



**GULF STATES UTILITIES COMPANY**

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October 19, 1984  
RBG-19,211  
File Nos. G9.5, G9.20.8

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

Gulf States Utilities Company (GSU) is providing an updated copy of the River Bend Station (RBS) Seismic Category I Safety-Related Equipment master list for both Balance of Plant (BOP) and Nuclear Steam Supply System (NSSS). The enclosed master list reflects the projected status of each component as of October 29, 1984. It is GSU's understanding, that the Nuclear Regulatory Commission's (NRC) Seismic Qualification Review Team (SQRT) and Pump and Valve Operability Review Team (PVORT) Leaders will select surprise items from those components identified as being qualified on the updated master list. GSU looks forward to supporting the SQRT and PVORT Audits during the week of October 29, 1984.

Sincerely,

*J. E. Booker*

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

*JEB/RJK/je*

Attachment

cc: Dr. C. H. Hofmayer  
Brookhaven National Laboratory  
Department of Nuclear Energy  
Building 129  
Upton, NY 11973  
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cc: Dr. B. E. Miller  
Brookhaven National Laboratory  
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Building 130  
Upton, NY 11973  
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ENCLOSURE 1

SEISMIC CATEGORY I EQUIPMENT MASTER LIST  
DEFINITION OF CODES

Bldg - Building code

AB - Auxiliary  
AC - Auxiliary control building  
AN - Annulus (reactor building)  
CB - Control building  
CL - Cooling tower  
CT - Containment (reactor building)  
DG - Diesel generator building  
DW - Drywell (reactor building)  
FB - Fuel building  
NS - Normal switchgear building  
OG - Off gas building  
PT - Piping tunnels  
RW - Radwaste building  
SB - Shield building (reactor building)  
SW - Standby service water pumphouse  
TB - Turbine building  
RB - Reactor building (for line-mounted equipment)  
ORB - Outside reactor building

MTG - Mounting condition

CF - Concrete floor mounting  
DW - Concrete wall mounting  
DM - Direct mounting  
HM - Hanger mounting  
RM - Rack mounting  
CM - Cabinet mounting  
EM - Equipment mounting  
LM - Line-mounted equipment

Loads - Indicate whether seismic or hydrodynamic loads are applicable:

Y - Yes  
NA - Not applicable

Qual Method - Qualification method

Analysis: S - Static analysis  
D - Dynamic analysis  
NA - Not applicable



Test: SF - Single frequency  
MF - Multiple frequency  
NA - Not applicable  
SO - Static operability

Status - Indicate status of qualification and installation

Qual - Qualification status

Code A - The qualification and associated documentation are complete.

Code A1 - The qualification testing/analysis is in progress and completion of qualification and associated documentation is scheduled for completion prior to the audit.

Code B - The qualification testing/analysis is completed, but associated documentation is not yet approved or is still in review.

Code B1 - The qualification testing/analysis is in progress.

Code C - The qualification plan/procedure is documented, but testing has not yet begun.

Code D - Equipment to be qualified (new equipment added).

Inst - Installation status

Code y - Physical installation is complete.

RRS Ref - Reference to required response spectra (RRS) number applicable for the respective equipment.

ENCLOSURE 2

A. RBS BOP SEISMIC CATEGORY I EQUIPMENT  
SUPPLEMENT REQUIRED RESPONSE SPECTRA (RRS)  
CROSS-REFERENCE

NOTE: Due to a field length limitation in the Computerized Equipment Master List, the following shall be used:

<u>Equivalent RRS Reference</u>	=	<u>RRS Reference</u>
201	=	48,61,115,128,148,161
202	=	37,38,40,46,48,49
203	=	47,48,114,115,147,148
204	=	46,47,113,114,146,147
205	=	58,59,60,125,126,127,158,159,160

ENCLOSURE 2

B. RBS NSSS SEISMIC CATEGORY I EQUIPMENT  
SUPPLEMENT REQUIRED RESPONSE SPECTRA (RRS)  
CROSS REFERENCE

NOTE: Due to a field length limitation in the Computerized Equipment Master List, the following shall be used:

<u>Equivalent RRS Reference</u>	=	<u>RRS Reference</u>
301	=	46,47,113,114,146,147
302	=	47,48,114,115,147,148
303	=	48,49,115,116,148,149
304	=	17,47,48,114,115,147,148
305	=	57,58,124,125,157,158
306	=	60,61,127,128,160,161
307	=	58,59,125,126,158,159

