<20	P 2
81	160	H	TSH-TSH	TSH-TSH			00032	610BC					NDD	
		C	TEC-TEH	TEC-TEH			00048	610MF	BW1+ 2.00	0.68		0	<20	P 2
97	160	H	TSH-TSH	TSH-TSH			00032	610BC					NDD	
		C	TEC-TEH	TEC-TEH			00048	610MF	VS2+ 0.71	0.58		0	<20	P 2
101	160	H	TSH-TSH	TSH-TSH			00032	610BC					NDD	
		C	TEC-TEH	TEC-TEH			00048	610MF	08H+ 0.94	0.78		0	23	P 2
113	160	H	TSH-TSH	TSH-TSH			00030	600BC					NDD	
		C	TEC-TEH	TEC-TEH			00048	610MF	BW1+ 1.92	0.60		0	<20	P 2
66	161	C	TEC-TEH	TEC-TEH			00048	610MF	BW2+ 1.56	0.51		0	<20	P 2
70	161	C	TEC-TEH	TEC-TEH			00048	610MF	08H+ 0.84	0.76		0	21	P 2
72	161	C	TEC-TEH	TEC-TEH			00049	610MF	08H- 0.03	0.97		0	27	P 2
80	161	C	TEC-TEH	TEC-TEH			00049	610MF	08H- 0.15	0.79		0	24	P 2
		C	TEC-TEH	TEC-TEH			00049	610MF	BW1- 1.85	0.45		0	<20	P 2

MID CYCLE

CUMULATIVE REPORT
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STEAM GENERATOR : 31
OUTAGE DATA SET : CURRENT
ELECTION VARIABLES: Percent

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ROW	LIN	LEG	EXAM PROGRAM	EXTENT ACTUAL	EXP	CAL	PROBE	LOCATION	VOLTS	MIL	DEG	%	CH
80	161	C	TEC-TEH	TEC-TEH		00049	610MF	BW1+ 1.98	0.32		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00049	610MF	BW2+ 1.14	0.24		0	<20	P 2
92	161	C	TEC-TEH	TEC-TEH		00049	610MF	VS2- 0.62	0.44		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00049	610MF	VS3+ 1.90	8.68	181	INR		P 1
104	161	C	TEC-TEH	TEC-TEH		00049	610MF	BW1+ 1.88	0.23		0	<20	P 2
110	161	C	TEC-TEH	TEC-TEH		00048	610MF	BW1- 1.94	0.56		0	<20	P 2
112	161	C	TEC-TEH	TEC-TEH		00048	610MF	BW1+ 2.10	0.60		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00048	610MF	BW2+ 1.31	0.56		0	<20	P 2
59	162	C	TEC-TEH	TEC-TEH		00050	610MF	VS3+ 0.79	0.17		0	<20	P 2
77	162	C	TEC-TEH	TEC-TEH		00058	610MF	BW1- 1.95	0.32		0	<20	P 2
79	162	C	TEC-TEH	TEC-TEH		00050	610MF	BW1+ 2.11	0.47		0	<20	P 2
81	162	C	TEC-TEH	TEC-TEH		00058	610MF	BW1+ 1.93	0.39		0	<20	P 2
83	162	C	TEC-TEH	TEC-TEH		00050	610MF	08H+ 0.96	0.59		0	<20	P 2
89	162	C	TEC-TEH	TEC-TEH		00058	610MF	07H+ 0.94	1.15		0	27	P 2
93	162	C	TEC-TEH	TEC-TEH		00058	610MF	07H+ 0.95	1.43		0	29	P 2
97	162	C	TEC-TEH	TEC-TEH		00058	610MF	07H+ 1.00	0.91		0	23	P 2
99	162	C	TEC-TEH	TEC-TEH		00050	610MF	08H- 0.28	0.74		0	23	P 2
66	163	C	TEC-TEH	TEC-TEH		00050	610MF	BW1+ 1.96	0.59		0	<20	P 2
72	163	C	TEC-TEH	TEC-TEH		00058	610MF	VS3- 0.84	0.44		0	<20	P 2
74	163	C	TEC-TEH	TEC-TEH		00058	610MF	08H- 0.30	0.70		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00058	610MF	08H+ 0.86	0.43		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00058	610MF	BW1+ 1.87	0.43		0	<20	P 2
80	163	C	TEC-TEH	TEC-TEH		00050	610MF	08H+ 0.86	0.62		0	22	P 2
82	163	C	TEC-TEH	TEC-TEH		00058	610MF	08H- 0.44	0.78		0	<20	P 2
84	163	C	TEC-TEH	TEC-TEH		00050	610MF	VS3+ 0.87	0.39			<20	P 2
94	163	C	TEC-TEH	TEC-TEH		00058	610MF	08H- 0.17	0.88		0	26	P 2
104	163	C	TEC-TEH	TEC-TEH		00050	610MF	BW1+ 1.96	0.78		0	24	P 2
		C	TEC-TEH	TEC-TEH		00050	610MF	BW2+ 1.68	0.39		0	<20	P 2
108	163	C	TEC-TEH	TEC-TEH		00050	610MF	BW1+ 1.83	0.88		0	28	P 2
73	164	C	TEC-TEH	TEC-TEH		00050	610MF	08H- 0.10	0.28		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00050	610MF	BW1+ 1.91	0.46		0	<20	P 2
85	164	C	TEC-TEH	TEC-TEH		00050	610MF	BW1+ 1.62	0.40		0	<20	P 2
93	164	C	TEC-TEH	TEC-TEH		00050	610MF	BW1+ 1.56	0.56		0	<20	P 2
95	164	H	08H-08H	08H-08H		00057	600BC	08H- 0.86	1.19		0	23	P 2
		C	TEC-TEH	TEC-TEH		00058	610MF	08H+ 0.67	1.38		0	PID	P 2
		H	08H-08H	08H-08H		00057	600BC	08H+ 0.84	0.44		0	<20	P 2
		H	08H-08H	08H-08H		00057	600BC	08H+ 0.85	1.77		0	30	P 2
		C	TEC-TEH	TEC-TEH		00050	610MF	08H+ 1.01	1.57		0	35	P 2
103	164	C	TEC-TEH	TEC-TEH		00050	610MF	08H- 0.78	0.40		0	<20	P 2
70	165	C	TEC-TEH	TEC-TEH		00050	610MF	08H+ 0.68	0.70		0	20	P 2
76	165	C	TEC-TEH	TEC-TEH		00058	610MF	08H- 0.30	0.64		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00058	610MF	BW1- 1.62	0.20		0	<20	P 2
84	165	C	TEC-TEH	TEC-TEH		00058	610MF	BW1+ 1.89	1.21		0	24	P 2
86	165	C	TEC-TEH	TEC-TEH		00050	610MF	08H- 0.71	0.49		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00050	610MF	BW1+ 1.88	0.54		0	<20	P 2

MID CYCLE

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(STEAM GENERATOR : 31
OUTAGE DATA SET : CURRENT
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ROW	LIN	LEG	EXAM PROGRAM	EXTENT ACTUAL	EXP	CAL	PROBE	LOCATION	VOLTS	CURRENT MIL	DEG	%	CH
88	165	C	TEC-TEH	TEC-TEH		00058	610MF	BW1+ 1.83	0.85		0	21	P 2
57	166	C	TEC-TEH	TEC-TEH		00058	610MF	BW1+ 1.90	0.39		0	<20	P 2
67	166	C	TEC-TEH	TEC-TEH		00050	610MF	08H- 0.08	1.00		0	25	P 2
69	166	C	TEC-TEH	TEC-TEH		00058	610MF	BW1+ 1.48	0.50		0	<20	P 2
73	166	C	TEC-TEH	TEC-TEH		00058	610MF	BW1- 1.78	0.71		0	<20	P 2
81	166	C	TEC-TEH	TEC-TEH		00058	610MF	08H- 1.03	0.63		0	<20	P 2
87	166	C	TEC-TEH	TEC-TEH		00050	610MF	08H- 0.76	0.40		0	<20	P 2
89	166	C	TEC-TEH	TEC-TEH		00058	610MF	08H+ 0.86	0.61		0	<20	P 2
91	166	C	TEC-TEH	TEC-TEH		00058	610MF	08H+ 0.76	1.39		0	PID	P 2
		C	TEC-TEH	TEC-TEH		00050	610MF	08H+ 0.87	1.64		0	32	11
58	167	C	TEC-TEH	TEC-TEH		00050	610MF	07H- 0.93	0.42		0	<20	P 2
62	167	C	TEC-TEH	TEC-TEH		00050	610MF	BW1- 2.21	0.35		0	<20	P 2
70	167	C	TEC-TEH	TEC-TEH		00050	610MF	08H- 0.26	1.01		0	28	P 2
72	167	C	TEC-TEH	TEC-TEH		00058	610MF	07H+ 0.89	0.74		0	20	P 2
76	167	C	TEC-TEH	TEC-TEH		00058	610MF	08H+ 1.06	0.82		0	24	P 2
84	167	C	TEC-TEH	TEC-TEH		00058	610MF	08H+ 0.62	1.02		0	24	P 2
55	168	C	TEC-TEH	TEC-TEH		00058	610MF	07H+ 0.77	0.35		0	<20	P 2
59	168	C	TEC-TEH	TEC-TEH		00050	610MF	07H- 0.85	0.47		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00050	610MF	VS3- 1.16	20.23		180	DNT	P 1
87	168	C	TEC-TEH	TEC-TEH		00050	610MF	BW1+ 1.95	0.62		0	20	P 2
68	169	C	TEC-TEH	TEC-TEH		00058	610MF	08H- 0.09	0.58		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00058	610MF	08H+ 0.93	0.61		0	<20	P 2
72	169	C	TEC-TEH	TEC-TEH		00058	610MF	08H+ 0.99	0.38		0	<20	P 2
80	169	C	TEC-TEH	TEC-TEH		00058	610MF	08H- 0.18	0.78		0	22	P 2
		C	TEC-TEH	TEC-TEH		00058	610MF	08H+ 0.92	0.71		0	21	P 2
88	169	C	TEC-TEH	TEC-TEH		00058	610MF	08H+ 0.82	0.36		0	<20	P 2
67	170	H	TSH-TSH	TSH-TSH		00032	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00058	610MF	08H- 0.12	0.22		0	<20	P 2
71	170	H	TSH-TSH	TSH-TSH		00032	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00058	610MF	08H- 0.91	1.35		0	32	P 2
		C	TEC-TEH	TEC-TEH		00058	610MF	08H+ 0.70	0.51		0	<20	P 2
75	170	H	TSH-TSH	TSH-TSH		00032	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00058	610MF	08H+ 0.97	0.42		0	<20	P 2
58	171	C	TEC-TEH	TEC-TEH		00050	610MF	BW1+ 1.83	0.61		0	20	P 2
60	171	C	TEC-TEH	TEC-TEH		00058	610MF	BW1+ 2.16	0.36		0	<20	P 2
68	171	C	TEC-TEH	TEC-TEH		00058	610MF	07H+ 0.92	0.54		0	<20	P 2
70	171	C	TEC-TEH	TEC-TEH		00050	610MF	08H- 1.04	0.57		0	<20	P 2
74	171	C	TEC-TEH	TEC-TEH		00050	610MF	08H+ 0.76	0.37		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00050	610MF	BW1+ 2.01	0.20		0	<20	P 2
76	171	C	TEC-TEH	TEC-TEH		00058	610MF	08H+ 0.73	0.27		0	<20	P 2
57	172	C	TEC-TEH	TEC-TEH		00053	610MF					BDA	
		C	TEC-TEH	TEC-TEH		00058	610MF	BW1+ 1.88	0.59		0	<20	P 2
65	172	C	TEC-TEH	TEC-TEH		00053	610MF					BDA	
		C	TEC-TEH	TEC-TEH		00058	610MF	08H- 1.45	0.52		0	<20	P 2
		H	BW1-VS3	BW1-VS3		00067	580BC	BW1+ 1.40	1.02		0	29	P 2

MID CYCLE

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STEAM GENERATOR : 31
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ROW	LIN	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION	CURRENT				
			PROGRAM	ACTUAL					VOLTS	MIL	DEG	%	CH
65	172	C	TEC-TEH	TEC-TEH		00058	610MF	BW1+ 1.45	0.69		26	NQI	P 1
67	172	C	TEC-TEH	TEC-TEH		00052	610MF	08H+ 0.37	1.32		0	29	P 2
71	172	C	TEC-TEH	TEC-TEH		00052	610MF	08H+ 0.75	0.88		0	22	P 2
		C	TEC-TEH	TEC-TEH		00052	610MF	BW1- 1.92	0.39		0	<20	P 2
75	172	C	TEC-TEH	TEC-TEH		00052	610MF	08H+ 0.87	0.75		0	20	P 2
		C	TEC-TEH	TEC-TEH		00052	610MF	BW1+ 1.74	0.54		0	<20	P 2
77	172	C	TEC-TEH	TEC-TEH		00053	610MF					BDA	
		H	-	-		00000						TBP	
		H	VS3-VS3	VS3-VS3		00060	580BC	VS3+ 0.28	0.36		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00064	610MF	VS3+ 0.89	2.46		0	PID	P 2
		H	VS3-VS3	VS3-VS3		00060	580BC	VS3+ 0.94	3.42		0	43	P 2
		C	TEC-TEH	TEC-TEH		00058	610MF	VS3+ 0.97	2.05		0	35	P 2
		C	TEC-TEH	TEC-TEH		00058	610MF	VS5- 0.58	1.11		0	28	P 2
83	172	C	TEC-TEH	TEC-TEH		00052	610MF	VS5- 0.84	0.90		0	22	P 2
85	172	C	TEC-TEH	TEC-TEH		00053	610MF					BDA	
		C	TEC-TEH	TEC-TEH		00058	610MF	VS3- 0.80	0.31		0	<20	P 2
64	173	C	TEC-TEH	TEC-TEH		00052	610MF	BW1+ 1.69	0.68		0	<20	P 2
66	173	C	TEC-TEH	TEC-TEH		00052	610MF	08H+ 1.47	1.33		0	29	P 2
76	173	C	TEC-TEH	TEC-TEH		00052	610MF	VS3+ 1.04	0.72		0	<20	P 2
78	173	C	TEC-TEH	TEC-TEH		00052	610MF	08H+ 0.81	0.78		0	20	P 2
		C	TEC-TEH	TEC-TEH		00052	610MF	VS3- 0.61	0.62		0	<20	P 2
82	173	C	TEC-TEH	TEC-TEH		00052	610MF	VS3- 0.73	0.46		0	<20	P 2
86	173	C	TEC-TEH	TEC-TEH		00052	610MF	BW1+ 1.95	0.49		0	<20	P 2
61	174	C	TEC-TEH	TEC-TEH		00052	610MF	07H+ 0.88	0.31		0	<20	P 2
63	174	C	TEC-TEH	TEC-TEH		00052	610MF	BW1+ 1.89	0.65		0	<20	P 2
65	174	C	TEC-TEH	TEC-TEH		00052	610MF	07H+ 0.86	0.49		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00052	610MF	08H- 1.46	1.12		0	26	P 2
69	174	C	TEC-TEH	TEC-TEH		00052	610MF	08H+ 0.90	0.39		0	<20	P 2
56	175	C	TEC-TEH	TEC-TEH		00052	610MF	07H+ 0.89	0.65		0	<20	P 2
58	175	C	TEC-TEH	TEC-TEH		00052	610MF	07H+ 0.96	0.28		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00052	610MF	VS3+ 0.85	0.86		0	22	P 2
		C	TEC-TEH	TEC-TEH		00052	610MF	VS5- 0.72	0.65		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00052	610MF	VS5+ 0.86	0.50	0		<20	P 2
60	175	C	TEC-TEH	TEC-TEH		00052	610MF	VS3- 0.66	0.98		0	24	P 2
64	175	C	TEC-TEH	TEC-TEH		00052	610MF	07H+ 0.81	0.36		0	<20	P 2
57	176	C	TEC-TEH	TEC-TEH		00052	610MF	VS3+ 0.84	0.44		0	<20	P 2
61	176	C	TEC-TEH	TEC-TEH		00052	610MF	BW1+ 2.09	0.20		0	<20	P 2
58	177	C	TEC-TEH	TEC-TEH		00052	610MF	VS5- 0.97	0.63		0	<20	P 2
66	179	C	TEC-TEH	TEC-TEH		00054	610MF	BW1+ 1.79	0.69		0	<20	P 2
47	180	H	TSH-TSH	TSH-TSH		00032	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00054	610MF	BW1+ 1.78	0.34		0	<20	P 2
49	180	H	TSH-TSH	TSH-TSH		00030	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00055	610MF	BW1+ 1.87	0.84		0	22	P 2
42	181	C	TEC-TEH	TEC-TEH		00054	610MF	BW1+ 1.65	0.51		0	<20	P 2
50	181	C	TEC-TEH	TEC-TEH		00054	610MF	BW1+ 1.84	0.57		0	<20	P 2

MID CYCLE

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12/93, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

STEAM GENERATOR : 31
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ROW	LIN	LEG	EXAM PROGRAM	EXTENT ACTUAL	EXP	CAL	PROBE	LOCATION	VOLTS	MIL	DEG	%	CH
52	181	C	TEC-TEH	TEC-TEH		00055	610MF	BW1+ 1.89	0.28		0	<20	P 2
33	182	C	TEC-TEH	TEC-TEH		00054	610MF	07H- 0.78	0.39		0	<20	P 2
35	182	H	BW1-VS4	BW1-VS4		00060	580BC					NDD	
		C	TEC-TEH	TEC-TEH		00055	610MF	BW1+ 20.05	1.09		54	NQI	1
41	182	C	TEC-TEH	TEC-TEH		00054	610MF	VS4- 1.13	0.78		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00054	610MF	BW2+ 1.77	0.41		0	<20	P 2
43	182	C	TEC-TEH	TEC-TEH		00055	610MF	BW1+ 1.71	1.04		0	25	P 2
		C	TEC-TEH	TEC-TEH		00055	610MF	VS4+ 1.06	0.83		0	21	P 2
45	182	C	TEC-TEH	TEC-TEH		00054	610MF	BW1+ 1.96	0.62		0	<20	P 2
51	182	C	TEC-TEH	TEC-TEH		00055	610MF	BW1+ 1.81	0.56		0	<20	P 2
46	183	C	TEC-TEH	TEC-TEH		00054	610MF	BW1+ 2.05	0.67		0	<20	P 2
37	184	C	TSC-01C	TSC-01C		00073	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00054	610MF	BW1+ 2.05	0.65		0	<20	P 2
45	184	C	TEC-TEH	TEC-TEH		00054	610MF	BW1+ 1.56	0.44		0	<20	P 2
36	185	C	TEC-TEH	TEC-TEH		00055	610MF					NDD	
		C	TSC-01C	TSC-01C		00071	600BC	TSC+ 0.11	1.39		0	PLP	11
35	186	C	TEC-TEH	TEC-TEH		00055	610MF					NDD	
		C	TSC-01C	TSC-01C		00071	600BC	TSC+ 0.70	0.99		0	PLP	11
37	186	C	TEC-TEH	TEC-TEH		00054	610MF	TSC+ 0.94	1.77		0	PLP	8
		C	TSC-01C	TSC-01C		00068	610BC	TSC+ 0.65	1.20		0	PLP	11

NUMBER OF TUBES SELECTED FROM CURRENT OUTAGE: 937
NUMBER OF DATA RECORDS SELECTED FROM CURRENT OUTAGE: 1640

NO TREND ANALYSIS REQUESTED

DATA SELECTION CRITERIA:

Percent: MAI, MCI, PID, SAI, SCI, TBP, SVI, NTE, PLP, BLI, DRI, DSI, DTI, NQI, OBS, 0 to 100%

REPORT OPTIONS:

All results are included for tubes with at least one call meeting criteria

CUMULATIVE REPORT
12/93, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

STEAM GENERATOR : 32
OUTAGE DATA SET : CURRENT
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ROW	LIN	LEG	EXAM	EXTENT	ACTUAL	EXP	CAL	PROBE	LOCATION	VOLTS	MIL	DEG	%	CH
8	1	H	TSH-TSH	TSH-TSH			00125	610BC					NDD	
		C	TEC-TEH	TEC-TEH			00003	610MF	03C- 0.03	0.32		0	<20	P 2
13	2	H	BW1-BW2	BW1-07C			00088	580BC					NDD	
		H	TSH-TSH	TSH-TSH			00124	610BC					NDD	
		C	TEC-TEH	TEC-TEH			00003	610MF	BW1+ 30.97TO+ 35.69	0.86		53	NQI	P 1
47	6	H	TSH-TSH	TSH-TSH			00122	610BC					NDD	
		C	TEC-TEH	TEC-TEH			00002	610MF	BW1+ 2.05	0.68		0	20	P 2
		C	TEC-TEH	TEC-TEH			00002	610MF	VS4- 0.85	0.60		0	<20	P 2
		C	TEC-TEH	TEC-TEH			00002	610MF	VS4+ 0.88	0.90		0	24	P 2
36	7	H	TSH-TSH	TSH-TSH			00123	610BC					NDD	
		C	TEC-TEH	TEC-TEH			00004	610MF	VS4- 0.62	0.57		0	<20	P 2
39	8	H	TSH-TSH	TSH-TSH			00123	610BC					NDD	
		C	TEC-TEH	TEC-TEH			00004	610MF	BW2- 0.97	0.33		0	<20	P 2
66	13	H	TSH-TSH	TSH-TSH			00123	610BC					NDD	
		C	TEC-TEH	TEC-TEH			00004	610MF	08H+ 0.60	0.31		0	<20	P 2
72	13	H	TSH-TSH	TSH-TSH			00128	610BC					NDD	
		C	TEC-TEH	TEC-TEH			00005	610MF	VS5- 0.41	0.38		0	<20	P 2
75	14	H	TSH-TSH	TSH-TSH			00128	610BC					NDD	
		C	TEC-TEH	TEC-TEH			00004	610MF	08H+ 0.84	0.41		0	<20	P 2
66	15	C	TSC-01C	TSC-01C			00069	600BC					NDD	
		H	TSH-TSH	TSH-TSH			00123	610BC					NDD	
		C	TEC-TEH	TEC-TEH			00004	610MF	TSC+ 11.77	0.45		125	NQI	1
70	15	H	TSH-TSH	TSH-TSH			00123	610BC					NDD	
		C	TEC-TEH	TEC-TEH			00004	610MF	08H+ 0.55	0.41		0	<20	P 2
82	15	H	-	-			00000						TBP	
		H	TSH-TSH	TSH-TSH			00126	610BC					NDD	
		C	BW2-VS5	BW2-VS3			00072	580BC	VS5+ 26.79	1.56		0	PID	1
		C	BW2-VS5	BW2-VS5			00071	580BC	VS5+ 26.88	1.56		0	SVI	1
		C	TEC-TEH	TEC-TEH			00004	610MF	VS5+ 27.98	4.03		10	NQI	1
57	16	H	TSH-TSH	TSH-TSH			00122	610BC					NDD	
		C	TEC-TEH	TEC-TEH			00004	610MF	BW1+ 1.83	0.65		0	<20	P 2
69	16	H	TSH-TSH	TSH-TSH			00123	610BC					NDD	
		C	TEC-TEH	TEC-TEH			00004	610MF	08H+ 0.74	0.47		0	<20	P 2
81	16	H	TSH-TSH	TSH-TSH			00126	610BC					NDD	
		C	TEC-TEH	TEC-TEH			00004	610MF	VS3- 0.78				INF	
		C	TEC-TEH	TEC-TEH			00004	610MF	VS5- 0.95	0.61		0	<20	P 2
66	17	H	TSH-TSH	TSH-TSH			00123	610BC					NDD	
		C	TEC-TEH	TEC-TEH			00004	610MF	08H+ 0.64	0.65		0	<20	P 2
78	17	H	TSH-TSH	TSH-TSH			00126	610BC					NDD	
		C	TEC-TEH	TEC-TEH			00004	610MF	08H+ 0.92	0.59		0	<20	P 2
82	17	H	TSH-TSH	TSH-TSH			00126	610BC					NDD	
		C	TEC-TEH	TEC-TEH			00004	610MF	BW1- 1.99	0.90		0	22	P 2
84	17	H	TSH-TSH	TSH-TSH			00126	610BC					NDD	
		C	TEC-TEH	TEC-TEH			00064	610MF	BW1+ 1.93	0.21		0	<20	P 2
		C	TEC-TEH	TEC-TSH			00005	610MF	BW1+ 2.21	0.30		0	<20	P 2

MID CYCLE

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STEAM GENERATOR : 32
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SELECTION VARIABLES: Percent

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ROW	LIN		LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION	VOLTS	CURRENT				CH
				PROGRAM	ACTUAL						MIL	DEG	%		
1	18		H	TEH-TSH	TEH-TSH		00089	600BC					NDD		
			H	-	-		99999	610UL	TSH+ 0.0	0.40		45	NTE	4	
57	18		H	TSH-TSH	TSH-TSH		00123	610BC					NDD		
			C	TEC-TEH	TEC-TEH		00004	610MF	BW1+ 2.21	0.63		0	<20	P 2	
81	18		H	TSH-TSH	TSH-TSH		00126	610BC					NDD		
			C	TEC-TEH	TEC-TEH		00004	610MF	08H+ 0.87	0.34		0	<20	P 2	
91	18		H	01H-02H	01H-02H		00100	600BC					NDD		
			H	TSH-TSH	TSH-TSH		00126	610BC					NDD		
			C	TEC-TEH	TEC-TEH		00004	610MF	BW1+ 1.92	0.57		0	<20	P 2	
56	19		H	TSH-TSH	TSH-TSH		00122	610BC					NDD		
			C	TEC-TEH	TEC-TEH		00004	610MF	BW1+ 2.23	0.54		0	<20	P 2	
58	19		H	TSH-TSH	TSH-TSH		00123	610BC					NDD		
			C	TEC-TEH	TEC-TEH		00004	610MF	BW1+ 2.00	1.15		0	23	P 2	
60	19		H	TSH-TSH	TSH-TSH		00122	610BC					NDD		
			C	TEC-TEH	TEC-TEH		00004	610MF	BW1+ 2.16	0.36		0	<20	P 2	
66	19		H	TSH-TSH	TSH-TSH		00123	610BC					NDD		
			C	TEC-TEH	TEC-TEH		00004	610MF	BW1+ 1.86	0.90		0	22	P 2	
68	19		H	TSH-TSH	TSH-TSH		00122	610BC					NDD		
			C	TEC-TEH	TEC-TEH		00004	610MF	BW1+ 1.52	0.52		0	<20	P 2	
72	19		H	TSH-TSH	TSH-TSH		00127	610BC					NDD		
			C	TEC-TEH	TEC-TEH		00004	610MF	BW1+ 1.27	0.67		0	<20	P 2	
			C	TEC-TEH	TEC-TEH		00004	610MF	VS3+ 0.74	0.63		0	<20	P 2	
			C	TEC-TEH	TEC-TEH		00004	610MF	VS5- 1.09	1.15		0	26	P 2	
			C	TEC-TEH	TEC-TEH		00004	610MF	VS5+ 0.47	1.88		0	31	P 2	
80	19		H	TSH-TSH	TSH-TSH		00127	610BC					NDD		
			C	TEC-TEH	TEC-TEH		00004	610MF	08H+ 0.61	1.13		0	28	P 2	
88	19		H	TSH-TSH	TSH-TSH		00126	610BC					NDD		
			C	TEC-TEH	TEC-TEH		00004	610MF	BW1+ 2.18	0.20		0	<20	P 2	
92	19		H	01H-02H	01H-02H		00089	600BC					NDD		
			H	TSH-TSH	TSH-TSH		00126	610BC					NDD		
			C	TEC-TEH	TEC-TEH		00004	610MF	01H+ 13.57	0.20		116	NQI	1	
63	20		H	TSH-TSH	TSH-TSH		00121	600BC					NDD		
			C	TEC-TEH	TEC-TEH		00004	610MF	BW1+ 1.59	1.15		0	23	P 2	
65	20		H	TSH-TSH	TSH-TSH		00122	610BC					NDD		
			C	TEC-TEH	TEC-TEH		00005	610MF	BW1+ 1.58	0.77		0	22	P 2	
73	20		H	TSH-TSH	TSH-TSH		00126	610BC					NDD		
			C	TEC-TEH	TEC-TEH		00005	610MF	VS5- 0.75	0.47		0	<20	P 2	
77	20		H	TSH-TSH	TSH-TSH		00126	610BC					NDD		
			C	TEC-TEH	TEC-TEH		00005	610MF	BW1- 2.23	0.71		0	21	P 2	
79	20		H	TSH-TSH	TSH-TSH		00127	610BC					NDD		
			C	TEC-TEH	TEC-TEH		00004	610MF	BW1- 2.11	0.46		0	<20	P 2	
81	20		H	TSH-TSH	TSH-TSH		00126	610BC					NDD		
			C	TEC-TEH	TEC-TEH		00005	610MF	VS5- 0.97	0.63		0	<20	P 2	
58	21		H	TSH-TSH	TSH-TSH		00119	610BC					NDD		
			C	TEC-TEH	TEC-TEH		00005	610MF	BW1- 1.86	0.44		0	<20	P 2	

