



GULF STATES UTILITIES COMPANY

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July 31, 1984
RBG-18,404
File Nos. G9.5,
G9.19.2, 245.000

Mr. Harold R. Denton, Director
Office of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Dear Mr. Denton:

River Bend Station-Unit 1
Docket No. 50-458

This response supplements Gulf States Utilities Company's (GSU) July 9, 1984 equipment qualification letter to your office. Enclosed are master lists for categories of the following Nuclear Steam Supply System (NSSS) and Balance of Plant (BOP) equipment:

- Enclosure 1 NSSS Electrical Equipment requiring qualification in accordance with 10CFR50.49
- Enclosure 2 Seismic Category I Safety-Related NSSS Equipment (with Required Response Spectra (RRS) for Safety Relief Valves (SRVs) and Main Steam Isolation Valves (MSIVs))
- Enclosure 3 Seismic Category I Safety-Related BOP Equipment (supplemented to include cross-references between the equipment mark numbers and the applicable RRS transmitted in the July 9, 1984 letter).

Master lists for both BOP and NSSS safety-related active mechanical equipment located in a harsh environment will be provided in August 1984.

This submittal completes GSU's response to the Staff's December 21, 1982 letter. GSU looks forward to receiving the Staff's selection of equipment items for the SQRT and PVORT audits as soon as they become available.

Sincerely,

J. E. Booker

J. E. Booker
Manager-Engineering,
Nuclear Fuels & Licensing
River Bend Nuclear Group

no
JEB:JEB:kt

Enclosures

8408160386 840731
PDR ADOCK 05000458
A PDR

ENCLOSURE 1

NSSS ELECTRIC EQUIPMENT REQUIRING QUALIFICATION
IN ACCORDANCE WITH 10CFR50.49

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RBS-ENVIRONMENTAL QUALIFICATION DATA MASTER LIST (NSSS)
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*****
MARK NO      EQUIPMENT DESCRIPTION      MAKE/MANUFACTURER  ENV. ZONE  EQUALST  OP TIME  QRN1
              PANEL/RACK                PPD.NO          MODEL/CATALOG NO. SUBMRG   ENVTP    OC      QRN2
              REMARKS                    INSTATUS        QRN3
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B13 REACTOR SYSTEM

MARK NO	EQUIPMENT DESCRIPTION	PPD.NO	MAKE/MANUFACTURER	ENV. ZONE	ENVTP	EQUALST	OP TIME	QRN1	QRN2	QRN3
B13-D210	SRM/IRM DET CONN	145A5201	AMPHENOL UG1213/U MIL-C-36434	DW-3	HARSH	C	NA B			
1B13-D124 B13-D124	POS IND PROBE	762E634	GENERAL ELECTRIC 762E634G001	DW-3	HARSH	A	N/A B			
1B13-5150 B13-5150	PRD DET CONN	326X202	GENERAL ELECTRIC	DW-3	HARSH	C	N/A B			

B21 NUCLEAR BOILER SYSTEM

MARK NO	EQUIPMENT DESCRIPTION	PPD.NO	MAKE/MANUFACTURER	ENV. ZONE	ENVTP	EQUALST	OP TIME	QRN1	QRN2	QRN3
B21-N080B	DIFF PRESS XMTR	169C8392	RSMT 1152DP4E22T0280PB	CT-G	HARSH	C	100D A			
1B21-AQVF022A B21-F022A	MSIV ACTUATOR		SHEFFER	DW-2	HARSH	C	30D A			
1B21-AQVF022B B21-F022B	MSIV ACTUATOR		SHEFFER	DW-2	HARSH	C	30D A			
1B21-AQVF022C B21-F022C	MSIV ACTUATOR		SHEFFER	DW-2	HARSH	C	30D A			
1B21-AQVF022D B21-F022D	MSIV ACTUATOR		SHEFFER	DW-2	HARSH	C	30D A			
1B21-AQVF028A B21-F028A	MSIV ACTUATOR		SHEFFER	AB-114-2	HARSH	C	30D A			
1B21-AQVF028B B21-F028B	MSIV ACTUATOR		SHEFFER	AB-114-2	HARSH	C	30D A			

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*****
MARK NO      EQUIPMENT DESCRIPTION      MAKE/MANUFACTURER  ENV. ZONE  EQUALST  OP TIME  QRN1
              PANEL/RACK                PP.D.NO        MODEL/CATALOG NO. SUBMRG  ENVTYP  INSTATUS  OC      QRN2
              REMARKS
*****
```

B21 NUCLEAR BOILER SYSTEM

1B21*AOVF028C B21-F028C	MSIV ACTUATOR N/A		SHEFFER	AB-114-2		C	30D A
1B21*AOVF028D B21-F028D	MSIV ACTUATOR N/A		SHEFFER	AB-114-2		C	30D A
1B21*LTN044C B21-N044C	DIFF PRESS XMTR H22-P010	169C8392	RSMT 1152DP5E22T0280PB RG1.97	CT-G		C	LTR
1B21*LTN044D B21-N044D	DIFF PRESS XMTR H22-P009	169C8392	RSMT 1152DP5E22T0280PB RG1.97	CT-G		C	LTR
1B21*LTN073C B21-N073C	DIFF PRESS XMTR H22-P005	169C8392	RSMT 1152DP4E22T0280PB	CT-G		C	100D A
1B21*LTN073G B21-N073G	DIFF PRESS XMTR H22-P005	169C8392	RSMT 1152DP4E22T0280PB	CT-G		C	100D A
1B21*LTN073L B21-N073L	DIFF PRESS XMTR H22-P026	169C8392	RSMT 1152DP4E22T0280PB	CT-G		C	100D A
1B21*LTN073R B21-N073R	DIFF PRESS XMTR H22-P026	169C8392	RSMT 1152DP4E22T0280PB	CT-G		C	100D A
1B21*LTN080A B21-N080A	DIFF PRESS XMTR H22-P004	169C8392	RSMT 1152DP4E22T0280PB	CT-G		C	100D A
1B21*LTN080C B21-N080C	DIFF PRESS XMTR H22-P005	169C8392	RSMT 1152DP4E22T0280PB	CT-G		C	100D A

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*****
MARK NO      EQUIPMENT DESCRIPTION      MAKE/MANUFACTURER  ENV. ZONE  EQUALST  OP TIME  QRN1
              PANEL/RACK                MODEL/CATALOG NO.  SUBHRG     ENVTYP   OC       QRN2
              PPD.NO                    REMARKS          INSTATUS   QRN3
*****
```

B21 NUCLEAR BOILER SYSTEM

1B21*LTN080D	DIFF PRESS XMTR	RSMT	CT-G	C	100D	
B21-N080D		1152DP4E22T0280PB		HARSH	A	
	H22-P026	169C8392				
1B21*LTN081A	DIFF PRESS XMTR	RSMT	CT-G	C	1 HR	
B21-N081A		1152DP5E22T0280PB		HARSH	A	
	H22-P004	169C8392				
1B21*LTN081B	DIFF PRESS XMTR	RSMT	CT-G	C	1 HR	
B21-N081B		1152DP5E22T0280PB		HARSH	A	
	H22-P027	169C8392				
1B21*LTN081C	DIFF PRESS XMTR	RSMT	CT-G	C	1 HR	
B21-N081C		1152DP5E22T0280PB		HARSH	A	
	H22-P005	169C8392				
1B21*LTN081D	PRESS XMTR	RSMT	CT-G	C	1 HR	
B21-N081D		1152DP5E22T0280PB		HARSH	A	
	H22-P026	169C8392				
1B21*LTN091A	DIFF PRESS XMTR	RSMT	CT-G	C	100D	
B21-N091A		1152DP5E22T0280PB		HARSH	A	
	H22-P004	169C8392				
1B21*LTN091B	DIFF PRESS XMTR	RSMT	CT-G	C	100D	
B21-N091B		1152DP5E22T0280PB		HARSH	A	
	H22-P027	169C8392				
1B21*LTN091E	DIFF PRESS XMTR	RSMT	CT-G	C	100D	
B21-N091E		1152DP5E22T0280PB		HARSH	A	
	H22-P004	169C8392				
1B21*LTN091F	DIFF PRESS XMTR	RSMT	CT-G	C	100D	
B21-N091F		1152DP5E22T0280PB		HARSH	A	
	H22-P027	169C8392				
1B21*LTN095A	DIFF PRESS XMTR	RSMT	CT-G	C	100D	
B21-N095A		1152DP4E22T0280PB		HARSH	A	
	H22-P004	169C8392				

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*****
MARK NO      EQUIPMENT DESCRIPTION      MAKE/MANUFACTURER  ENV. ZONE  EQUALST  OP TIME  QRN1
              PANEL/RACK                PPD.NO          MODEL/CATALOG NO. SUBMRG   ENVTYP   INSTATUS  OC       QRN2
              REMARKS                                     INSTATUS  QRN3
*****
```

B21 NUCLEAR BOILER SYSTEM

1B21*LTN095B	DIFF PRESS XMTR		RSMT	CT-G	C	100D	
B21-N095B			1152DP4E22T0280PB		HARSH	A	
	H22-P027	169C8392					
1B21*PTN062A	GAUGE PRESS XMTR		RSMT	CT-G	C	100D	
B21-N062A			1152GP9E22T0280PB		HARSH	A	
	H22-P004	169C8392	RG1.97				
1B21*PTN062B	GAUGE PRESS XMTR		RSMT	CT-G	C	100D	
B21-N062B			1152GP9E22T0280PB		HARSH	A	
	H22-P027	169C8392	RG1.97				
1B21*PTN067C	ABSOLUTE PRESS XMTR		RSMT	CT-G	C	100D	
B21-N067C			1152AP5E22T0280PB		HARSH	A	
	H22-P005	169C8969					
1B21*PTN067G	ABSOLUTE PRESS XMTR		RSMT	CT-G	C	100D	
B21-N067G			1152AP5E22T0280PB		HARSH	A	
	H22-P005	169C8969					
1B21*PTN067L	ABSOLUTE PRESS XMTR		RSMT	CT-G	C	100D	
B21-N067L			1152AP5E22T0280PB		HARSH	A	
	H22-P026	169C8969					
1B21*PTN067R	ABSOLUTE PRESS XMTR		RSMT	CT-G	C	100D	
B21-N067R			1152AP5E22T0280PB		HARSH	A	
	H22-P026	169C8969					
1B21*PTN068A	GAUGE PRESS XMTR		RSMT	CT-G	C	6 HR	
B21-N068A			1152GP9E22T0280PB		HARSH	A	
	H22-P004	169C8394					
1B21*PTN068B	GAUGE PRESS XMTR		RSMT	CT-G	C	6 HR	
B21-N068B			1152GP9E22T0280PB		HARSH	A	
	H22-P027	169C8394					
1B21*PTN068E	GAUGE PRESS XMTR		RSMT	CT-G	C	6 HR	
B21-N068E			1152GP9E22T0280PB		HARSH	A	
	H22-P004	169C8394					

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*****
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              PANEL/RACK                MODEL/CATALOG NO. SUBMRG     ENVTYP    OC       QRN2
              PPD.NO                    REMARKS      INSTATUS  QRN3
*****
```

B21 NUCLEAR BOILER SYSTEM

1B21*PTN068F B21-N068F	GAUGE PRESS XMTR H22-P027	169C8394	RSMT 1152GP9E22T0280PB	CT-G	HARSH	C	6 HR A
1B21*PTN075A B21-N075A	ABSOLUTE PRESS XMTR N/A	169C8969	RSMT 1152AP5E22T0280PB	TB-095-3	HARSH	C	1 HR D
1B21*PTN075B B21-N075B	ABSOLUTE PRESS XMTR N/A	169C8969	RSMT 1152AP5E22T0280PB	TB-095-3	HARSH	C	1 HR D
1B21*PTN075C B21-N075C	ABSOLUTE PRESS XMTR N/A	169C8969	RSMT 1152AP5E22T0280PB	TB-095-3	HARSH	C	1 HR D
1B21*PTN075D B21-N075D	ABSOLUTE PRESS XMTR N/A	169C8969	RSMT 1152AP5E22T0280PB	TB-095-3	HARSH	C	1 HR D
1B21*PTN076A B21-N076A	GAUGE PRESS XMTR N/A	169C8394	RSMT 1152GP9E22T0280PB	TB-095-3	HARSH	C	1 HR D
1B21*PTN076B B21-N076B	GAUGE PRESS XMTR N/A	169C8394	RSMT 1152GP9E22S0280PB	TB-095-3	HARSH	C	1 HR D
1B21*PTN076C B21-N076C	GAUGE PRESS XMTR N/A	169C8394	RSMT 1152GP9E22T0280PB	TB-095-3	HARSH	C	1 HR D
1B21*PTN076D B21-N076D	GAUGE PRESS XMTR N/A	169C8394	RSMT 1152GP9E22T0280PB	TB-095-3	HARSH	C	1 HR D
1B21*PTN078A B21-N078A	GAUGE PRESS XMTR H22-P004	169C8394	RSMT 1152GP9E22T0280PB	CT-G	HARSH	C	100D A

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*****
MARK NO      EQUIPMENT DESCRIPTION      MAKE/MANUFACTURER  ENV. ZONE  EQUALST  OP TIME  QRN1
              PANEL/RACK                PP.D.NO        MODEL/CATALOG NO.  SUBMRG   ENVTYP   INSTAUS  OC       QRN2
              REMARKS                                     INSTATUS  QRN3
*****
  
```

B21 NUCLEAR BOILER SYSTEM

1B21*PTN078B B21-N078B	GAUGE PRESS XMTR		RSMT 1152GP9E22T0280PB	CT-G		C	100D A
	H22-P027	169C8394			HARSH		
1B21*PTN078C B21-N078C	GAUGE PRESS XMTR		RSMT 1152GP9E22T0280PB	CT-G		C	100D A
	H22-P005	169C8394			HARSH		
1B21*PTN078D B21-N078D	GAUGE PRESS XMTR		RSMT 1152GP9E22T0280PB	CT-G		C	100D A
	H22-P026	169C8394			HARSH		
1B21*PTN094A B21-N094A	ABSOLUTE PRESS XMTR		RSMT 1152APE22T0280PB	CT-G		C	100D A
	H22-P004	169C8969			HARSH		
1B21*PTN094B B21-N094B	ABSOLUTE PRESS XMTR		RSMT 1152AP5E22T0280PB	CT-G		C	100D A
	H22-P027	169C8969			HARSH		
1B21*PTN094E B21-N094E	ABSOLUTE PRESS XMTR		RSMT 1152AP5E22T0280PB	CT-G		C	100D A
	H22-P004	169C8969			HARSH		
1B21*PTN094F B21-N094F	ABSOLUTE PRESS XMTR		RSMT 1152AP5E22T0280PB	CT-G		C	100D A
	H22-P027	169C8969			HARSH		
1B21*RVF041A B21-F041A	MAIN STEAM SRV		CROSBY HB-65-DF	DW-1		C	N/A B
	N/A	22A6441			HARSH		
1B21*RVF041B B21-F041B	MAIN STEAM SRV		CROSBY HB-65-DF	DW-1		C	100D A
	N/A	22A6441			HARSH		
1B21*RVF041C B21-F041C	SRV-CROSBY-MOD		CROSBY HB-65-DF	DW-1		C	100D A
	N/A	22A6441			HARSH		

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*****
MARK NO      EQUIPMENT DESCRIPTION      MAKE/MANUFACTURER  ENV. ZONE  EQUALST  OP TIME  QRN1
              PANEL/RACK                PD.NO          MODEL/CATALOG NO. SUBMRG  ENVTYP  INSTATUS  OC        QRN2
              PD.NO          REMARKS                                     INSTATUS  QRN3
*****
```

B21 NUCLEAR BOILER SYSTEM

1B21*RVF041D B21-F041D	MAIN STEAM SRV		CROSBY HB-65-DF	DW-1		C	100D A
	N/A	22A6441			HARSH		
1B21*RVF041F B21-F041F	SRV-CROSBY-MOD		CROSBY HB-65-DF	DW-1		C	100D A
	N/A	22A6441			HARSH		
1B21*RVF041G B21-F041G	MAIN STEAM SRV		CROSBY HB-65-DF	DW-1		C	N/A B
	N/A	22A6441			HARSH		
1B21*RVF041L B21-F041L	MAIN STEAM SRV		CROSBY HB-65-DF	DW-1		C	N/A B
	N/A	22A6441			HARSH		
1B21*RVF047A B21-F047A	MAIN STEAM SRV		CROSBY HB-65-DF	DW-1		C	100D A
	N/A	22A6441			HARSH		
1B21*RVF047B B21-F047B	MAIN STEAM SRV		CROSBY HB-65-DF	DW-1		C	100D B
	N/A	22A6441			HARSH		
1B21*RVF047C B21-F047C	MAIN STEAM SRV		CROSBY HB-65-DF	DW-1		C	100D A
	N/A	22A6441			HARSH		
1B21*RVF047D B21-F047D	MAIN STEAM SRV		CROSBY HB-65-DF	DW-1		C	N/A B
	N/A	22A6441			HARSH		
1B21*RVF047F B21-F047F	MAIN STEAM SRV		CROSBY HB-65-DF	DW-1		C	N/A B
	N/A	22A6441			HARSH		
1B21*RVF051B B21-F051B	MAIN STEAM SRV		CROSBY HB-65-DF	DW-1		C	N/A B
	N/A	22A6441			HARSH		

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*****
MARK NO      EQUIPMENT DESCRIPTION      MAKE/MANUFACTURER  ENV. ZONE  EQUALST  OP TIME  QRN1
              PANEL/RACK                PPD.NO        MODEL/CATALOG NO.  SUBMRG   ENVTYP   INSTATUS  QRN2
              REMARKS
*****
  
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B21 NUCLEAR BOILER SYSTEM

MARK NO	EQUIPMENT DESCRIPTION	PPD.NO	MAKE/MANUFACTURER	ENV. ZONE	ENVTYP	EQUALST	OP TIME	QRN1	QRN2	QRN3
1B21*RVF051C B21-F051C	MAIN STEAM SRV		CROSBY	DW-1		C	N/A			
	N/A	22A6441	HB-65-DF		HARSH		B			
1B21*RVF051D B21-F051D	MAIN STEAM SRV		CROSBY	DW-1		C	N/A			
	N/A	22A6441	HB-65-DF		HARSH		B			
1B21*RVF051G B21-F051G	MAIN STEAM SRV		CROSBY	DW-1		C	100D			
	N/A	22A6441	HB-65-DF		HARSH		A			