ENCLOSURE 3

A. BOP SEISMIC CATEGORY I EQUIPMENT MASTER LIST



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

SYSTEM BYS . BATTERY - 125V STATION

BOP EQUIPMENT  
CHGR BATTERY CHARGER

1BYS*CHGR1D	BATT. CHARGER POWER CONVERS. PROD.	244.523	CB	116	CF	Y	NA	NA	MF	16	8 A	Y
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SWG SWITCHGEAR

1BYS*SWG01D	SWITCHGEAR BROWN-BOVERI	242.521	CB	098	CF	Y	NA	NA	MF	6	7 A	Y
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MASTER LIST OF SAFETY RELATED EQUIPMENT

ENGINEER: STONE & WEBSTER  
NSSF SUPPLIER: GENERAL ELECTRIC

DOCKET NO. 50-458

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

SYSTEM B21 NUCLEAR BOILER SYSTEM

BOP EQUIPMENT  
AOVF \*

1B21*AOVF32A	CHECK VALVES ATHOOD & MORRILL CO.	228.218	AB	114	LH	Y	Y	S	HF	54	NA A	Y
1B21*AOVF32B	CHECK VALVES ATHOOD & MORRILL CO.	228.218	AB	114	LH	Y	Y	S	HF	54	NA A	Y

HOVF \*

1B21*HOVF001	VALVE H.O. 2"-1500 LB VELAN	228.214	DW	141	LH	Y	Y	S	HF	78	NA B	Y
1B21*HOVF002	VALVE H.O. 2"-1500 LB VELAN	228.214	DW	141	LH	Y	Y	S	HF	78	NA B	Y
1B21*HOVF005	VALVE H.O. 2"-1500 LB VELAN	228.214	DW	141	LH	Y	Y	S	HF	78	NA B	Y
1B21*HOVF016	VALVE H.O. 3"-600 LB VELAN	228.212	DW	114	LH	Y	Y	S	HF	49	NA B	Y
1B21*HOVF019	VALVE H.O. 3"-600 LB VELAN	228.212	DW	114	LH	Y	Y	S	HF	49	NA B	Y
1B21*HOVF027A	VALVE H.O. 3/4" 1500 LB VELAN	228.214	AB	141	LH	Y	NA	S	HF	50	NA A	Y
1B21*HOVF027B	VALVE H.O. 3/4"-1500 LB VELAN	228.214	AB	141	LH	Y	NA	S	HF	50	NA A	Y
1B21*HOVF027C	VALVE H.O. 3/4"-1500 LB VELAN	228.214	AB	141	LH	Y	NA	S	HF	50	NA A	Y
1B21*HOVF027D	VALVE H.O. 3/4"-1500 LB VELAN	228.214	AB	141	LH	Y	NA	S	HF	50	NA A	Y
1B21*HOVF065A	VALVE H.O. 20"-900 LB VELAN	228.212	AB	070	LH	Y	Y	S	HF	49	NA A	Y
1B21*HOVF065B	VALVE H.O. 20"-900 LB VELAN	228.212	DW	070	LH	Y	Y	S	HF	49	NA A	Y
1B21*HOVF067A	VALVE H.O. 1.5"-1500 LB VELAN	228.214	AB	114	LH	Y	Y	S	HF	61	NA B	Y
1B21*HOVF067B	VALVE H.O. 1.5"-1500 LB VELAN	228.214	AB	114	LH	Y	Y	S	HF	61	NA 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	-----EQUIPMENT-----		---LOCATION---			---LOADS---			QUAL METH-	NAT FREQ-	----RRS REF----	
	DESCRIPTION	MANUFACTURER	SPEC NO.	BLDG	ELEV	HTG	SE75	HYDR	ANLVS	TEST	LOHEST	---STATUS---

SYSTEM B21 NUCLEAR BOILER SYSTEM

MOVF \*

1B21*MOV067C	VALVE M.O. 1.5"-1500 LB VELAN	228.214	AB	114	LH	Y	Y	S	MF	61	NA B	Y
1B21*MOV067D	VALVE M.O. 1.5"-1500 LB VELAN	228.214	AB	114	LH	Y	Y	S	MF	61	NA B	Y
1B21*MOV085	VALVE M.O. 3"-600 LB VELAN	228.212	DW	114	LH	Y	Y	S	MF	49	NA A	Y
1B21*MOV086	VALVE M.O. 3"-600 LB VELAN	228.212	AB	114	LH	Y	Y	S	MF	49	NA A	Y
1B21*MOV098A	VALVE M.O. 24"-900 LB VELAN	228.212	AB	114	LH	Y	Y	S	MF	68	NA B	Y
1B21*MOV098B	VALVE M.O. 24"-900 LB VELAN	228.212	AB	114	LH	Y	Y	S	MF	68	NA B	Y
1B21*MOV098C	VALVE M.O. 24"-900 LB VELAN	228.212	AB	114	LH	Y	Y	S	MF	68	NA B	Y
1B21*MOV098D	VALVE M.O. 24"-900 LB VELAN	228.212	AB	114	LH	Y	Y	S	MF	68	NA B	Y