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STEAM GENERATOR : 32
OUTAGE DATA SET : CURRENT
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ROW	LIN	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION	CURRENT				
			PROGRAM	ACTUAL					VOLTS	MIL	DEG	%	CH
58	21	C	TEC-TEH	TEC-TEH		00005	610MF	BW1+ 1.92	0.33		0	<20	P 2
68	21	H	TSH-TSH	TSH-TSH		00120	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00004	610MF	BW1+ 1.68	1.00		0	26	P 2
74	21	H	TSH-TSH	TSH-TSH		00126	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00005	610MF	BW1+ 2.17	0.55		0	<20	P 2
76	21	H	TSH-TSH	TSH-TSH		00127	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00004	610MF	BW1+ 1.91	0.40		0	<20	P 2
78	21	H	TSH-TSH	TSH-TSH		00126	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00005	610MF	BW1+ 1.94	0.54		0	<20	P 2
80	21	H	TSH-TSH	TSH-TSH		00127	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00004	610MF	07C+ 0.75	0.20		0	<20	P 2
84	21	H	TSH-TSH	TSH-TSH		00127	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00004	610MF	VS3- 0.71	0.61		0	<20	P 2
86	21	H	TSH-TSH	TSH-TSH		00126	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00005	610MF	08H+ 0.71	0.71		0	21	P 2
88	21	H	TSH-TSH	TSH-TSH		00127	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00004	610MF	BW1+ 2.05	0.66		0	<20	P 2
94	21	H	TSH-TSH	TSH-TSH		00126	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00005	610MF	BW1+ 1.86	0.36		0	<20	P 2
77	22	H	TSH-TSH	TSH-TSH		00127	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00005	610MF	08H+ 0.85	0.75		0	22	P 2
85	22	H	TSH-TSH	TSH-TSH		00127	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00005	610MF	08H+ 0.90	0.43		0	<20	P 2
87	22	H	TSH-TSH	TSH-TSH		00126	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00004	610MF	BW1+ 1.87	0.86		0	23	P 2
89	22	H	TSH-TSH	TSH-TSH		00127	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00005	610MF	08H+ 0.97	0.60		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00005	610MF	BW1+ 1.60	1.02		0	26	P 2
62	23	H	TSH-TSH	TSH-TSH		00119	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00006	610MF	05C+ 0.18	0.28		0	<20	P 2
76	23	H	TSH-TSH	TSH-TSH		00127	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00007	610MF	08H- 0.90	0.38		0	<20	P 2
80	23	H	TSH-TSH	TSH-TSH		00127	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00007	610MF	BW1+ 2.03	0.60		0	<20	P 2
86	23	H	TSH-TSH	TSH-TSH		00126	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00006	610MF	VS3- 0.68	0.45		0	<20	P 2
88	23	H	TSH-TSH	TSH-TSH		00127	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00007	610MF	BW1+ 2.07	1.17		0	26	P 2
85	24	H	TSH-TSH	TSH-TSH		00127	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00007	610MF	BW1- 2.21	0.37		0	<20	P 2
89	24	H	TSH-TSH	TSH-TSH		00127	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00007	610MF	BW1+ 1.95	0.38		0	<20	P 2
91	24	H	VS3-VS5	VS3-VS5		00088	580BC					NDD	
		H	TSH-TSH	TSH-TSH		00126	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00006	610MF	08H- 0.91	0.97		0	23	P 2

MID CYCLE

CUMULATIVE REPORT
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STEAM GENERATOR : 32
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SELECTION VARIABLES: Percent

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ROW	LIN	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION	VOLTS	CURRENT			
			PROGRAM	ACTUAL						MIL	DEG	%	CH
91	24	C	TEC-TEH	TEC-TEH		00006	610MF	VS3+ 12.98	0.25		83	NQI	P 1
97	24	H	TSH-TSH	TSH-TSH		00127	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00007	610MF	VS3+ 0.89	0.29		0	<20	P 2
20	25	H	TEH-TSH	TEH-TSH		00089	600BC					NDD	
		H	TEH-TSH	TSH-TSH		00120	610BC					NDD	
		C	-	-		99999	610UL	TSH+ 0.0				NTE	
56	25	H	TSH-TSH	TSH-TSH		00120	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00006	610MF	BW1+ 1.91	0.70		0	<20	P 2
58	25	H	TSH-TSH	TSH-TSH		00119	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00007	610MF	BW1+ 1.74	0.31		0	<20	P 2
74	25	H	TSH-TSH	TSH-TSH		00124	610BC					NDD	
		C	07C-08C	07C-08C		00069	600BC	07C+ 12.69	1.21		0	SVI	1
		C	07C-08C	07C-08C		00073	600BC	07C+ 12.52	1.41		0	PID	1
		C	TEC-TEH	TEC-TEH		00007	610MF	07C+ 12.21	0.34		149	<20	1
		C	07C-08C	07C-08C		00069	600BC	07C+ 11.02	0.59		0	SVI	1
86	25	H	TSH-TSH	TSH-TSH		00126	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00007	610MF	BW1+ 1.86	0.32		0	<20	P 2
88	25	H	TSH-TSH	TSH-TSH		00127	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00006	610MF	BW1+ 1.92	0.70		0	<20	P 2
90	25	H	TSH-TSH	TSH-TSH		00126	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00007	610MF	BW1+ 2.17	0.23		0	<20	P 2
102	25	H	TSH-TSH	TSH-TSH		00126	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00006	610MF	VS2- 0.76	0.26		0	<20	P 2
106	25	H	TSH-TSH	TSH-TSH		00126	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00006	610MF	BW1+ 1.52	0.57		0	<20	P 2
57	26	H	TSH-TSH	TSH-TSH		00120	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00006	610MF	BW1+ 2.04	0.66		0	<20	P 2
59	26	H	TSH-TSH	TSH-TSH		00119	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00007	610MF	BW1+ 1.91	0.47		0	<20	P 2
71	26	H	TSH-TSH	TSH-TSH		00125	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00007	610MF	08H- 0.91	0.45		0	<20	P 2
73	26	H	TSH-TSH	TSH-TSH		00124	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00006	610MF	08H+ 0.82	1.18		0	26	P 2
75	26	H	TSH-TSH	TSH-TSH		00125	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00007	610MF	08H- 0.14	0.42		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00007	610MF	08H+ 0.89	1.04		0	24	P 2
83	26	H	TSH-TSH	TSH-TSH		00124	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00007	610MF	08H+ 1.09	0.44		0	<20	P 2
87	26	H	TSH-TSH	TSH-TSH		00124	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00007	610MF	07H- 0.94	0.38		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00007	610MF	BW1- 2.13	0.26		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00007	610MF	BW1+ 1.98	0.23		0	<20	P 2
58	27	H	TSH-TSH	TSH-TSH		00120	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00006	610MF	BW1+ 2.13	0.55		0	<20	P 2
60	27	H	TSH-TSH	TSH-TSH		00119	610BC					NDD	

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STEAM GENERATOR : 32
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ROW	LIN	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION		CURRENT				
			PROGRAM	ACTUAL						VOLTS	MIL	DEG	%	CH
60	27	C	TEC-TEH	TEC-TEH		00007	610MF	BW1+	1.86	0.53		0	<20	P 2
66	27	H	TSH-TSH	TSH-TSH		00120	610BC						NDD	
		C	TEC-TEH	TEC-TEH		00006	610MF	BW1-	1.37	0.39		0	<20	P 2
76	27	H	TSH-TSH	TSH-TSH		00125	610BC						NDD	
		C	TEC-TEH	TEC-TEH		00007	610MF	BW1+	1.81	0.21		0	<20	P 2
82	27	H	TSH-TSH	TSH-TSH		00124	610BC						NDD	
		C	TEC-TEH	TEC-TEH		00006	610MF	BW1+	1.88	0.47		0	<20	P 2
84	27	H	TSH-TSH	TSH-TSH		00125	610BC						NDD	
		C	TEC-TEH	TEC-TEH		00007	610MF	BW1-	1.87	0.23		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00007	610MF	BW1+	1.93	0.29		0	<20	P 2
86	27	H	TSH-TSH	TSH-TSH		00124	610BC						NDD	
		C	TEC-TEH	TEC-TEH		00006	610MF	BW1+	1.85	0.32		0	<20	P 2
106	27	H	TSH-TSH	TSH-TSH		00125	610BC						NDD	
		C	TEC-TEH	TEC-TEH		00006	610MF	BW1+	1.92	0.66		0	<20	P 2
57	28	H	TSH-TSH	TSH-TSH		00119	610BC						NDD	
		C	TEC-TEH	TEC-TEH		00006	610MF	BW1+	1.99	0.62		0	<20	P 2
59	28	H	TSH-TSH	TSH-TSH		00119	610BC						NDD	
		C	TEC-TEH	TEC-TEH		00007	610MF	BW1+	2.02	0.59		0	<20	P 2
69	28	H	TSH-TSH	TSH-TSH		00119	610BC						NDD	
		C	TEC-TEH	TEC-TEH		00007	610MF	VS5+	0.63	0.35		0	<20	P 2
79	28	H	TSH-TSH	TSH-TSH		00124	610BC						NDD	
		C	TEC-TEH	TEC-TEH		00006	610MF	08H+	0.94	1.05		0	<20	P 2
83	28	H	TSH-TSH	TSH-TSH		00124	610BC						NDD	
		C	TEC-TEH	TEC-TEH		00006	610MF	BW1-	1.92	0.55		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00006	610MF	BW1+	1.87	0.73		0	<20	P 2
85	28	H	TSH-TSH	TSH-TSH		00125	610BC						NDD	
		C	TEC-TEH	TEC-TEH		00007	610MF	BW1+	1.96	0.44		0	<20	P 2
87	28	H	TSH-TSH	TSH-TSH		00124	610BC						NDD	
		C	TEC-TEH	TEC-TEH		00006	610MF	08H-	0.81	0.43		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00006	610MF	BW1+	1.72	1.11		0	25	P 2
89	28	H	TSH-TSH	TSH-TSH		00125	610BC						NDD	
		C	TEC-TEH	TEC-TEH		00007	610MF	08C+	0.82	0.38		0	<20	P 2
91	28	H	TSH-TSH	TSH-TSH		00124	610BC						NDD	
		C	TEC-TEH	TEC-TEH		00006	610MF	VS2-	0.71	0.53		0	<20	P 2
103	28	H	TSH-TSH	TSH-TSH		00124	610BC						NDD	
		C	TEC-TEH	TEC-TEH		00006	610MF	BW1+	1.77	0.66		0	<20	P 2
105	28	H	TSH-TSH	TSH-TSH		00125	610BC						NDD	
		C	TEC-TEH	TEC-TEH		00007	610MF	BW1+	1.99	0.82		0	21	P 2
60	29	H	TSH-TSH	TSH-TSH		00120	610BC						NDD	
		C	TEC-TEH	TEC-TEH		00007	610MF	BW1+	1.87	0.47		0	<20	P 2
70	29	H	TSH-TSH	TSH-TSH		00119	610BC						NDD	
		C	TEC-TEH	TEC-TEH		00006	610MF	BW1-	1.83	0.28		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00006	610MF	BW1+	1.89	0.73		0	<20	P 2
76	29	H	TSH-TSH	TSH-TSH		00125	610BC						NDD	
		C	TEC-TEH	TEC-TEH		00007	610MF	08H-	0.93	0.53		0	<20	P 2

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STEAM GENERATOR : 32
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

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ROW	LIN	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION	CURRENT				
			PROGRAM	ACTUAL					VOLTS	MIL	DEG	%	CH
80	29	H	TSH-TSH	TSH-TSH		00125	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00007	610MF	08H+ 0.95	0.42		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00007	610MF	BW1+ 1.98	0.57		0	<20	P 2
84	29	H	TSH-TSH	TSH-TSH		00125	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00007	610MF	BW1+ 2.19	0.53		0	<20	P 2
86	29	H	TSH-TSH	TSH-TSH		00124	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00006	610MF	BW1+ 1.98	0.60		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00006	610MF	VS3- 0.92	1.03		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00006	610MF	VS3+ 1.54	3.45		175	INR	P 1
94	29	H	TSH-TSH	TSH-TSH		00124	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00006	610MF	BW1+ 1.78	0.49		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00006	610MF	VS6- 0.89	8.72		175	INR	P 1
96	29	H	TSH-TSH	TSH-TSH		00125	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00007	610MF	VS6+ 1.25	0.38		0	<20	P 2
102	29	H	TSH-TSH	TSH-TSH		00124	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00006	610MF	08H+ 0.71	1.36		0	28	P 2
		C	TEC-TEH	TEC-TEH		00006	610MF	BW1- 1.88	0.55		0	<20	P 2
106	29	H	TSH-TSH	TSH-TSH		00124	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00006	610MF	BW1- 2.00	0.30		0	<20	P 2
57	30	H	TSH-TSH	TSH-TSH		00119	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00008	610MF	BW1+ 1.62	0.55		0	<20	P 2
59	30	H	TSH-TSH	TSH-TSH		00119	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00008	610MF	BW1+ 1.72	0.70		0	20	P 2
73	30	H	TSH-TSH	TSH-TSH		00124	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00008	610MF	01C+ 1.54	0.64		142	<20	P 1
83	30	H	TSH-TSH	TSH-TSH		00125	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00008	610MF	BW1+ 1.72	0.36		0	<20	P 2
85	30	H	TSH-TSH	TSH-TSH		00124	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00008	610MF	VS3- 1.06	1.25		0	29	P 2
		C	TEC-TEH	TEC-TEH		00008	610MF	VS5+ 0.81	0.49		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00008	610MF	07C+ 0.59	0.19		0	<20	P 2
95	30	H	TSH-TSH	TSH-TSH		00125	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00008	610MF	BW1+ 1.80	0.55		0	<20	P 2
101	30	H	TSH-TSH	TSH-TSH		00124	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00009	610MF	08H+ 0.99	0.79		0	21	P 2
		C	TEC-TEH	TEC-TEH		00009	610MF	BW1- 2.20	0.25		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00009	610MF	BW1+ 1.46	0.63		0	<20	P 2
103	30	H	TSH-TSH	TSH-TSH		00125	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00008	610MF	08H+ 0.71	0.38		0	<20	P 2
105	30	H	TSH-TSH	TSH-TSH		00124	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00009	610MF	08H+ 0.94	0.60		0	<20	P 2
109	30	H	TSH-TSH	TSH-TSH		00124	610BC					NDD	
		H	08H-BW1	08H-BW1		00089	600BC	08H+ 0.80	0.64		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00008	610MF	08H+ 13.64	0.19		81	NQI	1
		C	TEC-TEH	TEC-TEH		00008	610MF	VS6+ 0.80	0.40		0	<20	P 2

MID CYCLE

CUMULATIVE REPORT
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STEAM GENERATOR : 32
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

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ROW	LIN	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION	CURRENT				
			PROGRAM	ACTUAL					VOLTS	MIL	DEG	%	CH
60	31	H	TSH-TSH	TSH-TSH		00037	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00008	610MF	BW1+ 2.15	0.55		0	<20	P 2
68	31	H	TSH-TSH	TSH-TSH		00037	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00008	610MF	BW1+ 1.85	0.74		0	20	P 2
72	31	H	TSH-TSH	TSH-TSH		00125	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00008	610MF	BW1- 1.88	0.17		0	<20	P 2
78	31	H	TSH-TSH	TSH-TSH		00124	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00008	610MF	08H- 0.93	0.42		0	<20	P 2
88	31	H	TSH-TSH	TSH-TSH		00125	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00008	610MF	BW1+ 1.88	0.42		0	<20	P 2
94	31	H	TSH-TSH	TSH-TSH		00124	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00008	610MF	BW1+ 1.92	0.66		0	<20	P 2
102	31	H	TSH-TSH	TSH-TSH		00124	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00008	610MF	BW1+ 2.04	0.80		0	22	P 2
104	31	H	TSH-TSH	TSH-TSH		00125	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00008	610MF	07C+ 16.44	0.74		31	NQI	1
		C	07C-08C	07C-08C		00069	600BC	07C+ 16.43	2.28		0	SVI	1
		C	07C-08C	07C-08C		00073	600BC	07C+ 16.28	2.86		0	PID	1
55	32	H	TSH-TSH	TSH-TSH		00037	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00009	610MF	BW1+ 1.81	0.61		0	<20	P 2
57	32	H	TSH-TSH	TSH-TSH		00038	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00009	610MF	BW1+ 1.53	0.28		0	<20	P 2
67	32	H	TSH-TSH	TSH-TSH		00037	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00008	610MF	BW1+ 1.89	0.67		0	<20	P 2
69	32	C	TEC-TEH	TEC-07C		00008	610MF					OBS	
		H	TSH-TSH	TSH-TSH		00038	600BC					NDD	
		C	TEC-TEH	TEC-07C		00064	610MF					OBS	
		C	TEC-TEH	TEC-TEH		00067	580MF	VS3+ 32.98	34.68		176	DNT	P 1
		C	TEC-TEH	TEC-TEH		00067	580MF	VS5+ 0.43	61.75		172	DNT	P 1
		C	TEC-TEH	TEC-TEH		00067	580MF	08C- 0.86	36.97		176	DNT	P 1
		C	TEC-TEH	TEC-TEH		00067	580MF	07C+ 43.00	26.72		176	DNT	P 1
75	32	H	TSH-TSH	TSH-TSH		00124	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00008	610MF	VS3- 0.72	0.25		0	<20	P 2
83	32	H	TSH-TSH	TSH-TSH		00124	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00008	610MF	BW1+ 2.08	0.34		0	<20	P 2
85	32	H	TSH-TSH	TSH-TSH		00125	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00009	610MF	VS5- 0.90	0.60		0	<20	P 2
87	32	H	-	-		00000						TBP	
		H	TSH-TSH	TSH-TSH		00124	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00064	610MF	BW1+ 1.59	1.43		0	PID	P 2
		H	BW1-BW1	BW1-BW1		00088	580BC	BW1+ 1.78	3.52		0	42	P 2
		C	TEC-TEH	TEC-TEH		00008	610MF	BW1+ 1.79	1.82		0	35	P 2
89	32	H	TSH-TSH	TSH-TSH		00125	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00008	610MF	BW1+ 1.80	0.32		0	<20	P 2
99	32	H	TSH-TSH	TSH-TSH		00124	610BC					NDD	

MID CYCLE

CUMULATIVE REPORT
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STEAM GENERATOR : 32
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

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ROW	LIN	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION	CURRENT				
			PROGRAM	ACTUAL					VOLTS	MIL	DEG	%	CH
99	32	C	TEC-TEH	TEC-TEH		00009	610MF	BW1- 2.19	0.20		0	<20	P 2
109	32	H	TSH-TSH	TSH-TSH		00125	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00008	610MF	08H- 0.25	0.85		0	23	P 2
80	33	H	TSH-TSH	TSH-TSH		00125	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00009	610MF	08H- 0.79	0.30		0	<20	P 2
84	33	H	TSH-TSH	TSH-TSH		00125	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00009	610MF	BW1+ 1.47	0.25		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00009	610MF	VS3- 0.83	0.70		0	20	P 2
88	33	H	TSH-TSH	TSH-TSH		00125	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00009	610MF	BW1- 1.63	0.93		0	24	P 2
90	33	H	TSH-TSH	TSH-TSH		00124	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00008	610MF	BW1+ 1.88	0.36		0	<20	P 2
94	33	H	TSH-TSH	TSH-TSH		00124	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00008	610MF	BW1+ 1.90	0.45		0	<20	P 2
98	33	H	TSH-TSH	TSH-TSH		00124	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00008	610MF	BW1- 2.13	0.45		0	<20	P 2
100	33	H	TSH-TSH	TSH-TSH		00125	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00009	610MF	BW1- 1.91	0.30		0	<20	P 2
102	33	H	TSH-TSH	TSH-TSH		00124	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00009	610MF	BW1- 1.78	0.18		0	<20	P 2
104	33	H	TSH-TSH	TSH-TSH		00125	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00009	610MF	BW1+ 1.72	0.25		0	<20	P 2
106	33	H	TSH-TSH	TSH-TSH		00124	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00009	610MF	BW2- 1.73	0.35		0	<20	P 2
118	33	C	TEC-TEH	TEC-09C		00008	610MF					OBS	
		C	TEC-TEH	TEC-09C		00064	610MF					OBS	
		H	TSH-TSH	TSH-TSH		00124	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00067	580MF	BW1+ 1.95	0.71		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00067	580MF	VS6+ 29.91	69.39		174	DNT	P 1
57	34	H	TSH-TSH	TSH-TSH		00037	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00010	610MF	BW1- 1.98	0.29		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00010	610MF	BW1+ 1.70	0.65		0	<20	P 2
63	34	H	TSH-TSH	TSH-TSH		00038	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00011	610MF	BW1- 1.57	0.14		0	<20	P 2
69	34	H	TSH-TSH	TSH-TSH		00037	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00010	610MF	02C+ 29.81	0.39		158	<20	1
73	34	H	TSH-TSH	TSH-TSH		00124	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00010	610MF	02C+ 25.95	0.73		153	<20	1
		C	02C-03C	02C-03C		00073	600BC	02C+ 25.94	1.34		0	PID	1
		C	02C-03C	02C-03C		00069	600BC	02C+ 25.88	0.91		0	SVI	1
81	34	H	TSH-TSH	TSH-TSH		00124	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00010	610MF	08H+ 0.83	0.58		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00010	610MF	BW1+ 1.74	0.60		0	<20	P 2
83	34	H	TSH-TSH	TSH-TSH		00125	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00011	610MF	BW1- 2.51	0.49		0	<20	P 2

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STEAM GENERATOR : 32
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ROW	LIN	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION		CURRENT				
			PROGRAM	ACTUAL						VOLTS	MIL	DEG	%	CH
83	34	C	TEC-TEH	TEC-TEH		00011	610MF	BW1+	1.66	0.32		0	<20	P 2
85	34	H	TSH-TSH	TSH-TSH		00124	610BC						NDD	
		C	TEC-TEH	TEC-TEH		00010	610MF	08H+	0.94	0.46		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00010	610MF	BW1-	2.00	0.27		0	<20	P 2
87	34	H	TSH-TSH	TSH-TSH		00125	610BC						NDD	
		C	TEC-TEH	TEC-TEH		00011	610MF	BW1+	2.02	0.67		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00011	610MF	BW2+	1.93	0.49		0	<20	P 2
89	34	H	TSH-TSH	TSH-TSH		00124	610BC						NDD	
		C	TEC-TEH	TEC-TEH		00010	610MF	BW1+	2.04	0.29		0	<20	P 2
97	34	H	TSH-TSH	TSH-TSH		00124	610BC						NDD	
		C	TEC-TEH	TEC-TEH		00010	610MF	VS6-	1.05	0.48		0	<20	P 2
107	34	H	TSH-TSH	TSH-TSH		00125	610BC						NDD	
		C	TEC-TEH	TEC-TEH		00011	610MF	BW1+	1.76	0.59		0	21	P 2
111	34	H	TSH-TSH	TSH-TSH		00125	610BC						NDD	
		C	TEC-TEH	TEC-TEH		00064	610MF	BW1+	1.79	0.56		0	28	P 2
121	34	H	TSH-TSH	TSH-TSH		00124	610BC						NDD	
		C	TEC-TEH	TEC-TEH		00008	610MF	BW1+	2.06	0.76		0	<20	P 2
58	35	H	TSH-TSH	TSH-TSH		00037	600BC						NDD	
		C	TEC-TEH	TEC-TEH		00010	610MF	BW1+	2.02	0.87		0	23	P 2
60	35	H	TSH-TSH	TSH-TSH		00038	600BC						NDD	
		C	TEC-TEH	TEC-TEH		00011	610MF	BW1+	1.99	0.22		0	<20	P 2
84	35	H	TSH-TSH	TSH-TSH		00125	610BC						NDD	
		C	TEC-TEH	TEC-TEH		00011	610MF	BW1-	1.87	0.54		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00011	610MF	BW1+	1.60	1.00		0	25	P 2
88	35	H	TSH-TSH	TSH-TSH		00125	610BC						NDD	
		C	TEC-TEH	TEC-TEH		00011	610MF	BW1+	1.81	0.83		0	22	P 2
90	35	H	TSH-TSH	TSH-TSH		00124	610BC						NDD	
		C	TEC-TEH	TEC-TEH		00010	610MF	BW1+	1.95	0.53		0	<20	P 2
102	35	C	VS6-VS6	VS6-VS6		00071	580BC						NDD	
		H	TSH-TSH	TSH-TSH		00124	610BC						NDD	
		C	TEC-TEH	TEC-TEH		00010	610MF	VS6+	0.74	5.02		0	DSI	P 2
120	35	H	TSH-TSH	TSH-TSH		00125	610BC						NDD	
		C	TEC-TEH	TEC-TEH		00011	610MF	BW1+	1.81	0.17		0	<20	P 2
57	36	H	TSH-TSH	TSH-TSH		00037	600BC						NDD	
		C	TEC-TEH	TEC-TEH		00010	610MF	BW1+	1.78	0.20		0	<20	P 2
61	36	H	TSH-TSH	TSH-TSH		00037	600BC						NDD	
		C	TEC-TEH	TEC-TEH		00010	610MF	BW2+	1.64	0.46		0	<20	P 2
65	36	H	TSH-TSH	TSH-TSH		00037	600BC						NDD	
		C	TEC-TEH	TEC-TEH		00010	610MF	BW2-	1.58	0.24		0	<20	P 2
79	36	H	TSH-TSH	TSH-TSH		00124	610BC						NDD	
		C	TEC-TEH	TEC-TEH		00010	610MF	BW1-	2.06	0.34		0	<20	P 2
81	36	H	TSH-TSH	TSH-TSH		00125	610BC						NDD	
		C	TEC-TEH	TEC-TEH		00010	610MF	08H-	0.90	0.54		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00010	610MF	BW1+	1.78	0.54		0	<20	P 2
83	36	H	TSH-TSH	TSH-TSH		00124	610BC						NDD	

MID CYCLE

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STEAM GENERATOR : 32
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SELECTION VARIABLES: Percent

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ROW	LIN	LEG	EXAM PROGRAM	EXTENT ACTUAL	EXP	CAL	PROBE	LOCATION	VOLTS	CURRENT MIL	DEG	%	CH
83	36	C	TEC-TEH	TEC-TEH		00010	610MF	BW1+ 1.94	0.29		0	<20	P 2
85	36	H	TSH-TSH	TSH-TSH		00125	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00010	610MF	08H- 0.25	0.27		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00010	610MF	08H+ 0.92	0.49		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00010	610MF	BW1+ 1.45	1.14		0	24	P 2
		C	TEC-TEH	TEC-TEH		00010	610MF	BW2+ 1.73	0.19		0	<20	P 2
87	36	H	TSH-TSH	TSH-TSH		00124	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00010	610MF	08H+ 0.93	0.68		0	20	P 2
		C	TEC-TEH	TEC-TEH		00010	610MF	BW1+ 1.74	0.77		0	21	P 2
89	36	H	TSH-TSH	TSH-TSH		00125	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00010	610MF	BW1+ 1.60	1.04		0	26	P 2
91	36	H	TSH-TSH	TSH-TSH		00124	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00010	610MF	08H+ 0.99	0.37		0	<20	P 2
109	36	H	TSH-TSH	TSH-TSH		00125	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00010	610MF	BW1+ 1.31	0.65		0	<20	P 2
113	36	H	TSH-TSH	TSH-TSH		00125	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00011	610MF	BW1+ 1.91	0.43		0	<20	P 2
60	37	H	TSH-TSH	TSH-TSH		00037	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00011	610MF	BW1+ 2.02	0.22		0	<20	P 2
64	37	H	TSH-TSH	TSH-TSH		00037	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00011	610MF	BW2- 1.46	0.19		0	<20	P 2
70	37	H	TSH-TSH	TSH-TSH		00037	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00010	610MF	BW1- 1.87	0.39		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00010	610MF	BW1+ 1.75	0.39		0	<20	P 2
80	37	H	TSH-TSH	TSH-TSH		00125	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00011	610MF	08H+ 0.90	0.44		0	<20	P 2
100	37	H	TSH-TSH	TSH-TSH		00125	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00011	610MF	BW1+ 1.86	0.39		0	<20	P 2
114	37	H	TSH-TSH	TSH-TSH		00124	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00010	610MF	08H+ 0.61	0.63		0	<20	P 2
57	38	H	TSH-TSH	TSH-TSH		00040	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00010	610MF	BW1- 1.88	0.29		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00010	610MF	BW1+ 1.78	0.70		0	20	P 2
59	38	H	TSH-TSH	TSH-TSH		00039	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00011	610MF	BW1+ 1.98	0.20		0	<20	P 2
69	38	H	TSH-TSH	TSH-TSH		00040	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00010	610MF	BW1- 1.76	0.34		0	<20	P 2
71	38	H	TSH-TSH	TSH-TSH		00125	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00011	610MF	BW1+ 1.85	0.37		0	<20	P 2
75	38	H	TSH-TSH	TSH-TSH		00125	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00011	610MF	BW1- 1.73	0.29		0	<20	P 2
79	38	H	TSH-TSH	TSH-TSH		00125	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00011	610MF	08H- 0.84	0.61		0	<20	P 2
81	38	H	TSH-TSH	TSH-TSH		00124	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00010	610MF	BW1+ 1.99	0.41		0	<20	P 2

MID CYCLE

CUMULATIVE REPORT
12/93, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

STEAM GENERATOR : 32
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

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ROW	LIN	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION	CURRENT				
			PROGRAM	ACTUAL					VOLTS	MIL	DEG	%	CH
89	38	H	TSH-TSH	TSH-TSH		00124	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00010	610MF	BW1- 2.14	0.54		0	<20	P 2
91	38	H	TSH-TSH	TSH-TSH		00125	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00011	610MF	07H- 0.84	0.36		0	<20	P 2
117	38	H	TSH-TSH	TSH-TSH		00124	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00010	610MF	09H- 0.91	1.41		0	32	P 2
		C	TEC-TEH	TEC-TEH		00010	610MF	09H+ 0.82	1.14		0	28	P 2
119	38	H	-	-		00000						TBP	
		H	TSH-TSH	TSH-TSH		00125	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00064	610MF	09H- 1.13	1.55		0	PID	P 2
		C	TEC-TEH	TEC-TEH		00011	610MF	09H- 1.11	1.69		0	35	P 2
		H	09H-09H	09H-09H		00089	600BC	09H- 0.83	1.60		0	28	P 2
		C	TEC-TEH	TEC-TEH		00011	610MF	BW1+ 1.63	0.44		0	<20	P 2
56	39	H	TSH-TSH	TSH-TSH		00039	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00011	610MF	BW1+ 2.15	0.35		0	<20	P 2
58	39	H	TSH-TSH	TSH-TSH		00040	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00010	610MF	BW1- 1.87	0.60		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00010	610MF	BW1+ 2.03	0.86		0	22	P 2
64	39	H	TSH-TSH	TSH-TSH		00039	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00011	610MF	BW1- 1.99	0.36		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00011	610MF	BW2- 1.72	0.27		0	<20	P 2
68	39	H	TSH-TSH	TSH-TSH		00039	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00011	610MF	BW1+ 1.56	0.31		0	<20	P 2
72	39	H	TSH-TSH	TSH-TSH		00125	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00011	610MF	BW1- 1.86	0.41		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00011	610MF	BW1+ 1.68	0.36		0	<20	P 2
74	39	H	TSH-TSH	TSH-TSH		00124	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00010	610MF	BW1+ 1.78	0.36		0	<20	P 2
84	39	H	TSH-TSH	TSH-TSH		00124	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00011	610MF	BW1+ 1.82	0.41		0	<20	P 2
88	39	H	TSH-TSH	TSH-TSH		00124	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00011	610MF	BW2- 1.68	0.36		0	<20	P 2
102	39	C	VS6-VS6	VS6-VS6		00071	580BC					NDD	
		H	TSH-TSH	TSH-TSH		00125	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00010	610MF	VS6+ 1.25	2.55		0	DSI	P 2
112	39	H	TSH-TSH	TSH-TSH		00124	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00011	610MF	BW2- 1.54	0.27		0	<20	P 2
120	39	H	TSH-TSH	TSH-TSH		00124	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00011	610MF	09H- 0.72	1.02		0	28	P 2
126	39	H	TSH-TSH	TSH-TSH		00124	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00010	610MF	BW1+ 2.10	0.29		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00010	610MF	VS1- 0.71	23.64		175	DNT	P 1
55	40	H	TSH-TSH	TSH-TSH		00006	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00011	610MF	BW1+ 1.89	0.27		0	<20	P 2
59	40	H	TSH-TSH	TSH-TSH		00006	610BC					NDD	