B33 REACTOR RECIRC VALVE FLOW CONTROL

MARK NO	EQUIPMENT DESCRIPTION	PPD.NO	MAKE/MANUFACTURER	ENV. ZONE	ENVTYP	EQUALST	OP TIME	QRN1	QRN2	QRN3
1B33*FTN014A B33-N014A	DIFF PRESS XMTR		RSMT	CT-G		C	45 SEC			
	H22-P025	169C8392	1152DP5E22T0280PB		HARSH		B			
1B33*FTN014B B33-N014B	DIFF PRESS XMTR		RSMT	CT-G		C	45 SEC			
	H22-P025	169C8392	1152DP5E22T0280PB		HARSH		B			
1B33*FTN014C B33-N014C	DIFF PRESS XMTR		RSMT	CT-G		C	45 SEC			
	H22-P042	169C8392	1152DP5E22T0280PB		HARSH		B H			
1B33*FTN014D B33-N014D	DIFF PRESS XMTR		RSMT	CT-G		C	45 SEC			
	H22-P042	169C8392	1152DP5E22T0280PB		HARSH		B			
1B33*FTN024A B33-N024A	DIFF PRESS XMTR		RSMT	CT-G		C	45 SEC			
	H22-P015	169C8392	1152DP5E22T0280PB		HARSH		B			
1B33*FTN024B B33-N024B	DIFF PRESS XMTR		RSMT	CT-G		C	45 SEC			
	H22-P015	169C8392	1152DP5E22T0280PB		HARSH		B			

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MARK NO	EQUIPMENT DESCRIPTION	MAKE/MANUFACTURER MODEL/CATALOG NO.	ENV. ZONE SUBHRG	ENV TYP	EQUALST INSTAUS	OP TIME OC	QRN1 QRN2 QRN3
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B33 REACTOR RECIRC VALVE FLOW CONTROL

1B33*FTN024C B33-N024C	DIFF PRESS XMTR	RSMT 1152DP5E22T0280PB	CT-G	HARSH	C	45 SEC B	
	H22-P041 169C0392						
1B33*FTN024D B33-N024D	DIFF PRESS XMTR	RSMT 1152DP5E22T0280PB	CT-G	HARSH	C	45 SEC B	
	H22-P041 169C0392						

C11 CONTROL ROD DRIVE HYDRAULIC CONTROL SYSTEM

1C11*ACTD001 C11-D001	HCU-PIL SCR SOL	ASCO HVA-176-816-1	CT-3	HARSH	B	10 MIN A	
	N/A 922D138						
1C11*AOVF010 C11-F010	SDV VENT LH SH	NHCO EA 080	CT-G	HARSH	A	N/A B	
	21A1997						
1C11*AOVF011 C11-F011	SDV DRAIN LH SH	NHCO EA080	CT-G	HARSH	A	N/A B	
	21A1997						
1C11*AOVF180 C11-F180	SDV VENT LH SH	NHCO EA180	CT-G	HARSH	B	N/A B	
	N/A						
1C11*LSN013A C11-N013A	LEVEL SWITCH	MAGNETROL 5.0-751	CT-3	HARSH	B	10 MIN A	
	N/A 184C4776						
1C11*LSN013B C11-N013B	LEVEL SWITCH	MAGNETROL 5.0-751	CT-3	HARSH	B	10 MIN A	
	N/A 184C4776						

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MARK NO      EQUIPMENT DESCRIPTION      MAKE/MANUFACTURER  ENV. ZONE  EQUALST  OP TIME  QRN1
              PANEL/RACK                PPD.NO         MODEL/CATALOG NO. SUBMRG  ENVTP    CC       QRN2
              REMARKS                    INSTATUS      QRN3
*****
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C11 CONTROL ROD DRIVE HYDRAULIC CONTROL SYSTEM

1C11*LSN013D C11-N013D	LEVEL SWITCH		MAGNETROL 5.0-751	CT-3		B	10 MIN A
	N/A	184C4776			HARSH		
1C11*LTN012A C11-N012A	LEVEL XMTR		GLDI PD-3218	CT-3		B	10 MIN A
	N/A	184C4775			HARSH		
1C11*LTN012B C11-N012B	LEVEL XMTR		GLDI PD-3218	CT-3		B	10 MIN A
	N/A	184C4775			HARSH		
1C11*LTN012C C11-N012C	LEVEL XMTR		GLDI PD-3218	CT-3		B	10 MIN A
	N/A	184C4775			HARSH		
1C11*LTN012D C11-N012D	LEVEL XMTR		GLDI PD3218	CT-3		B	10 MIN A
	N/A	184C4775			HARSH		
1C11*LTN017A C11-N017A	LEVEL XMTR		GLDI PD3218	CT-3		B	N/A
	N/A	184C4775			HARSH		
1C11*LTN017B C11-N017B	LEVEL XMTR		GLDI PD3218	CT-3		B	N/A
	N/A	184C4775			HARSH		
1C11*PTN054A C11-N054A	PRESS XMTR		RSMT 1152GP7E22T0280PB	TB-095-2		C	N/A D
	N/A	169C8394			HARSH		
1C11*PTN054B C11-N054B	PRESS XMTR		RSMT 1152GP7E22T0280PB	TB-095-2		C	N/A D
	N/A	169C8394			HARSH		
1C11*PTN054C C11-N054C	PRESS XMTR		RSMT 1152GP8E22T0280PB	TB-095-2		C	N/A D
	N/A	K09C8394			HARSH		

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*****
MARK NO      EQUIPMENT DESCRIPTION      MAKE/MANUFACTURER  ENV. ZONE  EQUALST  OP TIME  QRN1
              PANEL/RACK                MODEL/CATALOG NO. SUBMRG     ENVTYP    OC       QRN2
              PPD.NO                   REMARKS      INSTATUS   QRN3
*****
```

C11 CONTROL ROD DRIVE HYDRAULIC CONTROL SYSTEM

1C11*PTN054D	PRESS XMTR	RSMT	TB-095-2	C	N/A
C11-N054D		1152GPBE22T0280PB		HARSH	n
	N/A	169C8394			
1C11*SOVF009	SDV ISOL SOL VL	VALCOR	CT-3	C	10 MIN
C11-F009		V70900-45		HARSH	A
	N/A	746E552			
1C11*SOVF182	SDV ISOL SOL VL	VALCOR	CT-3	B	10 MIN
C11-F182		V70900-45		HARSH	A
	N/A	796E552			
1C11*TRR018	TEMP RECORDER	NESTRONICS	AB-141-4	B	N/A
C11-R018		H1LE/HB		HARSH	B
	H22-P007	163C1583			
1C11-SOVF110A	SDV SOL VL BACKUP SCRAM	VALCOR	CT-3	B	N/A
C11-F110A		V70900-45		HARSH	B
		21A9313			

C41 STANDBY LIQUID CONTROL SYSTEM

1C41*MC001A	SLC MOTOR	GENERAL ELECTRIC	CT-4	C	6 HRS
C41-C001A		5K324AN2960		HARSH	B
	N/A				
1C41*MC001B	SLC MOTOR	GENERAL ELECTRIC	CT-4	C	6 HRS
C41-C001B		5K324AN2960		HARSH	B
	N/A				
1C41*VEXF004A	SLC EXPLOSIVE VALVE	CONX	CT-4	A	1 HR
C41-F004A		1832-159-01		HARSH	B
	N/A				
1C41*VEXF004B	SLC EXPLOSIVE VALVE	CONX	CT-4	A	1 HR
C41-F004B		1832-159-01		HARSH	B
	N/A				

MARK NO	EQUIPMENT DESCRIPTION	MAKE/MANUFACTURER	ENV. ZONE	EQUALST	OP TIME	QRN1
	PANEL/RACK	PPD.NO	MODEL/CATALOG NO.	SUBMRG	ENVTP	OC
		REMARKS			INSTATUS	QRN2 QRN3

C51 NEUTRON MONITORING SYSTEM

1C51*JEN001A C51-N001A	SRM DETECT		GENERAL ELECTRIC	RPV	HARSH	A	N/A B
	N/A	112C3144					
1C51*JEN001B C51-N001B	SRM DETECT		GENERAL ELECTRIC	RPV	HARSH	A	N/A B
	N/A	112C3144					
1C51*JEN001C C51-N001C	SRM DETECT		GENERAL ELECTRIC	RPV	HARSH	A	N/A B
	N/A	112C3144					
1C51*JEN001D C51-N001D	SRM DETECT		GENERAL ELECTRIC	RPV	HARSH	A	N/A B
	N/A	112C3144					
1C51*JEN002A C51-N002A	IRM DET		GENERAL ELECTRIC	DW-3	HARSH	A	N/A B
	N/A	112C3144					
1C51*JEN002B C51-N002B	IRM DET		GENERAL ELECTRIC	DW-3	HARSH	A	N/A B
	N/A	112C3144					
1C51*JEN002C C51-N002C	IRM DET		GENERAL ELECTRIC	DW-3	HARSH		N/A B
	N/A	112C3144					
1C51*JEN002D C51-N002D	IRM DET		GENERAL ELECTRIC	DW-3	HARSH	A	N/A B
		112C3144					
1C51*JEN002E C51-N002E	IRM DET		GENERAL ELECTRIC	DW-3	HARSH	A	N/A B
		112C3144					
1C51*JEN002F C51-N002F	IRM DET		GENERAL ELECTRIC	DW-3	HARSH	A	N/A B
		112C3144					

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              PANEL/RACK                MODEL/CATALOG NO.  SUBMRG     ENVYTP   OC       QRN2
              PPD.NO                    REMARKS        INSTATUS   QRN3
*****
```

C51 NEUTRON MONITORING SYSTEM

1C51*JEN002G C51-N002G	IRM DET		GENERAL ELECTRIC	DW-3		A	N/A B
		112C3144			HARSH		
1C51*JEN002H C51-N002H	IRM DET		GENERAL ELECTRIC	DW-3		A	N/A B
		112C3144			HARSH		
1C51*JEN011 C51-N011	POWER RNG DETEC		GENERAL ELECTRIC	DW-3		A	N/A B
	N/A	133D9868			HARSH		
1C51*JEN012 C51-N012	POWER RNG DETEC		GENERAL ELECTRIC	DW-3		A	N/A B
	N/A	133D9868			HARSH		
1C51*JEN013 C51-N013	POWER RNG DETEC		GENERAL ELECTRIC	DW-3		A	N/A B
	N/A	133D9868			HARSH		
1C51*JEN014 C51-N014	POWER RNG DETEC		GENERAL ELECTRIC	DW-3		A	N/A B
	N/A	133D9868			HARSH		
1C51*JYK001A C51-K001A	PULSE PRE-AMP		GENERAL ELECTRIC	AB-114-1		A	N/A B
	H22-P030	112C2276			HARSH		
1C51*JYK001B C51-K001B	PULSE PRE-AMP		GENERAL ELECTRIC	AB-114-5		A	N/A B
	H22-P031	112C2276			HARSH		
1C51*JYK001C C51-K001C	PULSE PRE-AMP		GENERAL ELECTRIC	FB-113-G		A	N/A B
	H22-P032	112C2276			HARSH		
1C51*JYK001D C51-K001D	PULSE PRE-AMP		GENERAL ELECTRIC	FB-113-G		A	N/A B
	H22-P033	112C2276			HARSH		

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*****
MARK NO      EQUIPMENT DESCRIPTION      MAKE/MANUFACTURER  ENV. ZONE  EQUALST  OP TIME  QRN1
              PANEL/RACK                MODEL/CATALOG NO. SUBMRG    ENVTP    OC       QRN2
              PPD.NO                   REMARKS      INSTATUS  QRN3
*****
```

C61 REMOTE SHUTDOWN SYSTEM

1C61*FTN001	DIFF PRESS XMTR	RSMT	AB-095-8	C	N/A
C61-N001		1152DP5E22T0280PB		HARSH	B
	H22-P018	169C8392			
1C61*FTN006	GAUGE PRESS XMTR	RSMT	CT-G	C	N/A
C61-N006		1152GP9E22T0280PB		HARSH	B
	H22-P004	169C8394			
1C61*LTN010	DIFF PRESS XMTR	RSMT	CT-G	C	N/A
C61-N010		1152DP5E22T0280PB		HARSH	B
	H22-P004	169C8392			

C71 REACTOR PROTECTION SYSTEM

1C71*PSN005A	PRESS SW	BARK	TB-095-3	A	45 SEC
C71-N005A		TC9622		HARSH	D
	N/A	163C1090			
1C71*PSN005B	PRESS SW	BARK	TB-095-3	A	45 SEC
C71-N005B		TC9622		HARSH	D
	N/A	163C1090			
1C71*PSN005C	PRESS SW	BARK	TB-095-3	A	45 SEC
C71-N005C		TC9622		HARSH	D
	N/A	163C1090			
1C71*PSN005D	PRESS SW	BARK	TB-095-3	A	45 SEC
C71-N005D		TC9622		HARSH	D
	N/A	163C1090			
1C71*PTN050A	ABSOLUTE PRESS XMTR	RSMT	CT-G	C	45 SEC
C71-N050A		1152AP5E22T0280PB		HARSH	A
	H22-P004	169C8969			
1C71*PTN050B	ABSOLUTE PRESS XMTR	RSMT	CT-G	C	45 SEC
C71-N050B		1152AP5E22T0280PB		HARSH	A
	H22-P027	169C8969			

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MARK NO	EQUIPMENT DESCRIPTION	MAKE/MANUFACTURER	ENV. ZONE	EQUALST	OP TIME	QRN1
	PANEL/RACK	PPD.NO	MODEL/CATALOG NO.	SUBMRG	ENVTP	CC
			REMARKS		INSTATUS	QRN2
						QRN3

C71 REACTOR PROTECTION SYSTEM

1C71*PTN050C C71-N050C	ABSOLUTE PRESS XMTR		RSMT 1152AP5E22T0280PB	CT-G	HARSH	C	45 SEC A
	H22-P005	169C8969					
1C71*PTN050D C71-N050D	ABSOLUTE PRESS XMTR		RSMT 1152AP5E22T0280PB	CT-G	HARSH	C	45 SEC A
	H22-P026	169C8969					
1C71*PTN052A C71-N052A	GAUGE PRESS XMTR		RSMT 1152GP9E22T0280PB	TB-095-3	HARSH	C	45 SEC D
	N/A	169C8394					
1C71*PTN052B C71-N052B	GAUGE PRESS XMTR		RSMT 1152GP9E22T0280PB	TB-095-3	HARSH	C	45 SEC D
	N/A	169C8394					
1C71*PTN052C C71-N052C	GAUGE PRESS XMTR		RSMT 1152GP9E22T0280PB	TB-095-3	HARSH	C	45 SEC D
	N/A	169C8394					
1C71*PTN052D C71-N052D	GAUGE PRESS XMTR		RSMT 1152GP9E22T0280PB	TB-095-3	HARSH	C	45 SEC D
	N/A	169C8394					
1C71*ZSN006A C71-N006A	SWITCH		NMCO EA170	TB-095-3	HARSH	A	45 SEC D
	N/A	163C1303					
1C71*ZSN006B C71-N006B	SWITCH		NMCO EA170	TB-095-3	HARSH	A	45 SEC D
	N/A	163C1303					
1C71*ZSN006C C71-N006C	SWITCH		NMCO EA170	TB-095-3	HARSH	A	45 SEC D
	N/A	163C1303					
1C71*ZSN006D C71-N006D	SWITCH		NMCO EA170	TB-095-3	HARSH	A	45 SEC D
	N/A	163C1303					

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*****
MARK NO      EQUIPMENT DESCRIPTION      MAKE/MANUFACTURER  ENV. ZONE  ENVTP  EQUALST  OP TIME  QRN1
              PANEL/RACK                MODEL/CATALOG NO. SUBIRG      INSTATUS  OC       QRN2
              PPD.NO                    REMARKS                                     QRN3
*****
```

C71 REACTOR PROTECTION SYSTEM

1C71*ZSN006E	SWITCH		NMCO	TB-095-3		A	45 SEC
C71-N006E	N/A	163C1303	EA170		HARSH		D
1C71*ZSN006F	SWITCH		NMCO	TB-095-3		A	45 SEC
C71-N006F	N/A	163C1303	EA170		HARSH		D
1C71*ZSN006G	SWITCH		NMCO	TB-095-3		A	45 SEC
C71-N006G	N/A	163C1303	EA170		HARSH		D
1C71*ZSN006H	SWITCH		NMCO	TB-095-3		A	45 SEC
C71-N006H	N/A	163C1303	EA170		HARSH		D

D17 PROCESS RADIATION MONITORING SYSTEM

1D17*REN003A	INSUL DET		GENERAL ELECTRIC	AB-114-2		A	45 SEC
D17-N003A	N/A	237X731			HARSH		A
1D17*REN003B	INSUL DET		GENERAL ELECTRIC	AB-114-2		A	45 SEC
D17-N003B	N/A	237X731			HARSH		A
1D17*REN003C	INSUL DET		GENERAL ELECTRIC	AB-114-2		A	45 SEC
D17-N003C	N/A	237X731			HARSH		A
1D17*REN003D	INSUL DET		GENERAL ELECTRIC	AB-114-2		A	45 SEC
D17-N003D	N/A	237X731			HARSH		A

E12 RESIDUAL HEAT REMOVAL							
E12-C002A	RHR MOTOR		GENERAL ELECTRIC	AB-070-2			100D
	N/A		5H6336XC322A		HARSH		A

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MARK NO	EQUIPMENT DESCRIPTION	MAKE/MANUFACTURER MODEL/CATALOG NO.	ENV. ZONE SUBMRG	ENV TYP	EQUALST INSTATUS	OP TIME OC	QRN1 QRN2 QRN3
	PANEL/RACK	PPD.NO	REMARKS				
E12	RESIDUAL HEAT REMOVAL						
E12-C002B	RHR MOTOR	GENERAL ELECTRIC 5K6336XC322A	AB-070-4	HARSH		100D A	
	N/A						
E12-C002C	RHR MOTOR	GENERAL ELECTRIC 5K6336XC322A	AB-070-5	HARSH		100D A	
	N/A						
1E12*FEN013 E12-N013	DIFF PRESS XMTR	RSMT 1152DP5E22T0280PB	AB-095-8	HARSH	C	N/A B	
	N/A	169C8392					
1E12*FTN007A E12-N007A	DIFF PRESS XMTR	RSMT 1152DP5E22T0280-B	AB-095-8	HARSH	C	100D A	
	H22-P018	169C8392					
1E12*FTN007B E12-N007B	DIFF PRESS XMTR	RSMT 1152DP5E22T0280PB	AB-095-7	HARSH	C	100D A	
	H22-P021	169C8392					
1E12*FTN015A E12-N015A	DIFF PRESS XMTR	RSMT 1152DP5E22T0280PB RG1.97	AB-095-8	HARSH	C	100D A	
	H22-P018	169C8392					
1E12*FTN015B E12-N015B	DIFF PRESS XMTR	RSMT 1152DP5E22T0280PB RG1.97	AB-095-7	HARSH	C	100D A	
	H22-P021	169C8392					
1E12*FTN015C E12-N015C	DIFF PRESS XMTR	RSMT 1152DP5E22T0280PB RG1.97	AB-095-7	HARSH	C	100D A	
	H22-P055	169C8392					
1E12*FTN052A E12-N052A	DIFF PRESS XMTR	RSMT 1152DP3E22T0280PB	AB-095-8	HARSH	C	100D A	
	H22-P018	169C8392					
1E12*FTN052B E12-N052B	DIFF PRESS XMTR	RSMT 1152DP3E22T0280PB	AB-095-7	HARSH	C	100D A	
	H22-P021	169C8392					