VF \*

1B21*VF011A	20"-900# GATE VALVE VELAN	228.211	DW	122	LH	Y	Y	S	NA	49	NA A1	Y
1B21*VF011B	20"-900# GATE VALVE VELAN	228.211	DW	122	LH	Y	Y	S	NA	49	NA A1	Y





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MASTER LIST OF SAFETY RELATED EQUIPMENT

ENGINEER: STONE & WEBSTER  
NSSS SUPPLIER: GENERAL ELECTRIC

DOCKET NO. 50-458

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

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SYSTEM CCP COMPONENT COOLING - PRIMARY CONTAINMENT OR REACTOR

BOP EQUIPMENT

MOV MOTOR OPERATED VALVE

1CCP*HOV129	12"-150# BUTTERFLY JAMESBURY	228.243	AB	70	LH	Y	NA	D	NA	58	NA	A	Y
1CCP*HOV130	12"-150# BUTTERFLY JAMESBURY	228.243	AB	70	LH	Y	NA	D	NA	58	NA	A	Y
1CCP*HOV138	VALVE H.O. 10"-600 LB VELAN	228.212	AB	114	LH	Y	Y	S	HF	58	NA	A1	Y
1CCP*HOV142	6"-150# BUTTERFLY JAMESBURY	228.243	CT	114	LH	Y	Y	D	NA	58	NA	B	Y
1CCP*HOV143	6"-150# BUTTERFLY JAMESBURY	228.243	CT	114	LH	Y	Y	D	NA	58	NA	B	Y
1CCP*HOV144	6"-150# BUTTERFLY JAMESBURY	228.243	DW	114	LH	Y	Y	D	NA	58	NA	B	Y
1CCP*HOV158	VALVE H.O. 10"-600 LB VELAN	228.212	CT	114	LH	Y	Y	S	HF	58	NA	A1	Y
1CCP*HOV159	VALVE H.O. 10"-600 LB VELAN	228.212	AB	114	LH	Y	Y	S	HF	58	NA	A1	Y
1CCP*HOV16A	12"-150# BUTTERFLY JAMESBURY	228.243	AB	70	LH	Y	NA	D	NA	58	NA	A	Y
1CCP*HOV16B	12"-150# BUTTERFLY JAMESBURY	228.243	AB	70	LH	Y	NA	D	NA	58	NA	A	Y
1CCP*HOV163	VALVE H.O. 2"-1500 LB VELAN	228.214	FB	070	LH	Y	NA	S	HF	78	NA	B	Y
1CCP*HOV169	VALVE H.O. 2"-1500 LB VELAN	228.214	FB	070	LH	Y	NA	S	HF	78	NA	B	Y
1CCP*HOV335	12"-150# BUTTERFLY JAMESBURY	228.243	AB	70	LH	Y	NA	D	NA	58	NA	A	Y
1CCP*HOV336	12"-150# BUTTERFLY JAMESBURY	228.243	AB	70	LH	Y	NA	D	NA	58	NA	A	Y

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JOB NAME RBS - UNIT 1  
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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

-----EQUIPMENT----- ---LOCATION--- ---LOADS--- -QUAL METH- -NAT FREQ- ----RRS REF----  
EQUIP. ID DESCRIPTION SPEC NO. BLDG ELEV MTG SEIS HYDR ANLYS TEST LOWEST ---STATUS---  
MANUFACTURER QUAL INST  
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SYSTEM CCP COMPONENT COOLING - PRIMARY CONTAINMENT OR REACTOR