MID CYCLE

CUMULATIVE REPORT
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STEAM GENERATOR : 32
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

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ROW	LIN	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION	CURRENT				
			PROGRAM	ACTUAL					VOLTS	MIL	DEG	%	CH
59	40	C	TEC-TEH	TEC-TEH		00010	610MF	BW1+ 2.03	0.53		0	<20	P 2
63	40	H	TSH-TSH	TSH-TSH		00006	610BC					NDD	
		H	BW1-VS3	BW1-VS3		00088	580BC					NDD	
		C	TEC-TEH	TEC-TEH		00010	610MF	BW1+ 3.29	0.44		135	NQI	P 1
67	40	H	TSH-TSH	TSH-TSH		00006	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00010	610MF	BW1+ 1.89	0.63		0	<20	P 2
73	40	H	TSH-TSH	TSH-TSH		00047	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00011	610MF	BW1- 2.33	0.32		0	<20	P 2
81	40	H	TSH-TSH	TSH-TSH		00047	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00011	610MF	BW1+ 2.02	0.39		0	<20	P 2
85	40	H	TSH-TSH	TSH-TSH		00047	610BC					NDD	
		H	-	-		00000						TBP	
		C	TEC-TEH	TEC-08H		00065	610MF	VS3+ 0.93	3.18		0	PID	P 2
		C	TEC-TEH	TEC-TEH		00064	610MF	VS3+ 1.08	3.41		0	45	P 2
		C	TEC-TEH	TEC-TEH		00064	610MF	VS5- 0.77	0.80		0	27	P 2
87	40	H	TSH-TSH	TSH-TSH		00046	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00010	610MF	BW1+ 1.88	0.85		0	23	P 2
		C	TEC-TEH	TEC-TEH		00010	610MF	BW2+ 1.66	0.22		0	<20	P 2
89	40	H	TSH-TSH	TSH-TSH		00047	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00011	610MF	BW1+ 2.06	0.95		0	24	P 2
91	40	H	TSH-TSH	TSH-TSH		00046	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00010	610MF	BW1+ 2.05	0.49		0	<20	P 2
107	40	H	TSH-TSH	TSH-TSH		00046	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00010	610MF	08H+ 0.95	0.29		0	<20	P 2
111	40	H	TSH-TSH	TSH-TSH		00046	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00011	610MF	BW1+ 1.89	0.27		0	<20	P 2
115	40	H	TSH-TSH	TSH-TSH		00046	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00011	610MF	BW1+ 1.65	0.19		0	<20	P 2
117	40	H	TSH-TSH	TSH-TSH		00047	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00010	610MF	09H+ 1.30	0.37		0	<20	P 2
119	40	H	TSH-TSH	TSH-TSH		00046	610BC					NDD	
		H	BW1-VS2	BW1-VS2		00088	580BC					NDD	
		C	TEC-TEH	TEC-TEH		00011	610MF	BW1+ 3.14	0.41		128	NQI	P 1
129	40	H	TSH-TSH	TSH-TSH		00046	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00010	610MF	09H+ 0.89	0.34		0	<20	P 2
126	41	H	TSH-TSH	TSH-TSH		00046	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00010	610MF	09H+ 0.09	0.49		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00010	610MF	09H+ 0.72	0.94		0	25	P 2
		C	TEC-TEH	TEC-TEH		00010	610MF	VS1- 0.50	8.79		183	INR	5
97	42	H	TSH-TSH	TSH-TSH		00046	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00012	610MF	VS2+ 0.67	0.55		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00012	610MF	VS3+ 0.92	21.51		177	DNT	P 1
99	42	H	TSH-TSH	TSH-TSH		00047	610BC					NDD	
		C	BW2-BW2	BW2-BW2		00071	580BC					NDD	
		C	TEC-TEH	TEC-TEH		00012	610MF	BW2- 1.13	0.51		37	NQI	P 1

MID CYCLE

CUMULATIVE REPORT
12/93, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

STEAM GENERATOR : 32
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

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ROW	LIN	LEG	EXAM	EXTENT	ACTUAL	EXP	CAL	PROBE	LOCATION	VOLTS	MIL	DEG	%	CH
103	42	H	TSH-TSH	TSH-TSH			00047	610BC					NDD	
		C	TEC-TEH	TEC-TEH			00064	610MF	VS2- 0.82	0.23		0	<20	P 2
119	42	C	TEC-TEH	TEC-TEH			00010	610MF					NDD	
		H	TSH-TSH	TSH-TSH			00047	610BC					NDD	
		H	BW1-VS2	BW1-VS2			00002	580BC	BW1- 1.71	0.36		0	<20	P 2
		H	BW1-VS2	BW1-VS2			00002	580BC	BW1+ 1.54	0.40		0	<20	P 2
91	44	H	TSH-TSH	TSH-TSH			00047	610BC					NDD	
		C	TEC-TEH	TEC-TEH			00012	610MF	VS5- 0.77	0.34		0	<20	P 2
102	45	H	TSH-TSH	TSH-TSH			00046	610BC					NDD	
		C	TEC-TEH	TEC-TEH			00013	610MF	VS2+ 0.88	0.53		0	<20	P 2
106	45	H	TSH-TSH	TSH-TSH			00046	610BC					NDD	
		C	TEC-TEH	TEC-TEH			00012	610MF	BW1+ 2.23	0.32		0	<20	P 2
108	45	H	TSH-TSH	TSH-TSH			00047	610BC					NDD	
		C	TEC-TEH	TEC-TEH			00012	610MF	BW1+ 1.99	0.63		0	<20	P 2
85	46	H	TSH-TSH	TSH-TSH			00046	610BC					NDD	
		H	-	-			00000						TBP	
		C	VS5-VS5	VS5-VS5			00071	580BC	VS5- 0.72	1.93		0	29	P 2
		C	TEC-TEH	TEC-TEH			00017	610MF	VS5- 0.62	0.79		0	23	P 2
		C	VS5-VS5	VS5-VS5			00071	580BC	VS5+ 0.00	2.37		0	34	P 2
		C	TEC-TEH	TEC-TEH			00017	610MF	VS5+ 0.05	0.90		0	25	P 2
		C	TEC-TEH	TEC-TEH			00017	610MF	VS5+ 0.62	1.77		0	35	P 2
		C	VS5-VS5	VS5-VS5			00071	580BC	VS5+ 0.65	4.59		0	48	P 2
		C	TEC-TEH	TEC-TEH			00063	610MF	VS5+ 0.84	2.87		0	PID	P 2
113	46	H	BW1-VS2	BW1-VS2			00014	580BC					NDD	
		H	TSH-TSH	TSH-TSH			00046	610BC					NDD	
		C	TEC-TEH	TEC-TEH			00018	610MF	BW1- 1.67	0.76		0	<20	P 2
100	47	H	TSH-TSH	TSH-TSH			00046	610BC					NDD	
		H	-	-			00000						TBP	
		H	VS2-VS3	VS2-VS3			00088	580BC	VS2+ 3.27	0.50		0	SVI	P 2
		C	TEC-TEH	TEC-TEH			00018	610MF	VS2+ 3.52	0.43		147	NQI	P 1
		C	TEC-TEH	TEC-TEH			00077	610MF	VS2+ 3.52	0.17		137	PID	P 1
110	47	C	TEC-TEH	TEC-TEH			00017	610MF					NDD	
		H	TSH-TSH	TSH-TSH			00047	610BC					NDD	
		H	BW1-VS2	BW1-VS2			00014	580BC	BW1- 4.77to+ 3.06	1.15		0	BOW	7.
		H	BW1-VS2	BW1-VS2			00014	580BC	BW1+ 1.71	0.45		0	<20	P 2
118	47	C	TEC-TEH	TEC-TEH			00017	610MF					NDD	
		H	TSH-TSH	TSH-TSH			00047	610BC					NDD	
		H	BW1-VS2	BW1-VS2			00014	580BC	BW1+ 1.63	0.45		0	<20	P 2
132	47	H	TSH-TSH	TSH-TSH			00046	610BC					NDD	
		C	TEC-TEH	TEC-TEH			00018	610MF	09H- 0.86	0.74		0	<20	P 2
		C	TEC-TEH	TEC-TEH			00018	610MF	BW1+ 2.08	0.35		0	<20	P 2
97	48	H	TSH-TSH	TSH-TSH			00046	610BC					NDD	
		C	TEC-TEH	TEC-TEH			00018	610MF	VS5- 0.81	0.49		0	<20	P 2
		C	TEC-TEH	TEC-TEH			00018	610MF	VS5+ 1.12	0.49		0	<20	P 2
103	48	C	TEC-TEH	TEC-TEH			00017	610MF					BDA	

MID CYCLE

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STEAM GENERATOR : 32
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

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ROW	LIN	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION	CURRENT				
			PROGRAM	ACTUAL					VOLTS	MIL	DEG	%	CH
103	48	H	TSH-TSH	TSH-TSH		00047	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00063	610MF	VS2- 0.66	0.87		0	26	P 2
		C	TEC-TEH	TEC-TEH		00063	610MF	VS2+ 0.97	0.81		0	25	P 2
		C	TEC-TEH	TEC-TEH		00063	610MF	VS3- 0.58	0.63		0	21	P 2
		C	TEC-TEH	TEC-TEH		00063	610MF	VS3+ 1.19	0.94		0	27	P 2
		C	TEC-TEH	TEC-TEH		00063	610MF	VS5- 1.05	0.87		0	26	P 2
105	48	H	TSH-TSH	TSH-TSH		00046	610BC					NDD	
		C	06C-07C	06C-07C		00069	600BC	06C+ 12.04	0.45		0	SVI	1
		C	06C-07C	06C-07C		00073	600BC	06C+ 11.73	0.42		0	PID	1
		C	06C-07C	06C-07C		00069	600BC	06C+ 10.04	0.80		0	SVI	1
		C	TEC-TEH	TEC-TEH		00018	610MF	06C+ 9.92	0.46	155		<20	1
		C	06C-07C	06C-07C		00069	600BC	06C+ 8.46	0.60		0	SVI	1
115	48	H	BW1-VS2	BW1-VS2		00016	580BC					NDD	
		H	TSH-TSH	TSH-TSH		00047	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00017	610MF	VS3- 0.98	0.64		0	<20	P 2
127	48	H	TSH-TSH	TSH-TSH		00047	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00063	610MF					NDD	
		C	TEC-TEH	TEC-TSH		00017	610MF	TSH+ 1.09	1.47	148		NQI	P 1
131	48	H	TSH-TSH	TSH-TSH		00047	610BC					NDD	
		H	09H-BW1	09H-BW1		00089	600BC	09H+ 0.82	0.77		0	<20	P 2
		C	TEC-TEH	TEC-TSH		00017	610MF	09H+ 0.89	0.56		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00063	610MF	09H+ 0.94	0.83		0	25	P 2
		C	TEC-TEH	TEC-TSH		00017	610MF	09H+ 14.15	1.11	156		NQI	1
128	49	H	TSH-TSH	TSH-TSH		00046	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00018	610MF	BW2+ 2.01	0.76		0	<20	P 2
132	49	H	TSH-TSH	TSH-TSH		00046	610BC					NDD	
		H	09H-BW1	09H-BW1		00089	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00018	610MF	09H+ 15.83	0.43	171		NQI	1
		C	TEC-TEH	TEC-TEH		00018	610MF	09H+ 18.15	0.49	138		NQI	1
138	49	H	TSH-TSH	TSH-TSH		00046	610BC					NDD	
		H	09H-BW1	09H-BW1		00089	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00018	610MF	09H+ 17.64	0.33	100		NQI	1
		C	TEC-TEH	TEC-TEH		00018	610MF	09H+ 18.86	0.41	88		NQI	1
		C	TEC-TEH	TEC-TEH		00018	610MF	09H+ 19.79	0.70	148		NQI	1
97	50	H	TSH-TSH	TSH-TSH		00047	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00063	610MF	VS5+ 0.97	0.80		0	24	P 2
107	50	H	TSH-TSH	TSH-TSH		00046	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00020	610MF	08H- 0.79	0.58		0	<20	P 2
99	52	H	TSH-TSH	TSH-TSH		00047	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00063	610MF	VS2- 0.74	0.52		0	<20	P 2
121	52	H	TSH-TSH	TSH-TSH		00046	610BC					NDD	
		C	BW2-VS6	BW2-VS6		00071	580BC					NDD	
		C	TEC-TEH	TEC-TEH		00020	610MF	VS6+ 5.54	0.32	101		NQI	P 1
116	53	H	TSH-TSH	TSH-TSH		00047	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00063	610MF	09H- 0.38	0.83		0	25	P 2

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STEAM GENERATOR : 32
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SELECTION VARIABLES: Percent

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ROW	LIN	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION	CURRENT				
			PROGRAM	ACTUAL					VOLTS	MIL	DEG	%	CH
122	53	H	TSH-TSH	TSH-TSH		00046	610BC					NDD	
		C	01C-01C	01C-01C		00069	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00020	610MF	01C+ 0.69	0.75		20	DSI	P 1
107	54	H	TSH-TSH	TSH-TSH		00048	610BC					NDD	
		C	01C-01C	01C-01C		00069	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00020	610MF	01C- 0.03	0.16		97	DSI	P 1
115	54	H	TSH-TSH	TSH-TSH		00048	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00020	610MF	BW1+ 1.62	0.36		0	<20	P 2
117	54	H	TSH-TSH	TSH-TSH		00049	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00019	610MF	09H+ 0.14	0.85		0	24	P 2
119	54	H	TSH-TSH	TSH-TSH		00048	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00020	610MF	09H- 0.56	0.31		0	<20	P 2
108	55	H	TSH-TSH	TSH-TSH		00049	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00020	610MF	BW1- 1.71	0.81		0	<20	P 2
120	55	H	TSH-TSH	TSH-TSH		00049	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00020	610MF	09H- 0.86	0.69		0	<20	P 2
144	55	H	TSH-TSH	TSH-TSH		00049	610BC					NDD	
		H	09H-BW1	09H-BW1		00086	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00020	610MF	09H+ 24.83	0.52		22	NQI	P 1
107	56	H	TSH-TSH	TSH-TSH		00048	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00019	610MF	08H- 0.63	0.58		0	<20	P 2
09	56	H	TSH-TSH	TSH-TSH		00049	610BC					NDD	
		H	-	-		00000						TBP	
		C	TEC-TEH	TEC-TEH		00020	610MF	08H+ 0.64	0.42		0	<20	P 2
		H	BW1-BW1	BW1-BW1		00088	580BC	BW1- 3.01TO+ 2.18	2.17		0	BOW	7
		C	TEC-TEH	TEC-TEH		00020	610MF	BW1- 2.55	0.20		98	NQI	P 1
		H	BW1-BW1	BW1-BW1		00088	580BC	BW1- 2.22	0.70		0	SVI	P 2
		C	TEC-TEH	TEC-TEH		00077	610MF	BW1- 2.22	0.19		63	PID	P 1
111	56	H	TSH-TSH	TSH-TSH		00048	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00063	610MF	08H- 0.74	0.52		0	<20	P 2
123	56	H	TSH-TSH	TSH-TSH		00048	610BC					NDD	
		H	VS3-VS5	VS3-VS5		00088	580BC					NDD	
		C	TEC-TEH	TEC-TEH		00019	610MF	VS3+ 33.19	0.29		103	NQI	P 1
139	56	H	TSH-TSH	TSH-TSH		00048	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00019	610MF	BW1+ 2.09	0.26		0	<20	P 2
145	56	C	TEC-TEH	TEC-TEH		00020	610MF					NDD	
		H	TSH-TSH	TSH-TSH		00049	610BC					NDD	
		C	TEC-TSC	TEC-TSC		00069	600BC					NDD	
		H	-	-		99999	610UL	TSC+ 0.0	0.40		63	NTE	3
110	57	H	TSH-TSH	TSH-TSH		00048	610BC					NDD	
		H	08H-BW1	08H-BW1		00089	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00022	610MF	08H+ 37.72	0.51		155	NQI	P 1
124	57	H	TSH-TSH	TSH-TSH		00049	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00022	610MF	09H+ 0.77	0.51		0	<20	P 2
140	57	H	TSH-TSH	TSH-TSH		00049	610BC					NDD	

MID CYCLE

CUMULATIVE REPORT
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STEAM GENERATOR : 32
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

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ROW	LIN	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION	CURRENT				
			PROGRAM	ACTUAL					VOLTS	MIL	DEG	%	CH
140	57	C	TEC-TEH	TEC-TEH		00020	610MF	BW1+ 1.78	0.40		0	<20	P 2
144	57	H	TSH-TSH	TSH-TSH		00049	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00020	610MF	08H+ 0.77	0.36		0	<20	P 2
114	59	H	TSH-TSH	TSH-TSH		00049	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00023	610MF	08H+ 0.86	0.44		0	<20	P 2
116	59	H	TSH-TSH	TSH-TSH		00048	610BC					NDD	
		H	-	-		00000						TBP	
		H	08H-BW1	08H-BW1		00089	610BC	08H+ 15.68TO+ 46.15	2.22		0	BOW	7
		H	08H-BW1	08H-BW1		00089	600BC	08H+ 31.11TO+ 42.66	0.55		0	PDP	11
		C	TEC-TEH	TEC-TEH		00021	610MF	08H+ 35.67	0.57		137	NQI	P 1
		H	08H-BW1	08H-09H		00090	600BC	08H+ 35.92	0.49		0	PID	P 2
		H	08H-BW1	08H-BW1		00089	600BC	08H+ 36.45	0.64		0	SVI	P 2
		H	TEH-TEC	TEH-TEC		00021	610MF	09H- 1.63	0.53		0	<20	P 2
		H	08H-BW1	08H-BW1		00089	600BC	09H- 1.38	0.60		0	<20	P 2
118	59	H	TSH-TSH	TSH-TSH		00049	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00023	610MF	09H- 1.54	0.52		0	<20	P 2
117	60	H	TSH-TSH	TSH-TSH		00049	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00023	610MF	09H- 0.84	0.75		0	<20	P 2
125	60	H	TSH-TSH	TSH-TSH		00049	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00023	610MF	07H- 0.85	0.68		0	<20	P 2
124	61	H	TSH-TSH	TSH-TSH		00050	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00023	610MF	09H+ 0.76	0.31		0	<20	P 2
148	61	H	TSH-TSH	TSH-TSH		00049	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00023	610MF	08H+ 0.87	0.25		0	<20	P 2
117	62	H	TSH-TSH	TSH-TSH		00051	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00021	610MF	BW1+ 1.73	0.32		0	<20	P 2
149	62	H	TSH-TSH	TSH-TSH		00051	610BC					NDD	
		H	BW1-VS1	BW1-VS1		00088	580BC					NDD	
		C	TEC-TEH	TEC-TEH		00023	610MF	BW1+ 3.05	0.69		52	NQI	P 1
110	63	C	TEC-TEH	TEC-TEH		00024	610MF					BDA	
		H	TSH-TSH	TSH-TSH		00051	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00063	610MF	VS2- 0.59	0.31		0	<20	P 2
124	63	H	TSH-TSH	TSH-TSH		00051	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00023	610MF	09H- 0.15	1.25		0	27	P 2
128	63	H	TSH-TSH	TSH-TSH		00051	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00023	610MF	VS1+ 0.63	0.66		0	<20	P 2
146	63	H	TSH-TSH	TSH-TSH		00051	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00023	610MF	VS1+ 0.63	0.81		0	<20	P 2
148	63	H	TSH-TSH	TSH-TSH		00050	610BC					BDA	
		H	TSH-TSH	TSH-TSH		00085	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00023	610MF	VS7- 0.96	0.98		0	22	P 2
113	64	H	TSH-TSH	TSH-TSH		00051	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00023	610MF	BW2- 1.36	0.64		0	<20	P 2
117	64	H	-	-		00000						TBP	
		H	TSH-TSH	TSH-TSH		00051	610BC					NDD	

MID CYCLE

CUMULATIVE REPORT
12/93, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

STEAM GENERATOR : 32
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

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ROW	LIN	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION	CURRENT				
			PROGRAM	ACTUAL					VOLTS	MIL	DEG	%	CH
117	64	C	TEC-TEH	TEC-TEH		00023	610MF	09H- 0.78	2.70		0	41	P 2
		C	TEC-TEH	TEC-TEH		00060	610MF	09H- 0.67	2.88		0	PID	P 2
		H	09H-09H	09H-09H		00089	600BC	09H- 0.67	3.30		0	40	P 2
119	64	C	TEC-TEH	TEC-TEH		00024	610MF					BDA	
		H	TSH-TSH	TSH-TSH		00052	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00063	610MF	09H+ 0.88	0.51		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00063	610MF	VS5+ 0.80	0.31		0	<20	P 2
123	64	C	TEC-TEH	TEC-TEH		00024	610MF					BDA	
		H	TSH-TSH	TSH-TSH		00052	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00063	610MF	09H- 0.91	0.13		0	<20	P 2
127	64	C	TEC-TEH	TEC-TEH		00024	610MF					BDA	
		H	TSH-TSH	TSH-TSH		00052	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00063	610MF	09H+ 0.97	1.79		0	36	P 2
		C	TEC-TEH	TEC-07H		00065	610MF	09H+ 0.99	1.61		0	PID	P 2
118	65	H	TSH-TSH	TSH-TSH		00051	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00023	610MF	09H- 0.72	0.69		0	<20	P 2
120	65	C	TEC-TEH	TEC-TEH		00024	610MF					BDA	
		H	TSH-TSH	TSH-TSH		00052	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00063	610MF	09H- 0.85	0.40		0	<20	P 2
124	65	C	TEC-TEH	TEC-TEH		00024	610MF					BDA	
		H	TSH-TSH	TSH-TSH		00052	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00063	610MF	09H+ 0.97	0.54		0	<20	P 2
1	66	H	TSH-01H	TSH-01H		00101	600BC	TSH+ 0.00	1.44		0	PID	P 2
		H	TSH-01H	TSH-TSH		00042	610BC	TSH+ 0.06	3.35		0	PLI	1
		H	TSH-01H	TSH-TSH		00085	600BC	TSH+ 0.06	1.94		0	PID	1
115	66	H	TSH-TSH	TSH-TSH		00052	610BC					NDD	
		H	05H-06H	05H-06H		00089	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00023	610MF	05H+ 38.97	3.20		0	DEP	8
		C	TEC-TEH	TEC-TEH		00023	610MF	05H+ 38.97	0.33		77	NQI	P 1
119	66	H	TSH-TSH	TSH-TSH		00052	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00023	610MF	09H- 1.00	0.46		0	<20	P 2
123	66	H	TSH-TSH	TSH-TSH		00052	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00023	610MF	09H- 0.81	1.14		0	24	P 2
147	66	H	TSH-TSH	TSH-TSH		00052	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00023	610MF	BW1- 1.74	1.18		0	26	P 2
149	66	H	TSH-TSH	TSH-TSH		00051	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00024	610MF	VS1- 0.74	0.23		0	<20	P 2
126	67	H	TSH-TSH	TSH-TSH		00051	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00026	610MF	VS7+ 1.03	0.38		0	<20	P 2
129	68	H	TSH-TSH	TSH-TSH		00051	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00026	610MF	VS5- 0.93	0.42		0	<20	P 2
131	68	H	TSH-TSH	TSH-TSH		00052	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00025	610MF	09H+ 0.89	0.79		0	<20	P 2
116	69	H	TSH-TSH	TSH-TSH		00051	610BC					NDD	
		H	01H-01H	01H-01H		00089	600BC					NDD	

MID CYCLE

CUMULATIVE REPORT
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STEAM GENERATOR : 32
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ROW	LIN	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION	CURRENT				
			PROGRAM	ACTUAL					VOLTS	MIL	DEG	%	CH
116	69	C	TEC-TEH	TEC-TEH		00027	610MF	01H- 0.39	0.46		0	<20	P 2
118	69	H	TSH-TSH	TSH-TSH		00052	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00028	610MF	09H- 0.74	0.28		0	<20	P 2
120	69	H	TSH-TSH	TSH-TSH		00051	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00027	610MF	09H- 0.89	0.84		0	21	P 2
132	69	H	TSH-TSH	TSH-TSH		00051	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00027	610MF	09H+ 1.01	1.14		0	26	P 2
140	69	C	TEC-TEH	TEC-TEH		00027	610MF					BDA	
		H	TSH-TSH	TSH-TSH		00051	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00063	610MF	VS7+ 0.78	0.23		0	<20	P 2
148	69	H	TSH-TSH	TSH-TSH		00051	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00026	610MF	BW1- 1.86	0.70		0	22	P 2
		C	TEC-TEH	TEC-TEH		00026	610MF	BW1+ 1.86	0.50		0	<20	P 2
152	69	H	TSH-TSH	TSH-TSH		00051	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00026	610MF	VS3- 0.79	0.63		0	20	P 2
119	70	H	TSH-TSH	TSH-TSH		00051	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00027	610MF	09H- 1.02	0.50		0	<20	P 2
129	70	H	TSH-TSH	TSH-TSH		00052	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00028	610MF	BW2- 1.95	0.55		0	<20	P 2
149	70	H	TSH-TSH	TSH-TSH		00052	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00028	610MF	BW1+ 1.93	0.67		0	21	P 2
		C	TEC-TEH	TEC-TEH		00028	610MF	VS3- 0.03	0.43		0	<20	P 2
151	70	H	TSH-TSH	TSH-TSH		00051	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00027	610MF	08H+ 0.78	0.62		0	<20	P 2
114	71	H	TSH-TSH	TSH-TSH		00051	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00028	610MF	VS3- 0.70	0.31		0	<20	P 2
116	71	H	TSH-TSH	TSH-TSH		00052	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00028	610MF	VS5- 0.71	0.42		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00028	610MF	VS6+ 0.86	0.22		0	<20	P 2
120	71	H	TSH-TSH	TSH-TSH		00052	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00028	610MF	VS6- 0.61	0.28		0	<20	P 2
122	71	H	TSH-TSH	TSH-TSH		00051	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00027	610MF	BW1+ 2.04	0.68		0	<20	P 2
150	71	H	TSH-TSH	TSH-TSH		00051	610BC					NDD	
		H	-	-		00000						TBP	
		C	TEC-TEH	TEC-TEH		00063	610MF	BW1+ 1.65	1.55		0	PID	P 2
		C	TEC-TEH	TEC-TEH		00027	610MF	BW1+ 1.76	1.37		0	28	P 2
		H	BW1-BW1	BW1-BW1		00088	580BC	BW1+ 2.06	3.25		0	40	P 2
152	71	H	TSH-TSH	TSH-TSH		00052	610BC					NDD	
		H	BW1-VS1	BW1-VS1		00088	580BC					NDD	
		C	TEC-TEH	TEC-TEH		00028	610MF	09H+ 0.93	0.54		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00028	610MF	BW1+ 3.41	0.51		98	NQI	1
154	71	H	TSH-TSH	TSH-TSH		00051	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00027	610MF	03C+ 0.74	0.69		0	<20	P 2
135	72	H	TSH-TSH	TSH-TSH		00052	610BC					NDD	

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STEAM GENERATOR : 32
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SELECTION VARIABLES: Percent

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ROW	LIN	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION	VOLTS	CURRENT			
			PROGRAM	ACTUAL						MIL	DEG	%	CH
135	72	C	BW2-VS7	BW2-VS7		00071	580BC					NDD	
		C	TEC-TEH	TEC-TEH		00027	610MF	VS7+ 10.58	0.27		104	NQI	P 1
143	72	H	TSH-TSH	TSH-TSH		00053	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00027	610MF	BW1- 1.22	0.36		0	<20	P 2
151	72	H	TSH-TSH	TSH-TSH		00053	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00027	610MF	BW1+ 1.49	1.32		0	28	P 2
116	73	H	TSH-TSH	TSH-TSH		00052	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00028	610MF	BW2- 2.54	0.37		0	<20	P 2
148	73	H	TSH-TSH	TSH-TSH		00052	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00028	610MF	BW1+ 1.63	0.94		0	26	P 2
152	73	H	TSH-TSH	TSH-TSH		00052	610BC					NDD	
		H	-	-		00000						TBP	
		H	BW1-VS1	BW1-VS1		00088	580BC	BW1- 3.26TO- 1.33	0.84		0	PDP	11
		H	BW1-VS1	BW1-VS1		00088	580BC	BW1- 0.39TO+ 3.94	0.50		0	PDP	11
		H	BW1-VS1	BW1-VS1		00088	580BC	BW1- 0.14TO+ 3.13	0.84		0	BOW	7
		H	BW1-VS1	BW1-VS1		00088	580BC	BW1+ 3.10	0.99		0	SVI	P 2
		C	TEC-TEH	TEC-TEH		00028	610MF	BW1+ 3.20	0.44		74	NQI	P 1
		H	BW1-VS1	BW1-VS1		00091	580BC	BW1+ 3.20	1.12		0	PID	P 2
154	73	H	TSH-TSH	TSH-TSH		00053	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00027	610MF	BW2+ 1.13	0.26		0	<20	P 2
113	74	H	TSH-TSH	TSH-TSH		00053	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00028	610MF	VS5- 0.72	0.32		0	<20	P 2
133	74	H	TSH-TSH	TSH-TSH		00053	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00028	610MF	BW1+ 2.14	0.40		0	<20	P 2
155	74	H	TSH-TSH	TSH-TSH		00053	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00027	610MF	02H- 0.09	0.55		0	<20	P 2
116	75	H	TSH-TSH	TSH-TSH		00054	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00027	610MF	BW2+ 1.66	0.46		0	<20	P 2
134	75	H	TSH-TSH	TSH-TSH		00053	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00028	610MF	VS7+ 0.63	0.43		0	<20	P 2
131	76	H	TSH-TSH	TSH-TSH		00054	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00027	610MF	BW2+ 2.73	0.70		0	<20	P 2
135	76	H	TSH-TSH	TSH-TSH		00054	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00027	610MF	BW2+ 1.78	0.72		0	<20	P 2
153	76	H	TSH-TSH	TSH-TSH		00053	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00028	610MF	BW2- 1.99	0.49		0	<20	P 2
148	77	H	TSH-TSH	TSH-TSH		00053	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00027	610MF	08H- 0.91	1.02		0	24	P 2
115	78	H	TSH-TSH	TSH-TSH		00054	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00029	610MF	BW2+ 2.07	1.51		0	33	P 2
129	78	H	TSH-TSH	TSH-TSH		00053	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00028	610MF	BW2- 2.11	0.56		0	<20	P 2
151	78	H	TSH-TSH	TSH-TSH		00054	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00029	610MF	09H+ 0.64	0.80		0	22	P 2
		C	TEC-TEH	TEC-TEH		00029	610MF	BW2- 1.71	0.88		0	23	P 2