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*****
MARK NO      EQUIPMENT DESCRIPTION      MAKE/MANUFACTURER      ENV. ZONE      EQUALST      OP TIME      QRN1
              PANEL/RACK                PPD.NO              MODEL/CATALOG NO.    SUBRG      ENVTP      INSTATUS      OC          QRN2
              QRN3
*****
```

E12 RESIDUAL HEAT REMOVAL

1E12WFTN052C	DIFF PRESS XMTR		RSMT	AB-095-7		C	100D
E12-N052C			1152DP3E22T0280PB		HARSH		A
	H22-P055	169C8392					
1E12WLTN008A	LEVEL XMTR		ITT BARTON	AB-095-2			N/A
E12-N008A			352/368		HARSH		B
	N/A	145C3156					
1E12WLTN008B	LEVEL XMTR		ITT BARTON	AB-095-5			N/A
E12-N008B			352/368		HARSH		B
	N/A	145C3156					
1E12WPTN026A	GAUGE PRESS XMTR		RSMT	AB-095-8		C	N/A
E12-N026A			1152GP8E22T0280PB		HARSH		B
	H22-P018	169C8394					
1E12WPTN026B	GAUGE PRESS XMTR		PSMT	AB-095-7		C	N/A
E12-N026B			1152GP8E22T0280PB		HARSH		B
	H22-P021	169C8394					
1E12WPTN028	GAUGE PRESS XMTR		RSMT	AB-095-8		C	N/A
E12-N028			1152GP7E22T0280PB		HARSH		B
	H22-P018	169C8394					
1E12WPTN050A	GAUGE PRESS XMTR		RSMT	AB-095-8		C	N/A
E12-N050A			1152GP7E22T0280PB		HARSH		B
	H22-P018	169C8394					
1E12WPTN050B	GAUGE PRESS XMTR		RSMT	AB-095-7		C	N/A
E12-N050B			1152GP7F22T0280PB		HARSH		B
	H22-P021	169C8394					
1E12WPTN051A	GAUGE PRESS XMTR		RSMT	AB-095-8		C	N/A
E12-N051A			1152GP7E22T0280PB		HARSH		B
	H22-P018	169C8394					
1E12WPTN051B	GAUGE PRESS XMTR		RSMT	AB-095-7		C	N/A
E12-N051B			1152GP7E22T0280PB		HARSH		B
	H22-P021	169C8394					

MARK NO	EQUIPMENT DESCRIPTION	MAKE/MANUFACTURER	ENV. ZONE	EQUALST	OP TIME	QRN1
	PANEL/RACK	PPD.NO	MODEL/CATALOG NO.	SUBMRG	ENVTP	QRN2
			REMARKS		INSTATUS	QRN3

E12 RESIDUAL HEAT REMOVAL

1E12*PTN053A E12-N053A	GAUGE PRESS XMTR H22-P018	169C8394	RSMT 1152GP7E22T0280PB	AB-095-8	HARSH	C	N/A B
1E12*PTN053B E12-N053B	GAUGE PRESS XMTR H22-P021	169C8394	RSMT 1152GP7E22T0280PB	AB-095-7	HARSH	C	N/A B
1E12*PTN053C E12-N053C	GAUGE PRESS XMTR H22-P055	169C8394	RSMT 1152GP7E22T0280PB	AB-095-7	HARSH	C	N/A B
1E12*PTN055A E12-N055A	GAUGE PRESS XMTR H22-P018	169C8394	RSMT 1152GP7E22T0280PB	AB-095-8	HARSH	C	N/A B
1E12*PTN055B E12-N055B	GAUGE PRESS XMTR H22-P021	169C8394	RSMT 1152GP7E22T0280PB	AB-095-7	HARSH	C	1 HR A
1E12*PTN055C E12-N055C	GAUGE PRESS XMTR H22-P055	169C8394	RSMT 1152GP7E22T0280PB	AB-095-7	HARSH	C	1 HR A
1E12*PTN056A E12-N056A	GAUGE PRESS XMTR H22-P018	169C8394	RSMT 1152GP7E22T0280PB	AB-095-8	HARSH	C	1 HR A
1E12*PTN056B E12-N056B	GAUGE PRESS XMTR H22-P021	169C8394	RSMT 1152GP7E22T0280PB	AB-095-7	HARSH	C	1 HR A
1E12*PTN056C E12-N056C	GAUGE PRESS XMTR H22-P055	169C8394	RSMT 1152GP7E22T0280PB	AB-095-7	HARSH	C	1 HR A
1E12*PTN057 E12-N057	GAUGE PRESS XMTR N/A	169C8394	RSMT 1152GP8E2250280PB	AB-070-4	HARSH	C	N/A B

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 MARK NO EQUIPMENT DESCRIPTION MAKE/MANUFACTURER ENV. ZONE EQUALST OP TIME QRN1
 SUBMRG ENV TYP OC QRN2
 INSTATUS QRN3

E12 RESIDUAL HEAT REMOVAL

1E12*PTN058A E12-N058A	GAUGE PRESS XMTR		RSMT	CT-G	C	N/A
	H22-P004	169C0394	1152GP8E2250280PB		HARSH	B
1E12*PTN058B E12-N058B	GAUGE PRESS XMTR		RSMT	CT-G	C	N/A
	H22-P027	169C0394	1152GP8E22T0280PB		HARSH	B
1E12*PTN058C E12-N058C	GAUGE PRESS XMTR		RSMT	AB-095-7	C	N/A
	H22-P055	169C0394	1152GP6E22T0280PB		HARSH	B

E21 CORE SPRAY - LOW PRESSURE

1E21*FTN003 E21-N003	PRESS XMTR		RSMT	AB-095-1	C	100D
	H22-P001	169C0392	1152DP5E22T0280 RG1.97		HARSH	A
1E21*FTN050 E21-N050	GAUGE PRESS XMTR		RSMT	AB-095-1	C	N/A
	H22-P001	169C0394	1152GP6E22T0280		HARSH	B
1E21*FTN051 E21-N051	DIFF PRESS XMTR		RSMT	AB-095-1	C	100D
	H22-P001	169C0392	1152DP3E22T0280		HARSH	A
1E21*MC001 E21-C001	LPCS MOTOR		GENERAL ELECTRIC	AB-070-1	A	100D
	N/A	203X429	5K6339XC185A		HARSH	A
1E21*PTN052 E21-N052	GAUGE PRESS XMTR		RSMT	AB-095-1	C	1 HR
	H22-P001	169C0394	1152GP7E22T0280		HARSH	A
1E21*PTN053 E21-N053	GAUGE PRESS XMTR		RSMT	AB-095-1	C	1 HR
	H22-P001	169C0394	1152GP7E22T0280PB		HARSH	A

MARK NO	EQUIPMENT DESCRIPTION	MAKE/MANUFACTURER	ENV. ZONE	EQUALST	OP TIME	QRN1
	PANEL/RACK	MODEL/CATALOG NO.	SUBMRG	ENVTP	OC	QRN2
	PPD.NO	REMARKS			INSTATUS	QRN3

E21 CORE SPRAY - LOW PRESSURE

1E21*PTN054	GAUGE PRESS XMTR	AB-095-1	C	100D
E21-N054			HARSH	A
	H22-P001	169C6394		

E22 CORE SPRAY - HIGH PRESSURE

1E22*FTN005	DIFF PRESS XMTR	RSMT	AB-095-7	C	100D
E22-N005		1152DP5E22T0280PB			A
	H22-P024	169C0392		HARSH	
		RG1.97			

1E22*F1N056	DIFF PRESS XMTR	RSMT	AB-095-7	C	100D
E22-N056		11520P4E22T0280PB			A
	H22-P024	169C8392		HARSH	

1E22*LTN054C	DIFF PRESS XMTR	RSMT	PT-8	C	24 HRS
E22-N054C		1152DP3E22T0280PB			D
N/A	169C8392			MILD	

1E22*LTN054G	DIFF PRESS XMTR	RSMT	PT-8	C	24 HRS
E22-N054G		1152DP3E22T0260PB			D
N/A	169C8392			MILD	

1E22*LTN055C	LEVEL XMTR	GLDI	CT-3	C	24 HRS
E22-N055C		PD3216			A
	N/A	184C4775		HARSH	

1E22wLTN055G	LEVEL XMTR	GLDI	CT-3	C	24 HRS
E22-N055G		PD3218		HARSH	A
	N/A	184C4775			

1E22*HC001	HPCS MOTOR	GENERAL ELECTRIC	AB-070-B	A	100D
E22-C001		5K6340XC98A		HARSH	A
	N/A	21A3501			

1E22*MOV F001	MOV	LMTQ	AB-070-6	C	100D
E22-F001		SHB-00-10			A
	N/A	10505007		HARSH	

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MARK NO	EQUIPMENT DESCRIPTION	MAKE/MANUFACTURER	ENV. ZONE	EQUALST	OP TIME	QRN1
	PANEL/RACK	PPD.NO	MODEL/CATALOG NO.	SUBMRG	ENVTP	OC
			REMARKS		INSTAUS	QRN3

1E22*ZTN010 E22-N010	MOV-POSIT TRANS E22-F011	LMTQ 1152GP6E22T0280PB	AB-070-6	HARSH	C	N/A B
E31 LEAK DETECTION SYSTEM						
H22-P017 E31-N075A	DIFF PRESS XMTR H22-P017	RSMT 1152DP5E22T0280PB	AB-095-8	HARSH	C	10 MIN A
1E31*FTN021 E31-N021	TURB FLOW MTR N/A	ITT BARTON 7183	CT-G	HARSH	A	N/A B
1E31*FTN075B E31-N075B	DIFF PRSS XMTR H22-P055	RSMT 1152DP5E22T0280PB	AB-095-7	HARSH	C	10 MIN A
1E31*FTN076A E31-N076A	DIFF PRESS XMTR H22-P004	RSMT 1152DP5E22T0280PB	CT-G	HARSH	C	10 MIN A
1E31*FTN076B E31-N076B	DIFF PRESS XMTR H22-P015	RSMT 1152DP5E22T0280PB	CT-G	HARSH	C	10 MIN A
1E31*FTN077A E31-N077A	DIFF PRESS XMTR H22-P017	RSMT 1152DP5E22T0280PB	AB-095-8	HARSH	C	10 MIN A
1E31*FTN077B E31-N077B	DIFF PRESS XMTR H22-P055	RSMT 1152DP5E22T0280PB	AB-095-7	HARSH	C	10 MIN A
1E31*PDTN080A E31-N080A	DIFF PRESS XMTR H22-P004	RSMT 1152DP5E22T0280PB	CT-G	HARSH	C	N/A B

MARK NO	EQUIPMENT DESCRIPTION	MAKE/MANUFACTURER	ENV. ZONE	EQUALST	OP TIME	QRN1
		MODEL/CATALOG NO.	SUBMRG	ENVTP	OC	QRN2
	PANEL/RACK	PPD.NO	REMARKS		INSTATUS	QRN3

E31 LEAK DETECTION SYSTEM

1E31*PDTN080B E31-N080B	DIFF PRESS XMTR H22-P027	169C8392	RSMT 1152DP5E22T0280PB	CT-G	HARSH	C	N/A B
1E31*PDTN083A E31-N083A	DIFF PRESS XMTR H22-P017	169C8392	RSMT 1152DP5E22T0280PB	AB-095-8	HARSH	C	10 MIN A
1E31*PDTN083B E31-N083B	DIFF PRESS XMTR H22-P021	169C8392	RSMT 1152DP5E22T0280PB	AB-095-7	HARSH	C	10 MIN A
1E31*PDTN084A E31-N084A	DIFF PRESS XMTR H22-P004	169C8392	RSMT 1152DP5E22T0280PB	CT-G	HARSH	C	12 HRS A
1E31*PDTN084B E31-N084B	DIFF PRESS XMTR H22-P015	169C8392	RSMT 1152DP5E22T0280PB	CT-G	HARSH	C	12 HRS A
1E31*PDTN086A E31-N086A	DIFF PRESS XMTR H22-P015	169C8392	RSMT 1152DP7E22T0280PB	CT-G	HARSH	C	24 HRS A
1E31*PDTN086B E31-N086B	DIFF PRESS XMTR H22-P015	169C8392	RSMT 1152DP7E22T0280PB	CT-G	HARSH	C	24 HRS A
1E31*PDTN086C E31-N086C	DIFF PRESS XMTR H22-P042	169C8392	RSMT 1152DP7E22T0280PB	CT-G	HARSH	C	24 HRS A
1E31*PDTN086D E31-N086D	DIFF PRESS XMTR H22-P042	169C8392	RSMT 1152DP7E22T0280PB	CT-G	HARSH	C	24 HRS A
1E31*PDTN087A E31-N087A	DIFF PRESS XMTR H22-P025	169C8392	RSMT 1152DP7E22T0280PB	CT-G	HARSH	C	24 HRS A

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MARK NO      EQUIPMENT DESCRIPTION      MAKE/MANUFACTURER  ENV. ZONE  EQUALST  OP TIME  QRN1
              PANEL/RACK                MODEL/CATALOG NO.  SUBMRG    ENVTYP   OC       QRN2
              PPD.NO                    REMARKS        INSTATUS  QRN3
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E31 LEAK DETECTION SYSTEM

1E31*PDTN087B E31-N087B	DIFF PRESS XMTR H22-P025	169C8392	RSMT 1152DP7E22T0280PB	CT-G	HARSH	C	24 HRS A
1E31*PDTN087C E31-N087C	DIFF PRESS XMTR H22-P041	169C8392	RSMT 1152DP7E22T0280PB	CT-G	HARSH	C	24 HRS A
1E31*PDTN087D E31-N087D	DIFF PRESS XMTR H22-P041	169C8392	RSMT 1152DP7E22T0280PB	CT-G	HARSH	C	24 HRS A
1E31*PDTN088A E31-N088A	DIFF PRESS XMTR H22-P015	169C8392	RSMT 1152DP7E22T0280PB	CT-G	HARSH	C	24 HRS A
1E31*PDTN088B E31-N088B	DIFF PRESS XMTR H22-P015	169C8392	RSMT 1152DP7E22T0280PB	CT-G	HARSH	C	24 HRS A
1E31*PDTN088C E31-N088C	DIFF PRESS XMTR H22-P042	169C8392	RSMT 1152DP7E22T0280PB	CT-G	HARSH	C	24 HRS A
1E31*PDTN088D E31-N088D	DIFF PRESS XMTR H22-P042	169C8392	RSMT 1152DP7E22T0280PB	CT-G	HARSH	C	24 HRS A
1E31*PDTN089A E31-N089A	DIFF PRESS XMTR H22-P025	169C8392	RSMT 1152DP7E22T0280PB	CT-G	HARSH	C	24 HRS A
1E31*PDTN089B E31-N089B	DIFF PRESS XMTR H22-P025	169C8392	RSMT 1152DP7E22T0280PB	CT-G	HARSH	C	24 HRS A
1E31*PDTN089C E31-N089C	DIFF PRESS XMTR H22-P041	169C8392	RSMT 1152DP7E22T0280PB	CT-G	HARSH	C	24 HRS A

MARK NO	EQUIPMENT DESCRIPTION	MAKE/MANUFACTURER	ENV. ZONE	EQUALST	OP TIME	QRN1
		MODEL/CATALOG NO.	SUBHRG	ENVTP	OC	QRN2
	PANEL/RACK	PPD.NO	REMARKS		INSTATUS	QRN3

E31 LEAK DETECTION SYSTEM

1E31*PDTN089D E31-N089D	DIFF PRESS XMTR H22-P041	169C8392	RSMT 1152DP7E22T0280PB	CT-G	HARSH	C	24 HRS A
1E31*PDTN092 E31-N092	GAUGE PRESS XMTR H22-P002	169C8394	RSMT 1152GP8E22T0280PB	CT-G	HARSH	C	N/A B
1E31*PTN085A E31-N085A	GAUGE PRESS XMTR H22-P004	169C8394	RSMT 1152GP7E22T0280PB	CT-G	HARSH	C	24 HRS A
1E31*PTN085B E31-N085B	GAUGE PRESS XMTR H22-P015	169C8394	RSMT 1152GP7E22T0280PB	CT-G	HARSH	C	12 HRS A
1E31*T/CN001A E31-N001A	TEMP ELEMENT N/A	145C3224	PYCO 102-9039-11	AB-070-5	HARSH	C	24 HRS A
1E31*T/CN001B E31-N001B	TEMP ELEMENT N/A	145C3224	PYCO 102-9039-11	AB-070-5	HARSH	C	24 HRS A
1E31*T/CN002A E31-N002A	TEMP ELEMENT N/A	145C3224	PYCO 102-9039-11	AB-070-5	HARSH	C	24 HRS A
1E31*T/CN002B E31-N002B	TEMP ELEMENT N/A	145C3224	PYCO 102-9039-11	AB-070-5	HARSH	C	24 HRS A
1E31*T/CN003A E31-N003A	TEMP ELEMENT N/A	145C3224	PYCO 102-9039-11	AB-070-5	HARSH	C	24 HRS A
1E31*T/CN003B E31-N003B	TEMP ELEMENT N/A	145C3224	PYCO 102-9039-11	AB-070-5	HARSH	C	24 HRS A

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              PANEL/RACK                PPD.NO          MODEL/CATALOG NO. SUBMRG  ENVTYP  INSTATUS  QRN2
              REMARKS
*****
QRN3
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E31 LEAK DETECTION SYSTEM

1E31*T/CN028A E31-N028A	TEMP ELEMENT N/A	145C3224	PYCO 102-9039-11	AB-070-2	HARSH	C	24 HRS A
1E31*T/CN028B E31-N028B	TEMP ELEMENT N/A	145C3224	PYCO 102-9039-11	AB-070-2	HARSH	C	24 HRS A
1E31*T/CN029A E31-N029A	TEMP ELEMENT N/A	145C3224	PYCO 102-9039-11	CT-9	HARSH	C	24 HRS A
1E31*T/CN029B E31-N029B	TEMP ELEMENT N/A	145C3224	PYCO 102-9039-11	CT-9	HARSH	C	24 HRS A
1E31*T/CN029C E31-N029C	TEMP ELEMENT N/A	145C3224	PYCO 102-9039-11	CT-9	HARSH	C	24 HRS A
1E31*T/CN029D E31-N029D	TEMP ELEMENT N/A	145C3224	PYCO 102-9039-11	CT-9	HARSH	C	24 HRS A
1E31*T/CN030A E31-N030A	TEMP ELEMENT N/A	145C3224	PYCO 102-9039-11	CT-9	HARSH	C	24 HRS A
1E31*T/CN030B E31-N030B	TEMP ELEMENT N/A	145C3224	PYCO 102-9039-11	CT-9	HARSH	C	24 HRS A
1E31*T/CN030C E31-N030C	TEMP ELEMENT N/A	145C3224	PYCO 102-9039-11	CT-9	HARSH	C	24 HRS A
1E31*T/CN030D E31-N030D	TEMP ELEMENT N/A	145C3224	PYCO 102-9039-11	CT-9	HARSH	C	24 HRS A

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MARK NO	EQUIPMENT DESCRIPTION	MAKE/MANUFACTURER	ENV. ZONE	EQUALST	OP TIME	QRN1