MID CYCLE

CUMULATIVE REPORT
12/93, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

STEAM GENERATOR : 32
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

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ROW	LIN	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION	CURRENT				
			PROGRAM	ACTUAL					VOLTS	MIL	DEG	%	CH
152	79	H	TSH-TSH	TSH-TSH		00053	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00029	610MF	BW1+ 1.97	0.57		0	<20	P 2
154	79	H	TSH-TSH	TSH-TSH		00054	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00028	610MF	BW1+ 2.22	0.45		0	<20	P 2
115	80	H	TSH-TSH	TSH-TSH		00054	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00060	610MF	VS2+ 0.89	0.43		0	<20	P 2
127	80	H	TSH-TSH	TSH-TSH		00054	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00029	610MF	09H+ 0.74	0.50		0	<20	P 2
131	80	H	TSH-TSH	TSH-TSH		00054	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00029	610MF	BW2- 1.36	0.52		0	<20	P 2
133	80	H	TSH-TSH	TSH-TSH		00053	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00029	610MF	VS2+ 0.70	0.54		0	<20	P 2
64	81	H	-	-		00000						TBP	
		C	TEC-TEH	TEC-TEH		00076	610MF					NDD	
		H	TSH-TSH	TSH-TSH		00011	610BC	TSH- 0.13	0.89		ID	SCI	1
		H	TSH-TSH	TSH-TSH		00086	600BC	TSH- 0.13	0.51		0	PID	1
		H	TSH-TSH	TSH-TSH		00129	610BC	TSH+ 0.08	2.36		0	PID	1
138	81	H	TSH-TSH	TSH-TSH		00054	610BC					NDD	
		C	VS7-VS5	VS7-VS5		00071	580BC					NDD	
		C	TEC-TEH	TEC-TEH		00030	610MF	VS7- 2.47	1.17		151	NQI	P 1
146	81	H	TSH-TSH	TSH-TSH		00054	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00030	610MF	VS1- 0.66	0.54		0	22	P 2
		C	TEC-TEH	TEC-TEH		00030	610MF	VS3+ 1.09	0.40		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00030	610MF	VS5- 0.63	0.45		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00030	610MF	VS7+ 0.79	0.49		0	20	P 2
150	81	H	TSH-TSH	TSH-TSH		00054	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00030	610MF	VS1+ 0.75	0.69		0	26	P 2
152	81	H	TSH-TSH	TSH-TSH		00053	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00031	610MF	BW1+ 1.76	0.72		0	<20	P 2
154	81	H	TSH-TSH	TSH-TSH		00054	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00030	610MF	VS3- 0.68	0.43		0	<20	P 2
156	81	H	TSH-TSH	TSH-TSH		00053	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00031	610MF	BW1+ 2.04	0.54		0	<20	P 2
133	82	H	TSH-TSH	TSH-TSH		00054	610BC					NDD	
		H	VS3-VS5	VS3-VS5		00088	580BC					NDD	
		C	TEC-TEH	TEC-TEH		00030	610MF	VS3- 0.70	0.73		0	27	P 2
		C	TEC-TEH	TEC-TEH		00030	610MF	VS3+ 14.32	0.36		53	NQI	1
137	82	C	TEC-TEH	TEC-TEH		00030	610MF					BDA	
		H	TSH-TSH	TSH-TSH		00054	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00063	610MF	BW1+ 1.72	0.40		0	<20	P 2
147	82	H	TSH-TSH	TSH-TSH		00054	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00030	610MF	VS3+ 0.03	0.62		0	25	P 2
149	82	H	TSH-TSH	TSH-TSH		00054	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00030	610MF	VS1+ 0.90	0.68		0	26	P 2
157	82	C	TEC-TEH	TEC-TEH		00030	610MF					BDA	

MID CYCLE

CUMULATIVE REPORT
12/93, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

STEAM GENERATOR : 32
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

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DATE: 12/28/93
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ROW	LIN	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION	CURRENT				
			PROGRAM	ACTUAL					VOLTS	MIL	DEG	%	CH
157	82	H	TSH-TSH	TSH-TSH		00056	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00063	610MF	VS1+ 0.22	0.49		0	<20	P 2
114	83	H	TSH-TSH	TSH-TSH		00056	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00030	610MF	BW1+ 1.91	0.33		0	<20	P 2
124	83	H	TSH-TSH	TSH-TSH		00057	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00030	610MF	VS3+ 0.58	0.61		0	24	P 2
		C	TEC-TEH	TEC-TEH		00030	610MF	BW2- 2.11	0.87		0	24	P 2
128	83	H	TSH-TSH	TSH-TSH		00057	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00030	610MF	BW2- 2.10	0.64		0	20	P 2
136	83	H	TSH-TSH	TSH-TSH		00056	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00030	610MF	BW1+ 2.01	0.46		0	<20	P 2
138	83	H	TSH-TSH	TSH-TSH		00056	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00030	610MF	BW1+ 1.99	0.38		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00030	610MF	BW2- 1.69	0.39		0	<20	P 2
140	83	H	TSH-TSH	TSH-TSH		00056	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00030	610MF	BW2- 1.76	0.65		0	21	P 2
156	83	H	TSH-TSH	TSH-TSH		00056	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00030	610MF	04C+ 0.82	0.47		0	<20	P 2
137	84	H	TSH-TSH	TSH-TSH		00056	610BC					NDD	
		H	BW1-VS1	BW1-VS1		00088	580BC					NDD	
		C	TEC-TEH	TEC-TEH		00033	610MF	BW1+ 2.58	0.33		37	NQI	P 1
43	84	H	TSH-TSH	TSH-TSH		00057	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00033	610MF	BW1- 1.80	0.44		0	<20	P 2
145	84	H	TSH-TSH	TSH-TSH		00056	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00033	610MF	BW1- 1.86	0.17		0	<20	P 2
149	84	H	TSH-TSH	TSH-TSH		00056	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00033	610MF	BW2- 1.35	0.98		0	26	P 2
153	84	H	TSH-TSH	TSH-TSH		00056	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00033	610MF	BW1+ 2.21	0.34		0	<20	P 2
114	85	H	TSH-TSH	TSH-TSH		00056	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00033	610MF	BW1+ 1.64	0.41		0	<20	P 2
154	85	H	TSH-TSH	TSH-TSH		00056	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00033	610MF	BW1+ 2.03	0.48		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00033	610MF	VS1- 0.88	0.73		0	21	P 2
119	86	H	TSH-TSH	TSH-TSH		00057	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00063	610MF	09H+ 0.99	0.42		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00063	610MF	VS2- 0.52	0.51		0	<20	P 2
145	86	H	TSH-TSH	TSH-TSH		00056	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00033	610MF	VS1- 0.72	0.76		0	<20	P 2
149	86	H	TSH-TSH	TSH-TSH		00056	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00033	610MF	VS1- 0.78	0.73		0	<20	P 2
153	86	H	TSH-TSH	TSH-TSH		00056	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00033	610MF	VS3- 0.44	1.06		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00033	610MF	VS3+ 0.90	1.79		0	28	P 2
114	87	H	TSH-TSH	TSH-TSH		00056	610BC					NDD	

MID CYCLE

CUMULATIVE REPORT
12/93, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

STEAM GENERATOR : 32
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

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ROW	LIN	LEG	EXAM PROGRAM	EXTENT ACTUAL	EXP	CAL	PROBE	LOCATION	VOLTS	CURRENT MIL	DEG	%	CH
114	87	C	TEC-TEH	TEC-TEH		00062	610MF	VS2- 0.76	0.27		0	<20	P 2
150	87	H	TSH-TSH	TSH-TSH		00056	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00062	610MF	VS3- 0.72	0.45		0	20	P 2
123	88	H	TSH-TSH	TSH-TSH		00057	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00062	610MF	VS5+ 0.85	0.61		0	24	P 2
139	88	H	TSH-TSH	TSH-TSH		00057	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00062	610MF	VS1- 0.76	0.25		0	<20	P 2
143	88	H	TSH-TSH	TSH-TSH		00057	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00062	610MF	VS1- 0.87	0.50		0	22	P 2
		C	TEC-TEH	TEC-TEH		00062	610MF	VS5- 0.70	0.54		0	23	P 2
159	88	H	TSH-TSH	TSH-TSH		00056	610BC					NDD	
		C	TEC-TEH	TEC-08H		00065	610MF	VS3- 0.81	1.48		0	PID	P 2
		C	TEC-TEH	TEC-TEH		00062	610MF	VS3- 0.69	1.74		0	38	P 2
		C	TEC-TEH	TEC-TEH		00062	610MF	VS7- 0.72	0.69		0	25	P 2
64	89	H	-	-		00000						TBP	
		C	TEC-TEH	TEC-TEH		00076	610MF					NDD	
		H	TSH-TSH	TSH-TSH		00013	610BC	TSH- 0.12	1.04		ID	SCI	1
		H	TSH-TSH	TSH-TSH		00086	600BC	TSH- 0.05	2.09		0	PID	1
		H	TSH-TSH	TSH-TSH		00129	610BC	TSH+ 0.10	6.66		0	PID	1
70	89	H	-	-		00000						TBP	
		C	TEC-TEH	TEC-TEH		00076	610MF					NDD	
		H	TSH-TSH	TSH-TSH		00013	610BC	TSH- 0.18	0.87		ID	SCI	1
		H	TSH-TSH	TSH-TSH		00086	600BC	TSH- 0.09	1.54		0	PID	1
		H	TSH-TSH	TSH-TSH		00129	610BC	TSH+ 0.12	6.02		0	PID	1
120	89	H	TSH-TSH	TSH-TSH		00057	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00062	610MF	09H- 0.72	0.44		0	<20	P 2
124	89	H	TSH-TSH	TSH-TSH		00057	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00062	610MF	VS3+ 0.90	0.54		0	23	P 2
134	89	H	TSH-TSH	TSH-TSH		00056	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00033	610MF	09H+ 0.64	1.23		0	27	P 2
138	89	H	TSH-TSH	TSH-TSH		00056	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00062	610MF	09H- 0.75	0.21		0	<20	P 2
129	90	H	TSH-TSH	TSH-TSH		00059	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00033	610MF	BW2+ 1.67	0.41		0	<20	P 2
131	90	H	TSH-TSH	TSH-TSH		00058	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00062	610MF	VS3- 0.84	0.84		0	27	P 2
155	90	H	TSH-TSH	TSH-TSH		00058	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00062	610MF	VS3- 0.89	0.37		0	<20	P 2
70	91	H	-	-		00000						TBP	
		C	TEC-TEH	TEC-TEH		00078	610MF					NDD	
		H	TSH-TSH	TSH-TSH		00117	610BC	TSH- 0.14	7.98		20	PID	1
		H	TSH-TSH	TSH-TSH		00114	600BC	TSH- 0.10	0.74		ID	MCI	1
		H	TSH-TSH	TSH-TSH		00114	600BC	TSH- 0.08	0.55		ID	MCI	1
		H	TSH-TSH	TSH-TSH		00129	610BC	TSH+ 0.06	6.46		0	PID	1
126	91	H	05H-05H	05H-05H		00090	600BC					NDD	

MID CYCLE

CUMULATIVE REPORT
12/93, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

STEAM GENERATOR : 32
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

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ROW	LIN	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION	CURRENT				
			PROGRAM	ACTUAL					VOLTS	MIL	DEG	%	CH
126	91	H	TSH-TSH	TSH-TSH		00093	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00015	610MF	05H+ 1.35	0.29		105	DSI	P 1
		H	BW1-VS1	BW1-VS1		00017	580BC	VS1- 0.79	0.36		0	<20	P 2
130	91	H	TSH-TSH	TSH-TSH		00093	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00015	610MF	09H- 0.95	0.33		0	<20	P 2
		H	BW1-VS1	BW1-VS1		00018	580BC	BW1+ 1.95to+ 4.46	1.08		0	BOW	7
146	91	H	TSH-TSH	TSH-TSH		00093	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00062	610MF	VS7- 0.61	0.57		0	23	P 2
152	91	H	TSH-TSH	TSH-TSH		00092	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00033	610MF	BW1+ 2.05	0.43		0	<20	P 2
123	92	H	BW1-VS1	BW1-VS1		00018	580BC					NDD	
		H	TSH-TSH	TSH-TSH		00096	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00015	610MF	08H+ 0.90	0.19		0	<20	P 2
131	92	H	BW1-VS1	BW1-VS1		00018	580BC					NDD	
		H	TSH-TSH	TSH-TSH		00096	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00015	610MF	09H+ 0.96	0.40		0	<20	P 2
139	92	H	TSH-TSH	TSH-TSH		00095	600BC					BDA	
		H	TSH-TSH	TSH-TSH		00096	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00036	610MF	VS5+ 0.92	0.58		0	21	P 2
141	92	H	TSH-TSH	TSH-TSH		00092	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00035	610MF	BW1+ 2.01	0.22		0	<20	P 2
149	92	H	TSH-TSH	TSH-TSH		00092	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00035	610MF	BW1+ 2.17	1.04		0	26	P 2
155	92	H	TSH-TSH	TSH-TSH		00093	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00036	610MF	BW1+ 1.94	0.83		0	24	P 2
		C	TEC-TEH	TEC-TEH		00036	610MF	VS7+ 0.72	0.49		0	<20	P 2
159	92	H	TSH-TSH	TSH-TSH		00093	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00036	610MF	09H+ 0.87	0.29		0	<20	P 2
118	93	H	TSH-TSH	TSH-TSH		00097	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00036	610MF	VS6- 0.83	0.42		0	<20	P 2
122	93	H	BW1-VS1	BW1-VS1		00019	580BC					NDD	
		H	TSH-TSH	TSH-TSH		00097	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00015	610MF	BW1+ 2.05	0.39		0	<20	P 2
130	93	H	TSH-TSH	TSH-TSH		00097	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00015	610MF	09H- 0.99	0.36		0	<20	P 2
		H	BW1-VS1	BW1-VS1		00020	580BC	BW1- 2.87to+ 4.94	0.64		0	BOW	7
132	93	H	TSH-TSH	TSH-TSH		00097	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00035	610MF	09H- 0.94	0.73		0	20	P 2
		C	TEC-TEH	TEC-TEH		00035	610MF	09H+ 0.94	0.73		0	20	P 2
146	93	H	TSH-TSH	TSH-TSH		00093	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00036	610MF	BW1+ 2.09	0.28		0	<20	P 2
148	93	H	TSH-TSH	TSH-TSH		00092	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00035	610MF	BW1+ 2.23	0.26		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00035	610MF	VS5+ 0.91	0.29		0	<20	P 2
152	93	H	TSH-TSH	TSH-TSH		00092	600BC					NDD	

MID CYCLE

CUMULATIVE REPORT
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STEAM GENERATOR : 32
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

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DATE: 12/28/93
TIME: 11:04:24

ROW	LIN	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION	VOLTS	CURRENT			
			PROGRAM	ACTUAL						MIL	DEG	%	CH
152	93	C	TEC-TEH	TEC-TEH		00035	610MF	BW1+ 2.10	0.67		0	<20	P 2
154	93	H	TSH-TSH	TSH-TSH		00093	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00036	610MF	VS1- 1.18	1.05		0	27	P 2
127	94	H	BW1-VS1	BW1-VS1		00020	580BC					NDD	
		H	TSH-TSH	TSH-TSH		00097	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00015	610MF	08H+ 0.86	0.73		0	22	P 2
		C	TEC-TEH	TEC-TEH		00015	610MF	09H- 0.13	0.47		0	<20	P 2
133	94	H	TSH-TSH	TSH-TSH		00097	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00035	610MF	09H+ 0.99	0.66		0	<20	P 2
137	94	H	TSH-TSH	TSH-TSH		00097	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00035	610MF	BW1+ 2.09	0.57		0	<20	P 2
145	94	H	TSH-TSH	TSH-TSH		00092	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00036	610MF	09C- 0.92	0.34		0	<20	P 2
147	94	H	TSH-TSH	TSH-TSH		00093	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00036	610MF	BW1+ 2.10	0.46		0	<20	P 2
159	94	H	TSH-TSH	TSH-TSH		00093	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00036	610MF	BW1- 1.80	0.59		0	<20	P 2
120	95	H	TEH-TSH	TEH-TSH		00089	600BC					NDD	
		H	TEH-TSH	TSH-TSH		00097	600BC					NDD	
		H	-	-		99999	610SM	TSH+ 0.0				NTE	
		C	TEC-TEH	TEC-TEH		00016	610MF	TSH+ 0.00	15.63		0	NTE	2
		H	BW1-VS2	BW1-VS2		00021	580BC	BW1+ 0.29to+ 3.45	3.69		0	BOW	7
126	95	H	BW1-VS1	BW1-VS1		00021	580BC					NDD	
		H	TSH-TSH	TSH-TSH		00097	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00015	610MF	BW1+ 2.11	0.46		0	<20	P 2
130	95	C	TEC-TEH	TEC-TEH		00016	610MF					NDD	
		H	TSH-TSH	TSH-TSH		00097	600BC					NDD	
		H	BW1-VS1	BW1-VS1		00021	580BC	BW1- 1.81	0.58		0	<20	P 2
142	95	H	TSH-TSH	TSH-TSH		00092	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00016	610MF	08H- 1.00	0.62		0	<20	P 2
131	96	C	TEC-TEH	TEC-TEH		00015	610MF					NDD	
		H	TSH-TSH	TSH-TSH		00098	610BC					NDD	
		H	BW1-VS1	BW1-VS1		00021	580BC	BW1+ 1.79	0.49		0	<20	P 2
147	96	H	TSH-TSH	TSH-TSH		00093	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00036	610MF	VS7- 0.51	0.42		0	<20	P 2
153	96	H	TSH-TSH	TSH-TSH		00092	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00061	610MF	BW1+ 2.09	0.95		0	25	P 2
		C	TEC-TEH	TEC-TSH		00036	610MF	BW1+ 2.18	0.60		0	<20	P 2
155	96	H	TSH-TSH	TSH-TSH		00093	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00035	610MF	BW1+ 2.17	0.92		0	22	P 2
159	96	H	TSH-TSH	TSH-TSH		00093	600BC					NDD	
		C	TEC-TEH	TEC-TSH		00036	610MF	09H+ 0.66	0.38		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00061	610MF	VS1- 0.26	1.18		0	28	P 2
		C	TEC-TEH	TEC-TSH		00036	610MF	VS1- 0.09	1.07		0	29	P 2
128	97	H	TSH-TSH	TSH-TSH		00097	600BC					NDD	

MID CYCLE



CUMULATIVE REPORT
12/93, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

STEAM GENERATOR : 32
OUTAGE DATA SET : CURRENT
ELECTION VARIABLES: Percent

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DATE: 12/28/93
TIME: 11:04:24

ROW	LIN	LEG	EXAM PROGRAM	EXTENT ACTUAL	EXP	CAL	PROBE	LOCATION	VOLTS	CURRENT MIL	DEG	%	CH
128	97	C	TEC-TEH	TEC-TEH		00016	610MF	09H- 1.03	0.75		0	<20	P 2
		H	BW1-VS1	BW1-VS1		00022	580BC	BW1+ 0.95to+ 2.54	1.15		0	BOW	7
130	97	H	BW1-VS1	BW1-VS1		00021	580BC					NDD	
		H	TSH-TSH	TSH-TSH		00098	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00015	610MF	09H- 0.14	0.62		0	20	P 2
136	97	H	TSH-TSH	TSH-TSH		00098	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00035	610MF	09H+ 0.98	0.59		0	<20	P 2
142	97	H	TSH-TSH	TSH-TSH		00093	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00036	610MF	BW2- 1.28	0.56		0	20	P 2
146	97	H	TSH-TSH	TSH-TSH		00093	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00036	610MF	BW2- 1.66	0.58		0	21	P 2
148	97	H	TSH-TSH	TSH-TSH		00092	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00035	610MF	08H- 1.14	0.75		0	<20	P 2
133	98	H	TSH-TSH	TSH-TSH		00098	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00035	610MF	09H+ 1.04	0.77		0	21	P 2
145	98	H	TSH-TSH	TSH-TSH		00092	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00061	610MF	BW1+ 2.15	0.34		0	<20	P 2
153	98	H	TSH-TSH	TSH-TSH		00092	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00035	610MF	09H+ 0.90	0.57		0	<20	P 2
124	99	H	BW1-VS1	BW1-VS1		00021	580BC					NDD	
		H	TSH-TSH	TSH-TSH		00098	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00016	610MF	09H- 0.03	0.83		0	<20	P 2
142	101	H	TSH-TSH	TSH-TSH		00093	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00038	610MF	09H+ 0.84	0.41		0	<20	P 2
156	101	H	TSH-TSH	TSH-TSH		00092	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00038	610MF	VS5- 0.94	0.60		0	<20	P 2
36	103	H	TSH-TSH	TSH-TSH		00112	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00061	610MF	BW1- 1.95	0.32		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00061	610MF	VS4- 0.73	1.42		0	31	P 2
138	103	H	TSH-TSH	TSH-TSH		00099	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00039	610MF	BW1- 2.11	0.31		0	<20	P 2
144	103	H	TSH-TSH	TSH-TSH		00092	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00038	610MF	VS7- 0.60	0.63		0	<20	P 2
148	103	H	TSH-TSH	TSH-TSH		00092	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00038	610MF	09C- 0.97	1.18		0	26	P 2
154	103	C	TEC-TEH	TEC-TEH		00039	610MF					BDA	
		H	TSH-TSH	TSH-TSH		00093	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00061	610MF	09H+ 0.84	0.60		0	<20	P 2
127	104	H	TSH-TSH	TSH-TSH		00099	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00039	610MF	09H+ 0.95	0.31		0	<20	P 2
143	104	C	TEC-TEH	TEC-TEH		00039	610MF					BDA	
		H	TSH-TSH	TSH-TSH		00093	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00061	610MF	09H+ 0.93	0.47		0	<20	P 2
149	104	H	TSH-TSH	TSH-TSH		00092	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00038	610MF	BW2- 1.67	0.67		0	<20	P 2

MID CYCLE

CUMULATIVE REPORT
12/93, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

STEAM GENERATOR : 32
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

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DATE: 12/28/93
TIME: 11:04:24

ROW	LIN	LEG	EXAM PROGRAM	EXTENT ACTUAL	EXP	CAL	PROBE	LOCATION	VOLTS	CURRENT MIL	DEG	%	CH
120	105	H	TSH-TSH	TSH-TSH		00100	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00040	610MF	BW2+ 1.36	0.73		0	<20	P 2
126	105	H	TSH-TSH	TSH-TSH		00101	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00039	610MF	BW2+ 1.13	0.43		0	<20	P 2
146	105	H	TSH-TSH	TSH-TSH		00093	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00039	610MF	BW2+ 1.05	0.49		0	<20	P 2
141	106	H	TSH-TSH	TSH-TSH		00092	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00040	610MF	BW2+ 1.96	0.34		0	<20	P 2
145	106	H	TSH-TSH	TSH-TSH		00092	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00040	610MF	VS5- 0.76	0.71		0	<20	P 2
149	106	H	TSH-TSH	TSH-TSH		00092	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00040	610MF	BW1- 1.76	0.34		0	<20	P 2
153	106	H	TSH-TSH	TSH-TSH		00092	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00040	610MF	BW1+ 1.76	0.93		0	<20	P 2
144	107	H	TSH-TSH	TSH-TSH		00092	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00040	610MF	BW1+ 1.93	0.79		0	<20	P 2
152	107	H	TSH-TSH	TSH-TSH		00092	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00040	610MF	BW1+ 1.95	1.01		0	<20	P 2
154	107	H	TSH-TSH	TSH-TSH		00093	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00039	610MF	BW1+ 2.03	0.47		0	<20	P 2
119	108	H	TSH-TSH	TSH-TSH		00102	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00039	610MF	BW1+ 1.84	0.31		0	<20	P 2
121	108	H	TSH-TSH	TSH-TSH		00103	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00040	610MF	BW2+ 1.87	0.73		0	<20	P 2
127	108	H	TSH-TSH	TSH-TSH		00102	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00039	610MF	BW1+ 1.96	0.52		0	<20	P 2
131	108	H	TSH-TSH	TSH-TSH		00102	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00039	610MF	BW2- 1.43	0.33		0	<20	P 2
133	108	H	TSH-TSH	TSH-TSH		00103	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00040	610MF	BW1+ 1.94	0.81		0	<20	P 2
139	108	H	TSH-TSH	TSH-TSH		00102	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00039	610MF	BW1+ 2.03	0.43		0	<20	P 2
141	108	H	TSH-TSH	TSH-TSH		00092	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00040	610MF	VS1- 0.85	0.91		0	<20	P 2
143	108	H	TSH-TSH	TSH-TSH		00093	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00039	610MF	BW1+ 2.20	0.71		0	<20	P 2
147	108	H	TSH-TSH	TSH-TSH		00093	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00039	610MF	BW1+ 2.19	0.54		0	<20	P 2
149	108	H	TSH-TSH	TSH-TSH		00092	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00040	610MF	BW1+ 2.05	0.55		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00040	610MF	VS5+ 0.60	0.69		0	<20	P 2
151	108	H	TSH-TSH	TSH-TSH		00093	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00039	610MF	BW1- 1.73	0.21		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00039	610MF	BW1+ 2.16	0.31		0	<20	P 2
153	110	C	TEC-TEH	TEC-TEH		00039	610MF					BDA	

MID CYCLE

CUMULATIVE REPORT
12/93, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

STEAM GENERATOR : 32
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

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TIME: 11:04:24

ROW	LIN	LEG	EXAM PROGRAM	EXTENT ACTUAL	EXP	CAL	PROBE	LOCATION	VOLTS	CURRENT MIL	DEG	%	CH
153	110	H	TSH-TSH	TSH-TSH		00092	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00061	610MF	09H+ 0.69	0.64		0	<20	P 2
157	110	H	TSH-TSH	TSH-TSH		00093	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00039	610MF	BW1+ 1.95	0.54		0	<20	P 2
148	111	H	BW1-VS1	BW1-VS1		00022	580BC					NDD	
		H	TSH-TSH	TSH-TSH		00093	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00015	610MF	BW2+ 1.49	0.33		0	<20	P 2
150	111	H	TSH-TSH	TSH-TSH		00092	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00040	610MF	BW2+ 1.10	0.61		0	<20	P 2
115	112	H	TSH-TSH	TSH-TSH		00102	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00040	610MF	VS5- 0.69	0.69		0	<20	P 2
129	112	H	TSH-TSH	TSH-TSH		00102	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00040	610MF	VS5+ 0.38	0.59		0	<20	P 2
149	112	C	TEC-TEH	TEC-TEH		00015	610MF					NDD	
		H	TSH-TSH	TSH-TSH		00092	600BC					NDD	
		H	BW1-VS1	BW1-VS1		00022	580BC	BW1+ 2.00	0.78		0	<20	P 2
118	113	H	TSH-TSH	TSH-TSH		00102	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00042	610MF	BW2+ 1.47	0.70		0	<20	P 2
142	113	H	BW1-VS1	BW1-VS1		00024	580BC					NDD	
		H	TSH-TSH	TSH-TSH		00093	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00016	610MF	09H+ 0.94	1.45		0	27	P 2
29	114	H	TSH-TSH	TSH-TSH		00104	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00042	610MF	09H+ 0.09	0.64		0	<20	P 2
126	115	H	TSH-TSH	TSH-TSH		00104	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00042	610MF	09H+ 1.05	0.74		0	<20	P 2
128	115	H	TSH-TSH	TSH-TSH		00105	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00042	610MF	09H+ 0.95	1.14		0	<20	P 2
127	116	H	TSH-TSH	TSH-TSH		00105	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00042	610MF	09H+ 1.05	0.76		0	<20	P 2
145	116	C	TEC-TEH	TEC-TEH		00015	610MF					NDD	
		H	TSH-TSH	TSH-TSH		00092	600BC					NDD	
		H	BW1-VS1	BW1-VS1		00026	580BC	BW1+ 1.99	0.53		0	<20	P 2
114	117	H	TSH-TSH	TSH-TSH		00105	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00041	610MF	BW2+ 1.15	0.36		0	<20	P 2
118	117	H	TSH-TSH	TSH-TSH		00105	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00041	610MF	BW1+ 2.22	0.67		0	<20	P 2
132	117	H	09H-09H	09H-09H		00090	600BC					NDD	
		H	TSH-TSH	TSH-TSH		00104	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00042	610MF	09H- 1.60	1.03		50	NQI	P 1
138	117	H	TSH-TSH	TSH-TSH		00105	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00041	610MF	BW1+ 1.83	0.55		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00041	610MF	BW2- 1.72	0.51		0	<20	P 2
144	117	C	TEC-TEH	TEC-TEH		00015	610MF					NDD	
		H	TSH-TSH	TSH-TSH		00092	600BC					NDD	
		H	BW1-VS1	BW1-VS1		00026	580BC	BW1+ 1.99	0.63		0	<20	P 2

MID CYCLE

CUMULATIVE REPORT
12/93, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

STEAM GENERATOR : 32
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

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DATE: 12/28/93
TIME: 11:04:24