	PANEL/RACK	PPD.NO	MODEL/CATALOG NO.	SUBMRG	ENVTP	OC
			REMARKS			INSTATUS
						QRN3

E31 LEAK DETECTION SYSTEM

1E31*T/CN031A E31-N031A	TEMP ELEMENT N/A	145C3224	PYCO 102-9039-11	AB-114-2 HARSH	C	24 HRS A
1E31*T/CN031B E31-N031B	TEMP ELEMENT N/A	145C3224	PYCO 102-9039-11	AB-114-2 HARSH	C	24 HRS A
1E31*T/CN031C E31-N031C	TEMP ELEMENT N/A	145C3224	PYCO 102-9039-11	AB-114-2 HARSH	C	24 HRS A
1E31*T/CN031D E31-N031D	TEMP ELEMENT N/A	145C3224	PYCO 102-9039-11	AB-114-2 HARSH	C	24 HRS A
1E31*T/CN034A E31-N034A	TEMP ELEMENT N/A	145C3224	PYCO 102-9039-11	CT-7 HARSH	C	24 HRS A
1E31*T/CN034B E31-N034B	TEMP ELEMENT N/A	145C3224	PYCO 102-9039-11	CT-7 HARSH	C	24 HRS A
1E31*T/CN035A E31-N035A	TEMP ELEMENT N/A	145C3224	PYCO 102-9039-11	CT-7 HARSH	C	24 HRS A
1E31*T/CN035B E31-N035B	TEMP ELEMENT N/A	145C3224	PYCO 102-9039-11	CT-7 HARSH	C	24 HRS A
1E31*T/CN036A E31-N036A	TEMP ELEMENT N/A	145C3224	PYCO 102-9039-11	CT-7 HARSH	C	24 HRS A
1E31*T/CN036B E31-N036B	TEMP ELEMENT N/A	145C3224	PYCO 102-9039-11	CT-7 HARSH	C	24 HRS A

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*****
MARK NO      EQUIPMENT DESCRIPTION      MAKE/MANUFACTURER  ENV. ZONE  EQUALST  OP TIME  QRN1
              PANEL/RACK                MODEL/CATALOG NO. SUBMRG    ENVTP    OC       QRN2
              PPD.NO                   REMARKS                      INSTATUS  QRN3
*****
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E31 LEAK DETECTION SYSTEM

1E31* E31-N037A	TEMP ELEMENT N/A	PYCO 102-9039-11	AB-095-3	HARSH	C	24 HRS A
1E31* E31-N037B	TEMP ELEMENT N/A	PYCO 102-9039-11	AB-095-3	HARSH	C	24 HRS A
1E31* E31-N038A	TEMP ELEMENT N/A	PYCO 102-9039-11	AB-095-3	HARSH	C	24 HRS A
1E31* E31-N038B	TEMP ELEMENT N/A	PYCO 102-9039-11	AB-095-3	HARSH	C	24 HRS A
1E31* E31-N039A	TEMP ELEMENT N/A	PYCO 102-9039-11	AB-095-3	HARSH	C	24 HRS A
1E31* E31-N039B	TEMP ELEMENT N/A	PYCO 102-9039-11	AB-095-3	HARSH	C	24 HRS A
1E31* E31-N040A	TEMP ELEMENT N/A	PYCO 102-9039-11	AB-095-3	HARSH	C	24 HRS A
1E31* E31-N040B	TEMP ELEMENT N/A	PYCO 102-9039-11	AB-095-3	HARSH	C	24 HRS A
1E31* E31-N041A	TEMP ELEMENT N/A	PYCO 102-9039-11	AB-095-3	HARSH	C	24 HRS A
1E31* E31-N041B	TEMP ELEMENT N/A	PYCO 102-9039-11	AB-095-3	HARSH	C	24 HRS A

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 MARK NO EQUIPMENT DESCRIPTION MAKE/MANUFACTURER ENV. ZONE EQUALST OP TIME QRN1
 PANEL/RACK PPD.NO MODEL/CATALOG NO. SUBMRG ENVTYP OC QRN2
 INSTATUS QRN3

E31 LEAK DETECTION SYSTEM

1E31* E31-N042A	TEMP ELEMENT N/A	145C3224	PYCO 102-9039-11	AB-095-3	HARSH	C	24 HRS A
1E31* E31-N042B	TEMP ELEMENT N/A	145C3224	PYCO 102-9039-11	AB-095-3	HARSH	C	24 HRS A
1E31* E31-N043A	TEMP ELEMENT N/A	145C3224	PYCO 102-9039-11	CT-5	HARSH	C	24 HRS A
1E31* E31-N043B	TEMP ELEMENT N/A	145C3224	PYCO 102-9039-11	CT-5	HARSH	C	24 HRS A
1E31* E31-N044A	TEMP ELEMENT N/A	145C3224	PYCO 102-9039-11	CT-5	HARSH	C	24 HRS A
1E31* E31-N044B	TEMP ELEMENT N/A	145C3224	PYCO 102-9039-11	CT-5	HARSH	C	24 HRS A
1E31* E31-N045A	TEMP ELEMENT N/A	145C3224	PYCO 102-9039-11	CT-5	HARSH	C	24 HRS A
1E31* E31-N045B	TEMP ELEMENT N/A	145C3224	PYCO 102-9039-11	CT-5	HARSH	C	24 HRS A
1E31* E31-N046A	TEMP ELEMENT N/A	145C3224	PYCO 102-9039-11	CT-11	HARSH	C	24 HRS A
1E31* E31-N046B	TEMP ELEMENT N/A	145C3224	PYCO 102-9039-11	CT-11	HARSH	C	24 HRS A

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 MARK NO EQUIPMENT DESCRIPTION MAKE/MANUFACTURER ENV. ZONE EQUALST OP TIME QRN1
 MODEL/CATALOG NO. SUBMRG ENVTYP OC QRN2
 PANEL/RACK FPD.NO REMARKS INSTATUS QRN3

E31 LEAK DETECTION SYSTEM

1E31-T/CN047A E31-N047A	TEMP ELEMENT N/A	145C3224	PYCO 102-9039-11	CT-11	HARSH	C	24 HRS A
1E31-T/CN047B E31-N047B	TEMP ELEMENT N/A	145C3224	PYCO 102-9039-11	CT-11	HARSH	C	24 HRS A
1E31-T/CN048A E31-N048A	TEMP ELEMENT N/A	145C3224	PYCO 102-9039-11	CT-11	HARSH	C	24 HRS A
1E31-T/CN048B E31-N048B	TEMP ELEMENT N/A	145C3224	PYCO 102-9039-11	CT-11	HARSH	C	24 HRS A
1E31-T/CN049A E31-N049A	TEMP ELEMENT N/A	145C3224	PYCO 102-9039-11	CT-11	HARSH	C	24 HRS A
1E31-T/CN049B E31-N049B	TEMP ELEMENT N/A	145C3224	PYCO 102-9039-11	CT-11	HARSH	C	24 HRS A
1E31-T/CN050A E31-N050A	TEMP ELEMENT N/A	145C3224	PYCO 102-9039-11	CT-11	HARSH	C	24 HRS A
1E31-T/CN050B E31-N050B	TEMP ELEMENT N/A	145C3224	PYCO 102-9039-11	CT-11	HARSH	C	24 HRS A
1E31-T/CN051A E31-N051A	TEMP ELEMENT N/A	145C3224	PYCO 102-9039-11	CT-11	HARSH	C	24 HRS A
1E31-T/CN051B E31-N051B	TEMP ELEMENT N/A	145C3224	PYCO 102-9039-11	CT-11	HARSH	C	24 HRS A

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MARK NO      EQUIPMENT DESCRIPTION      MAKE/MANUFACTURER  ENV. ZONE  EQUALST  OP TIME  QRN1
              PANEL/RACK                MODEL/CATALOG NO. SUBMRG     ENVTP    OC       QRN2
              PPD.NO                    REMARKS      INSTATUS  QRN3
*****
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E31 LEAK DETECTION SYSTEM

1E31* E31-N052A	TEMP ELEMENT N/A	145C3224	PYCO 102-9039-11	CT-G	HARSH	C	24 HRS A
1E31* E31-N052B	TEMP ELEMENT N/A	145C3224	PYCO 102-9039-11	CT-G	HARSH	C	24 HRS A
1E31* E31-N053A	TEMP ELEMENT N/A	145C3224	PYCO 102-9039-11	CT-G	HARSH	C	24 HRS A
1E31* E31-N053B	TEMP ELEMENT N/A	145C3224	PYCO 102-9039-11	CT-G	HARSH	C	24 HRS A
1E31* E31-N054A	TEMP ELEMENT N/A	145C3224	PYCO 102-9039-11	CT-G	HARSH	C	24 HRS A
1E31* E31-N054B	TEMP ELEMENT N/A	145C3224	PYCO 102-9039-11	CT-G	HARSH	C	24 HRS A
1E31* E31-N055A	TEMP ELEMENT N/A	145C3224	PYCO 102-9039-11	CT-5	HARSH	C	24 HRS A
1E31* E31-N055B	TEMP ELEMENT N/A	145C3224	PYCO 102-9039-11	CT-5	HARSH	C	24 HRS A
1E31* E31-N056A	TEMP ELEMENT N/A	145C3224	PYCO 102-9039-11	CT-5	HARSH	C	24 HRS A
1E31* E31-N056B	TEMP ELEMENT N/A	145C3224	PYCO 102-9039-11	CT-5	HARSH	C	24 HRS A

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*****
MARK NO      EQUIPMENT DESCRIPTION      MAKE/MANUFACTURER  ENV. ZONE  EQUALST  OP TIME  QRN1
              PANEL/RACK                PPD.NO          MODEL/CATALOG NO. SUBMRG    ENVTYP    OC        QRN2
              REMARKS                    INSTATUS        QRN3
*****
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E31 LEAK DETECTION SYSTEM

1E31WT/CN057A	TEMP ELEMENT		PYCO	CT-5		C	24 HRS
E31-N057A	N/A	145C3224	102-9039-11		HARSH		A
1E31WT/CN057B	TEMP ELEMENT		PYCO	CT-5		C	24 HRS
E31-N057B	N/A	145C3224	102-9039-11		HARSH		A

E33 MAIN STEAM ISOLATION VALVE SEALS

1E33FTN007	DIFF PRESS XMTR		RSMT	AB-114-6		C	30D
E33-N007	H22-P073	169C8392	1152DP4E22T0280PB		HARSH		A
1E33FTN027	DIFF PRESS XMTR		RSMT	AB-114-5		C	30D
E33-N027	H22-P074	169C8392	1152DP4E22T0280PB		HARSH		A
1E33PTN001	ABSOLUTE PRESS XMTR		RSMT	AB-114-6		C	30D
E33-N001	H22-P073	169C8969	1152AP6E22T0280PB		HARSH		A
1E33PTN002	ABSOLUTE PRESS XMTR		RSMT	CT-G		C	30D
E33-N002	H22-P015	169C8969	1152AP6E22T0280PB		HARSH		A
1E33PTN003	ABSOLUTE PRESS XMTR		RSMT	CT-G		C	30D
E33-N003	H22-P015	169C8969	1152AP6E22T0280PB		HARSH		A
1E33PTN004	ABSOLUTE PRESS XMTR		RSMT	AB-114-6		C	30D
E33-N004	H22-P073	169C8969	1152AP6E22T0280PB		HARSH		A
1E33PTN005	ABSOLUTE PRESS XMTR		RSMT	AB-114-6		C	30D
E33-N005	H22-P073	169C8969	1152AP6E22T0280PB		HARSH		A

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MARK NO	EQUIPMENT DESCRIPTION	MAKE/MANUFACTURER MODEL/CATALOG NO.	ENV. ZONE SUBMRG	ENV TYP	EQUALST INSTATUS	OP TIME OC	QRN1 QRN2 QRN3
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E33 MAIN STEAM ISOLATION VALVE SEALS

1E33*PTN021 E33-N021	ABSOLUTE PRESS XMTR H22-P074	RSMT 1152AP6E22T0280PB	AB-114-5	HARSH	C	30D A	
1E33*PTN022 E33-N022	ABSOLUTE PRESS XMTR H22-P025	RSMT 1152AP6E22T0280PB	CT-G	HARSH	C	30D A	
1E33*PTN023 E33-N023	ABSOLUTE PRESS XMTR H22-P025	RSMT 1152AP6E22T0280PB	CT-G	HARSH	C	30D A	
1E33*PTN024 E33-N024	ABSOLUTE PRESS XMTR H22-P074	RSMT 1152AP6E22T0280PB	AB-114-5	HARSH	C	30D A	
1E33*PTN025 E33-N025	ABSOLUTE PRESS XMTR H22-P074	RSMT 1152AP6E22T0280PB	AB-114-5	HARSH	C	30D A	
E51 REACTOR CORE ISOLATION COOLING SYSTEM E51-N051	DIFF PRESS XMTR H22-P017	RSMT 1152DP4E22T0280PB	AB-095-8	HARSH	C	12 HRS A	
1E51*FTN003 E51-N003	DIFF PRESS XMTR H22-P017	RSMT 1152DP5E22T0280PB RG1.97	AB-095-8	HARSH	C	12 HRS A	
1E51*HYVC002 E51-C002	RCIC TURBINE N/A	TERRY GS-2	AB-070-3	HARSH	B	12 HRS A	
1E51*LSN010 E51-N010	LEVEL SWITCH N/A	MAGNETROL	AB-070-3	HARSH	B	N/A C	
1E51*LSN037 E51-N037	LEVEL SWITCH N/A	MAGNETROL	AB-070-3	HARSH	B	N/A C	

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*****
MARK NO      EQUIPMENT DESCRIPTION      MAKE/MANUFACTURER      ENV. ZONE      EQUALST      OP TIME      QRN1
              PANEL/RACK                PPD.NO              MODEL/CATALOG NO.    SUBMRG      ENVTYP      INSTATUS      OC          QRN2
              REMARKS
*****
  
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ES1 REACTOR CORE ISOLATION COOLING SYSTEM

1ES1*LTN035A ES1-N035A	DIFF PRESS XMTR N/A	169C8392	RSMT 1152DP3E22T0280PB	PT-8	HARSH	C	12 HRS
1ES1*LTN035E ES1-N035E	DIFF PRESS XMTR N/A	169C8392	RSMT 1152DP3E22T0280PB	PT-8	HARSH	C	12 HRS
1ES1*LTN036A ES1-N036A	LEVEL XMTR N/A	184C4775	GLDI PD3218	CT-3	HARSH	B	12 HRS A
1ES1*LTN036E ES1-N036E	LEVEL XMTR N/A	184C4775	GLDI PD3218	CT-3	HARSH	B	12 HRS A
1ES1*PTN007 ES1-N007	GAUGE PRESS XMTR H22-P017	169C8394	RSMT 1152GP9E22T0280PB	AB-095-8	HARSH	C	N/A B
1ES1*PTN050 ES1-N050	GAUGE PRESS XMTR H22-P017	169C8394	RSMT 1152GP9E22T0280PB	AB-095-8	HARSH	C	12 HRS A
1ES1*PTN052 ES1-N052	GAUGE PRESS XMTR H22-P017	169C8394	RSMT 1152GP7E22T0280PB	AB-095-1	HARSH	C	12 HRS A
1ES1*PTN053 ES1-N053	GAUGE PRESS XMTR H22-P017	169C8394	RSMT 1152GP5E22T0280PB	AB-095-8	HARSH	C	12 HRS A
1ES1*PTN055A ES1-N055A	GAUGE PRESS XMTR H22-P017	169C8394	RSMT 1152GP6E2250280PB	AB-095-8	HARSH	C	12 HRS A
1ES1*PTN055B ES1-N055B	GAUGE PRESS XMTR H22-P021	169C8394	RSMT 1152GP6E22T0280PB	AB-095-7	HARSH	C	12 HRS A

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MARK NO	EQUIPMENT DESCRIPTION	MAKE/MANUFACTURER	ENV. ZONE	EQUALST	OP TIME	QRN1
	PANEL/RACK	MODEL/CATALOG NO.	SUBHRG	ENV TYP	OC	QRN2
	PPD.NO	REMARKS		INSTATUS		QRN3

E51 REACTOR CORE ISOLATION COOLING SYSTEM

1E51*PTN055E E51-N055E	GAUGE PRESS XMTR H22-P017	169C8394	RSMT 1152GP6E22T0280PB	AB-095-8 HARSH	C	12 HRS A
1E51*PTN055F E51-N055F	GAUGE PRESS XMTR H22-P021	169C8394	RSMT 1152GP6E22T0280PB	AB-095-7 HARSH	C	12 HRS A
1E51*PTN056A E51-N056A	GAUGE PRESS XMTR H22-P017	169C8394	RSMT 1152GP7E22T0280PB	AB-095-8 HARSH	C	12 HRS A
1E51*PTN056E E51-N056E	GAUGE PRESS XMTR H22-P017	169C8394	RSMT 1152GP7E22T0280PB	AB-095-8 HARSH	C	12 HRS A

H22 LOCAL PANELS AND RACKS

1H22*PNLP071 H22-P071	POSIT MULT CAB H22-P071	865E133	GENERAL ELECTRIC	VARIOUS HARSH	A	N/A B
1H22*PNLP072 H22-P072	POSIT MULT CAB H22-P072	865E133	GENERAL ELECTRIC	VARIOUS HARSH	A	N/A B
1B21*ZSF022A 1B21-F022A	MSIV LIMIT SWITCH N/A		NMCO EA-740, REV.K	DH-2 HARSH	B	100D A
1B21*ZSF022B 1B21-F022B	MSIV LIMIT SWITCH N/A		NMCO EA-740, REV.K	DH-2 HARSH	B	100D A
1B21*ZSF022C 1B21-F022C	MSIV LIMIT SWITCH N/A		NMCO EA-740, REV.K	DH-2 HARSH	B	100D A

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MARK NO      EQUIPMENT DESCRIPTION      MAKE/MANUFACTURER  ENV. ZONE  EQUALST  OP TIME  QRN1
              PANEL/RACK                MODEL/CATALOG NO. SUBMRG     ENVTP    OC       QRN2
              PPD.NO                    REMARKS      INSTATUS  QRN3
*****
```