ROW	LIN	LEG	EXAM	EXTENT	EXP	CAL	PROBE	LOCATION	VOLTS	MIL	DEG	%	CH
146	117	C	TEC-TEH	TEC-TEH		00016	610MF					NDD	
		H	TSH-TSH	TSH-TSH		00093	600BC					NDD	
		H	BW1-VS1	BW1-VS1		00027	580BC	BW1- 1.41to+ 2.79	1.55		0	BOW	7
		H	BW1-VS1	BW1-VS1		00027	580BC	BW1+ 2.07	0.74		0	<20	P 2
150	117	H	TSH-TSH	TSH-TSH		00093	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00041	610MF	BW1+ 2.23	0.36		0	<20	P 2
123	118	H	TSH-TSH	TSH-TSH		00105	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00041	610MF	VS5+ 0.93	0.23		0	<20	P 2
129	118	H	TSH-TSH	TSH-TSH		00104	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00042	610MF	09H+ 1.01	0.41		0	<20	P 2
147	118	C	TEC-TEH	TEC-TEH		00016	610MF					NDD	
		H	TSH-TSH	TSH-TSH		00093	600BC					NDD	
		H	BW1-VS1	BW1-VS1		00027	580BC	BW1+ 2.09	1.12		0	23	P 2
114	119	H	TSH-TSH	TSH-TSH		00105	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00042	610MF	BW2+ 1.54	1.53		0	<20	P 2
120	119	H	TSH-TSH	TSH-TSH		00104	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00042	610MF	BW1+ 1.91	0.56		0	<20	P 2
123	120	H	TSH-TSH	TSH-TSH		00105	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00061	610MF	BW1+ 1.38	0.64		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00043	610MF	BW1+ 1.73				BDA	
149	120	H	TSH-TSH	TSH-TSH		00092	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00041	610MF	BW1+ 2.10	1.57		0	32	P 2
122	121	H	TSH-TSH	TSH-TSH		00105	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00043	610MF	BW1+ 1.74				BDA	
		C	TEC-TEH	TEC-TEH		00061	610MF	BW1+ 1.77	0.50		0	<20	P 2
130	121	C	TEC-TEH	TEC-TEH		00043	610MF					BDA	
		H	TSH-TSH	TSH-TSH		00105	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00061	610MF	VS5+ 0.91	0.79		0	22	P 2
151	122	H	TSH-TSH	TSH-TSH		00093	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00041	610MF	VS1+ 0.85	0.45		0	<20	P 2
118	123	H	TSH-TSH	TSH-TSH		00107	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00043	610MF	09H+ 1.09				BDA	
		C	TEC-TEH	TEC-TEH		00061	610MF	09H+ 1.32	0.77		0	21	P 2
122	123	H	TSH-TSH	TSH-TSH		00107	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00043	610MF	BW1+ 2.14				BDA	
		C	TEC-TEH	TEC-TEH		00061	610MF	BW1+ 2.20	0.47		0	<20	P 2
144	123	H	TSH-TSH	TSH-TSH		00093	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00041	610MF	VS3+ 0.00	0.32		0	<20	P 2
148	123	H	TSH-TSH	TSH-TSH		00093	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00041	610MF	BW1+ 1.81	0.92		0	27	P 2
150	123	H	TSH-TSH	TSH-TSH		00092	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00061	610MF	VS7- 0.82	0.40		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00043	610MF	BW2- 1.69				BDA	
		C	TEC-TEH	TEC-TEH		00061	610MF	BW2- 1.37	0.63		0	<20	P 2
143	124	H	TSH-TSH	TSH-TSH		00093	600BC					NDD	

MID CYCLE

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STEAM GENERATOR : 32
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ROW	LIN	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION	CURRENT				
			PROGRAM	ACTUAL					VOLTS	MIL	DEG	%	CH
143	124	C	TEC-TEH	TEC-TEH		00043	610MF	09C+ 0.77				BDA	
		C	TEC-TEH	TEC-TEH		00061	610MF	09C+ 0.70	0.56		0	<20	P 2
144	125	H	TSH-TSH	TSH-TSH		00092	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00043	610MF	VS1+ 0.78				BDA	
		C	TEC-TEH	TEC-TEH		00061	610MF	VS1+ 0.87	0.60		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00061	610MF	VS3- 0.69	0.29		0	<20	P 2
115	126	H	TSH-TSH	TSH-TSH		00106	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00044	610MF	BW1+ 2.03	0.35		0	<20	P 2
121	126	H	TSH-TSH	TSH-TSH		00107	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00044	610MF	09H+ 0.64	0.43		0	<20	P 2
127	126	H	TSH-TSH	TSH-TSH		00106	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00045	610MF	09H+ 0.70	1.11		0	<20	P 2
141	126	H	TSH-TSH	TSH-TSH		00092	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00044	610MF	VS3+ 0.85	0.23		0	<20	P 2
145	126	H	TSH-TSH	TSH-TSH		00092	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00044	610MF	VS3+ 0.89	0.22		0	<20	P 2
149	126	H	TSH-01H	TSH-01H		00095	600BC					BDA	
		H	TSH-01H	TSH-01H		00096	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00044	610MF	TSH+ 5.05	0.36		99	NQI	1
110	127	H	08H-BW1	08H-BW1		00090	600BC					NDD	
		H	TSH-TSH	TSH-TSH		00106	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00045	610MF	08H+ 37.95	0.20		95	NQI	P 1
118	127	H	TSH-TSH	TSH-TSH		00106	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00045	610MF	BW1- 1.85	0.40		0	<20	P 2
142	127	H	TSH-TSH	TSH-TSH		00092	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00045	610MF	09H+ 0.90	0.45		0	<20	P 2
148	127	H	TSH-TSH	TSH-TSH		00092	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00044	610MF	VS7+ 0.78	0.52		0	<20	P 2
117	128	H	TSH-TSH	TSH-TSH		00107	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00045	610MF	09H+ 0.64	0.83		0	<20	P 2
119	128	H	TSH-TSH	TSH-TSH		00106	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00044	610MF	08H- 0.69	0.40		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00044	610MF	08C- 0.69	0.40		0	<20	P 2
143	128	H	TSH-TSH	TSH-TSH		00092	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00044	610MF	08H- 1.00	1.00		0	28	P 2
		C	TEC-TEH	TEC-TEH		00044	610MF	09H+ 0.76	0.55		0	<20	P 2
147	128	H	TSH-TSH	TSH-TSH		00092	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00044	610MF	08H- 1.06	0.31		0	<20	P 2
112	129	H	TSH-TSH	TSH-TSH		00107	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00044	610MF	06H+ 0.75	0.48		0	<20	P 2
120	129	H	TSH-TSH	TSH-TSH		00107	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00044	610MF	09H- 0.72	0.38		0	<20	P 2
138	129	H	TSH-TSH	TSH-TSH		00106	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00045	610MF	09C- 1.24	0.81		0	<20	P 2
140	129	H	TSH-TSH	TSH-TSH		00092	600BC					NDD	

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STEAM GENERATOR : 32
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ROW	LIN	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION	VOLTS	CURRENT			
			PROGRAM	ACTUAL						MIL	DEG	%	CH
140	129	H	TSH-TSH	TSH-TSH		00107	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00044	610MF	09H+ 0.93	0.23		0	<20	P 2
146	129	H	TSH-TSH	TSH-TSH		00092	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00045	610MF	BW1+ 1.76	0.62		0	<20	P 2
113	130	H	TSH-TSH	TSH-TSH		00107	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00044	610MF	VS3+ 0.75	0.24		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00044	610MF	VS6+ 0.78	0.45		0	<20	P 2
119	130	H	TSH-TSH	TSH-TSH		00106	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00045	610MF	09H- 1.08	1.03		0	<20	P 2
147	130	H	TSH-TSH	TSH-TSH		00093	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00044	610MF	08H+ 0.77	0.40		0	<20	P 2
110	131	H	TSH-TSH	TSH-TSH		00106	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00045	610MF	BW1- 2.16	0.48		0	<20	P 2
114	131	H	TSH-TSH	TSH-TSH		00106	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00045	610MF	BW2- 2.07	0.55		0	<20	P 2
130	131	C	TEC-TEH	TEC-TEH		00016	610MF					NDD	
		H	TSH-TSH	TSH-TSH		00107	600BC					NDD	
		H	BW1-VS1	BW1-VS1		00032	580BC	BW1+ 1.69	0.55		0	<20	P 2
142	131	H	TSH-TSH	TSH-TSH		00093	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00044	610MF	09H+ 0.92	0.42		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00044	610MF	BW1+ 2.07	0.85		0	22	P 2
17	132	H	TSH-TSH	TSH-TSH		00106	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00045	610MF	09H+ 0.45	1.50		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00045	610MF	BW1+ 1.57	0.76		0	<20	P 2
119	132	H	TSH-TSH	TSH-TSH		00107	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00044	610MF	VS6+ 0.54	0.46		0	<20	P 2
133	132	H	TSH-TSH	TSH-TSH		00106	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00016	610MF	BW1- 1.85	0.60		0	<20	P 2
		H	BW1-VS1	BW1-VS1		00031	580BC	BW1- 0.36to+ 3.50	2.89		0	BOW	7
		H	BW1-VS1	BW1-VS1		00031	580BC	BW1+ 1.99to+ 3.91	0.42		0	PDP	11
137	132	C	TEC-TEH	TEC-TEH		00016	610MF					NDD	
		H	TSH-TSH	TSH-TSH		00106	600BC					NDD	
		H	BW1-VS1	BW1-VS1		00031	580BC	BW1- 1.87	0.60		0	<20	P 2
110	133	H	TSH-TSH	TSH-TSH		00106	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00045	610MF	BW1+ 1.81	0.39		0	<20	P 2
136	133	C	TEC-TEH	TEC-TEH		00014	610MF					NDD	
		H	TSH-TSH	TSH-TSH		00107	600BC					NDD	
		H	BW1-VS1	BW1-VS1		00031	580BC	VS1+ 0.77	0.46		0	<20	P 2
111	134	H	TSH-TSH	TSH-TSH		00106	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00045	610MF	BW1- 1.94	0.63		0	<20	P 2
113	134	H	TSH-TSH	TSH-TSH		00107	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00044	610MF	BW1- 1.80	0.42		0	<20	P 2
117	134	H	TSH-TSH	TSH-TSH		00107	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00044	610MF	09H- 1.08	0.45		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00044	610MF	BW1- 1.91	0.43		0	<20	P 2

MID CYCLE

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ROW	LIN	LEG	EXAM	EXTENT	EXP	CAL	PROBE	LOCATION	VOLTS	MIL	DEG	%	CH
125	134	H	TSH-TSH	TSH-TSH		00107	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00044	610MF	09H+ 0.74	0.38		0	<20	P 2
145	134	C	TEC-TEH	TEC-09C		00045	610MF					OBS	
		C	TEC-TEH	TEC-09C		00061	610MF					OBS	
		H	TSH-TSH	TSH-TSH		00093	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00067	580MF	BW2+ 1.43	60.67		172	DNT	P 1
110	135	H	TSH-TSH	TSH-TSH		00106	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00045	610MF	BW1+ 2.02	0.85		0	<20	P 2
114	135	H	TSH-TSH	TSH-TSH		00106	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00045	610MF	08H+ 1.08	0.76		0	<20	P 2
118	135	H	TSH-TSH	TSH-TSH		00108	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00045	610MF	BW1- 1.86	1.75		0	23	P 2
136	135	H	TSH-TSH	TSH-TSH		00109	600BC					NDD	
		H	BW1-VS1	BW1-VS1		00032	580BC	BW1- 2.04to+ 5.15	0.97		0	BOW	7
		C	TEC-TEH	TEC-TEH		00014	610MF	BW1- 1.63	0.47		0	<20	P 2
117	136	H	TSH-TSH	TSH-TSH		00109	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00045	610MF	BW1- 1.82	1.07		0	<20	P 2
119	136	H	TSH-TSH	TSH-TSH		00108	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00061	610MF	BW1+ 1.85	0.50		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00061	610MF	VS3- 0.85	0.26		0	<20	P 2
127	136	H	TSH-TSH	TSH-TSH		00108	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00044	610MF	VS5- 0.88	0.38		0	<20	P 2
131	136	H	BW1-VS1	BW1-VS1		00031	580BC					NDD	
		H	TSH-TSH	TSH-TSH		00108	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00014	610MF	BW1+ 1.92	0.29		0	<20	P 2
104	137	H	TSH-TSH	TSH-TSH		00109	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00044	610MF	BW1+ 2.16	0.34		0	<20	P 2
108	137	H	TSH-TSH	TSH-TSH		00109	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00044	610MF	BW1+ 2.12	0.42		0	<20	P 2
110	137	H	TSH-TSH	TSH-TSH		00108	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00045	610MF	BW1+ 1.74	1.48		0	20	P 2
116	137	H	TSH-TSH	TSH-TSH		00109	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00044	610MF	VS3- 0.77	0.68		0	<20	P 2
128	137	C	01C-01C	01C-01C		00069	600BC					NDD	
		H	TSH-TSH	TSH-TSH		00109	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00044	610MF	01C- 0.56	0.46		117	DSI	P 1
		C	TEC-TEH	TEC-TEH		00061	610MF	01C- 0.72	0.49		0	DSI	P 1
101	138	H	TSH-TSH	TSH-TSH		00109	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00044	610MF	08H+ 0.81	0.29		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00044	610MF	VS3- 0.79	0.48		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00044	610MF	VS5+ 0.68	0.17		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00044	610MF	VS7+ 0.88	0.22		0	<20	P 2
115	138	H	TSH-TSH	TSH-TSH		00108	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00045	610MF	03H+ 0.21	0.61		0	<20	P 2
117	138	H	TSH-TSH	TSH-TSH		00109	600BC					NDD	

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ROW	LIN	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION	CURRENT				
			PROGRAM	ACTUAL					VOLTS	MIL	DEG	%	CH
117	138	C	TEC-TEH	TEC-TEH		00044	610MF	09H- 1.42	0.66		0	<20	P 2
131	138	C	TEC-TEH	TEC-TEH		00014	610MF					NDD	
		H	TSH-TSH	TSH-TSH		00108	600BC					NDD	
		H	BW1-VS1	BW1-VS1		00028	580BC	BW1- 2.54to+ 3.35	0.81		0	BOW	7
		H	BW1-VS1	BW1-VS1		00028	580BC	BW1+ 1.83	0.26		0	<20	P 2
137	138	H	TSH-TSH	TSH-TSH		00109	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00014	610MF	07H+ 0.85	0.45		0	<20	P 2
		H	BW1-VS1	BW1-VS1		00030	580BC	BW1- 1.50to+ 3.91	1.50		0	BOW	7
139	138	H	BW1-VS1	BW1-VS1		00031	580BC					NDD	
		H	TSH-TSH	TSH-TSH		00108	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00015	610MF	09H+ 0.96	0.19		0	<20	P 2
102	139	H	TSH-TSH	TSH-TSH		00108	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00045	610MF	BW1+ 1.47	0.76		0	<20	P 2
114	139	H	TSH-TSH	TSH-TSH		00108	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00045	610MF	BW1+ 2.13	0.83		0	<20	P 2
140	139	H	TSH-TSH	TSH-TSH		00093	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00044	610MF	04C- 1.05	0.54		0	<20	P 2
107	140	H	TSH-TSH	TSH-TSH		00108	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00046	610MF	08H+ 0.91	0.62		0	<20	P 2
117	140	H	TSH-TSH	TSH-TSH		00109	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00047	610MF	09H- 1.24	1.05		0	23	P 2
127	140	H	TSH-TSH	TSH-TSH		00108	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00046	610MF	08H- 0.92	0.60		0	22	P 2
135	140	H	TSH-TSH	TSH-TSH		00108	600BC					NDD	
		C	TEC-TEH	TEC-TSH		00046	610MF	09H+ 0.80	1.67		0	26	P 2
		C	TEC-TEH	TEC-TEH		00061	610MF	09H+ 0.83	1.37		0	PID	P 2
		C	TEC-TEH	TEC-TEH		00047	610MF	09H+ 0.85	2.02		0	36	P 2
137	140	H	TSH-TSH	TSH-TSH		00109	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00047	610MF	04C- 0.09	0.44		0	<20	P 2
139	140	C	TEC-TSC	TEC-TSC		00069	600BC					NDD	
		H	TSH-TSH	TSH-TSH		00108	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00047	610MF	05C+ 0.82	0.92		0	22	P 2
		C	TEC-TEH	TEC-TSH		00046	610MF	05C+ 0.80	0.49		0	<20	P 2
		C	-	-		99999	610UL	TSC+ 0.0	1.00		70	NTE	4
96	141	H	TSH-TSH	TSH-TSH		00070	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00047	610MF	BW1+ 1.82	0.37		0	<20	P 2
126	141	H	TSH-TSH	TSH-TSH		00071	600BC					NDD	
		H	09H-BW1	09H-BW1		00090	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00047	610MF	09H+ 8.11	0.40		114	NQI	P 1
95	142	H	TSH-TSH	TSH-TSH		00071	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00047	610MF	BW1+ 2.11	0.50		0	<20	P 2
103	142	H	TSH-TSH	TSH-TSH		00071	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00047	610MF	BW1+ 1.92	0.58		0	<20	P 2
107	142	H	TSH-TSH	TSH-TSH		00071	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00047	610MF	BW1+ 1.73	0.21		0	<20	P 2

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ROW	LIN	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION	CURRENT				
			PROGRAM	ACTUAL					VOLTS	MIL	DEG	%	CH
107	142	C	TEC-TEH	TEC-TEH		00047	610MF	VS3+ 1.49	6.26		179	INR	P 1
109	142	H	TSH-TSH	TSH-TSH		00070	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00047	610MF	BW1+ 1.70	0.21		0	<20	P 2
129	142	H	TSH-TSH	TSH-TSH		00070	600BC					NDD	
		H	VS1-VS3	BW1-VS3		00088	580BC					NDD	
		C	TEC-TEH	TEC-TEH		00047	610MF	BW1+ 1.68	0.74		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00047	610MF	VS1+ 15.59	1.10		151	NQI	P 1
133	142	H	TSH-TSH	TSH-TSH		00070	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00047	610MF	VS1+ 0.81	1.13		0	26	P 2
94	143	H	TSH-TSH	TSH-TSH		00070	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00048	610MF	BW1+ 2.13	0.44		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00048	610MF	VS2- 0.87	24.31		171	DNT	P 1
98	143	H	TSH-TSH	TSH-TSH		00070	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00048	610MF	BW1+ 2.19	0.30		0	<20	P 2
128	143	H	TSH-TSH	TSH-TSH		00071	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00047	610MF	09H+ 0.80	0.64		0	<20	P 2
132	143	H	TSH-TSH	TSH-TSH		00071	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00047	610MF	BW1+ 1.90	0.62		0	<20	P 2
93	144	H	TSH-TSH	TSH-TSH		00071	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00048	610MF	BW1+ 2.00	0.45		0	<20	P 2
95	144	H	TSH-TSH	TSH-TSH		00071	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00048	610MF	BW1+ 2.24	0.42		0	<20	P 2
99	144	H	TSH-TSH	TSH-TSH		00071	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00048	610MF	BW1+ 1.87	0.44		0	<20	P 2
103	144	H	TSH-TSH	TSH-TSH		00071	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00048	610MF	BW1+ 1.94	1.09		0	26	P 2
119	144	H	TSH-TSH	TSH-TSH		00070	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00049	610MF	BW1- 2.34	0.32		0	<20	P 2
125	144	H	TSH-TSH	TSH-TSH		00071	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00049	610MF	VS1- 0.71	0.59		0	<20	P 2
131	144	H	TSH-TSH	TSH-TSH		00070	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00049	610MF	09H+ 0.96	0.37		0	<20	P 2
94	145	H	TSH-TSH	TSH-TSH		00072	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00048	610MF	BW1+ 2.17	0.37		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00048	610MF	VS2- 0.26	19.72		171	DNT	P 1
98	145	H	TSH-TSH	TSH-TSH		00072	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00049	610MF	BW1+ 2.07	0.28		0	<20	P 2
100	145	H	TSH-TSH	TSH-TSH		00071	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00049	610MF	BW1- 2.19	0.47		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00049	610MF	BW1+ 1.91	0.59		0	<20	P 2
106	145	H	TSH-TSH	TSH-TSH		00072	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00049	610MF	BW1- 2.02	0.28		0	<20	P 2
126	145	H	TSH-TSH	TSH-TSH		00072	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00049	610MF	09H+ 0.84	0.56		0	<20	P 2
130	145	H	TSH-TSH	TSH-TSH		00072	600BC					NDD	

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STEAM GENERATOR : 32
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ROW	LIN	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION	CURRENT				
			PROGRAM	ACTUAL					VOLTS	MIL	DEG	%	CH
130	145	C	TEC-TEH	TEC-TEH		00049	610MF	09H+ 0.90	0.78		0	<20	P 2
93	146	H	TSH-TSH	TSH-TSH		00072	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00048	610MF	BW1+ 1.95	0.42		0	<20	P 2
101	146	H	TSH-TSH	TSH-TSH		00072	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00048	610MF	BW1- 1.86	0.44		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00048	610MF	BW1+ 1.92	0.61		0	<20	P 2
109	146	H	TSH-TSH	TSH-TSH		00072	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00048	610MF	BW1+ 1.70	0.30		0	<20	P 2
113	146	H	TSH-TSH	TSH-TSH		00072	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00048	610MF	BW1+ 1.76	0.24		0	<20	P 2
123	146	C	TEC-TEH	TEC-09C		00064	610MF					OBS	
		H	TSH-TSH	TSH-TSH		00071	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00067	580MF	09C+ 0.29	0.63		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00067	580MF	08C+ 39.43	42.92		175	DNT	P 1
		C	TEC-TEH	TEC-09C		00064	610MF	08C+ 38.70	41.05		185	DNT	P 1
125	146	H	TSH-TSH	TSH-TSH		00072	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00048	610MF	09H+ 0.68	1.54		0	32	P 2
		H	09H-09H	09H-09H		00090	600BC	09H+ 0.76	1.78		0	28	P 2
129	146	H	TSH-TSH	TSH-TSH		00072	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00048	610MF	BW1+ 1.96	0.30		0	<20	P 2
92	147	H	TSH-TSH	TSH-TSH		00071	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00050	610MF	BW1+ 2.02	0.33		0	<20	P 2
98	147	H	TSH-TSH	TSH-TSH		00072	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00048	610MF	BW1- 2.36	0.44		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00048	610MF	BW1+ 1.95	0.38		0	<20	P 2
100	147	H	TSH-TSH	TSH-TSH		00071	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00048	610MF	07H+ 1.12	0.37		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00048	610MF	BW1- 2.10	0.49		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00048	610MF	BW1+ 2.19	0.44		0	<20	P 2
104	147	H	TSH-TSH	TSH-TSH		00071	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00048	610MF	BW1- 2.14	0.23		0	<20	P 2
116	147	H	TSH-TSH	TSH-TSH		00071	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00048	610MF	VS3- 0.71	0.33		0	<20	P 2
124	147	H	TSH-TSH	TSH-TSH		00071	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00048	610MF	09H+ 0.79	0.51		0	<20	P 2
126	147	H	TSH-TSH	TSH-TSH		00072	600BC					NDD	
		C	TEC-TSC	TEC-TSC		00069	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00048	610MF	09H+ 0.94	0.84		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00048	610MF	05C- 0.76	0.44		0	<20	P 2
		H	-	-		99999	610SL	TSC+ 0.0				NTE	4
93	148	H	TSH-TSH	TSH-TSH		00071	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00050	610MF	BW1+ 1.52	0.98		0	28	P 2
95	148	H	TSH-TSH	TSH-TSH		00072	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00050	610MF	BW1+ 2.19	0.61		0	<20	P 2
97	148	H	TSH-TSH	TSH-TSH		00071	600BC					NDD	

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ROW	LIN	LEG	EXAM	EXTENT	EXP	CAL	PROBE	LOCATION	VOLTS	CURRENT	MIL	DEG	%	CH
97	148	C	TEC-TEH	TEC-TEH		00050	610MF	08H- 0.25	0.45			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00050	610MF	VS2+ 0.34	1.02			0	29	P 2
		C	TEC-TEH	TEC-TEH		00050	610MF	VS3+ 1.55	8.72		174		INR	P 1
99	148	H	TSH-TSH	TSH-TSH		00072	600BC						NDD	
		C	TEC-TEH	TEC-TEH		00050	610MF	BW1- 1.61	0.57			0	<20	P 2
107	148	H	TSH-TSH	TSH-TSH		00072	600BC						NDD	
		C	TEC-TEH	TEC-TEH		00050	610MF	BW1+ 2.21	0.82			0	<20	P 2
113	148	H	TSH-TSH	TSH-TSH		00071	600BC						NDD	
		H	07H-08H	07H-08H		00090	600BC						NDD	
		C	TEC-TEH	TEC-TEH		00051	610MF	07H+ 41.81	0.44		126		NQI	1
123	148	H	TSH-TSH	TSH-TSH		00072	600BC						NDD	
		C	TEC-TEH	TEC-TEH		00050	610MF	08C- 0.78	0.32			0	<20	P 2
92	149	H	TSH-TSH	TSH-TSH		00071	600BC						NDD	
		C	TEC-TEH	TEC-TEH		00050	610MF	BW1+ 1.91	0.82			0	25	P 2
94	149	H	TSH-TSH	TSH-TSH		00071	600BC						NDD	
		C	TEC-TEH	TEC-TEH		00051	610MF	BW1+ 1.91	0.63			0	20	P 2
96	149	H	TSH-TSH	TSH-TSH		00071	600BC						NDD	
		C	TEC-TEH	TEC-TEH		00050	610MF	BW1+ 2.12	0.33			0	<20	P 2
100	149	H	TSH-TSH	TSH-TSH		00071	600BC						NDD	
		C	TEC-TEH	TEC-TEH		00050	610MF	BW1+ 2.07	0.52			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00050	610MF	VS3- 0.70	0.27			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00050	610MF	BW2- 1.55	0.47			0	<20	P 2
104	149	H	TSH-TSH	TSH-TSH		00071	600BC						NDD	
		C	TEC-TEH	TEC-TEH		00050	610MF	BW1+ 1.89	0.56			0	<20	P 2
106	149	H	TSH-01H	TSH-TSH		00073	600BC						NDD	
		H	TSH-01H	TSH-TSH		00083	600BC						NDD	
		H	TSH-01H	TSH-01H		00084	600BC						NDD	
		C	TEC-TEH	TEC-TEH		00051	610MF	TSH+ 15.28	0.55		67		NQI	P 1
110	149	H	TSH-TSH	TSH-TSH		00073	600BC						NDD	
		C	TEC-TEH	TEC-TEH		00051	610MF	BW1+ 1.87	0.50			0	<20	P 2
120	149	H	TSH-TSH	TSH-TSH		00071	600BC						NDD	
		C	TEC-TEH	TEC-TEH		00050	610MF	BW1+ 2.08	0.35			0	<20	P 2
122	149	H	TSH-TSH	TSH-TSH		00073	600BC						NDD	
		C	TEC-TEH	TEC-TEH		00051	610MF	09H+ 0.82	1.17			0	29	P 2
61	150	H	TSH-TSH	TSH-TSH		00069	600BC						NDD	
		C	TEC-TEH	TEC-TEH		00051	610MF	BW1+ 1.72	0.34			0	<20	P 2
67	150	H	TSH-TSH	TSH-TSH		00068	600BC						NDD	
		C	TEC-TEH	TEC-TEH		00050	610MF	BW1+ 2.09	0.49			0	<20	P 2
71	150	H	TSH-TSH	TSH-TSH		00074	600BC						NDD	
		C	TEC-TEH	TEC-TEH		00050	610MF	BW2- 1.04	0.35			0	<20	P 2
77	150	H	TSH-TSH	TSH-TSH		00073	600BC						NDD	
		C	TEC-TEH	TEC-TEH		00051	610MF	BW1+ 1.79	0.34			0	<20	P 2
79	150	H	TSH-TSH	TSH-TSH		00073	600BC						NDD	
		C	TEC-TEH	TEC-TEH		00050	610MF	BW1+ 1.87	0.61			0	<20	P 2
93	150	H	TSH-TSH	TSH-TSH		00073	600BC						NDD	

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ROW	LIN	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION		CURRENT				
			PROGRAM	ACTUAL						VOLTS	MIL	DEG	%	CH
93	150	C	TEC-TEH	TEC-TEH		00051	610MF	08H+	0.99	0.44		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00051	610MF	BW1+	1.92	0.98		0	26	P 2
119	150	H	TSH-TSH	TSH-TSH		00071	600BC						NDD	
		C	TEC-TEH	TEC-TEH		00050	610MF	VS5-	0.79	0.45		0	<20	P 2
129	150	H	TSH-TSH	TSH-TSH		00073	600BC						NDD	
		H	-	-		00000							TBP	
		C	TEC-TEH	TEC-TEH		00050	610MF	BW1+	1.96	0.68		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00050	610MF	VS7-	0.77	0.84		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00050	610MF	BW2+	1.41	1.37	98		46	P 1
		C	TEC-TEH	TEC-BW2		00064	610MF	BW2+	1.66	2.38		0	PID	P 2
		C	TEC-TEH	TEC-TEH		00050	610MF	03C+	0.87	0.25		0	<20	P 2
62	151	H	TSH-TSH	TSH-TSH		00068	600BC						NDD	
		C	TEC-TEH	TEC-TEH		00050	610MF	BW1-	2.06	0.69		0	<20	P 2
68	151	H	TSH-TSH	TSH-TSH		00066	610BC						NDD	
		C	TEC-TEH	TEC-TEH		00050	610MF	BW2-	1.38	0.49		0	<20	P 2
84	151	H	TSH-TSH	TSH-TSH		00074	600BC						NDD	
		C	TEC-TEH	TEC-TEH		00050	610MF	BW1-	2.17	0.47		0	<20	P 2
94	151	H	TSH-TSH	TSH-TSH		00073	600BC						NDD	
		C	TEC-TEH	TEC-TEH		00050	610MF	BW1+	2.13	0.70		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00050	610MF	VS2-	0.74	24.46		171	DNT	P 1
96	151	H	TSH-TSH	TSH-TSH		00074	600BC						NDD	
		C	TEC-TEH	TEC-TEH		00050	610MF	BW1+	1.97	0.26		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00050	610MF	VS6+	1.17	3.18		177	INR	P 1
98	151	H	TSH-TSH	TSH-TSH		00073	600BC						NDD	
		C	TEC-TEH	TEC-TEH		00050	610MF	BW1-	2.01	0.37		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00050	610MF	BW1+	2.11	0.53		0	<20	P 2
104	151	H	TSH-TSH	TSH-TSH		00073	600BC						NDD	
		C	TEC-TEH	TEC-TEH		00050	610MF	BW1+	2.03	0.43		0	<20	P 2
114	151	H	TSH-TSH	TSH-TSH		00074	600BC						NDD	
		C	TEC-TEH	TEC-TEH		00050	610MF	BW1-	2.12	0.28		0	<20	P 2
118	151	H	TSH-TSH	TSH-TSH		00074	600BC						NDD	
		C	TEC-TEH	TEC-TEH		00050	610MF	09H+	0.91	0.58		0	<20	P 2
120	151	H	TSH-TSH	TSH-TSH		00073	600BC						NDD	
		C	TEC-TEH	TEC-TEH		00050	610MF	09H+	0.78	1.06		0	23	P 2
122	151	H	TSH-TSH	TSH-TSH		00074	600BC						NDD	
		C	TEC-TEH	TEC-TEH		00050	610MF	09H-	1.05	0.40		0	<20	P 2
124	151	H	TSH-TSH	TSH-TSH		00073	600BC						NDD	
		C	TEC-TEH	TEC-TEH		00050	610MF	BW1+	2.17	0.47		0	<20	P 2
83	152	H	TSH-TSH	TSH-TSH		00074	600BC						NDD	
		C	TEC-TEH	TEC-TEH		00050	610MF	BW1-	2.01	0.49		0	<20	P 2
85	152	H	TSH-TSH	TSH-TSH		00073	600BC						NDD	
		C	TEC-TEH	TEC-TEH		00050	610MF	08H-	0.09	0.50		0	<20	P 2
93	152	H	TSH-TSH	TSH-TSH		00073	600BC						NDD	
		C	TEC-TEH	TEC-TEH		00050	610MF	BW1+	2.24	0.86		0	20	P 2
		C	TEC-TEH	TEC-TEH		00050	610MF	BW2-	1.18	0.74		0	<20	P 2