1B2

*

1B21*ZSF022D	MSIV LIMIT SWITCH	NMCO	DW-2	B	100D	
1B21-F022D	N/A	EA-740, REV.K		HARSH	A	
1B21*ZSF026A	MSIV LIMIT SWITCH	NMCO	AB-114-2	B	100D	
1B21-F026A	N/A	EA-740, REV.K		HARSH	A	
1B21*ZSF026B	MSIV LIMIT SWITCH	NMCO	AB-114-2	B	100D	
1B21-F026B	N/A	EA-740, REV.K		HARSH	A	
1B21*ZSF026C	MSIV LIMIT SWITCH	NMCO	AB-114-2	B	100D	
1B21-F026C	N/A	EA-740, REV.K		HARSH	A	
1B21*ZSF026D	MSIV LIMIT SWITCH	NMCO	AB-114-2	B	100D	
1B21-F026D	N/A	EA-740, REV.K		HARSH	A	

ENCLOSURE 2

NSSS SEISMIC CATEGORY I EQUIPMENT MASTER LIST

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MASTER LIST OF SAFETY RELATED EQUIPMENTENGINEER: STONE & WEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

DOCKET NO. 50-458

EQUIP. ID	-----EQUIPMENT-----		---LOCATION---		---LOADS---		-QUAL METH-	-NAT FREQ-	----RRS REF
	DESCRIPTION MANUFACTURER	PPD NO.	BLDG	ELEV HTG	SEIS	HYDR			

SYSTEM B21 NUCLEAR BOILER SYSTEM

NSSS EQUIPMENT

B21-D002	CONDENSING CHAMBER GE	204B7269	RB	LH	Y	Y	S	N/A	N/A B
B21-D004A	CONDENSING CHAMBER GE	204B7269	RB	LH	Y	Y	S	N/A	N/A B
B21-D004B	CONDENSING CHAMBER GE	204B7269	RB	LH	Y	Y	S	N/A	N/A B
B21-D004C	CONDENSING CHAMBER GE	204B7269	RB	LH	Y	Y	S	N/A	N/A B
B21-D004D	CONDENSING CHAMBER GE	204B7269	RB	LH	Y	Y	S	N/A	N/A B
B21-D006A	CONDENSING CHAMBER GE	204B7269	RB	LH	Y	Y	S	N/A	N/A B
B21-D006B	CONDENSING CHAMBER GE	204B7269	RB	LH	Y	Y	S	N/A	N/A B
B21-D006C	CONDENSING CHAMBER GE	204B7269	RB	LH	Y	Y	S	N/A	N/A B
B21-D006D	CONDENSING CHAMBER GE	204B7269	RB	LH	Y	Y	S	N/A	N/A B
B21-D007A	CONDENSING CHAMBER GE	204B7269	RB	LH	Y	Y	S	N/A	N/A B
B21-D007B	CONDENSING CHAMBER GE	204B7269	RB	LH	Y	Y	S	N/A	N/A B
B21-D007C	CONDENSING CHAMBER GE	204B7269	RB	LH	Y	Y	S	N/A	N/A B

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NSSS SUPPLIER: GENERAL ELECTRIC

DOCKET NO. 50-458

EQUIP. ID	-----EQUIPMENT-----		---LOCATION---		---LOADS---		-QUAL METH-	-NAT FREQ-	--RRS REF
	DESCRIPTION MANUFACTURER	PPD NO.	BLDG	ELEV HTG	SEIS	HYDR			

SYSTEM B21 NUCLEAR BOILER SYSTEM

NSSS EQUIPMENT

B21-D007D	CONDENSING CHAMBER GE	204B7269	RB	LH	Y	Y	S	N/A	N/A B
B21-D008A	CONDENSING CHAMBER GE	204B7269	RB	LH	Y	Y	S	N/A	N/A B
B21-D008B	CONDENSING CHAMBER GE	204B7269	RB	LH	Y	Y	S	N/A	N/A B
B21-D008C	CONDENSING CHAMBER GE	204B7269	RB	LH	Y	Y	S	N/A	N/A B
B21-D008D	CONDENSING CHAMBER GE	204B7269	RB	LH	Y	Y	S	N/A	N/A B
B21-D009A	CONDENSING CHAMBER GE	204B7269	RB	LH	Y	Y	S	N/A	N/A B
B21-D009B	CONDENSING CHAMBER GE	204B7269	RB	LH	Y	Y	S	N/A	N/A B
B21-D009C	CONDENSING CHAMBER GE	204B7269	RB	LH	Y	Y	S	N/A	N/A B
B21-D009D	CONDENSING CHAMBER GE	204B7269	RB	LH	Y	Y	S	N/A	N/A B
B21-D020A	CONDENSING CHAMBER GE	204B7269	RB	LH	Y	Y	S	N/A	N/A B
B21-D020B	CONDENSING CHAMBER GE	204B7269	RB	LH	Y	Y	S	N/A	N/A B
B21-D020C	CONDENSING CHAMBER GE	204B7269	RB	LH	Y	Y	S	N/A	N/A B

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NSSS SUPPLIER: GENERAL ELECTRIC

DOCKET NO. 50-458

EQUIP. ID	-----EQUIPMENT-----		PPD NO.	---LOCATION---		---LOADS---		-QUAL METH-	-NAT FREQ-	----RRS REF
	DESCRIPTION MANUFACTURER			BLDG	ELEV HTG	SEIS	HYDR			

SYSTEM B21 NUCLEAR BOILER SYSTEM										
NSSS EQUIPMENT										
B21-D020D	CONDENSING CHAMBER GE	204B7269	RB	LH	Y	Y	S	N/A		N/A B
B21-F022A	MSIV-ISOLATION VALVE ATHOOD & MORRILL		DW	141 LH	Y	Y	N/A	MF		B
B21-F022B	MSIV-ISOLATION VALVE ATHOOD & MORRILL		DW	141 LH	Y	Y	N/A	MF		B
B21-F022C	MSIV-ISOLATION VALVE ATHOOD & MORRILL		DW	141 LH	Y	Y	N/A	MF		B
B21-F022D	MSIV-ISOLATION VALVE ATHOOD & MORRILL		DW	141 LH	Y	Y	N/A	MF		B
B21-F026A	MSIV-ISOLATION VALVE ATHOOD & MORRILL		AB	141 LH	Y	Y	N/A	MF		B
B21-F026B	MSIV-ISOLATION VALVE ATHOOD & MORRILL		AB	141 LH	Y	Y	N/A	MF		B
B21-F026C	MSIV-ISOLATION VALVE ATHOOD & MORRILL		AB	141 LH	Y	Y	N/A	MF		B
B21-F026D	MSIV-ISOLATION VALVE ATHOOD & MORRILL		AB	141 LH	Y	Y	N/A	MF		B
B21-F041A	SRV CROSBY		RB	LH	Y	Y	N/A	MF		B
B21-F041B	SRV CROSBY		RB	LH	Y	Y	N/A	MF		B
B21-F041C	SRV CROSBY		RB	LH	Y	Y	N/A	MF		B

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NSSS SUPPLIER: GENERAL ELECTRIC

DOCKET NO. 50-458

EQUIP. ID	DESCRIPTION MANUFACTURER	-----EQUIPMENT-----		PPD NO.		---LOCATION---		---LOADS---		-QUAL METH- ANLYS TEST	-NAT FREQ- LOWEST	----RRS REF ---STATUS--- QUAL INST
						BLDG	ELEV	HTG	SEIS	HYDR		

SYSTEM B21 NUCLEAR BOILER SYSTEM												
NSSS EQUIPMENT												
B21-F041D	SRV CROSBY					RB		LH	Y	Y	N/A	HF B
B21-F041F	SRV CROSBY					RB		LH	Y	Y	N/A	HF B
B21-F041G	SRV CROSBY					RB		LH	Y	Y	N/A	HF B
B21-F041L	SRV CROSBY					RB		LH	Y	Y	N/A	HF B
B21-F047A	SRV CROSBY					RB		LH	Y	Y	N/A	HF B
B21-F047B	SRV CROSBY					RB		LH	Y	Y	N/A	HF B
B21-F047C	SRV CROSBY					RB		LH	Y	Y	N/A	HF B
B21-F047D	SRV CROSBY					RB		LH	Y	Y	N/A	HF B
B21-F047F	SRV CROSBY					RB		LH	Y	Y	N/A	HF B
B21-F051B	SRV CROSBY					RB		LH	Y	Y	N/A	HF B
B21-F051C	SRV CROSBY					RB		LH	Y	Y	N/A	HF B
B21-F051D	SRV CROSBY					RB		LH	Y	Y	N/A	HF B

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NSSS SUPPLIER: GENERAL ELECTRIC

DOCKET NO. 50-458

EQUIP. ID	DESCRIPTION MANUFACTURER	PPD NO.	---LOCATION---		---LOADS---		-QUAL METH-	-NAT FREQ-	---RRS REF
			BLDG	ELEV MTG	SEIS	HYDR			

SYSTEM B21 NUCLEAR BOILER SYSTEM									
NSSS EQUIPMENT									
B21-F051G	SRV CROSBY		RB	LH	Y	Y	N/A	HF	B
B21-N005	FLOW ELEMENT COMPONENTS GE	283X555	DN	129 LH	Y	Y	S/D	N/A	N/A
B21-N040	TEMPERATURE ELEMENT ROSEMOUNT	159C4520	AB	95	Y	N/A	S	N/A	2 B
B21-N059	TEMPERATURE ELEMENT CALOY/PYCO	159C4313	AB	111 LH	Y	N/A			N/A B
B21-N061	TEMPERATURE ELEMENT CALOY/PYCO	159C4313	RB	LH	Y	Y			N/A B
B21-N075A	TRANSMITTER, ABS PRESSURE ROSEMOUNT	169C8969	TB	95	Y	N/A	N/A	HF	22 B
B21-N075B	TRANSMITTER, ABS PRESSURE ROSEMOUNT	169C8969	TB	95	Y	N/A	N/A	HF	22 B
B21-N075C	TRANSMITTER, ABS PRESSURE ROSEMOUNT	169C8969	TB	95	Y	N/A	N/A	HF	22 B
B21-N075D	TRANSMITTER, ABS PRESSURE ROSEMOUNT	169C8969	TB	95	Y	N/A	N/A	HF	22 B
B21-N076B	TRANSMITTER, GAGE PRESS ROSEMOUNT	169C8969	TB	95	Y	N/A	N/A	HF	22 B
B21-N076C	TRANSMITTER, GAGE PRESS ROSEMOUNT	169C8969	TB	95	Y	N/A	N/A	HF	22 B
B21-N076D	TRANSMITTER, GAGE PRESS ROSEMOUNT	169C8969	TB	95	Y	N/A	N/A	HF	22 B

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NSSS SUPPLIER: GENERAL ELECTRIC

DOCKET NO. 50-458

EQUIP. ID	DESCRIPTION MANUFACTURER	EQUIPMENT	PPQ NO.	LOCATION	BLDG	ELEV	HTG	SEIS	HYDR	ANLYS	TEST	QUAL METH	NAT FREQ	---RPS REF	---STATUS---	QUAL INST
SYSTEM B33 REACTOR RECIRC VALVE FLOW CONTROL																
NSSS EQUIPMENT																
B33-C001A	PUMP & MOTOR BINGHAM		762E637	DM	86	LH	Y	Y	Y	S/D	N/A			N/A B		
B33-C001B	PUMP & MOTOR BINGHAM		762E637	DM	86	LH	Y	Y	Y	S/D	N/A			N/A B		
B33-D001A	SAMPLE PROBE PULLMAN		1667284	RB		LH	Y	Y	Y	S	N/A			N/A B	Y	
B33-F023A	GATE VALVE-MOTOR OPERATED ANCHOR DARLING		922D142	DM	86	LH	Y	Y	Y	S/D	N/A			N/A B	Y	
B33-F023B	GATE VALVE-MOTOR OPERATED ANCHOR DARLING		922D142	DM	86	LH	Y	Y	Y	S/D	N/A			N/A B	Y	
B33-F040A	FLOW CONTROL VALVE HAMMILL DANL		768E574	DM	86	LH	Y	Y	Y	S/D	N/A			N/A B	Y	
B33-F040B	FLOW CONTROL VALVE HAMMILL DANL		768E574	DM	86	LH	Y	Y	Y	S/D	N/A			N/A B	Y	
B33-F047	GATE VALVE-MOTOR OPERATED ANCHOR DARLING		922D192	DM	86	LH	Y	Y	Y	S/D	N/A			N/A B	Y	
B33-H021	TEMPERATURE ELEMENT PYCO		159C4313	DM	87	LH	Y	Y	Y	N/A	HF			N/A B	Y	

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MASTER LIST OF SAFETY RELATED EQUIPMENTENGINEER: STONE & WEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

DOCKET NO. 58-458

EQUIP. ID	DESCRIPTION MANUFACTURER	EQUIPMENT		LOCATION		LOADS		QUAL METH		NAT FREQ		STATUS	
		FFO NO.	BLOG	ELEV	HTG	SEIS	HYDR	ANLYS	TEST	LOWEST	----	-----	-----

SYSTEM C11 CONTROL ROD DRIVE HYDRAULIC CONTROL SYSTEM													
NSSS EQUIPMENT													
C11-0001	HYDRAULIC CONTROL UNIT GE	7676800	CT	114	CF	Y	Y	N/A	MF	46,113,146 B	Y	SEE 301 B	
C11-0009	SOL VALVES FOR INSTR AIR VALCOR		CT	116	RH	Y	Y	N/A	MF				
C11-0010	VALVE, GLOBE, AIR OPERATED FISHER		CT	142	LH	Y	Y	N/A	MF	N/A B			
C11-0011	VALVE, GLOBE, AIR OPERATED FISHER		CT	115	LH	Y	Y	N/A	MF	N/A B			
C11-0160	VALVE, GLOBE, AIR OPERATED HANNEL DAHL		CT	142	LH	Y	Y	N/A	MF	N/A B			
C11-0161	VALVE, GLOBE, AIR OPERATED HANNEL DAHL		CT	115	LH	Y	Y	N/A	MF	N/A B			
C11-0162	SOL V FOR INSTR AIR VALCOR		CT	116	RH	Y	Y	N/A	MF	SEE 301 B			
C11-0012A	TRANSMITTER GOLD	184C4775	CT	122	RH	Y	Y	N/A	MF	SEE 301 B			
C11-0012B	TRANSMITTER GOLD	184C4775	CT	122	RH	Y	Y	N/A	MF	SEE 301 B			
C11-0012C	TRANSMITTER GOLD	184C4775	CT	114	RH	Y	Y	N/A	MF	46,113,146 B			
C11-0012D	TRANSMITTER GOLD	184C4775	CT	114	RH	Y	Y	N/A	MF	46,113,146 B			
C11-0013A	LEVEL SWITCH MAGNETROL	184C4776	CT	114	RH	Y	Y	N/A	MF	46,113,146 B			

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MASTER LIST OF SAFETY RELATED EQUIPMENTENGINEER: STONE & WEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

DOCKET NO. 50-458

EQUIP. ID	DESCRIPTION MANUFACTURER	PPD NO.	---LOCATION---		---LOADS---		-QUAL METH-	-NAT FREQ-	----RRS REF
			BLDG	ELEV HTG	SEIS	HYDR			
									QUAL INST

SYSTEM C11 CONTROL ROD DRIVE HYDRAULIC CONTROL SYSTEM

NSSS EQUIPMENT

C11-N013B	LEVEL SWITCH MAGNETROL	184C4776	CT	114	RH	Y	Y	N/A	MF	46,113,146 B
C11-N013C	LEVEL SWITCH MAGNETROL	184C4776	CT	117	RH	Y	Y	N/A	MF	SEE 301 B
C11-N013D	LEVEL SWITCH MAGNETROL	184C4776	CT	117	RH	Y	Y	N/A	MF	SEE 301 B
C11-N017A	TRANSMITTER, LEVEL GOULD	184C4776	CT	118	RH	Y	Y	N/A	MF	B
C11-N017B	TRANSMITTER, LEVEL GOULD	184C4775	CT	114	RH	Y	Y	N/A	MF	B
C11-N054A	TRANSMITTER, GAGE PRESS ROSEMOUNT	169C8394	TB	95	RH	Y	N/A	N/A	MF	22 B
C11-N054B	TRANSMITTER, GAGE PRESS ROSEMOUNT	169C8394	TB	95	RH	Y	N/A	N/A	MF	22 B
C11-N054C	TRANSMITTER, GAGE PRESS ROSEMOUNT	169C8394	TB	95	RH	Y	N/A	N/A	MF	22 B
C11-N054D	TRANSMITTER, GAGE PRESS ROSEMOUNT	169C8394	TB	95	RH	Y	N/A	N/A	MF	22 B

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MASTER LIST OF SAFETY RELATED EQUIPMENTENGINEER: STONE & WEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

DOCKET NO. 50-458

EQUIP. ID	DESCRIPTION MANUFACTURER	PPD NO.	---LOCATION---		---LOADS---		-QUAL METH-	-NAT FREQ-	---RRS REF	---STATUS---
			BLDG	ELEV	MTG	SEIS				

SYSTEM C41 STANDBY LIQUID CONTROL SYSTEM

NSSS EQUIPMENT

C41-A001	STORAGE TANK RICHLAND ENG		CT	141	CF	Y	Y	S	N/A	SEE 302 B Y
C41-C001A	PHP & MOTOR STBY LIQ CONT UNION		CT	141	CF	Y	Y	N/A	MF	SEE 302 B Y
C41-C001B	PHP & MOTOR STBY LIQ CONT UNION		CT	141	CF	Y	Y	N/A	MF	SEE 302 B Y
C41-F004A	STDBY LIQ CONT VALVE CONAX		RB		LH	Y	Y			N/A B
C41-F004B	STDBY LIQ CONT VALVE CONAX		RB		LH	Y	Y			N/A B
C41-N003	TEMPERATURE SWITCH		CT	145		Y	Y	S	N/A	SEE 302
C41-N004	TRANSMITTER, GAGE PRESS ROSEMOUNT	159C0394	CT	145	RH	Y	Y	N/A	MF	SEE 302 B
C41-R003	INDICATOR, PRESSURE ROBERTSHAW	163C1184	CT	145	Y	Y	Y	N/A	MF	SEE 302 B