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STEAM GENERATOR : 32
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SELECTION VARIABLES: Percent

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ROW	LIN	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION	CURRENT				
			PROGRAM	ACTUAL					VOLTS	MIL	DEG	%	CH
95	152	H	TSH-TSH	TSH-TSH		00074	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00050	610MF	BW1- 2.78	0.43		0	<20	P 2
99	152	H	TSH-TSH	TSH-TSH		00074	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00050	610MF	BW1- 2.22	1.25		0	26	P 2
		C	TEC-TEH	TEC-TEH		00050	610MF	BW1- 1.92	0.43		0	<20	P 2
107	152	H	TSH-TSH	TSH-TSH		00074	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00054	610MF	BW1+ 2.12	0.34		0	<20	P 2
111	152	H	TSH-TSH	TSH-TSH		00074	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00054	610MF	BW1+ 2.21	0.98		0	26	P 2
117	152	H	TSH-TSH	TSH-TSH		00073	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00054	610MF	09H- 1.14	1.47		0	29	P 2
78	153	H	TSH-TSH	TSH-TSH		00073	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00054	610MF	BW1+ 1.80	0.73		0	<20	P 2
94	153	H	TSH-TSH	TSH-TSH		00073	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00054	610MF	08H+ 0.69	0.83		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00054	610MF	BW1+ 1.94	0.49		0	<20	P 2
96	153	H	TSH-TSH	TSH-TSH		00074	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00054	610MF	08H- 0.09	0.83		0	23	P 2
98	153	H	TSH-TSH	TSH-TSH		00073	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00054	610MF	BW1- 2.14	0.66		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00054	610MF	BW1+ 1.98	0.58		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00054	610MF	VS6+ 1.25	4.62		175	INR	P 1
100	153	H	TSH-TSH	TSH-TSH		00074	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00054	610MF	BW1+ 1.83	0.36		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00054	610MF	VS3+ 0.09	0.88		0	<20	P 2
102	153	H	TSH-TSH	TSH-TSH		00073	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00054	610MF	BW1+ 1.68	0.47		0	<20	P 2
108	153	H	TSH-TSH	TSH-TSH		00074	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00054	610MF	BW1+ 2.07	0.45		0	<20	P 2
110	153	H	TSH-TSH	TSH-TSH		00073	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00054	610MF	BW1+ 1.80	0.62		0	<20	P 2
112	153	H	TSH-TSH	TSH-TSH		00074	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00077	610MF	08H+ 16.26	0.51		38	PID	P 1
		C	TEC-TEH	TEC-TEH		00054	610MF	08H+ 16.55	0.56		64	NQI	P 1
		H	08H-BW1	08H-BW1		00090	600BC	08H+ 17.01	1.17		0	SVI	P 2
114	153	H	TSH-TSH	TSH-TSH		00073	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00054	610MF	BW1+ 1.74	0.90		0	<20	P 2
118	153	H	TSH-TSH	TSH-TSH		00073	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00054	610MF	09H+ 1.29	1.72		0	31	P 2
77	154	H	TSH-TSH	TSH-TSH		00074	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00054	610MF	BW1+ 1.61	0.30		0	<20	P 2
79	154	H	TSH-TSH	TSH-TSH		00073	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00055	610MF	BW1+ 2.10	0.54		0	<20	P 2
85	154	H	TSH-TSH	TSH-TSH		00074	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00054	610MF	BW1+ 1.82	0.39		0	<20	P 2

MID CYCLE

CUMULATIVE REPORT
12/93, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

STEAM GENERATOR : 32
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

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ROW	LIN	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION	CURRENT				
			PROGRAM	ACTUAL					VOLTS	MIL	DEG	%	CH
87	154	H	TSH-TSH	TSH-TSH		00073	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00055	610MF	VS2- 0.87	0.54		0	<20	P 2
91	154	H	TSH-TSH	TSH-TSH		00073	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00055	610MF	BW1+ 2.11	0.24		0	<20	P 2
93	154	H	TSH-TSH	TSH-TSH		00074	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00054	610MF	BW1+ 1.86	0.32		0	<20	P 2
97	154	H	TSH-TSH	TSH-TSH		00074	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00054	610MF	BW1+ 2.01	0.45		0	<20	P 2
99	154	H	TSH-TSH	TSH-TSH		00073	600BC					NDD	
		H	BW1-VS3	BW1-VS3		00088	580BC	BW1+ 1.66	0.72		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00055	610MF	BW1+ 1.99	0.33		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00055	610MF	BW1+ 3.54	0.31		143	NQI	P 1
		C	TEC-TEH	TEC-TEH		00055	610MF	VS2+ 0.67	0.37		0	<20	P 2
		H	BW1-VS3	BW1-VS3		00088	580BC	VS2+ 3.33	1.11		0	SVI	P 2
		C	TEC-TEH	TEC-TEH		00077	610MF	VS2+ 3.33	0.58		129	PID	P 1
		C	TEC-TEH	TEC-TEH		00055	610MF	VS2+ 3.40	0.79		136	32	1
101	154	H	TSH-TSH	TSH-TSH		00074	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00054	610MF	BW1+ 1.76	1.04		0	23	P 2
107	154	H	TSH-TSH	TSH-TSH		00073	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00055	610MF	BW1+ 2.12	0.37		0	<20	P 2
109	154	H	TSH-TSH	TSH-TSH		00074	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00054	610MF	BW1+ 1.99	0.78		0	<20	P 2
111	154	H	TSH-TSH	TSH-TSH		00073	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00055	610MF	BW1- 2.08	0.24		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00055	610MF	BW1+ 1.99	0.33		0	<20	P 2
117	154	H	TSH-TSH	TSH-TSH		00074	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00054	610MF	09H- 1.09	0.63		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00054	610MF	09H+ 1.00	2.00		0	34	P 2
70	155	H	TSH-TSH	TSH-TSH		00066	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00055	610MF	07H+ 36.34	8.96		168	INR	P 1
		C	TEC-TEH	TEC-TEH		00055	610MF	BW1+ 2.01	0.42		0	<20	P 2
88	155	H	TSH-TSH	TSH-TSH		00074	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00054	610MF	06H- 0.96	0.34		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00054	610MF	BW1+ 1.79	0.34		0	<20	P 2
92	155	H	TSH-TSH	TSH-TSH		00074	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00054	610MF	BW1+ 2.00	0.62		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00054	610MF	VS2- 0.98	10.01		177	INR	P 1
96	155	H	TSH-TSH	TSH-TSH		00073	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00054	610MF	BW1+ 2.08	0.80		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00054	610MF	VS2- 0.67	16.67		175	INR	P 1
114	155	H	TSH-TSH	TSH-TSH		00073	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00054	610MF	BW1- 2.13	0.50		0	<20	P 2
116	155	H	TSH-TSH	TSH-TSH		00074	600BC					NDD	
		H	-	-		00000						TBP	
		C	TEC-TEH	TEC-TEH		00055	610MF	09H- 1.01	1.24		0	29	P 2

MID CYCLE

CUMULATIVE REPORT
12/93, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

STEAM GENERATOR : 32
OUTAGE DATA SET : CURRENT
ELECTION VARIABLES: Percent

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ROW	LIN	LEG	EXAM PROGRAM	EXTENT ACTUAL	EXP	CAL	PROBE	LOCATION	VOLTS	CURRENT MIL	DEG	%	CH
116	155	H	09H-09H	09H-09H		00090	600BC	09H- 0.65	2.53		0	34	P 2
69	156	H	TSH-TSH	TSH-TSH		00066	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00054	610MF	BW1- 2.12	0.63		0	<20	P 2
83	156	C	TEC-TEH	TEC-TEH		00055	610MF					BDA	
		H	TSH-TSH	TSH-TSH		00073	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00064	610MF	BW1+ 1.64	0.48		0	26	P 2
		H	BW1-VS3	BW1-VS3		00088	580BC	BW1+ 1.85	1.04		0	21	P 2
		C	TEC-TEH	TEC-TEH		00064	610MF	BW1+ 3.11	4.55		15	NQI	P 1
85	156	H	TSH-TSH	TSH-TSH		00073	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00054	610MF	BW1+ 2.13	0.61		0	<20	P 2
87	156	H	TSH-TSH	TSH-TSH		00073	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00055	610MF	BW1+ 1.88	0.63		0	<20	P 2
93	156	H	TSH-TSH	TSH-TSH		00073	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00054	610MF	BW1- 2.23	0.26		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00054	610MF	BW1+ 1.92	0.48		0	<20	P 2
95	156	C	TEC-TEH	TEC-TEH		00055	610MF					BDA	
		H	TSH-TSH	TSH-TSH		00073	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00064	610MF	BW1+ 1.53	0.16		0	<20	P 2
97	156	H	TSH-TSH	TSH-TSH		00073	600BC					NDD	
		H	BW1-VS2	BW1-VS2		00088	580BC					NDD	
		C	TEC-TEH	TEC-TEH		00054	610MF	BW1+ 22.39	1.08		153	NQI	P 1
99	156	H	TSH-TSH	TSH-TSH		00073	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00055	610MF	BW1+ 2.03	0.56		0	<20	P 2
101	156	H	TSH-TSH	TSH-TSH		00073	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00054	610MF	BW1+ 1.82	0.69		0	<20	P 2
105	156	H	TSH-TSH	TSH-TSH		00073	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00054	610MF	BW1+ 1.97	0.45		0	<20	P 2
121	156	C	TEC-TEH	TEC-TEH		00054	610MF					NDD	
		H	TSH-TSH	TSH-TSH		00073	600BC					NDD	
		C	TEC-TSC	TEC-TSC		00069	600BC	TSC+ 1.04	0.44		0	PLP	11
		C	-	-		99999	610UL	TSC+ 0.0	10.88		278	NTE	6
64	157	H	TSH-TSH	TSH-TSH		00066	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00055	610MF	BW1- 1.89	0.33		0	<20	P 2
70	157	H	TSH-TSH	TSH-TSH		00066	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00054	610MF	08H+ 0.60	0.53		0	<20	P 2
72	157	H	TSH-TSH	TSH-TSH		00073	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00055	610MF	BW1- 1.70	0.35		0	<20	P 2
78	157	H	TSH-TSH	TSH-TSH		00073	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00054	610MF	BW1+ 1.89	0.35		0	<20	P 2
80	157	H	TSH-TSH	TSH-TSH		00073	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00055	610MF	BW1+ 1.92	0.42		0	<20	P 2
84	157	H	TSH-TSH	TSH-TSH		00073	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00055	610MF	BW1+ 1.84	0.44		0	<20	P 2
88	157	H	TSH-TSH	TSH-TSH		00073	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00055	610MF	BW1+ 2.10	0.31		0	<20	P 2

MID CYCLE



CUMULATIVE REPORT
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STEAM GENERATOR : 32
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

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ROW	LIN	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION	VOLTS	CURRENT			
			PROGRAM	ACTUAL						MIL	DEG	%	CH
94	157	H	TSH-TSH	TSH-TSH		00075	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00054	610MF	BW1+ 1.98	0.45		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00054	610MF	VS2- 0.73	18.21		175	INR	P 1
100	157	H	TSH-TSH	TSH-TSH		00073	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00055	610MF	08H+ 0.99	0.58		0	<20	P 2
108	157	C	TEC-TEH	TEC-TEH		00055	610MF					BDA	
		H	TSH-TSH	TSH-TSH		00073	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00064	610MF	BW1+ 1.90	0.26		0	<20	P 2
112	157	H	TSH-TSH	TSH-TSH		00073	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00055	610MF	BW1- 1.91	0.40		0	<20	P 2
114	157	H	TSH-TSH	TSH-TSH		00075	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00054	610MF	BW1- 2.02	1.14		0	<20	P 2
118	157	H	TSH-TSH	TSH-TSH		00073	600BC					NDD	
		C	TSC-01C	TSC-01C		00074	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00054	610MF	BW1- 2.15	0.99		0	<20	P 2
73	158	H	TSH-TSH	TSH-TSH		00073	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00054	610MF	06H+ 0.87	0.37		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00054	610MF	08H+ 0.97	0.73		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00054	610MF	BW1+ 2.13	0.62		0	<20	P 2
77	158	H	TSH-TSH	TSH-TSH		00073	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00054	610MF	08H- 0.73	0.39		0	<20	P 2
79	158	H	TSH-TSH	TSH-TSH		00075	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00055	610MF	BW1+ 1.97	0.47		0	<20	P 2
87	158	H	TSH-TSH	TSH-TSH		00075	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00055	610MF	BW1+ 1.93	0.37		0	<20	P 2
89	158	H	TSH-TSH	TSH-TSH		00073	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00054	610MF	08H+ 0.91	0.65		0	<20	P 2
91	158	H	TSH-TSH	TSH-TSH		00075	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00055	610MF	08H+ 0.72	0.44		0	<20	P 2
93	158	H	TSH-TSH	TSH-TSH		00073	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00054	610MF	BW1+ 1.73	0.56		0	<20	P 2
97	158	H	TSH-TSH	TSH-TSH		00073	600BC					NDD	
		C	VS6-VS5	VS6-VS5		00071	580BC					NDD	
		C	TEC-TEH	TEC-TEH		00054	610MF	VS5+ 1.43	0.40		147	NQI	1
101	158	H	TSH-TSH	TSH-TSH		00073	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00054	610MF	08H+ 0.94	0.69		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00054	610MF	VS2+ 0.82	11.33		176	INR	P 1
107	158	H	TSH-TSH	TSH-TSH		00075	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00055	610MF	BW1+ 1.90	0.49		0	<20	P 2
115	158	H	TSH-TSH	TSH-TSH		00075	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00055	610MF	BW1+ 1.86	0.31		0	<20	P 2
58	159	C	TEC-TEH	TEC-TEH		00055	610MF					BDA	
		H	TSH-TSH	TSH-TSH		00066	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00057	610MF	VS3+ 0.85	0.50		0	<20	P 2
80	159	H	TSH-TSH	TSH-TSH		00075	600BC					NDD	

MID CYCLE

CUMULATIVE REPORT
12/93, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

STEAM GENERATOR : 32
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

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ROW	LIN	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION	VOLTS	CURRENT			
			PROGRAM	ACTUAL						MIL	DEG	%	CH
80	159	H	-	-		00000						TBP	
		C	TEC-TEH	TEC-TEH		00054	610MF	08H+ 0.54	2.28		0	40	P 2
		C	TEC-TEH	TEC-08H		00064	610MF	08H+ 0.65	1.54		0	PID	P 2
94	159	H	TSH-TSH	TSH-TSH		00073	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00055	610MF	BW1+ 1.93	0.42		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00055	610MF	VS2- 0.82	21.46	165		DNT	P 1
100	159	H	TSH-TSH	TSH-TSH		00075	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00054	610MF	BW1+ 2.13	0.56		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00054	610MF	VS2+ 0.55	0.62		0	<20	P 2
110	159	H	TSH-TSH	TSH-TSH		00073	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00055	610MF	BW1+ 2.11	0.38		0	<20	P 2
85	160	H	TSH-TSH	TSH-TSH		00073	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00054	610MF	08H+ 0.94	1.42		0	28	P 2
87	160	C	TEC-TEH	TEC-TEH		00055	610MF					BDA	
		H	TSH-TSH	TSH-TSH		00075	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00057	610MF	08H+ 0.91	0.79		0	22	P 2
91	160	C	TEC-TEH	TEC-TEH		00055	610MF					BDA	
		H	TSH-TSH	TSH-TSH		00075	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00057	610MF	08H+ 0.90	0.76		0	21	P 2
93	160	H	TSH-TSH	TSH-TSH		00073	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00054	610MF	08H+ 0.85	0.35		0	<20	P 2
101	160	H	TSH-TSH	TSH-TSH		00073	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00054	610MF	BW1+ 1.49	0.60		0	<20	P 2
113	160	H	TSH-TSH	TSH-TSH		00073	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00054	610MF	BW1+ 1.74	0.45		0	<20	P 2
60	161	H	TSH-TSH	TSH-TSH		00064	610BC					BDA	
		H	TSH-TSH	TSH-TSH		00082	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00056	610MF	BW1- 1.95	0.36		0	<20	P 2
68	161	H	TSH-TSH	TSH-TSH		00064	610BC					BDA	
		H	TSH-TSH	TSH-TSH		00082	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00056	610MF	BW1- 2.24	0.64		0	<20	P 2
74	161	H	TSH-TSH	TSH-TSH		00073	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00056	610MF	08H+ 1.02	0.26		0	<20	P 2
78	161	H	TSH-TSH	TSH-TSH		00073	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00056	610MF	08H+ 0.90	0.34		0	<20	P 2
86	161	H	TSH-TSH	TSH-TSH		00073	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00056	610MF	BW1- 1.91	0.64		0	<20	P 2
98	161	H	TSH-TSH	TSH-TSH		00073	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00056	610MF	BW1- 1.87	0.44		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00056	610MF	VS6- 0.70	7.77	172		INR	P 1
104	161	H	TSH-TSH	TSH-TSH		00075	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00056	610MF	BW1- 1.98	0.51		0	<20	P 2
106	161	H	TSH-TSH	TSH-TSH		00073	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00056	610MF	BW1- 1.82	0.64		0	<20	P 2
110	161	H	TSH-TSH	TSH-TSH		00073	600BC					NDD	

MID CYCLE

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STEAM GENERATOR : 32
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

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TIME: 11:04:24

ROW	LIN	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION	CURRENT				
			PROGRAM	ACTUAL					VOLTS	MIL	DEG	%	CH
110	161	C	TEC-TEH	TEC-TEH		00056	610MF	BW1- 1.77	0.69		0	<20	P 2
69	162	H	TSH-TSH	TSH-TSH		00064	610BC					BDA	
		H	TSH-TSH	TSH-TSH		00082	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00056	610MF	BW1+ 1.36	0.27		0	<20	P 2
81	162	H	TSH-TSH	TSH-TSH		00075	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00057	610MF	08H+ 0.97	0.77		0	22	P 2
101	162	C	TEC-TEH	TEC-TEH		00057	610MF					BDA	
		H	TSH-TSH	TSH-TSH		00075	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00064	610MF	08H+ 1.06	0.63		0	24	P 2
		C	TEC-TEH	TEC-TEH		00064	610MF	BW1+ 1.93	0.50		0	21	P 2
70	163	H	TSH-TSH	TSH-TSH		00065	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00056	610MF	VS3+ 0.53	0.62		0	<20	P 2
76	163	H	TSH-TSH	TSH-TSH		00075	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00056	610MF	08H+ 0.70	1.04		0	21	P 2
		C	TEC-TEH	TEC-TEH		00056	610MF	VS3+ 0.72	0.68		0	<20	P 2
90	163	H	TSH-TSH	TSH-TSH		00073	600BC					NDD	
		H	-	-		00000						TBP	
		C	TEC-TEH	TEC-TEH		00056	610MF	08H+ 0.76	1.26		0	40	P 2
		C	TEC-TEH	TEC-08H		00064	610MF	08H+ 0.99	0.85		0	PID	P 2
94	163	H	TSH-TSH	TSH-TSH		00073	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00056	610MF	VS5- 0.94	0.64		0	<20	P 2
02	163	H	TSH-TSH	TSH-TSH		00073	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00057	610MF	08H+ 0.91	0.50		0	<20	P 2
57	164	H	TSH-TSH	TSH-TSH		00064	610BC					BDA	
		H	TSH-TSH	TSH-TSH		00082	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00056	610MF	VS5+ 0.53	0.62		0	<20	P 2
87	164	H	TSH-TSH	TSH-TSH		00073	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00057	610MF	BW1+ 1.95	0.36		0	<20	P 2
89	164	H	TSH-TSH	TSH-TSH		00075	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00056	610MF	VS3+ 0.81	0.52		0	<20	P 2
93	164	H	TSH-TSH	TSH-TSH		00075	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00056	610MF	BW1+ 1.90	0.23		0	<20	P 2
95	164	H	TSH-TSH	TSH-TSH		00073	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00057	610MF	08H+ 0.99	0.93		0	25	P 2
97	164	H	TSH-TSH	TSH-TSH		00075	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00056	610MF	08H+ 0.65	0.78		0	<20	P 2
101	164	H	TSH-TSH	TSH-TSH		00075	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00056	610MF	VS6+ 0.87	0.42		0	<20	P 2
66	165	H	TSH-TSH	TSH-TSH		00065	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00057	610MF	BW1+ 1.57	0.72		0	20	P 2
68	165	H	TSH-TSH	TSH-TSH		00064	610BC					BDA	
		H	TSH-TSH	TSH-TSH		00082	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00056	610MF	BW1- 2.04	0.53		0	26	P 2
		C	TEC-TEH	TEC-TEH		00056	610MF	BW1+ 1.92	0.41		0	<20	P 2
70	165	H	TSH-TSH	TSH-TSH		00065	600BC					NDD	

MID CYCLE

CUMULATIVE REPORT
12/93, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

STEAM GENERATOR : 32
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SELECTION VARIABLES: Percent

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ROW	LIN	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION	CURRENT				
			PROGRAM	ACTUAL					VOLTS	MIL	DEG	%	CH
70	165	C	BW2-VS3	BW2-VS3		00071	580BC					NDD	
		C	TEC-TEH	TEC-TEH		00057	610MF	VS3+ 26.88	0.29		94	NQI	1
		C	TEC-TEH	TEC-TEH		00057	610MF	VS5- 1.74	0.32		79	NQI	1
86	165	H	TSH-TSH	TSH-TSH		00075	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00056	610MF	08H+ 0.72	0.50		0	<20	P 2
102	165	H	TSH-TSH	TSH-TSH		00075	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00056	610MF	BW1+ 1.66	0.30		0	<20	P 2
67	166	H	TSH-TSH	TSH-TSH		00065	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00057	610MF	BW1+ 1.54	0.22		0	<20	P 2
69	166	H	TSH-TSH	TSH-TSH		00065	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00056	610MF	VS3- 0.68	0.42		0	<20	P 2
71	166	H	TSH-TSH	TSH-TSH		00075	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00057	610MF	BW1+ 1.71	0.36		0	<20	P 2
85	166	H	TSH-TSH	TSH-TSH		00075	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00056	610MF	08H+ 0.95	1.06		0	24	P 2
87	166	H	TSH-TSH	TSH-TSH		00076	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00057	610MF	BW1+ 2.10	0.46		0	<20	P 2
89	166	H	TSH-TSH	TSH-TSH		00075	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00056	610MF	TSH+ 0.14	0.99		125	DTI	P 4
68	167	H	TSH-TSH	TSH-TSH		00064	610BC					NDD	
		C	TEC-TEH	TEC-TEH		00057	610MF	08H- 0.88	0.55		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00057	610MF	BW1- 1.86	0.38		0	<20	P 2
70	167	H	TSH-TSH	TSH-TSH		00065	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00056	610MF	BW1+ 1.87	0.44		0	<20	P 2
72	167	H	TSH-TSH	TSH-TSH		00075	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00057	610MF	BW1- 1.92	0.46		0	<20	P 2
74	167	H	TSH-TSH	TSH-TSH		00076	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00056	610MF	08H+ 0.83	0.77		0	<20	P 2
88	167	H	TSH-TSH	TSH-TSH		00075	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00057	610MF	BW1+ 1.87	0.41		0	<20	P 2
96	167	H	TSH-TSH	TSH-TSH		00075	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00057	610MF	VS2- 1.20	21.01		176	DNT	P 1
		C	TEC-TEH	TEC-TEH		00057	610MF	VS3- 0.63	0.47		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00057	610MF	VS6- 0.97	21.75		176	DNT	P 1
73	168	H	TSH-TSH	TSH-TSH		00075	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00056	610MF	BW1+ 1.95	0.62		0	<20	P 2
75	168	H	TSH-TSH	TSH-TSH		00076	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00057	610MF	08H- 0.95	0.24		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00057	610MF	08H+ 0.89	1.53		0	32	P 2
		C	TEC-TEH	TEC-TEH		00057	610MF	VS5- 0.67	0.34		0	<20	P 2
79	168	H	TSH-TSH	TSH-TSH		00076	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00057	610MF	BW1+ 1.73	0.24		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00057	610MF	VS3+ 0.75	1.53		0	32	P 2
81	168	H	TSH-TSH	TSH-TSH		00075	600BC					NDD	
		C	TEC-TEH	TEC-TEH		00056	610MF	08H+ 0.86	0.92		0	22	P 2

MID CYCLE

CUMULATIVE REPORT
12/93, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

STEAM GENERATOR : 32
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

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DATE: 12/28/93
TIME: 11:04:24

ROW	LIN	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION		CURRENT				
			PROGRAM	ACTUAL						VOLTS	MIL	DEG	%	CH
85	168	H	TSH-TSH	TSH-TSH		00075	600BC						NDD	
		H	-	-		00000							TBP	
		C	TEC-TEH	TEC-TEH		00056	610MF	08H+ 0.72		2.06		0	36	P 2
		C	TEC-TEH	TEC-08H		00064	610MF	08H+ 0.95		2.38		0	PID	P 2
		C	TEC-TEH	TEC-TEH		00056	610MF	BW1+ 1.43		0.60		0	<20	P 2
87	168	H	TSH-TSH	TSH-TSH		00076	600BC						NDD	
		C	TEC-TEH	TEC-TEH		00057	610MF	08H+ 0.94		0.89		0	24	P 2
		C	TEC-TEH	TEC-TEH		00057	610MF	BW1+ 1.81		0.21		0	<20	P 2
93	168	H	TSH-TSH	TSH-TSH		00075	600BC						NDD	
		C	TEC-TEH	TEC-TEH		00056	610MF	08H+ 0.68		0.62		0	28	P 2
82	169	H	TSH-TSH	TSH-TSH		00076	600BC						NDD	
		C	TEC-TEH	TEC-TEH		00057	610MF	08H+ 0.86		0.91		0	24	P 2
86	169	H	TSH-TSH	TSH-TSH		00076	600BC						NDD	
		C	TEC-TEH	TEC-TEH		00057	610MF	08H+ 0.83		0.93		0	25	P 2
77	170	H	TSH-TSH	TSH-TSH		00076	600BC						NDD	
		C	TEC-TEH	TEC-TEH		00058	610MF	08H+ 0.64		0.57		0	<20	P 2
81	170	H	TSH-TSH	TSH-TSH		00076	600BC						NDD	
		C	TEC-TEH	TEC-TEH		00058	610MF	08H+ 0.77		0.52		0	<20	P 2
85	170	H	TSH-TSH	TSH-TSH		00075	600BC						NDD	
		C	TEC-TEH	TEC-TEH		00059	610MF	08H+ 0.52		0.31		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00059	610MF	BW1+ 1.94		0.51		0	<20	P 2
87	170	H	TSH-TSH	TSH-TSH		00075	600BC						NDD	
		C	TEC-TEH	TEC-TEH		00058	610MF	08H+ 0.65		0.47		0	<20	P 2
62	171	H	TSH-TSH	TSH-TSH		00063	610BC						NDD	
		C	TEC-TEH	TEC-TEH		00059	610MF	BW1+ 1.76		0.74		0	23	P 2
76	171	H	TSH-TSH	TSH-TSH		00075	600BC						NDD	
		C	TEC-TEH	TEC-TEH		00058	610MF	08H+ 0.76		0.50		0	<20	P 2
86	171	H	TSH-TSH	TSH-TSH		00076	600BC						NDD	
		C	TEC-TEH	TEC-TEH		00059	610MF	BW1+ 1.62		0.73		0	24	P 2
61	172	H	TSH-TSH	TSH-TSH		00062	610BC						NDD	
		C	TEC-TEH	TEC-TEH		00058	610MF	VS5- 1.10		0.69		0	<20	P 2
79	172	H	TSH-TSH	TSH-TSH		00076	600BC						NDD	
		C	TEC-TEH	TEC-TEH		00058	610MF	08H+ 0.84		0.76		0	<20	P 2
70	173	H	TSH-TSH	TSH-TSH		00063	610BC						NDD	
		C	TEC-TEH	TEC-TEH		00058	610MF	VS3+ 0.70		0.34		0	<20	P 2
72	173	H	TSH-TSH	TSH-TSH		00075	600BC						NDD	
		C	TEC-TEH	TEC-TEH		00058	610MF	VS3+ 0.79		0.40		0	<20	P 2
76	173	H	TSH-TSH	TSH-TSH		00075	600BC						NDD	
		C	TEC-TEH	TEC-TEH		00058	610MF	08H- 1.00		0.23		0	<20	P 2
57	174	H	TSH-TSH	TSH-TSH		00062	610BC						NDD	
		C	TEC-TEH	TEC-TEH		00058	610MF	BW1- 1.76		0.52		0	<20	P 2
61	174	H	TSH-TSH	TSH-TSH		00062	610BC						NDD	
		C	TEC-TEH	TEC-TEH		00058	610MF	BW1+ 2.03		0.84		0	<20	P 2
66	175	H	TSH-TSH	TSH-TSH		00061	610BC						NDD	
		C	TEC-TEH	TEC-TEH		00058	610MF	BW2+ 2.29		0.54		0	<20	P 2

MID CYCLE

CUMULATIVE REPORT
12/93, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

STEAM GENERATOR : 32
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

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DATE: 12/28/93
TIME: 11:04:24

ROW	LIN	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION		VOLTS	CURRENT			
			PROGRAM	ACTUAL							MIL	DEG	%	CH
66	175	C	TEC-TEH	TEC-TEH		00058	610MF	07C+	0.57	0.72		0	<20	P 2
72	175	H	TSH-TSH	TSH-TSH		00075	600BC						NDD	
		C	TEC-TEH	TEC-TEH		00059	610MF	BW1+	1.51	1.00		0	28	P 2
74	175	H	TSH-TSH	TSH-TSH		00076	600BC						NDD	
		C	TEC-TEH	TEC-TEH		00058	610MF	08H+	0.85	0.42		0	<20	P 2
57	176	H	TSH-TSH	TSH-TSH		00061	610BC						NDD	
		C	TEC-TEH	TEC-TEH		00058	610MF	BW1+	2.19	0.42		0	<20	P 2
61	176	H	TSH-TSH	TSH-TSH		00061	610BC						NDD	
		C	TEC-TEH	TEC-TEH		00058	610MF	VS5-	0.97	0.42		0	<20	P 2
79	176	H	TSH-TSH	TSH-TSH		00076	600BC						NDD	
		C	TEC-TEH	TEC-TEH		00059	610MF	05C+	0.61	0.50		0	<20	P 2
65	178	H	TSH-TSH	TSH-TSH		00061	610BC						NDD	
		C	TEC-TEH	TEC-TEH		00058	610MF	BW1-	1.81	0.52		0	<20	P 2
45	180	H	TSH-TSH	TSH-TSH		00061	610BC						NDD	
		H	05H-06H	05H-06H		00090	600BC						NDD	
		C	TEC-TEH	TEC-TEH		00058	610MF	05H+	28.48	1.58		30	NQI	P 1
39	182	H	TSH-TSH	TSH-TSH		00060	610BC						NDD	
		C	TEC-TEH	TEC-TEH		00059	610MF	BW1+	1.42	0.45		0	<20	P 2
45	182	H	TSH-TSH	TSH-TSH		00061	610BC						NDD	
		C	TEC-TEH	TEC-TEH		00058	610MF	VS4-	0.73	0.79		0	<20	P 2
49	182	H	TSH-TSH	TSH-TSH		00061	610BC						NDD	
		C	TEC-TEH	TEC-TEH		00058	610MF	VS4-	0.85	1.81		0	30	P 2
48	183	H	TSH-TSH	TSH-TSH		00061	610BC						NDD	
		C	TEC-TEH	TEC-TEH		00058	610MF	03C+	0.91	0.96		0	<20	P 2
45	184	H	TSH-TSH	TSH-TSH		00062	610BC						NDD	
		C	07C-BW2	07C-BW2		00071	580BC						NDD	
		C	TEC-TEH	TEC-TEH		00058	610MF	07C+	28.18	1.43		25	NQI	P 1
49	184	H	TSH-TSH	TSH-TSH		00062	610BC						NDD	
		C	TEC-TEH	TEC-TEH		00058	610MF	VS4+	0.82	0.94		0	<20	P 2
44	185	H	TSH-TSH	TSH-TSH		00062	610BC						NDD	
		C	TSC-01C	TSC-01C		00074	600BC						NDD	
		C	TEC-TEH	TEC-TEH		00058	610MF	02H+	2.17	1.09		160	INR	1
		C	TEC-TEH	TEC-TEH		00058	610MF	04C+	0.82	1.23		0	23	P 2
46	185	H	TSH-TSH	TSH-TSH		00061	610BC						NDD	
		C	TEC-TEH	TEC-TEH		00058	610MF	03C+	0.93	1.18		0	22	P 2
18	187	H	TSH-TSH	TSH-TSH		00061	610BC						NDD	
		C	05C-06C	05C-06C		00073	600BC	05C+	35.40	0.57		0	PID	1
		C	TEC-TEH	TEC-TEH		00059	610MF	05C+	34.91	0.41		133	NQI	1
		C	05C-06C	05C-06C		00068	600BC	05C+	34.82	0.47		0	SVI	1

MID CYCLE

CUMULATIVE REPORT
12/93, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

STEAM GENERATOR : 32
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

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NUMBER OF TUBES SELECTED FROM CURRENT OUTAGE: 807
NUMBER OF DATA RECORDS SELECTED FROM CURRENT OUTAGE: 2019

NO TREND ANALYSIS REQUESTED

DATA SELECTION CRITERIA:

Percent: MAI, MCI, PID, SAI, SCI, SVI, TBP, BLI, DRI, DSI, DTI, NQI, NTE, OBS, 0 to 100%

REPORT OPTIONS:

All results are included for tubes with at least one call meeting criteria

MID CYCLE

APPENDIX D

MAPS OF BOBBIN COIL AND MRPC EXAMINATIONS COMPLETE

12/93, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

STEAM GENERATOR: 31

OUTAGE DATA SET : CURRENT

Probe: 01 BOBBIN / MID FREQ AND Exam Extent: Tubes Examined to Any Extent Between TSH and TSC

DATE: 12/30/93

TIME: 08:28:46

STAYS

PLUGGED

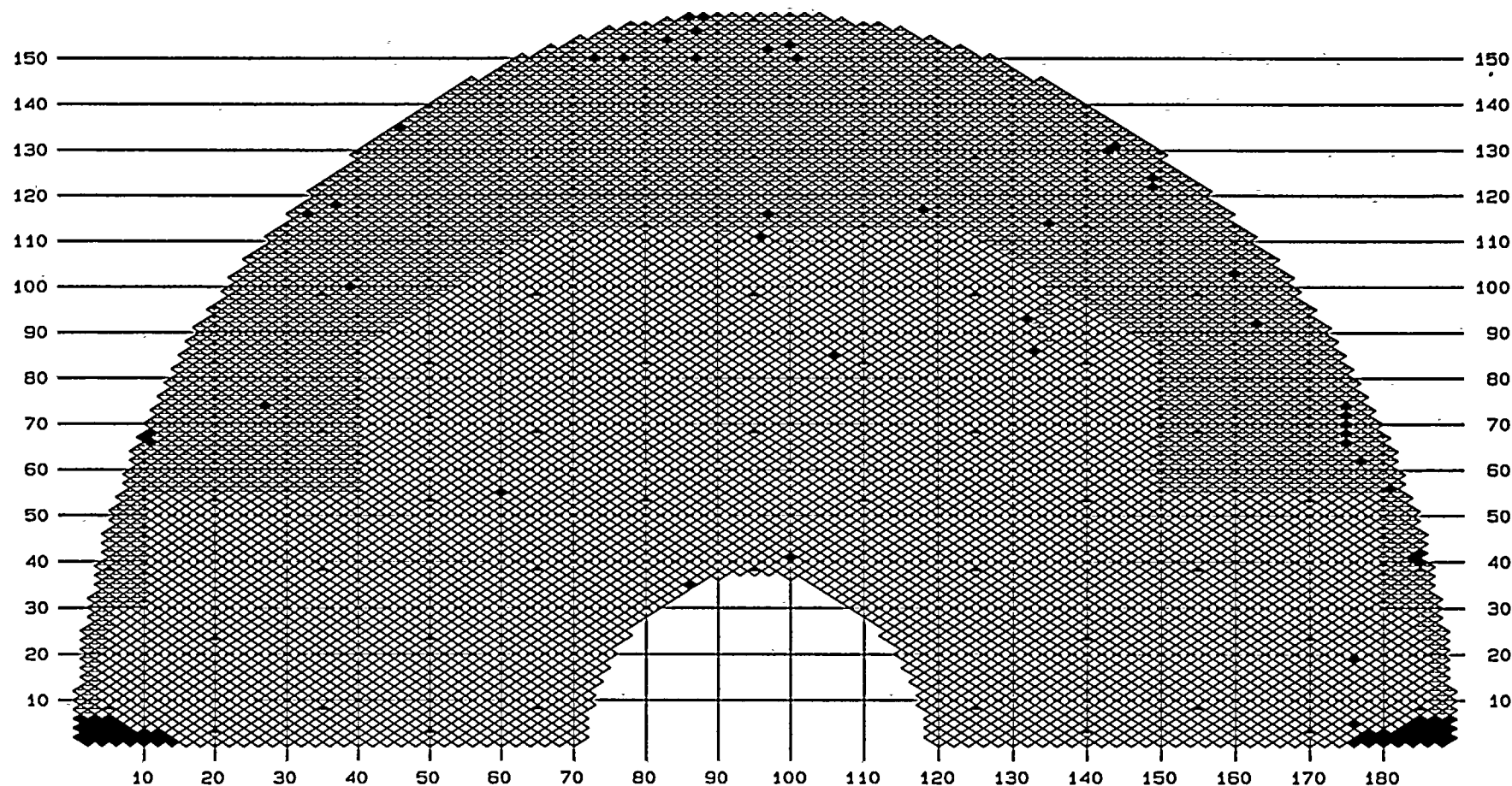
105 ♦

TEH-TEC

4099 -

BW1-TSC

1 ♦



MID CYCLE

CONAM NUCLEAR, INC. BW

12/93, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

STEAM GENERATOR: 31

OUTAGE DATA SET : CURRENT

Probe: 02 MRPC / BIG COIL AND Exam Extent: Tubes Examined TSH-TSH or More

DATE: 01/04/94

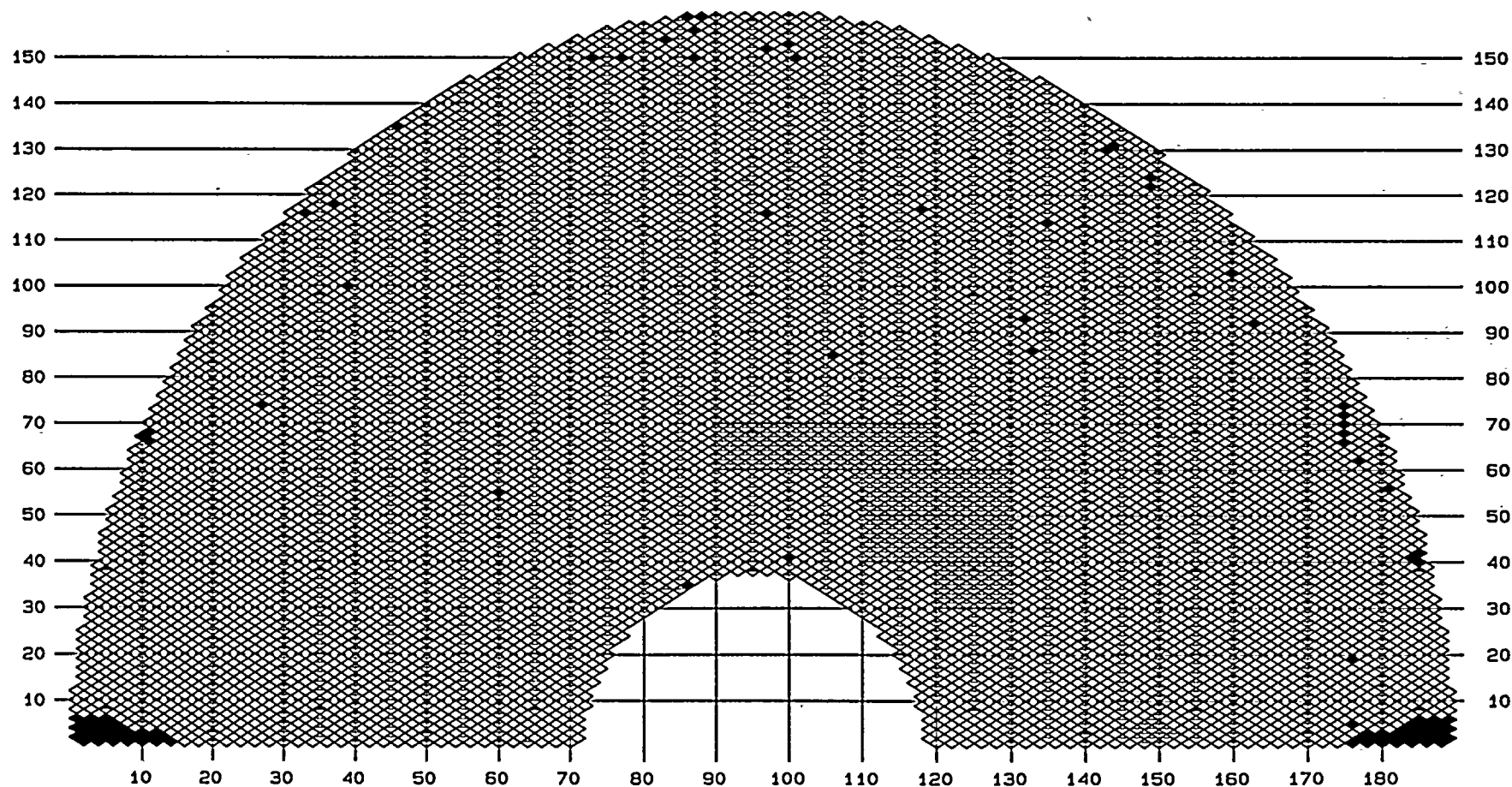
TIME: 11:00:19

STAYS

PLUGGED 105 ♦ OBC 2263 -

MULTIPLE 0 /

OTHER 0 0



MID CYCLE

CONAM NUCLEAR, INC. BW

12/93, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

STEAM GENERATOR: 31

OUTAGE DATA SET : CURRENT

Probe: 02 MRPC / BIG COIL AND Exam Extent: Tubes Examined to Any Extent Between 01H and TEC

DATE: 01/04/94

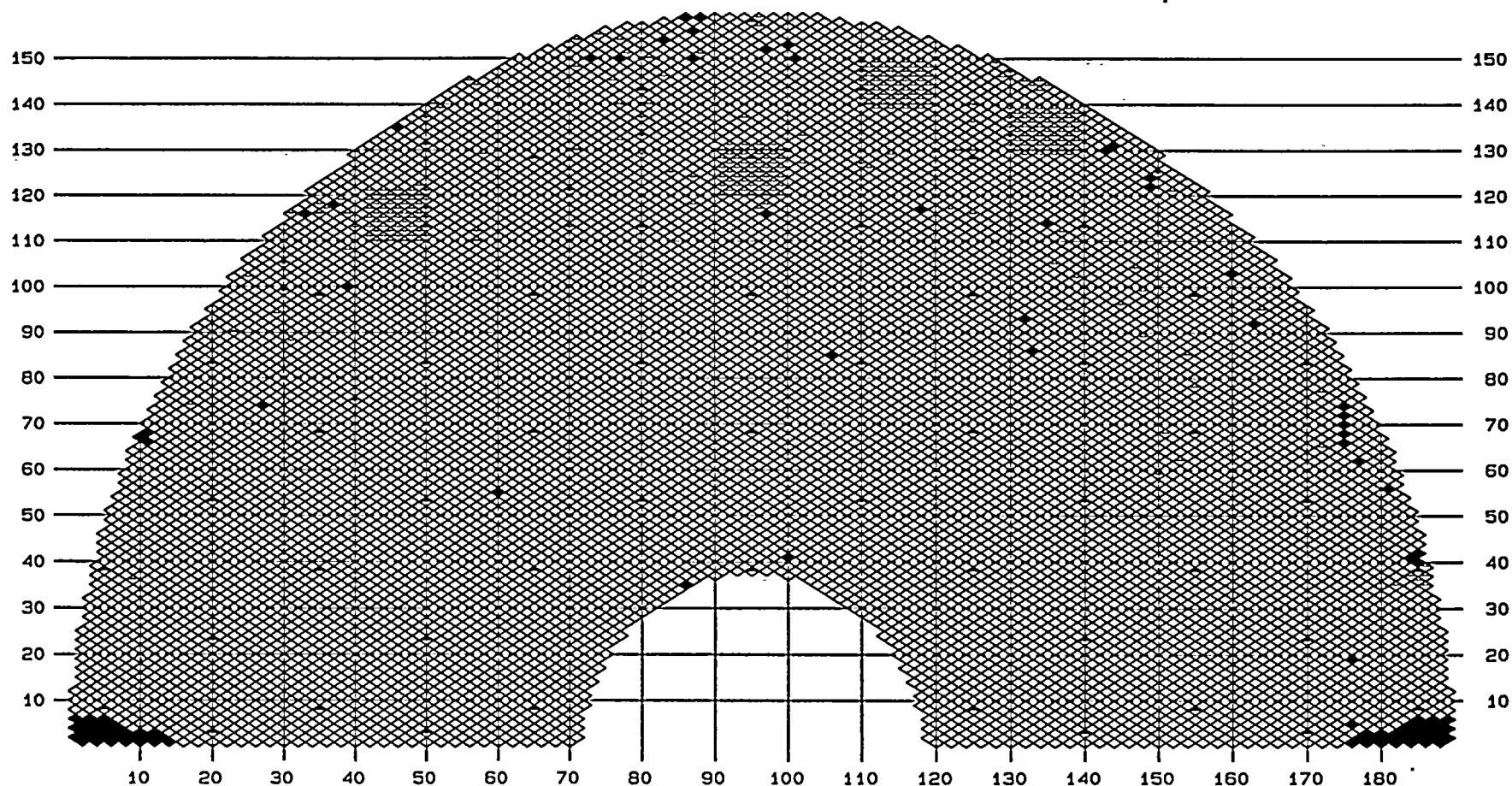
TIME: 14:44:34

STAYS

PLUGGED 105 ♦ 08C 310 -

MULTIPLE 0 /

OTHER 0 0



MID CYCLE

CONAM NUCLEAR, INC. BW

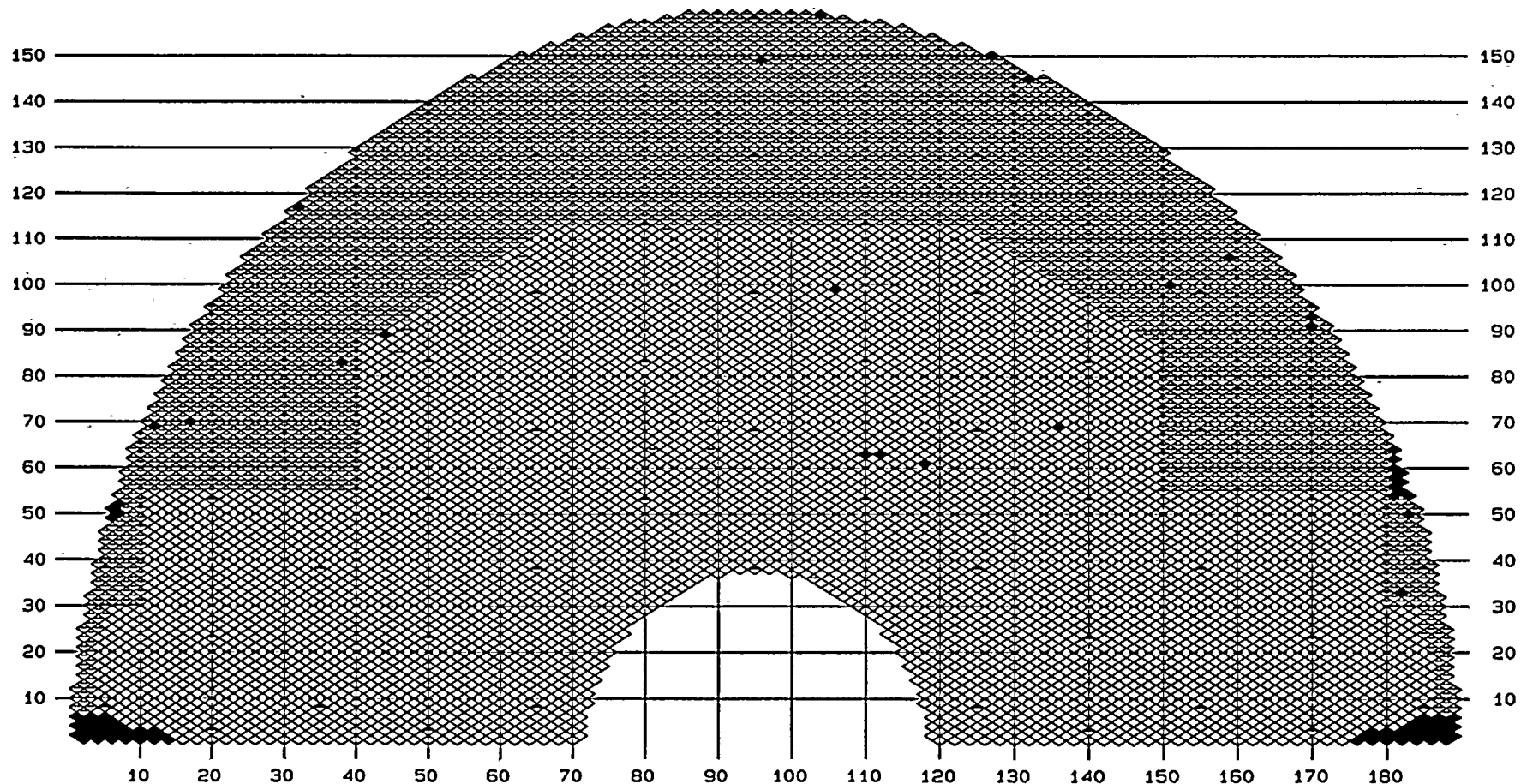
12/93, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

STEAM GENERATOR: 32
OUTAGE DATA SET : CURRENT
Probe: 01 BOBBIN AND Exam Extent: Tubes Examined TSH-TSC or More

DATE: 12/23/93
TIME: 11: 22: 18

STAYS ▲

PLUGGED 94 ♦ TEH-TEC 4108 -



MID CYCLE

CONAM NUCLEAR, INC. BW

12/93, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

STEAM GENERATOR: 32

OUTAGE DATA SET : CURRENT

Probe: 02 MRPC / BIG COIL AND Exam Extent: Tubes Examined TSH-TSH or More

DATE: 01/04/94

TIME: 11: 19: 43

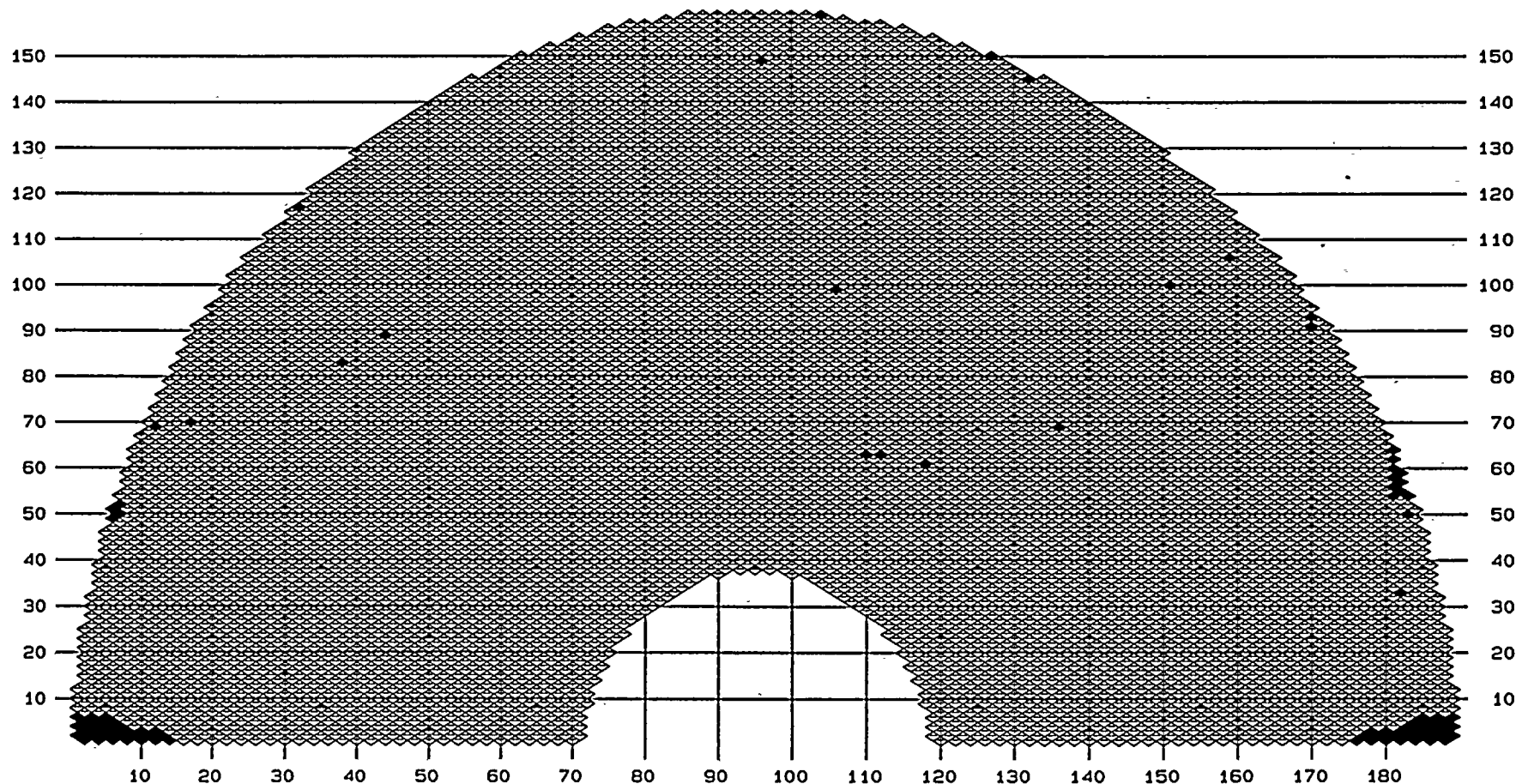
STAYS

PLUGGED 94 ♦ OBC 10918 -

MULTIPLE 0 /

OTHER

0 0



MID CYCLE

CONAM NUCLEAR, INC. BW

12/93, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

STEAM GENERATOR: 32

OUTAGE DATA SET : CURRENT

Probe: 02 MRPC / BIG COIL AND Exam Extent: Tubes Examined to Any Extent Between 01H and TEC

DATE: 01/04/94

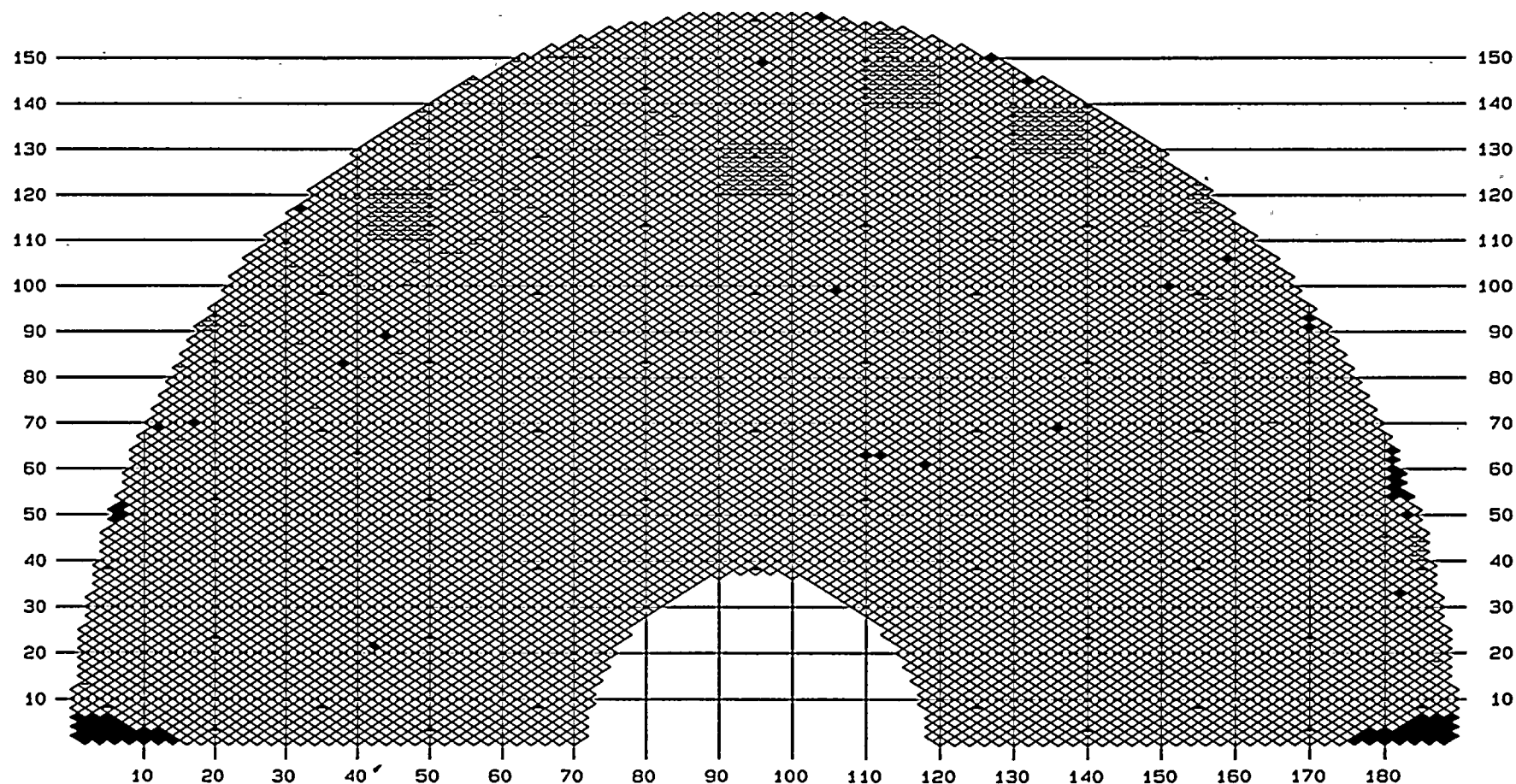
TIME: 14:04:26

STAYS

PLUGGED 94 ♦ OBC 309 -

MULTIPLE 0 /

OTHER 0 0



MID CYCLE

CONAM NUCLEAR, INC. BW

APPENDIX E

SUMMARY DATA SHEETS PLP

CUMULATIVE REPORT
12/93, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

LAM GENERATOR : 31
OUTAGE DATA SET : CURRENT
TION VARIABLES: Percent

PAGE: 1 OF 1
DATE: 12/28/93
TIME: 11:09:46

EXAM EXTENT										CURRENT					10/92				
ROW	LIN	LEG	PROGRAM	ACTUAL	EXP	CAL	PROBE	LOCATION	VOLTS	MIL	DEG	%	CH	CHNG	VOLTS	MIL	DEG	%	CH
144	133	C	TEC-TEH	TEC-TEH		00039	610MF						NDD						NDD
		C	TSC-01C	TSC-01C		00071	600BC	TSC+ 0.33	1.52		0	PLP	11						
145	134																		NDD
		C	TSC-01C	TSC-01C		00068	610BC	TSC+ 0.73	1.56		0	PLP	11						
		C	TEC-TEH	TEC-TEH		00041	610MF	TSC+ 0.66	2.80		0	PLP	8						
2	149																		NDD
		H	TSH-TSH	TSH-TSH		00064	600BC	TSH+ 0.24	1.67		0	PLP	11						
4	149																		NDD
		H	TSH-TSH	TSH-TSH		00064	600BC	TSH+ 1.50	0.80		0	PLP	11						
3	150																		NDD
		H	TSH-01H	TSH-01H		00065	600BC	TSH+ 0.18	1.30		0	PLP	11						
		H	TSH-01H	TSH-TSH		00030	600BC	TSH+ 0.19	1.34		0	PLP	11						
		H	TSH-01H	TSH-01H		00065	600BC	TSH+ 1.02	1.34		0	PLP	11						
		H	TSH-01H	TSH-TSH		00030	600BC	TSH+ 1.07	1.14		0	PLP	11						
36	185	C	TEC-TEH	TEC-TEH		00055	610MF						NDD						NDD
		C	TSC-01C	TSC-01C		00071	600BC	TSC+ 0.11	1.39		0	PLP	11						
35	186	C	TEC-TEH	TEC-TEH		00055	610MF						NDD						NDD
		C	TSC-01C	TSC-01C		00071	600BC	TSC+ 0.70	0.99		0	PLP	11						
	186																		NDD
		C	TEC-TEH	TEC-TEH		00054	610MF	TSC+ 0.94	1.77		0	PLP	8						
		C	TSC-01C	TSC-01C		00068	610BC	TSC+ 0.65	1.20		0	PLP	11						