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MASTER LIST OF SAFETY RELATED EQUIPMENTENGINEER: STONE & WEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

DOCKET NO. 50-458

EQUIP. ID	-----EQUIPMENT-----		---LOCATION---		---LOADS---		-QUAL METH-	-NAT FREQ-	----RRS REF
	DESCRIPTION MANUFACTURER	PPD NO.	BLDG	ELEV HTG	SEIS	HYDR			

SYSTEM C51 NEUTRON MONITORING SYSTEM

NSSS EQUIPMENT

C51-N002A	DETECTOR GE	112C3144	DW	87	HM	Y	Y		57,124,157
C51-N002B	DETECTOR		DW	87	HM	Y	Y		57,124,157
C51-N002C	DETECTOR		DW	87	HM	Y	Y		57,124,157
C51-N002D	DETECTOR		DW	87	HM	Y	Y		57,124,157
C51-N002E	DETECTOR		DW	87	HM	Y	Y		57,124,157
C51-N002F	DETECTOR		DW	87	HM	Y	Y		57,124,157
C51-N002G	DETECTOR		DW	87	HM	Y	Y		57,124,157
C51-N002H	DETECTOR		DW	87	HM	Y	Y		57,124,157

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SEISMIC AND DYNAMIC QUALIFICATION SUMMARY AND STATUS REPORT
MASTER LIST OF SAFETY RELATED EQUIPMENT

ENGINEER: STONE & WEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

DOCKET NO. 50-458

EQUIP. ID	DESCRIPTION MANUFACTURER	PPD NO.	BLDG	ELEV	MTG	SEIS	HYDR	ANLYS	TEST	LOWEST	RRS REF	STATUS
											QUAL	INST

SYSTEM C61 REMOTE SHUTDOWN SYSTEM

NSSS EQUIPMENT

C61-P001	ASSY REMOTE SHUTDOWN VB GE		CB	98	CF	Y	N/A	N/A	MF		7 B	Y
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MASTER LIST OF SAFETY RELATED EQUIPMENTENGINEER: STONE & WEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

DOCKET NO. 50-458

EQUIP. ID	DESCRIPTION MANUFACTURER	PPD NO.	---LOCATION---		---LOADS---		-QUAL METH- ANLYS TEST	-NAT FREQ- LOWEST	---RRS REF	
			BLDG	ELEV MTG	SEIS	HYDR			---STATUS---	QUAL INST

SYSTEM C71 REACTOR PROTECTION SYSTEM										
NSSS EQUIPMENT										
C71-N005A	SWITCH, PRESSURE BARKSDALE	1B4C4770	TB	95	Y	N/A			22 B	Y
C71-N005B	SWITCH, PRESSURE BARKSDALE	1B4C4770	TB	95	Y	N/A			22 B	Y
C71-N005C	SWITCH, PRESSURE BARKSDALE	1B4C4770	TB	95	Y	N/A			22 B	Y
C71-N005D	SWITCH, PRESSURE BARKSDALE	1B4C4770	TB	95	Y	N/A			22 B	Y
C71-N006A	LIMIT SWITCH NAMCO	163C1303	TB	95	Y	N/A	N/A	SF	22 B	
C71-N006B	LIMIT SWITCH NAMCO	163C1303	TB	95	Y	N/A	N/A	SF	22 B	
C71-N006C	LIMIT SWITCH NAMCO	163C1303	TB	95	Y	N/A	N/A	SF	22 B	
C71-N006D	LIMIT SWITCH NAMCO	163C1303	TB	95	Y	N/A	N/A	SF	22 B	
C71-N006E	LIMIT SWITCH NAMCO	163C1303	TB	95	Y	N/A	N/A	SF	22 B	
C71-N006F	LIMIT SWITCH NAMCO	163C1303	TB	95	Y	N/A	N/A	SF	22 B	
C71-N006G	LIMIT SWITCH NAMCO	163C1303	TB	95	Y	N/A	N/A	SF	22 B	
C71-N006H	LIMIT SWITCH NAMCO	163C1303	TB	95	Y	N/A	N/A	SF	22 B	

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MASTER LIST OF SAFETY RELATED EQUIPMENT

ENGINEER: STONE & WEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

DOCKET NO. 50-458

EQUIP. ID	-----EQUIPMENT----- DESCRIPTION MANUFACTURER	PPD NO.	---LOCATION---	---LOADS---	-QUAL METH-	-NAT FREQ-	-----RRS REF
			BLDG ELEV MTG	SEIS HYDR	ANLYS TEST	LOWEST	---STATUS--- QUAL INST

SYSTEM C71 REACTOR PROTECTION SYSTEM

NSSS EQUIPMENT

C71-N052A	TRANSMITTER, GAGE PRESS ROSEMOUNT	169C0394	TB	95	Y	N/A N/A	MF	22 B	Y
C71-N052B	TRANSMITTER, GAGE PRESS ROSEMOUNT	169C0394	TB	95	Y	N/A N/A	MF	22 B	Y

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MASTER LIST OF SAFETY RELATED EQUIPMENTENGINEER: STONE & WEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

DOCKET NO. 50-458

EQUIP. ID	-----EQUIPMENT-----		---LOCATION---		---LOADS---		-QUAL METH-	-NAT FREQ-	----RRS REF	
	DESCRIPTION MANUFACTURER	PPD NO.	BLDG	ELEV MTG	SEIS	HYDR			ANLYS	TEST

SYSTEM D17 PROCESS RADIATION MONITORING SYSTEM

NSSS EQUIPMENT

D17-N003A	DETECTOR, INSULATED GE	237X731	AB	114	Y	N/A	N/A	SF		3 B
D17-N003B	DETECTOR, INSULATED GE	237X731	AB	114	Y	N/A	N/A	SF		3 B
D17-N003C	DETECTOR, INSULATED GE	237X731	AB	114	Y	N/A	N/A	SF		3 B
D17-N003D	DETECTOR, INSULATED GE	237X731	AB	114	Y	N/A	N/A	SF		3 B

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 MASTER LIST OF SAFETY RELATED EQUIPMENT

 ENGINEER: STONE & WEBSTER
 NSSS SUPPLIER: GENERAL ELECTRIC

DOCKET NO. 50-458

EQUIP. ID	DESCRIPTION MANUFACTURER	EQUIPMENT		LOCATION		LOADS		QUAL METH		NAT FREQ		RRS REF	
		PPD NO.	BLOC	ELEV	HTG	SEIS	HYDR	ANLYS	TEST	LOWEST	STATUS	QUAL	INST

SYSTEM E12 RESIDUAL HEAT REMOVAL													
NSSS EQUIPMENT													
E12-B001A	HEAT EXCHANGER EPCO		AB	100	CF	Y		N/A	N/A		2,3 B	Y	
E12-B001B	HEAT EXCHANGER EPCO		AB	100	CF	Y		N/A	N/A		2,3 B	Y	
E12-B001C	HEAT EXCHANGER EPCO		AB	100	CF	Y		N/A	N/A		2,3 B	Y	
E12-B001D	HEAT EXCHANGER EPCO		AB	100	CF	Y		N/A	N/A		2,3 B	Y	
E12-C002A	RHR, PUMP & MOTOR BRYON & JACKSON		AB	70	CF	Y		N/A	S/D	N/A	1 B	Y	
E12-C002B	RHR, PUMP & MOTOR BRYON & JACKSON		AB	70	CF	Y		N/A	S/D	N/A	1 B	Y	
E12-C002C	RHR, PUMP & MOTOR BRYON & JACKSON		AB	70	CF	Y		N/A	S/D	N/A	1 B	Y	
E12-N001A	CONDUCTIVITY CELL BALSBAUGH	163C1544	AB	70		Y					1 B		
E12-N001B	CONDUCTIVITY CELL BALSBAUGH	163C1544	AB	70		Y					1 B		
E12-N002A	TEMPERATURE ELEMENT CALOY/PYCO	159C4313	AB	95	LH	Y					N/A E		
E12-N002B	TEMPERATURE ELEMENT CALOY/PYCO	159C4313	AB	95	LH	Y					N/A B		
E12-N003A	TEMPERATURE ELEMENT CALOY/PYCO	159C4313	AB	70	LH	Y					N/A B		

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MASTER LIST OF SAFETY RELATED EQUIPMENTENGINEER: STONE & WEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

DOCKET NO. 50-458

EQUIP. ID	DESCRIPTION MANUFACTURER	PPD NO.	---LOCATION---		---LOADS---		-QUAL METH- ANLVS TEST	-NAT FREQ- LOWEST	---RRS REF	
			BLDG	ELEV	MTG	SEIS			HYDR	STATUS---

SYSTEM E12 RESIDUAL HEAT REMOVAL										
NSSS EQUIPMENT										
E12-N003B	TEMPERATURE ELEMENT CALOY/PYCO	159C4313	AB	70	LH	Y				N/A B
E12-N004A	TEMPERATURE ELEMENT CALOY/PYCO	159C4313	AB	95	LH	Y				N/A B
E12-N004B	TEMPERATURE ELEMENT CALOY/PYCO	159C4313	AB	95	LH	Y				N/A B
E12-N005A	TEMPERATURE ELEMENT CALOY/PYCO	159C4313	AB	70	LH	Y				N/A B
E12-N005B	TEMPERATURE ELEMENT CALOY/PYCO	159C4313	AB	70	LH	Y				N/A B
E12-N008A	LEVEL XMTR BARTON	145C3156	AB	95		Y	N/A			2 B Y
E12-N008B	LEVEL XMTR BARTON	145C3156	AB	95		Y	N/A			2 B Y
E12-N012	FLOW ORIFICE ASSY, ECCS VICKERY SIMS		AB	100	LH	Y	N/A S	N/A		N/A B Y
E12-N013	TRANSMITTER, DIFF PRESS ROSEMOUNT	169C6392	AB	95	Y	N/A	N/A MF			2 B
E12-N014A	FLOW ORIFICE ASSY, ECCS VICKERY SIMS		AB	100	LH	Y	N/A S	N/A		N/A B Y
E12-N014B	FLOW ORIFICE ASSY, ECCS VICKERY SIMS		AB	100	LH	Y	N/A S	N/A		N/A B Y
E12-N014C	FLOW ORIFICE ASSY, ECCS VICKERY SIMS		AB	100	LH	Y	N/A S	N/A		N/A B Y

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NSSS SUPPLIER: GENERAL ELECTRIC

DOCKET NO. 50-458

EQUIP. ID	-----EQUIPMENT----- DESCRIPTION MANUFACTURER	PPD NO.	---LOCATION---	---LOADS---	-QUAL METH-	-NAT FREQ-	----RRS REF
			BLOG ELEV MTG	SEIS HYDR	ANLYS TEST	LODEST	---STATUS--- QUAL INST

SYSTEM E12 RESIDUAL HEAT REMOVAL

NSSS EQUIPHEN:

E12-N024	TEMPERATURE ELEMENT CALOY/PYCO	159C4313	AB	70	LM	Y	N/A B
E12-N025	CONDUCTIVITY CELL BALSBAUGH	163C1544	AB	70		Y	1 B
E12-N027A	TEMPERATURE ELEMENT CALOY/PYCO	159C4313	AB	70	LM	Y	N/A B
E12-N027B	TEMPERATURE ELEMENT CALOY/PYCO	159C4313	AB	70	LM	Y	N/A B
E12-N057	TRANSMITTER, GAGE PRESS ROSEMOUNT	169C8394	AB	100	RM	Y	N/A MF 22,23 B

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ENGINEER: STONE & WEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

DOCKET NO. 50-458

EQUIP. ID	DESCRIPTION MANUFACTURER	PPD NO.	BLDG	ELEV	MTG	SEIS	HYDR	ANLYS	TEST	LOWEST	STATUS	QUAL INST

SYSTEM E21 CORE SPRAY - LOW PRESSURE

NSSS EQUIPMENT

E21-C001	PUMP & MOTOR, LPCS BYRON & JACKSON	AB	70	CF	Y	N/A	S/D	N/A	1 B	Y
E21-N002	FLOW ORIFICE ASSY, LPCS	ORB		LH	Y	N/A	S	N/A	N/A B	

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NSSS SUPPLIER: GENERAL ELECTRIC

DOCKET NO. 50-458

EQUIP. ID	DESCRIPTION MANUFACTURER	PPD NO.	---LOCATION---		---LOADS---		-QUAL METH-	-NAT FREQ-	---RRS REF	
			BLDG	ELEV MTG	SEIS	HYDR			ANLYS	TEST

SYSTEM E22 CORE SPRAY - HIGH PRESSURE										
NSSS EQUIPMENT										
E22-C001	HPCS PUMP & MOTOR BYRON & JACKSON		AB	70	CF	Y	N/A	S/D	N/A	1 B Y
E22-F001	VALVE, MOTOR OPERATED ANCHOR DARLING		AB	70	LM	Y	N/A	N/A	HF	N/A B Y
E22-F004	VALVE, MOTOR OPERATED ANCHOR DARLING		AB	114	LM	Y	N/A	N/A	HF	N/A B Y
E22-F010	VALVE, MOTOR OPERATED ANCHOR DARLING		AB	70	LM	Y	N/A	N/A	HF	N/A B Y
E22-F011	VALVE, MOTOR OPERATED ANCHOR DARLING		AB	70	LM	Y	N/A	N/A	HF	N/A B Y
E22-F012	VALVE, MOTOR OPERATED ANCHOR DARLING		AB	70	LM	Y	N/A	N/A	HF	N/A B Y
E22-F015	VALVE, MOTOR OPERATED ANCHOR DARLING		AB	70	LM	Y	N/A	N/A	HF	N/A B Y
E22-F023	VALVE, MOTOR OPERATED ANCHOR DARLING		AB	70	LM	Y	N/A	N/A	HF	N/A B Y
E22-N007	FLOW ORIFICE ASSY, HPCS VICKERY SIMS		AB	100	LM	Y	N/A			N/A B Y
E22-N054C	TRANSMITTER, DIFF PRESS ROSEMOUNT	169C6392	PT	70	DW	Y		N/A	HF	25 B
E22-N054G	TRANSMITTER, DIFF PRESS ROSEMOUNT	169C6392	PT	70	DW	Y		N/A	HF	25 B
E22-N055C	TRANSMITTER, LEVEL ROSEMOUNT-GOULD	163C1973	CT	123	DW	Y	Y	N/A	HF	SEE 301 B

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NSSS SUPPLIER: GENERAL ELECTRIC

DOCKET NO. 50-458

EQUIP. ID	DESCRIPTION MANUFACTURER	PPD NO.	---LOCATION---		---LOADS---		-QUAL METH-	-NAT FREQ-	---RRS REF	
			BLDG	ELEV HTG	SEIS	HYDR				ANLYS
									QUAL INST	

SYSTEM E22 CORE SPRAY - HIGH PRESSURE										
NSSS EQUIPMENT										
E22-N055G	TRANSMITTER, LEVEL ROSEMOUNT-GOULD	163C1973	CT	123	DW	Y	Y	N/A	HF	SEE 301 B
E22-R003	INDICATOR, PRESSURE ROBERTSHAW	163C1184	DG	103		Y	N/A	N/A	HF	12,13 B
E22-S001	HPCS DIESEL & GENERATOR STEWART & STEVENSON		DG	98	CF	Y	N/A	S/D	HF	12 B Y
E22-S002	HPCS MOT CONT CTR PONELL/GE		CB	116	CF	Y	N/A	N/A	HF	8 B
E22-S003	ELEC TRANSFORMER, HPCS ELNA		CB	116	CF	Y	N/A	N/A	HF	8 B
E22-S004	SHGR, ELEC METAL ENCL GE		CB	116	CF	Y	N/A	N/A	HF	8 B

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NSSS SUPPLIER: GENERAL ELECTRIC

DOCKET NO. 50-458

EQUIP. ID	DESCRIPTION MANUFACTURER	PPD NO.	BLDG	ELEV	MTG	SEIS	HYDR	ANLYS	TEST	LOWEST	---STATUS---	QUAL	INST

SYSTEM E31 LEAK DETECTION SYSTEM													
NSSS EQUIPMENT													
E31-N001A	TEMPERATURE ELEMENT PYCO	145C3224	AB	70		Y	N/A	N/A	MF		1	B	
E31-N001B	TEMPERATURE ELEMENT PYCO	145C3224	AB	70		Y	N/A	N/A	MF		1	B	
E31-N002A	TEMPERATURE ELEMENT PYCO	145C3224	AB	70		Y	N/A	N/A	MF		1	B	
E31-N002B	TEMPERATURE ELEMENT PYCO	145C3224	AB	70		Y	N/A	N/A	MF		1	B	
E31-N003A	TEMPERATURE ELEMENT PYCO	145C3224	AB	70		Y	N/A	N/A	MF		1	B	
E31-N003B	TEMPERATURE ELEMENT PYCO	145C3224	AB	70		Y	N/A	N/A	MF		1	B	
E31-N004A	TEMPERATURE ELEMENT PYCO	145C3224	AB	70		Y	N/A	N/A	MF		1	B	
E31-N004B	TEMPERATURE ELEMENT PYCO	145C3224	AB	70		Y	N/A	N/A	MF		1	B	
E31-N005A	TEMPERATURE ELEMENT PYCO	145C3224	AB	70		Y	N/A	N/A	MF		1	B	
E31-N005B	TEMPERATURE ELEMENT PYCO	145C3224	AB	70		Y	N/A	N/A	MF		1	B	
E31-N006A	TEMPERATURE ELEMENT PYCO	145C3224	AB	70		Y	N/A	N/A	MF		1	B	
E31-N006B	TEMPERATURE ELEMENT PYCO	145C3224	AB	70		Y	N/A	N/A	MF		1	B	

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NSSS SUPPLIER: GENERAL ELECTRIC

DOCKET NO. 50-458

EQUIP. ID	-----EQUIPMENT-----		---LOCATION---		---LOADS---		-QUAL METH-		-NAT FREQ-	----RRS REF
	DESCRIPTION MANUFACTURER	PPD NO.	BLDG	ELEV MTG	SEIS	HYDR	ANLYS	TEST	LOWEST	---STATUS--- QUAL. INST