NUMBER OF TUBES SELECTED FROM CURRENT OUTAGE: 8
NUMBER OF DATA RECORDS SELECTED FROM CURRENT OUTAGE: 16

NO TREND ANALYSIS REQUESTED

DATA SELECTION CRITERIA:
Percent: PLI, PLP

REPORT OPTIONS:
All results are included for tubes with at least one call meeting criteria
Only historical results for tubes selected from current exam are included

CUMULATIVE REPORT
12/93, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

STEAM GENERATOR : 32
PAGE DATA SET : CURRENT
SECTION VARIABLES: Percent

PAGE: 1 OF 2
DATE: 12/28/93
TIME: 11:12:53

		EXAM EXTENT						CURRENT						10/92						
ROW	LIN	LEG	PROGRAM	ACTUAL	EXP	CAL	PROBE	LOCATION		VOLTS	MIL	DEG	%	CH	CHNG	VOLTS	MIL	DEG	%	CH
2	63																			NDD
		H	TSH-01H	TSH-TSH		00041	610BC	TSH+	0.46	1.39		0	PLP	11	YES					
		H	TSH-01H	TSH-01H		00101	600BC	TSH+	0.46	1.18		0	PLP	11	YES					
1	64	H	TSH-01H	TSH-TSH		00007	610BC							BDA						NDD
																				NDD
								TSH+	0.13to+ 0.46							1.69		0	PLP	10
		H	TSH-01H	TSH-TSH		00085	600BC	TSH+	0.17to+ 0.89	1.51		0	PLP	11	YES					
		H	TSH-01H	TSH-01H		00101	600BC	TSH+	0.36	0.64		0	PLP	11	YES					
								TSH+	0.86to+ 1.16							3.33		0	PLP	10
		H	TSH-01H	TSH-01H		00101	600BC	TSH+	1.34	0.84		0	PLP	11	YES					
3	64																			NDD
																				NDD
								TSH+	0.00to+ 0.86							1.86		257	PLP	10
		H	TSH-01H	TSH-TSH		00007	610BC	TSH+	0.54	1.72		0	PLP	11	YES					
		H	TSH-01H	TSH-01H		00100	600BC	TSH+	0.54	1.42		0	PLP	11	YES					
2	65	H	TSH-01H	TSH-TSH		00007	610BC							NDD	YES					NDD
																				NDD
								TSH+	0.78to+ 1.32							1.44		0	PLP	10
		H	TSH-01H	TSH-01H		00101	600BC	TSH+	1.49	1.21		0	PLP	11	YES					
1	66																			NDD
		H	TSH-01H	TSH-01H		00101	600BC	TSH+	0.00	1.44		0	PID	P 2	****					
		H	TSH-01H	TSH-TSH		00042	610BC	TSH+	0.06	3.35		0	PLI	1	****					
		H	TSH-01H	TSH-TSH		00085	600BC	TSH+	0.06	1.94		0	PID	1	YES					
153	112	H	TSH-TSH	TSH-TSH		00092	600BC							NDD						NDD
		C	TEC-TEH	TEC-TEH		00040	610MF	TSC+	2.85	0.87		0	PLP	8	****					
		C	TSC-01C	TSC-01C		00069	600BC	TSC+	2.77	0.34		0	PLP	11	YES					
152	113	H	TSH-TSH	TSH-TSH		00093	600BC							NDD						NDD
		C	TEC-TEH	TEC-TEH		00040	610MF	TSC+	2.35	1.70		0	PLP	8	****					
		C	TSC-01C	TSC-01C		00069	600BC	TSC+	2.10	1.25		0	PLP	11	YES					
154	113	H	TSH-TSH	TSH-TSH		00093	600BC							NDD						NDD
		C	TEC-TEH	TEC-TEH		00040	610MF	TSC+	1.59	1.44		0	PLP	8	****					
		C	TSC-01C	TSC-01C		00069	600BC	TSC+	1.06	1.03		0	PLP	11	YES					
153	114	H	TSH-TSH	TSH-TSH		00092	600BC							NDD						NDD
		C	TEC-TEH	TEC-TEH		00042	610MF	TSC+	0.71	0.70		0	PLP	8	****					
		C	TSC-01C	TSC-01C		00069	600BC	TSC+	0.40	0.87		0	PLP	11	YES					
119	156	C	TEC-TEH	TEC-TEH		00055	610MF							NDD						
		H	TSH-TSH	TSH-TSH		00074	600BC							NDD						NDD
		C	TSC-01C	TSC-01C		00074	600BC	TSC+	2.05	0.73		0	PLP	11	YES					
121	156	C	TEC-TEH	TEC-TEH		00054	610MF							NDD	YES					
		H	TSH-TSH	TSH-TSH		00073	600BC							NDD	YES					NDD
																				NDD
																				NDD
																				NDD
																				NDD
		C	TEC-TSC	TEC-TSC		00069	600BC	TSC+	1.04	0.44		0	PLP	11	YES					

MID CYCLE

CUMULATIVE REPORT

12/93, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

STEAM GENERATOR : 32
 PAGE DATA SET : CURRENT
 SECTION VARIABLES: Percent

PAGE: 2 OF 2
 DATE: 12/28/93
 TIME: 11:12:53

		EXAM EXTENT							CURRENT					10/92						
ROW	LIN	LEG	PROGRAM	ACTUAL	EXP	CAL	PROBE	LOCATION		VOLTS	MIL	DEG	%	CH	CHNG	VOLTS	MIL	DEG	%	CH
121	156	C	-	-		99999	610UL	TSC+	0.0	10.88		278	NTE	6	YES	10.88		278	NTE	6
								TSC+	0.00							10.87		278	NTE	6
42	185	H	TSH-TSH	TSH-TSH		00061	610BC						NDD						NDD	
		C	TEC-TEH	TEC-TEH		00058	610MF	TSC+	1.40	1.01		0	PLP	8	YES					
		C	TSC-01C	TSC-01C		00068	600BC	TSC+	0.00	0.73		0	PLP	11	****					

NUMBER OF TUBES SELECTED FROM CURRENT OUTAGE: 12
 NUMBER OF DATA RECORDS SELECTED FROM CURRENT OUTAGE: 35

TREND ANALYSIS SUMMARY:

TREND CRITERION	COUNT	% OF TUBES EVALUATED
CALL / NO CALL	23	<1
INDICATION CODES DIFFER	0	0
PLUGGABLE OR CHANGE IN DEPTH INDICATION	0	0
DEPTH RANGE CHANGE		
1% - 100%		5%

AL 23
 LOCATIONS DIFFERING BY 1.0 INCHES CONSIDERED THE SAME

DATA SELECTION CRITERIA:
 Percent: PLI, PLP

REPORT OPTIONS:
 All results are included for tubes with at least one call meeting criteria
 Only historical results for tubes selected from current exam are included

MID CYCLE

APPENDIX F

TUBE PLUG MAP

12/93, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

STEAM GENERATOR: 31
OUTAGE DATA SET : CURRENT
Percent: TBP

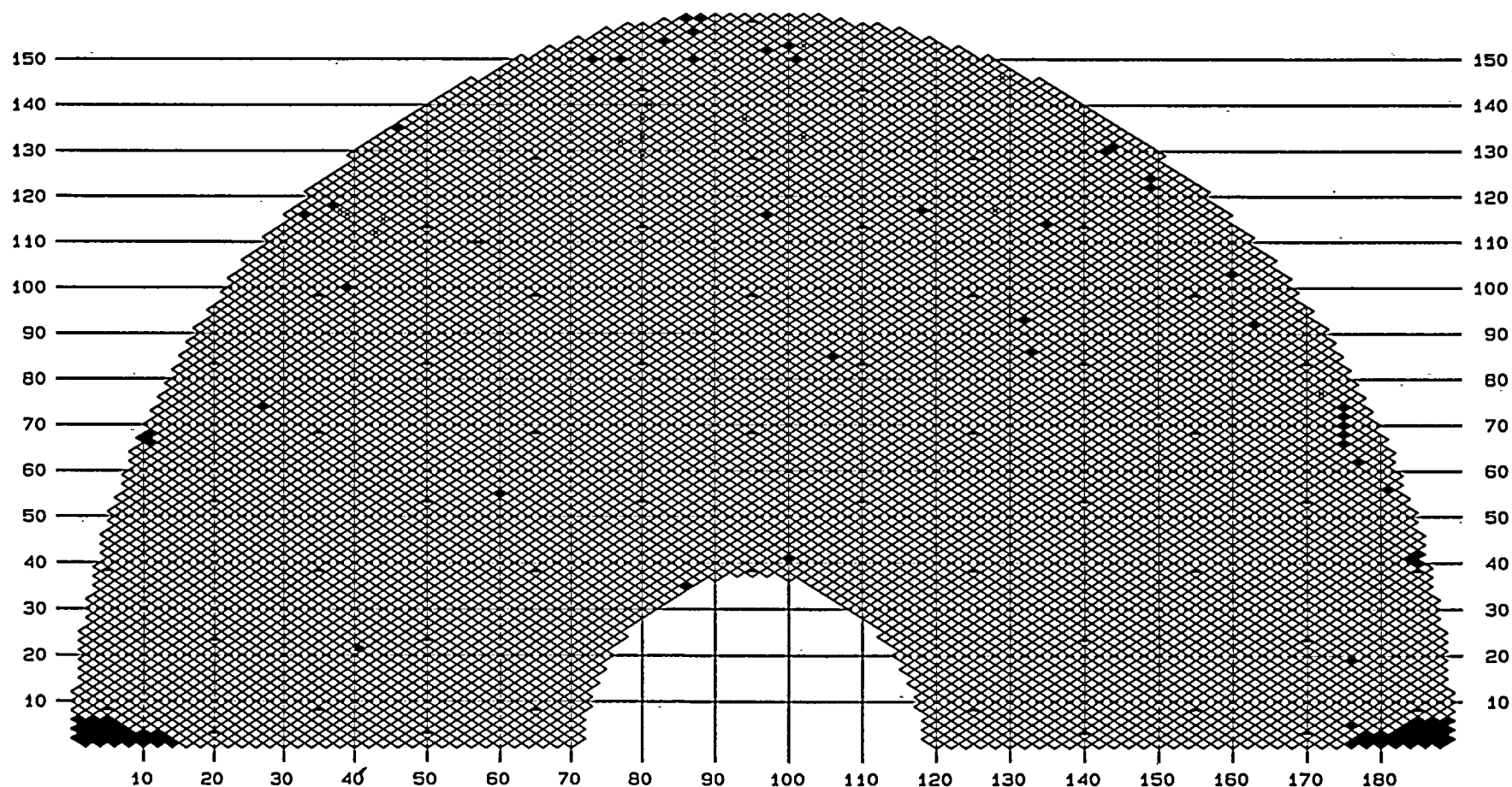
DATE: 12/29/93
TIME: 09:28:17

STAYS

PLUGGED

105 ♦ TBP

16 ✕



MID CYCLE

CONAM NUCLEAR, INC. BW

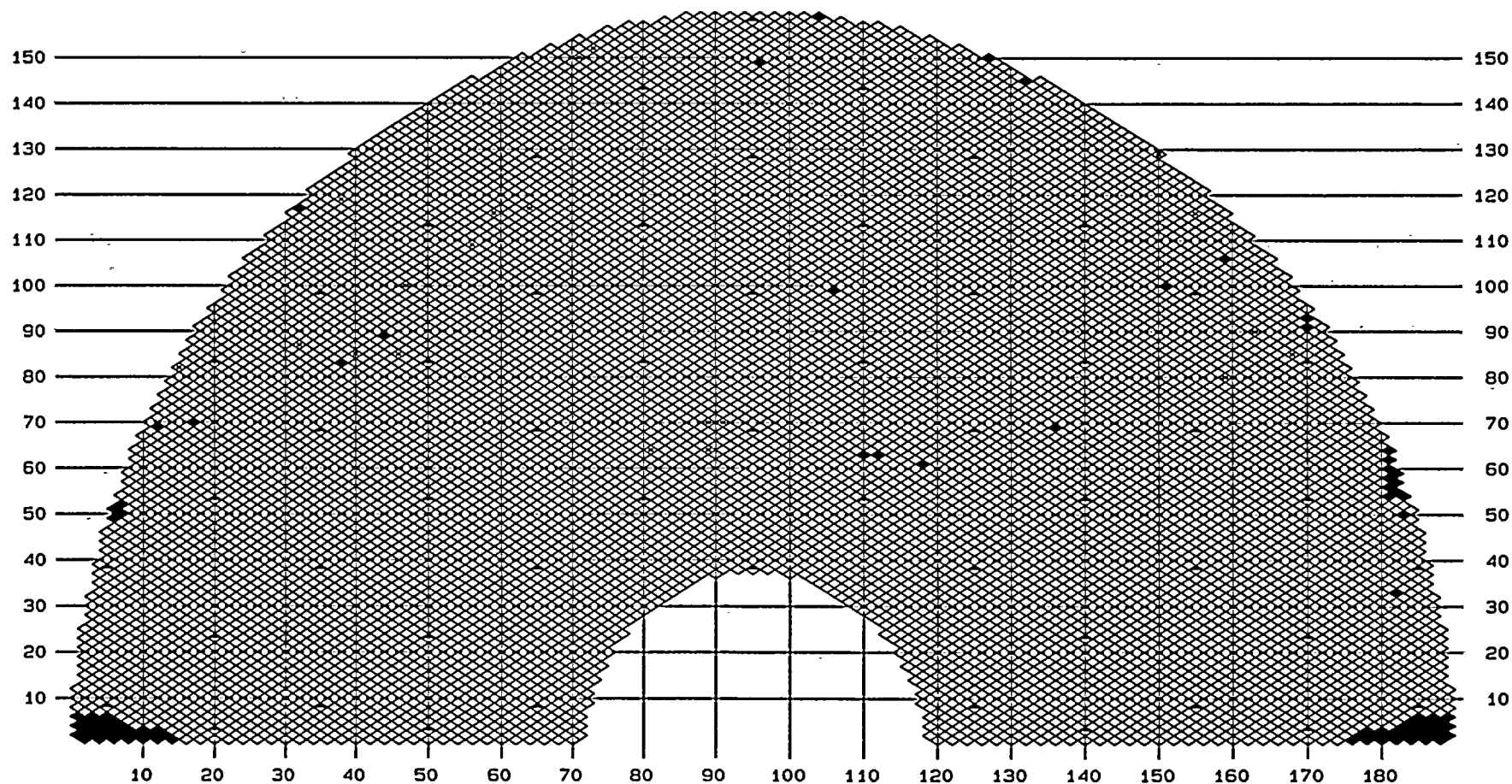
12/93, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

STEAM GENERATOR: 32
OUTAGE DATA SET : CURRENT
Percent: TBP

DATE: 12/29/93
TIME: 09: 24: 54

STAYS

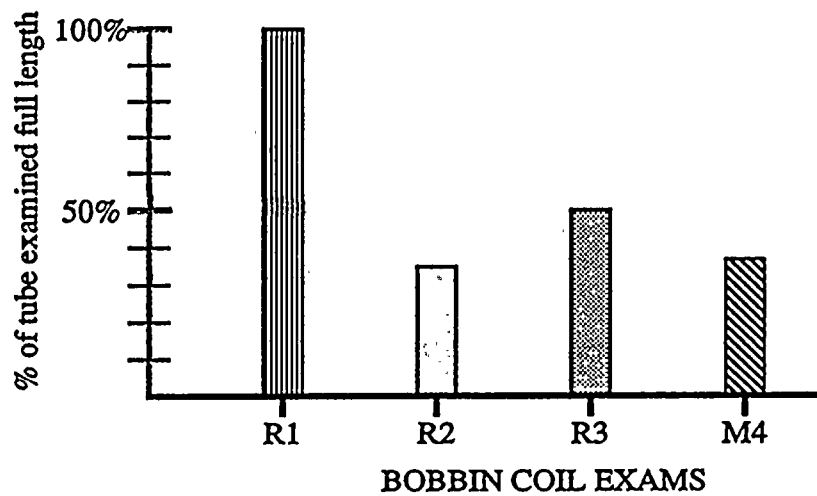
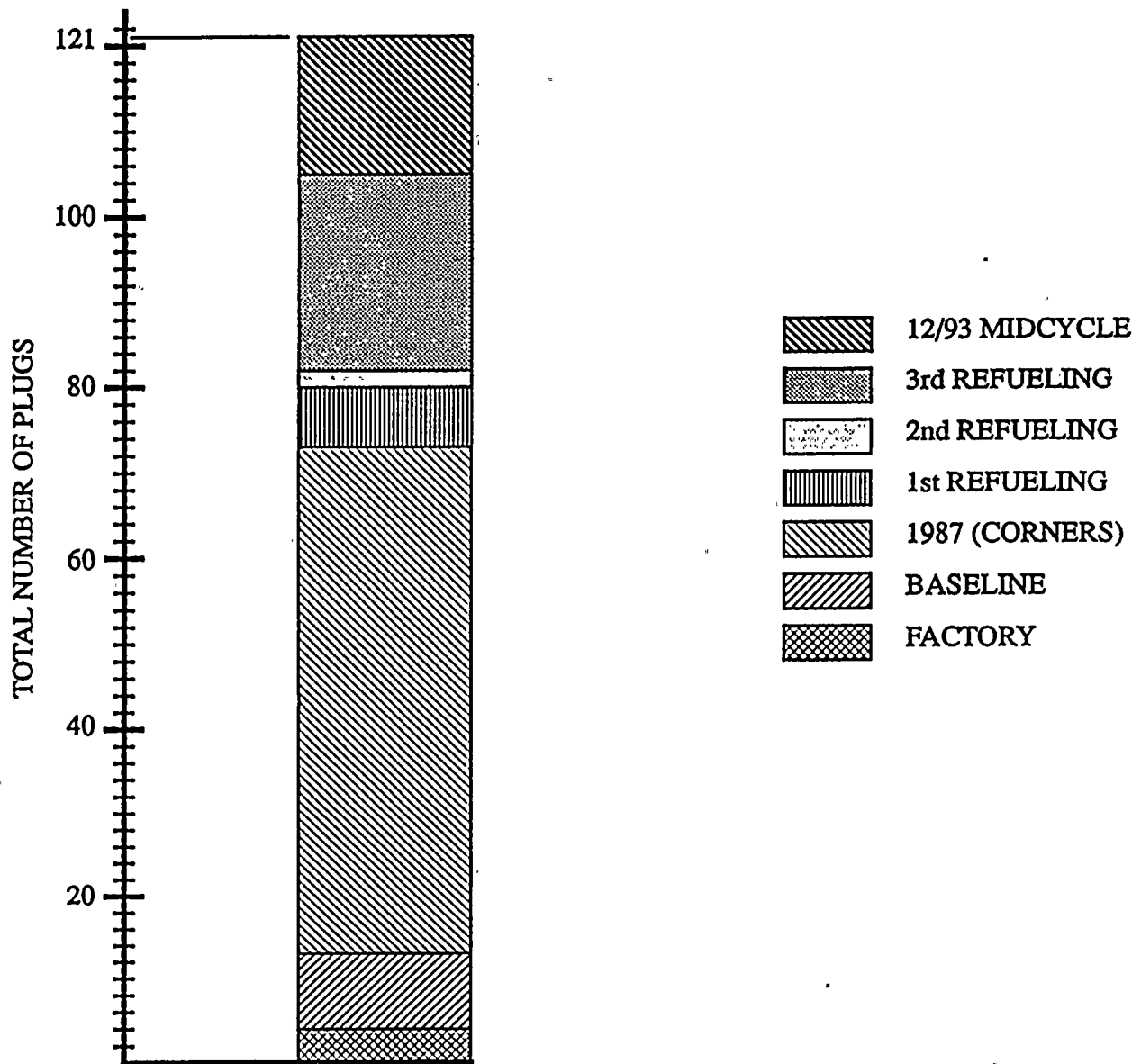
PLUGGED 94 ♦ TBP 20 x



MID CYCLE

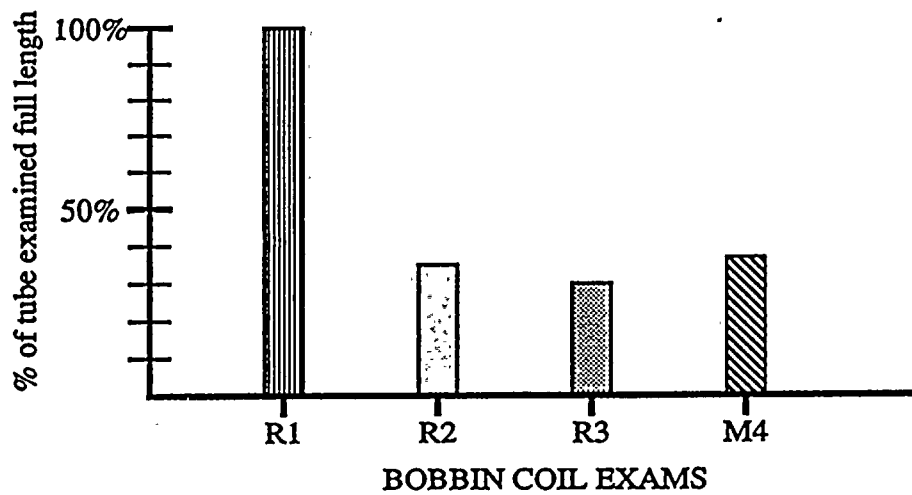
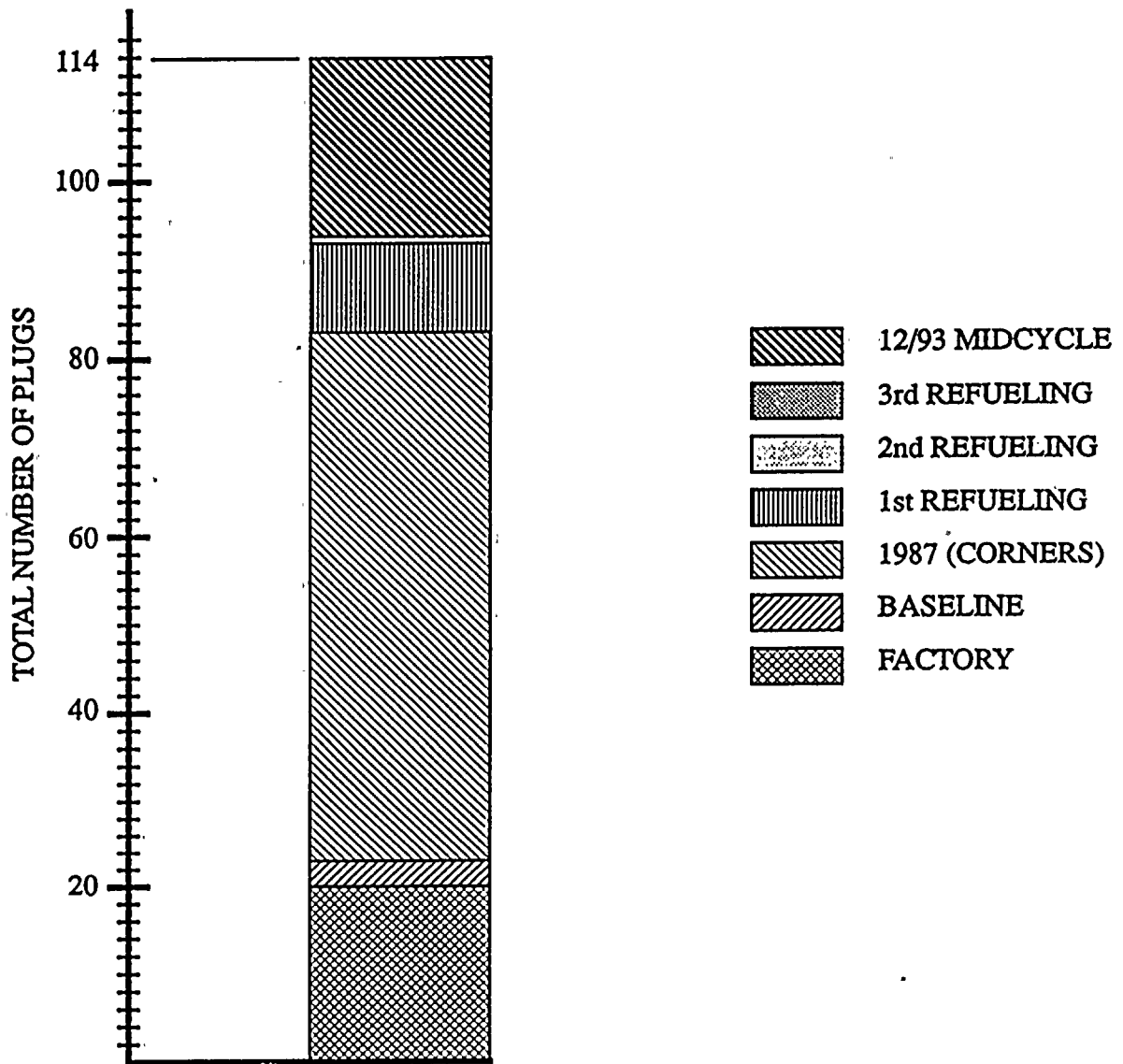
CONAM NUCLEAR, INC. BW

STEAM GENERATOR 31





STEAM GENERATOR 32



APPENDIX G

FORM NIS-1

APS

NIS-1 FORM

OWNERS' DATA REPORT FOR INSERVICE INSPECTIONS

1. OWNER ARIZONA PUBLIC SERVICE COMPANY, et al
ADDRESS P.O. BOX 52034; PHOENIX, ARIZONA
2. PLANT PALO VERDE NUCLEAR GENERATING STATION
ADDRESS 4 MILES SOUTH WINTERSBURG, ARIZONA
3. UNIT NUMBER: 3
4. OWNERS CERTIFICATE OF AUTHORIZATION NONE
5. COMMERCIAL SERVICE DATE: 1/8/88
6. COMPONENTS INSPECTED:

COMPONENT OR APPURTENANCE	MANUFACTURER OR INSTALLER	SERIAL NUMBER	STATE OR PROVINCE	NATIONAL BOARD NO
3MRCEE01A STEAM GENERATOR 31 TUBING	COMBUSTION ENGINEERING	65273-1	N/A	22860
3MRCEE01B STEAM GENERATOR 32 TUBING	COMBUSTION ENGINEERING	65273-2	N/A	22861

APS

NIS-1 BACK

OWNERS' DATA REPORT FOR INSERVICE INSPECTIONS

7. EXAM DATES 12/4/93 TO 12/18/93

8. INSPECTION INTERVAL FROM 1/8/88 TO 1/10/98

9. ABSTRACT OF EXAMINATIONS. INCLUDE A LIST OF EXAMINATIONS AND A STATEMENT CONCERNING STATUS OF WORK REQUIRED FOR CURRENT INTERVAL

In Steam Generator 31 a total of 4099 tubes were examined full length with the bobbin coil. 2263 tubes were examined at the top of the hot leg tube sheet using MRPC. 310 tubes were examined for special interest purposes using MRPC at various locations.

In Steam Generator 32 a total of 4108 tubes were examined full length with the bobbin coil. 10,918 tubes were examined at the top of the hot leg tube sheet using MRPC. These exams included the original scope as well as the expansion to include 100% top of hot leg tube sheet. 309 tubes were examined for special interest purposes using MRPC at various locations.

Several degraded/defective tubes were observed during testing and they are documented in Appendix C, and E of this report. The tubes identified on the following page were plugged as a result of this examination.

OF TUBES PLUGGED - SG31=16, SG32=20

WE CERTIFY THAT THE STATEMENTS MADE IN THIS REPORT ARE CORRECT AND THE EXAMINATIONS AND CORRECTIVE MEASURES TAKEN CONFORM TO THE RULES OF THE ASME CODE, SECTION XI

DATE 1-5-94 SIGNED: ARIZONA PUBLIC SERVICE COMPANY BY Alan Morrow

CERTIFICATE OF INSERVICE INSPECTION

I, THE UNDERSIGNED, HOLDING A VALID COMMISSION ISSUED BY THE NATIONAL BOARD OF BOILER AND PRESSURE VESSEL INSPECTORS AND THE STATE OF PROVINCE OF ARIZONA EMPLOYED BY HSB I & I CO. OF HARTFORD, CONNECTICUT HAVE INSPECTED THE COMPONENTS DESCRIBED IN THIS OWNERS REPORT DURING THE PERIOD 12-4-93 TO 12-18-93, AND STATE THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF, THE OWNER HAS PERFORMED EXAMINATIONS AND TAKEN CORRECTIVE MEASURES DESCRIBED IN THIS OWNERS REPORT IN ACCORDANCE WITH THE REQUIREMENTS OF THE ASME CODE, SECTION XI. BY SIGNING THIS CERTIFICATE NEITHER THE INSPECTOR NOR HIS EMPLOYER MAKES ANY WARRANTY, EXPRESSED OR IMPLIED, CONCERNING THE EXAMINATIONS AND CORRECTIVE MEASURES DESCRIBED IN THIS OWNERS REPORT. FURTHERMORE, NEITHER THE INSPECTOR NOR HIS EMPLOYER SHALL BE LIABLE IN ANY MANNER FOR ANY PERSONAL INJURY OR PROPERTY DAMAGE OR A LOSS OF ANY KIND ARISING FROM OR CONNECTED WITH THIS INSPECTION.

INSPECTOR

Robert A. Ferguson

COMMISSIONS NB 9685 "N" 1" 1/2 264
NATL' BOARD, STATE, PROVINCE

DATE 1-5-94

UNIT 3 DECEMBER 1993 MIDCYCLE OUTAGE
TUBES PLUGGED

STEAM GENERATOR 31

<u>ROW</u>	<u>LINE</u>
117	38
116	39
112	43
115	44
110	57
132	77
129	80
133	80
137	80
140	81
137	94
133	102
153	102
117	128
146	129
77	172

STEAM GENERATOR 32

<u>ROW</u>	<u>LINE</u>
82	15
87	32
119	38
85	40
85	46
100	47
109	56
116	59
117	64
150	71
152	73
64	81
64	89
70	89
70	91
129	150
116	155
80	159
90	163
85	168