SYSTEM E31 LEAK DETECTION SYSTEM

NSSS EQUIPMENT

E31-N015A	TEMPERATURE ELEMENT PYCO	145C3224	DW	133	DW	Y	N/A	N/A	MF	59,126,159 B
E31-N015B	TEMPERATURE ELEMENT PYCO	145C3224	DW	133	DW	Y	N/A	N/A	MF	59,126,159 B
E31-N015C	TEMPERATURE ELEMENT PYCO	145C3224	DW	133	DW	Y	N/A	N/A	MF	59,126,159 B
E31-N015D	TEMPERATURE ELEMENT PYCO	145C3224	DW	133	DW	Y	N/A	N/A	MF	59,126,159 B
E31-N017A	TEMPERATURE ELEMENT PYCO	145C3224	DW	100	DW	Y	N/A	N/A	MF	SEE 305 B
E31-N017B	TEMPERATURE ELEMENT PYCO	145C3224	DW	152	DW	Y	N/A	N/A	MF	SEE 306 B
E31-N017C	TEMPERATURE ELEMENT PYCO	145C3224	DW	125	DW	Y	N/A	N/A	MF	SEE 307 B
E31-N017D	TEMPERATURE ELEMENT PYCO	145C3224	DW	144	DW	Y	Y	N/A	MF	60,127,160 B
E31-N018A	TEMPERATURE ELEMENT PYCO	145C3224	AB	70		Y		N/A	MF	1 B
E31-N018B	TEMPERATURE ELEMENT PYCO	145C3224	AB	70		Y		N/A	MF	1 B
E31-N027A	TEMPERATURE ELEMENT	146C3224	AB	70		Y		N/A	MF	1 B
E31-N027B	TEMPERATURE ELEMENT	145C3224	AB	70		Y		N/A	MF	1 B

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MASTER LIST OF SAFETY RELATED EQUIPMENTENGINEER: STONE & WEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

DOCKET NO. 50-450

EQUIP. ID	DESCRIPTION	MANUFACTURER	PPD NO.	BLDG	ELEV	HTG	SEIS	HYDR	ANLYS	TEST	LOC	TH- NAT	FREQ- LOWEST	RRS REF	STATUS	QUAL	INST
-----------	-------------	--------------	---------	------	------	-----	------	------	-------	------	-----	------------	-----------------	---------	--------	------	------

SYSTEM E31 LEAK DETECTION SYSTEM

NSSS EQUIPMENT

E31-N028A	TEMPERATURE ELEMENT		145C3224	AB	70		Y		N/A	MF				I B			
E31-N028B	TEMPERATURE ELEMENT		145C3224	AB	70		Y		N/A	MF				I B			
E31-N029A	TEMPERATURE ELEMENT		145C3224	CT	130	LH	Y	Y	N/A	MF				N/A B			
E31-N029B	TEMPERATURE ELEMENT		145C3224	CT	130	LH	Y	Y	N/A	MF				N/A B			
E31-N029C	TEMPERATURE ELEMENT		145C3224	CT	130	LH	Y	Y	N/A	MF				N/A B			
E31-N029D	TEMPERATURE ELEMENT		145C3224	CT	130	LH	Y	Y	N/A	MF				N/A B			
E31-N030A	TEMPERATURE ELEMENT		145C3224	CT	130	LH	Y	Y	N/A	MF				N/A B			
E31-N030B	TEMPERATURE ELEMENT		145C3224	CT	130	LH	Y	Y	N/A	MF				N/A B			
E31-N030C	TEMPERATURE ELEMENT		145C3224	CT	130	LH	Y	Y	N/A	MF				N/A B			
E31-N030D	TEMPERATURE ELEMENT		145C3224	CT	130	LH	Y	Y	N/A	MF				N/A B			
E31-N031A	TEMPERATURE ELEMENT		145C3224	AB	114	LH	Y	Y	N/A	MF				N/A B			
E31-N031B	TEMPERATURE ELEMENT		145C3224	AB	114	LH	Y	Y	N/A	MF				N/A B			

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MASTER LIST OF SAFETY RELATED EQUIPMENTENGINEER: STONE & WEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

DOCKET NO. 50-458

EQUIP. ID	-----EQUIPMENT-----		---LOCATION---		---LOADS---		-QUAL METH-		-NAT FREQ-		----RRS REF	
	DESCRIPTION MANUFACTURER	PPD NO.	BLDG	ELEV MTG	SEIS	HYDR	ANLYS	TEST	LOWEST	---	STATUS---	QUAL INST

SYSTEM E31 LEAK DETECTION SYSTEM

NSSS EQUIPMENT

E31-N031D	TEMPERATURE ELEMENT	145C3224	AB	114	LH	Y		N/A	MF			N/A B
E31-N034A	TEMPERATURE ELEMENT	145C3224	CT	166	DM	Y	Y	N/A	MF			SEE 303 B
E31-N034B	TEMPERATURE ELEMENT	145C3224	CT	166	DM	Y	Y	N/A	MF			SEE 303 B
E31-N035A	TEMPERATURE ELEMENT	145C3224	CT	164	LH	Y	Y	N/A	MF			N/A B
E31-N035B	TEMPERATURE ELEMENT	145C3224	CT	164	LH	Y	Y	N/A	MF			N/A B
E31-N036A	TEMPERATURE ELEMENT	145C3224	CT	154	DM	Y	Y	N/A	MF			SEE 302 B
E31-N036B	TEMPERATURE ELEMENT	145C3224	CT	154	DM	Y	Y	N/A	MF			SEE 302 B
E31-N037A	TEMPERATURE ELEMENT	145C3224	AB	95		Y		N/A	MF			2 B
E31-N037B	TEMPERATURE ELEMENT	145C3224	AB	95		Y		N/A	MF			2 B
E31-N038A	TEMPERATURE ELEMENT	145C3224	AB	95		Y		N/A	MF			2 B
E31-N038B	TEMPERATURE ELEMENT	145C3224	AB	95		Y		N/A	MF			2 B
E31-N039A	TEMPERATURE ELEMENT PYCO	145C3224	AB	95		Y	N/A	N/A	MF			2 B

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MASTER LIST OF SAFETY RELATED EQUIPMENTENGINEER: STONE & WEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

DOCKET NO. 50-458

EQUIP. ID	-----EQUIPMENT-----		---LOCATION---		---LOADS---		-QUAL METH-	-NAT FREQ-	---RRS REF
	DESCRIPTION MANUFACTURER	PPD NO.	BLDG	ELEV MTG	SEIS	HYDR			

SYSTEM E31 LEAK DETECTION SYSTEM									
NSSS EQUIPMENT									
E31-N039B	TEMPERATURE ELEMENT PYCO	145C3224	AB	95	Y	N/A	N/A	MF	2 B
E31-N040A	TEMPERATURE ELEMENT PYCO	145C3224	AB	95	Y	N/A	N/A	MF	2 B
E31-N040B	TEMPERATURE ELEMENT PYCO	145C3224	AB	95	Y	N/A	N/A	MF	2 B
E31-N041A	TEMPERATURE ELEMENT PYCO	145C3224	AB	95	Y	N/A	N/A	MF	2 B
E31-N041B	TEMPERATURE ELEMENT PYCO	145C3224	AB	95	Y	N/A	N/A	MF	2 B
E31-N042A	TEMPERATURE ELEMENT PYCO	145C3224	AB	95	Y	N/A	N/A	MF	2 B
E31-N042B	TEMPERATURE ELEMENT PYCO	145C3224	AB	95	Y	N/A	N/A	MF	2 B
E31-N043A	TEMPERATURE ELEMENT PYCO	145C3224	CT	170	DH	Y	Y	N/A	MF SEE 303 B
E31-N043B	TEMPERATURE ELEMENT PYCO	145C3224	CT	170	DH	Y	Y	N/A	MF SEE 303 B
E31-N044B	TEMPERATURE ELEMENT PYCO	145C3224	CT	175	LH	Y	Y	N/A	MF N/A B
E31-N045A	TEMPERATURE ELEMENT PYCO	145C3224	CT	174	DH	Y	Y	N/A	MF SEE 303 B
E31-N045B	TEMPERATURE ELEMENT PYCO	145C3224	CT	174	DH	Y	Y	N/A	MF SEE 303 B

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MASTER LIST OF SAFETY RELATED EQUIPMENTENGINEER: STONE & WEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

DOCKET NO. 50-458

EQUIP. ID	-----EQUIPMENT-----		---LOCATION---		---LOADS---		-QUAL METH-		-NAT FREQ-	---RRS REF
	DESCRIPTION MANUFACTURER	PPD NO.	BLDG	ELEV MTG	SEIS	HYDR	ANLYS	TEST	LOWEST	---STATUS--- QUAL INST

SYSTEM E31 LEAK DETECTION SYSTEM

NSSS EQUIPMENT

E31-N046A	TEMPERATURE ELEMENT PYCO	145C3224	CT	176	DW	Y	Y	N/A	HF	SEE 303 B
E31-N046B	TEMPERATURE ELEMENT PYCO	145C3224	CT	176	DW	Y	Y	N/A	HF	SEE 303 B
E31-N047A	TEMPERATURE ELEMENT PYCO	145C3224	CT	175	LH	Y	Y	N/A	HF	N/A B
E31-N047B	TEMPERATURE ELEMENT PYCO	145C3224	CT	175	LH	Y	Y	N/A	HF	N/A B
E31-N048A	TEMPERATURE ELEMENT PYCO	145C3224	CT	180	DW	Y	Y	N/A	HF	SEE 303 B
E31-N048B	TEMPERATURE ELEMENT PYCO	145C3224	CT	180	DW	Y	Y	N/A	HF	SEE 303 B
E31-N049A	TEMPERATURE ELEMENT PYCO	145C3224	CT	173	DW	Y	Y	N/A	HF	SEE 303 B
E31-N049B	TEMPERATURE ELEMENT PYCO	145C3224	CT	173	DW	Y	Y	N/A	HF	SEE 303 B
E31-N050A	TEMPERATURE ELEMENT PYCO	145C3224	CT	175	LH	Y	Y	N/A	HF	N/A B
E31-N050B	TEMPERATURE ELEMENT PYCO	145C3224	CT	175	LH	Y	Y	N/A	HF	N/A B
E31-N051A	TEMPERATURE ELEMENT PYCO	145C3224	CT	180	DW	Y	Y	N/A	HF	SEE 303 B
E31-N051B	TEMPERATURE ELEMENT PYCO	145C3224	CT	180	DW	Y	Y	N/A	HF	SEE 303 B

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MASTER LIST OF SAFETY RELATED EQUIPMENTENGINEER: STONE & WEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

DOCKET NO. 50-458

EQUIP. ID	DESCRIPTION MANUFACTURER	PPD NO.	---LOCATION---		---LOADS---		-QUAL METH-		-NAT FREQ-	---RRS REF
			BLDG	ELEV	HTG	SEIS	HYDR	ANLYS	TEST	LOWEST
										QUAL INST

SYSTEM E31 LEAK DETECTION SYSTEM

NSSS EQUIPMENT

E31-N055A	TEMPERATURE ELEMENT PYCO	145C3224	CT	156	DH	Y	Y	N/A	MF	SEE 302 B
E31-N055B	TEMPERATURE ELEMENT PYCO	145C3224	CT	156	DH	Y	Y	N/A	MF	SEE 302 B
E31-N056A	TEMPERATURE ELEMENT PYCO	145C3224	CT	158	LH	Y	Y	N/A	MF	N/A B
E31-N056B	TEMPERATURE ELEMENT PYCO	145C3224	CT	158	LH	Y	Y	N/A	MF	N/A B
E31-N057A	TEMPERATURE ELEMENT PYCO	145C3224	CT	148	LH	Y	Y	N/A	MF	N/A B
E31-N057B	TEMPERATURE ELEMENT PYCO	145C3224	CT	148	LH	Y	Y	N/A	MF	N/A B
E31-044A	TEMPERATURE ELEMENT PYCO	145C3224	CT	175	LH	Y	Y	N/A	MF	N/A B

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UTILITY GULF STATES

SEISMIC AND DYNAMIC QUALIFICATION SUMMARY AND STATUS REPORT
MASTER LIST OF SAFETY RELATED EQUIPMENT

ENGINEER: STONE & WEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

DOCKET NO. 50-458

EQUIP. ID	-----EQUIPMENT----- DESCRIPTION MANUFACTURER	PPD NO.	---LOCATION---	---LOADS---	-QUAL METH-	-NAT FREQ-	----RRS REF
			BLDG ELEV HTG	SEIS HYDR	ANLYS TEST	LOWEST	---STATUS--- QUAL INST

SYSTEM E33 MAIN STEAM ISOLATION VALVE SEALS

NSSS EQUIPMENT

E33-D001	FLOW ORIFICE ASSEMBLY VICKERY SIMS		ORB	LH	Y	N/A	S	N/A	N/A B	Y
E33-D021	FLOW ORIFICE ASSEMBLY VICKERY SIMS		ORB	LH	Y	N/A	S	N/A	N/A B	Y
E33-N006	FLOW ORIFICE ASSEMBLY VICKERY SIMS		AB	143	LH	Y	N/A	S	N/A	N/A B
E33-N026	FLOW ORIFICE ASSEMBLY VICKERY SIMS		ORB	LH	Y	N/A	S	N/A	N/A	

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MASTER LIST OF SAFETY RELATED EQUIPMENTENGINEER: STONE & WEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

DOCKET NO. 50-458

EQUIP. ID	DESCRIPTION MANUFACTURER	PPD NO.	---LOCATION---		---LOADS---		-QUAL METH-	-NAT FREQ-	---RRS REF
			BLDG	ELEV	MTG	SEIS			

SYSTEM E51 REACTOR CORE ISOLATION COOLING SYSTEM

NSSS EQUIPMENT

E51-C001	PUMP, RCIC BINGHAM		AB	70	F	Y	N/A	S/D	N/A	1 B	Y
E51-C002	TURB, ST. RCIC DRIVE TERRY		AB	70	CF	Y	N/A		HF	1 B	Y
E51-N001	FLOW ORIFICE ASSY, RCIC VICKERY SIMS		AB	100	LH	Y	N/A	S	N/A	N/A B	Y
E51-N010	LEVEL SWITCH MAGNETROL	159C4361	AB	73	LH	Y		N/A	HF	N/A B	
E51-N035A	TRANSMITTER, DIFF PRESS ROSEMOUNT	169C8392	PT	71	RH	Y		N/A	HF	25 B	
E51-N035E	TRANSMITTER, DIFF PRESS ROSEMOUNT	169C8392	PT	71	RH	Y		N/A	HF	25 B	
E51-N036A	TRANSMITTER, LEVEL ROSEMOUNT/GOULD	163C1973	CT	123	DH	Y	Y	N/A	HF	SEE 301 B	
E51-N036E	TRANSMITTER, LEVEL ROSEMOUNT/GOULD	163C1973	CT	123	DH	Y	Y	N/A	HF	SEE 301 B	
E51-N037	LEVEL SWITCH MAGNETROL	159C4361	AB	70	LH	Y		N/A	HF	N/A B	
E51-R005	THERMOMETER WEED	145C3103				Y	N/A	S	N/A	B	

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MASTER LIST OF SAFETY RELATED EQUIPMENTENGINEER: STONE & WEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

DOCKET NO. 50-458

EQUIP. ID	DESCRIPTION MANUFACTURER	PPD NO.	BLDG	ELEV	MTG	SEIS	HYDR	ANLYS	TEST	LOWEST	RRS REF	STATUS
											QUAL	INST

SYSTEM F11												
* NSSS EQUIPMENT												
F11-E001	FUEL PREP MACHINE (QTY 2) GE		CT	106	DW	Y	Y	S/D	N/A		49,116,149 B	
F11-E002	NEW FUEL INSPECTION STAND GE		FB	113	CF	Y	N/A	S/D			18 B	
F11-E011	GENERAL PURPOSE GRAPPLE GE		CT	106	N/A	N/A	N/A	S	N/A		49,116,149 B	Y
F11-E012	JIB CRANE CAL PACIFIC		CT	106	CF	Y	Y				49,116,149 B	
F11-E014	FUEL HANDLING PLATFORM PRO & REM		FB	125	CF	Y	N/A	S/D	N/A		18,19 B	Y
F11-E017	FUEL HANDLING PLATFORM PRO & REM		FB	125	CF	Y	N/A	S/D	N/A		18,19 B	Y

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UTILITY GULF STATES

SEISMIC AND DYNAMIC QUALIFICATION SUMMARY AND STATUS REPORT
MASTER LIST OF SAFETY RELATED EQUIPMENT

ENGINEER: STONE & WEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

DOCKET NO. 50-458

EQUIP. ID	DESCRIPTION MANUFACTURER	PPD NO.	BLDG	ELEV	HTG	SEIS	HYDR	ANLYS	TEST	LOWEST	RRS REF	STATUS	QUAL	INST
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SYSTEM F13

NSSS EQUIPMENT

F13-E005	HEAD HOLDING PEDESTAL CBIN		CT	186	CF	Y	Y	D	N/A		49,116,149	B	Y	
F13-E008	DRYER SEPARATOR STGBK VOTAH		CT	186		N/A	N/A	S	N/A		49,116,149	B	Y	
F13-E009	HEAD STRONGBACK CAROUSEL VOTAH		CT	186		N/A	N/A	S	N/A		49,116,149	B	Y	

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ENGINEER: STONE & WEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

EQUIP. ID	DESCRIPTION	PPD NO.	BLDG	ELEV	MTG	SEIS	HYDR	ANLYS	TEST	LOWEST	STATUS	QUAL	INST

1

F14-E002	CONTROL ROD GRAPPLE INDUSTRIAL DESIGN	CT	186	N/A	N/A	Y	S	N/A	49,116,149 B Y
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SEISMIC AND DYNAMIC QUALIFICATION SUMMARY AND STATUS REPORT
MASTER LIST OF SAFETY RELATED EQUIPMENT

ENGINEER: STONE & WEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

DOCKET NO. 50-450

EQUIP. ID	DESCRIPTION MANUFACTURER	PPD NO.	ELDS	ELEV	HTG	SEIS	HYDR	ANLYS	TEST	QUAL	INST	RRS REF	STATUS
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SYSTEM F15

NSSS EQUIPMENT

F15-E003	REFUELING PLATFORM EQUIP PRO & REH	CT	186	CF	Y	Y	Y	S/D	N/A	B	Y	49,116,149	
F15-E005	AUXILIARY PLATFORM AVEL	CT	186	CF	Y	Y	Y	N/A	N/A	B	Y	49,116,149	
F15-E006	REFUELING PLATFORM, RH PRO & REH	CT	186	CF	Y	Y	Y	S/D	N/A	B	Y	49,116,149	

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MASTER LIST OF SAFETY RELATED EQUIPMENTENGINEER: STONE & WEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

DOCKET NO. 50-458

EQUIP. ID	-----EQUIPMENT-----		---LOCATION---		---LOADS---		-QUAL METH-		-NAT FREQ-		----RRS REF	
	DESCRIPTION	PPD NO.	BLDG	ELEV MTG	SEIS	HYDR	ANLYS	TEST	LOWEST	STATUS---	QUAL	INST

SYSTEM F16												
NSSS EQUIPMENT												
F16-E002	FUEL STORAGE RACK GE								S/D		N/A	B
F16-E006	IN-VESSEL RACK GOULD				Y	N/A		N/A			N/A	
F16-E009	DEFECT FUEL STORAGE CONT GE			CF				N/A			N/A	B
F16-E011	EQPT STOR RACK GE		CT	136	CF	Y	Y	S/D	N/A		SEE 302	B
F16-E012	FUEL STORAGE VAULT GE		FB	95	DW	Y	N/A	S/D	N/A	N/A	17	B

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SEISMIC AND DYNAMIC QUALIFICATION SUMMARY AND STATUS REPORT
MASTER LIST OF SAFETY RELATED EQUIPMENT

ENGINEER: STONE & WEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

DOCKET NO. 50-458

EQUIP. ID	DESCRIPTION MANUFACTURER	PPD NO.	---LOCATION---		---LOADS---		-QUAL METH-	-NAT FREQ-	---RRS REF
			BLDG	ELEV HTG	SEIS	HYDR			
									QUAL INST

SYSTEM F42

*

NSSS EQUIPMENT

F42-D001	INCLINED FUEL XFR TUBE GE	CT	138	CF	Y	Y	N/A	SEE 304 B
F42-G001	BELLOWS ASSOC PIPE	CT	138	CF	Y	Y	N/A	SEE 302 B

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NSSS SUPPLIER: GENERAL ELECTRIC

DOCKET NO. 50-450

EQUIP. ID	DESCRIPTION MANUFACTURER	PPD NO.	BLDG	ELEV	MTG	SEIS	HYDR	ANLYS	TEST	LOWEST	RRS REF	STATUS
											QUAL	INST

SYSTEM G33 REACTOR WATER CLEAN-UP												
NSSS EQUIPMENT												
G33-N011	FLOW ORIFICE ASSEMBLY VICKERY SIMS		ORB		LH	Y		N/A	S	N/A	N/A B	Y
G33-N035	FLOW ELEMENT (VENTURI) PERMUTIT		RB		LH	Y		Y	S/D	N/A	N/A B	Y
G33-N040	FLOW ORIFICE ASSEMBLY VICKERY SIMS		ORB		LH	Y		N/A	S	N/A	N/A B	Y
G33-N043	FLOW ELEMENT (VENTURI) FLUIDICS		ORB		LH	Y		N/A	S/D	N/A	N/A B	Y

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NSSS SUPPLIER: GENERAL ELECTRIC

DOCKET NO. 50-450

EQUIP. ID	-----EQUIPMENT-----		PPD NO.	---LOCATION---		---LOADS---		-QUAL METH-	-NAT FREQ-	----RRS REF	
	DESCRIPTION MANUFACTURER			BLDG	ELEV MTG	SEIS	HYDR			ANLYS	TEST

SYSTEM H13 CONTROL ROOM PANELS

NSSS EQUIPMENT

H13-P601	REACTOR CORE COOLING BB		CB	136	CF	Y	N/A	N/A	HF	9	B	Y
H13-P618	DIV 2 RHR RELAY VB		CB	136	CF	Y	N/A	N/A	HF	9	B	Y
H13-P621	REA CORE ISO COOL RELY VB		CB	136	CF	Y	N/A	N/A	HF	9	B	Y
H13-P622	INBOARD VALVE RELAY VB		CB	136	CF	Y	N/A	N/A	HF	9	B	Y
H13-P623	OUTBOARD VALVE RELAY VB		CB	136	CF	Y	N/A	N/A	HF	9	B	Y
H13-P625	HP CORE SPRAY RELAY PNL GE		CB	136	CF	Y	N/A	N/A	HF	9	B	Y
H13-P628	AUTO DEP CH A RLY VB GE		CB	136	CF	Y	N/A	N/A	HF	9	B	Y
H13-P629	DIV 1 LPCS&RHR RELAY VB GE		CB	136	CF	Y	N/A	N/A	HF	9	B	Y
H13-P631	AUTO DEPRESS CH B RLY VB GE		CB	136	CF	Y	N/A	N/A	HF	9	B	Y
H13-P632	DIV 1 LEAK DETECTION VB GE		CB	136	CF	Y	N/A	N/A	HF	9	B	Y
H13-P642	DIV 2 LEAK DETECTION VB GE		CB	136	CF	Y	N/A	N/A	HF	9	B	Y
H13-P654	DIV 2 MSIV LKG CONT CAB GE		CB	136	CF	Y	N/A	N/A	HF	9	B	Y

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NSSS SUPPLIER: GENERAL ELECTRIC

DOCKET NO. 50-458

EQUIP. ID	DESCRIPTION MANUFACTURER	PPD NO.	---LOCATION---		---LOADS---		-QUAL METH-	-NAT FREQ-	---RRS REF	---STATUS---
			BLDG	ELEV	MTG	SEIS				

SYSTEM H13 CONTROL ROOM PANELS

NSSS EQUIPMENT

H13-P655	DIV 1 MSIV LKG CONT CAB GE	CB	136	CF	Y	N/A	N/A	MF	9 B	Y
H13-P669	NEUTRON/PROCESS RAD DIV 1 GE	CB	136	CF	Y	N/A	N/A	MF	9 B	Y
H13-P670	NEUTRON/PROCESS RAD DIV 2 GE	CB	136	CF	Y	N/A	N/A	MF	9 B	Y
H13-P671	NEUTRON/PROCESS RAD DIV 3 GE	CB	136	CF	Y	N/A	N/A	MF	9 B	Y
H13-P672	NEUTRON/PROCESS RAD DIV 4 GE	CB	136	CF	Y	N/A	N/A	MF	9 B	Y
H13-P680	PRNTD PWR PLANT CONSOLE GE	CB	136	CF	Y	N/A	N/A	MF	9 B	Y
H13-P691	RPS LOGIC DIV A GE	CB	136	CF	Y	N/A	N/A	MF	9 B	Y
H13-P692	RPS LOGIC DIV B GE	CB	136	CF	Y	N/A	N/A	MF	9 B	Y
H13-P693	RPS LOGIC DIV C GE	CB	136	CF	Y	N/A	N/A	MF	9 B	Y
H13-P694	RPS LOGIC DIV D GE	CB	136	CF	Y	N/A	N/A	MF	9 B	Y
H13-P702	TERM CABINET P702 GE	CB	136	CF	Y	N/A	N/A	MF	9 B	Y
H13-P703	TERM CABINET P703 GE	CB	136	CF	Y	N/A	N/A	MF	9 B	Y

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MASTER LIST OF SAFETY RELATED EQUIPMENTENGINEER: STONE & WEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

DOCKET NO. 50-458

EQUIP. ID	-----EQUIPMENT-----		---LOCATION---		---LOADS---		-QUAL METH-	-NAT FREQ-	----RRS REF	
	DESCRIPTION MANUFACTURER	PPD NO.	BLDG	ELEV MTG	SEIS	HYDR	ANLYS TEST	LOWEST	---STATUS---	QUAL INST

SYSTEM H13 CONTROL ROOM PANELS										
NSSS EQUIPMENT										
H13-P704	TERM CAB P704 GE		CB	136	CF	Y	N/A	N/A	HF	9 B Y
H13-P710	TERM CABINET P710 GE		CB	136	CF	Y	N/A	N/A	HF	9 B Y
H13-P711	TERM CAB P711 GE		CB	136	CF	Y	N/A	N/A	HF	9 B Y
H13-P712	TERM CAB P712 GE		CB	136	CF	Y	N/A	N/A	HF	9 B Y
H13-P713	TERM CAB P713 GE		CB	136	CF	Y	N/A	N/A	HF	9 B Y
H13-P714	TERM CAB P714 GE		CB	136	CF	Y	N/A	N/A	HF	9 B Y
H13-P715	TERM CAB P715 GE		CB	136	CF	Y	N/A	N/A	HF	9 B Y
H13-P717	TERM CAB P717 GE		CB	136	CF	Y	N/A	N/A	HF	9 B Y
H13-P721	TERMINATION CABINET P721 GE		CB	136	CF	Y	N/A	N/A	HF	9 B Y
H13-P743	TERMINATION CABINET P743 GE		CB	136	CF	Y	N/A	N/A	HF	9 B Y
H13-P744	TERMINATION CABINET P744 GE		CB	136	CF	Y	N/A	N/A	HF	9 B Y
H13-P745	TERMINATION CABINET P745 GE		CB	136	CF	Y	N/A	N/A	HF	9 B Y

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UTILITY GULF STATESSEISMIC AND DYNAMIC QUALIFICATION SUMMARY AND STATUS REPORT
MASTER LIST OF SAFETY RELATED EQUIPMENTENGINEER: STONE & WEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

DOCKET NO. 50-458

EQUIP. ID	DESCRIPTION MANUFACTURER	PPD NO.	---LOCATION---		---LOADS---		-QUAL METH-	-NAT FREQ-	---RRS REF	
			BLDG	ELEV	MTG	SEIS			HYDR	ANLYS
										QUAL INST

SYSTEM H13 CONTROL ROOM PANELS

NSSS EQUIPMENT

H13-P746	TERMINATION CABINET P746 GE	CB	136	CF	Y	N/A	N/A	MF	9	B	Y
H13-P747	TERMINATION CABINET P747 GE	CB	136	CF	Y	N/A	N/A	MF	9	B	Y
H13-P748	TERMINATION CABINET P748 GE	CB	136	CF	Y	N/A	N/A	MF	9	B	Y
H13-P750	TERM CABINET P750 GE	CB	136	CF	Y	N/A	N/A	MF	9	B	Y
H13-P751	TERM CABINET ASSY P751 GE	CB	136	CF	Y	N/A	N/A	MF	9	B	Y
H13-P799	TERMINATION CABINET P799 GE	CB	136	CF	Y	N/A	N/A	MF	9	B	Y
H13-P808	CONTROL ROOM PANEL GE	CB	136	CF	Y	N/A	N/A	MF	9	B	Y
H13-P819	ASSY BOP SAFETY DIV 1 GE	CB	136	CF	Y	N/A	N/A	MF	9	B	Y
H13-P820	BOP SAFETY DIV 2 GE	CB	136	CF	Y	N/A	N/A	MF	9	B	Y
H13-P841	CONTROL ROOM PANEL GE	CB	136	CF	Y	N/A	N/A	MF	9	B	Y
H13-P842	CONTROL ROOM PANEL GE	CB	136	CF	Y	N/A	N/A	MF	9	B	Y
H13-P851	DIV 1 BOP AUX RELAY PNL GE	CB	136	CF	Y	N/A	N/A	MF	9	B	Y

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UTILITY GULF STATESSEISMIC AND DYNAMIC QUALIFICATION SUMMARY AND STATUS REPORT
MASTER LIST OF SAFETY RELATED EQUIPMENTENGINEER: STONE & WEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

DOCKET NO. 50-458

EQUIP. ID	-----EQUIPMENT-----		---LOCATION---		---LOADS---		-QUAL METH-	-NAT FREQ-	----RRS REF	
	DESCRIPTION MANUFACTURER	PPD NO.	BLOG	ELEV MTG	SEIS	HYDR			ANLYS	TEST

SYSTEM H13 CONTROL ROOM PANELS

NSSS EQUIPMENT

H13-P852	DIV 2 BOP AUX RELAY PNL GE		CB	136	CF	Y	N/A	N/A	MF	9 B	Y
H13-P863	HVAC BENCH BOARD GE		CB	136	CF	Y	N/A	N/A	MF	9 B	Y
H13-P870	BOP CONTROL BB GE		CB	136	CF	Y	N/A	N/A	MF	9 B	Y
H13-P877	CONTROL ROOM PANEL GE		CB	136	CF	Y	N/A	N/A	MF	9 B	Y
H13-P952	DIV 2 BOP AUX RELAY PANEL GE		CB	136	CF	Y	N/A	N/A	MF	9 B	Y

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UTILITY GULF STATESSEISMIC AND DYNAMIC QUALIFICATION SUMMARY AND STATUS REPORT
MASTER LIST OF SAFETY RELATED EQUIPMENTENGINEER: STONE & WEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

DOCKET NO. 50-458

EQUIP. ID	DESCRIPTION MANUFACTURER	PPD NO.	---LOCATION---		---LOADS---		-QUAL METH-	-NAT FREQ-	---RRS REF	
			BLOG	ELEV	MTG	SEIS			HYDR	ANLYS

SYSTEM H22 LOCAL PANELS AND RACKS										
NSSS EQUIPMENT										
H22-P001	LPCS LOCAL PANEL GE		AB	100	CF	Y	N/A	N/A	MF	2,3 B Y
H22-P002	REAC WATER CLNUP LCL PNL GE		CT	141	CF	Y	Y	N/A	MF	SEE 302 B Y
H22-P004	RV LVL & PRESS LCL PNL A GE		CT	114	CF	Y	Y	N/A	MF	46,113,146 B Y
H22-P005	R V LVL & PRESS LCL PNL C GE		CT	114	CF	Y	Y	N/A	MF	46,113,146 B Y
H22-P009	JET PUMP LOCAL PANEL B GE		CT	114	CF	Y	Y	N/A	MF	46,113,146 B Y
H22-P010	JET PUMP LOCAL PANEL A GE		CT	114	CF	Y	Y	N/A	MF	46,113,146 B Y
H22-P011	STBY LIQ CONT LCL PNL GE		CT	141	CF	Y	Y	N/A	MF	SEE 302 B Y
H22-P015	MAIN STEAM FLOW LCL PNL A GE		CT	114	CF	Y	Y	N/A	MF	46,113,146 B Y
H22-P017	RCIC LOCAL PANEL GE		AB	100	CF	Y	N/A	N/A	MF	2,3 B Y
H22-P018	RHR A LOCAL PANEL GE		AB	100	CF	Y	N/A	N/A	MF	2,3 B Y
H22-P021	RHR B LOCAL PANEL GE		AB	100	CF	Y	N/A	N/A	MF	2,3 B Y
H22-P024	HPCS LOCAL PANEL GE		AB	100	CF	Y	N/A	N/A	MF	2,3 B Y

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UTILITY GULF STATESSEISMIC AND DYNAMIC QUALIFICATION SUMMARY AND STATUS REPORT
MASTER LIST OF SAFETY RELATED EQUIPMENTENGINEER: STONE & WEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

DOCKET NO. 50-458

EQUIP. ID	-----EQUIPMENT-----	PPD NO.	---LOCATION---		---LOADS---		-QUAL METH-	-NAT FREQ-	----RRS REF		
	DESCRIPTION MANUFACTURER		BLDG	ELEV	MTG	SEIS				HYDR	ANLYS

SYSTEM H22 LOCAL PANELS AND RACKS

NSSS EQUIPMENT

H22-P025	MAIN STEAM FLOW LCL PNL B GE		CT	114	CF	Y	Y	N/A	HF	46,113,146 B Y
H22-P026	RV LVL & PRESS LCL PNL D GE		CT	114	CF	Y	Y	N/A	HF	46,113,146 B Y
H22-P027	RV LVL&PRESS LCL PNL B		CT	114	CF	Y	Y	N/A	HF	46,113,146 B Y
H22-P028	ASSY, HPCS DGP RELAY VB GE		DG	98	CF	Y	N/A	N/A	HF	12 B Y
H22-P030	SRM/IRM PRE-AMP ENCL A GE		AG	114	CF	Y	N/A	N/A	HF	3 B Y
H22-P031	SRM/IRM PRE-AMP ENCL B GE		AB	120	CF	Y	N/A	N/A	HF	3,4 B Y
H22-P032	SRM/IRM PRE-AMP ENCL C GE		FB	113	CF	Y	N/A	N/A	HF	18 B Y
H22-P033	SRM/IRM PRE-AMP ENCL D GE		FB	113	CF	Y	N/A	N/A	HF	18 B Y
H22-P041	MAIN STEAM FLOW LCL PNL D GE		CT	114	CF	Y	Y	N/A	HF	46,113,146 B Y
H22-P042	MAIN STEAM FLOW LCL PNL C GE		CT	114	CF	Y	Y	N/A	HF	46,113,146 B Y
H22-P055	RHR C LOCAL PANEL GE		AD	100	CF	Y	N/A	N/A	HF	2,3 B Y
H22-P073	MSP LKG CONTROL DIV 1 LP GE		AB	114	CF	Y		N/A	HF	3 B Y

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JOB NAME RBS - UNIT 1
UTILITY GULF STATES

SEISMIC AND DYNAMIC QUALIFICATION SUMMARY AND STATUS REPORT
MASTER LIST OF SAFETY RELATED EQUIPMENT

ENGINEER: STONE & WEBSTER
NSSS SUPPLIER: GENERAL ELECTRIC

DOCKET NO. 50-458

EQUIP. ID	DESCRIPTION MANUFACTURER	PPD NO.	BLDG	ELEV	MTG	SEIS	HYDR	ANLYS	TEST	LOWEST	RRS REF	STATUS

SYSTEM H22 LOCAL PANELS AND RACKS

NSSS EQUIPMENT

H22-P074	MSP LKG CONTROL DIV 2 LP GE		AB	114	CF	Y	N/A	N/A	MF		3 B	Y
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***** W204 TYPE 0 NUMBER OF MESSAGES PRINTED IS 3.
SORTOUT - 367 RECORDS INPUT
FINAL - 1 RECORDS INPUT
A - 1378 RECORDS OUTPUT
***** W209 TYPE 0 376000 BYTES OF MAIN STORAGE UNUSED DURING REPORTING PHASE

****A.. END ..JOB 2308..R0082EQD..B.BARNES
****A.. END ..JOB 2308..R0082EQD..B.BARNES
****A.. END ..JOB 2308..R0082EQD..B.BARNES

.FLOOR 2R ...2.59.38 PM 25 JUL 84..R3.PR5
.FLOOR 2R ...2.59.38 PM 25 JUL 84..R3.PR5
.FLOOR 2R ...2.59.38 PM 25 JUL 84..R3.PR5

..SYS.C168..JOB 2308.. END ..A****
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****A.. END ..JOB 2308..R0082EQD..B.BARNES

.FLOOR 2R ...2.59.38 PM 25 JUL 84..R3.PR5
.FLOOR 2R ...2.59.38 PM 25 JUL 84..R3.PR5
.FLOOR 2R ...2.59.38 PM 25 JUL 84..R3.PR5

..SYS.C168..JOB 2308.. END ..A****
..SYS.C168..JOB 2308.. END ..A****
..SYS.C168..JOB 2308.. END ..A****