PT PRESSURE TRANSMITTER

EQUIP. ID	DESCRIPTION	SPEC NO.	BLDG	ELEV	MTG	SEIS	HYDR	ANLYS	TEST	LOWEST	RRS REF	STATUS
1CCP*PT1A	PRESS. TRANSMITT. ROSEHOUNT	247.481	AB	70	RH	Y	NA	NA	HF	48	1 A	Y
1CCP*PT1B	PRESS. TRANSMITT. ROSEHOUNT	247.481	AB	70	RH	Y	NA	NA	HF	48	1 A	Y
1CCP*PT1C	PRESS. TRANSMITT. ROSEHOUNT	247.481	AB	70	RH	Y	NA	NA	HF	48	1 A	Y
1CCP*PT1D	PRESS. TRANSMITT. ROSEHOUNT	247.431	AB	70	RH	Y	NA	NA	HF	48	1 A	Y
1CCP*PT1E	PRESS. TRANSMITT. ROSEHOUNT	247.481	AB	70	RH	Y	NA	NA	HF	48	1 A	Y
1CCP*PT1F	PRESS. TRANSMITT. ROSEHOUNT	247.481	AB	70	RH	Y	NA	NA	HF	48	1 A	Y
1CCP*PT1G	PRESS. TRANSMITT. ROSEHOUNT	247.481	AB	70	RH	Y	NA	NA	HF	48	1 A	Y
1CCP*PT1H	PRESS. TRANSMITT. ROSEHOUNT	247.481	AB	70	RH	Y	NA	NA	HF	48	1 A	Y

RV

EQUIP. ID	DESCRIPTION	SPEC NO.	BLDG	ELEV	MTG	SEIS	HYDR	ANLYS	TEST	LOWEST	RRS REF	STATUS
1CCP*RV151	RELIEF VALVES CROSBY	247.521	RB	123	LH	Y	Y	S	50	157	NA A	Y
1CCP*RV155	RELIEF VALVES CROSBY	247.521	RB	125	LH	Y	Y	S	50	157	NA A	Y
1CCP*RV57A	RELIEF VALVES CROSBY	247.521	FB	80	LH	Y	NA	S	50	239	NA A1	Y
1CCP*RV57B	RELIEF VALVES CROSBY	247.521	FB	88	LH	Y	NA	S	50	239	NA A1	Y
1CCP*RV60A	RELIEF VALVES CROSBY	247.521	AB	83	LH	Y	NA	S	50	239	NA A1	Y
1CCP*RV60B	RELIEF VALVES CROSBY	247.521	AB	83	LH	Y	NA	S	50	239	NA A1	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	-----EQUIPMENT-----		---LOCATION---			---LOADS---		-QUAL METH-		-NAT FREQ-		----RRS REF----		
	DESCRIPTION	SPEC NO.	BLOG	ELEV	MTG	SEIS	HYDR	ANLYS	TEST	LOWFST	---	STATUS---	QUAL	INST
	MANUFACTURER													

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SYSTEM CES COMMON ELECTRICAL

BOP EQUIPMENT  
PNL PANEL

1CES*PNL6A	RACKS FOXBORO/EH	242.444	CB	115	CF	Y	NA	NA	MF	NA	8	A	Y
1CES*PNL6B	RACKS FOXBORO/EH	242.444	CB	115	CF	Y	NA	NA	MF	NA	8	A	Y
1CES*PNL6C	CONTROL BOARDS ELECTRO MECHANICS	242.444	CB	116	DH	Y	NA	S	MF		9	A1	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  
NSSF SUPPLIER: GENERAL ELECTRIC

DOCKET NO. 50-458

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

SYSTEM CHS CONTAINMENT ATMOSPHERE MONITORING

BOP EQUIPMENT  
AT ANALYZER TRANSMITTER

1CHS*AT25A	HYDROGEN ANAL. CONSIP INC.	247.421	AB	141	CF	Y	NA	S	HF	19	4	B	Y
1CHS*AT25B	HYDROGEN ANAL. CONSIP INC	247.421	AB	141	CF	Y	NA	S	HF	19	4	B	Y

LT LEVEL TRANSMITTER

1CHS*LT23A	PRESS TRANSHITT ROSEMOUNT	247.481	CT	98	DH	Y	Y	NA	HF	49	44,46	A	
1CHS*LT23B	PRESS TRANSHITT ROSEMOUNT	247.481	CT	98	DH	Y	Y	NA	HF	49	44,46	A	

PDT DIFFERENTIAL PRESSURE TRANSMITTER

1CHS*PDT29A	PRESS. TRANSHITT. ROSEMOUNT	247.481	AB	141	RH	Y	NA	NA	HF	48	4	A	Y
1CHS*PDT29B	PRESS. TRANSHITT. ROSEMOUNT	247.481	AB	141	RH	Y	NA	NA	HF	48	4	A	Y

PNL PANEL

1CHS*PNL10A	HYDROGEN ANAL. CONSIP INC.	247.421	AB	141	CF	Y	NA	S	HF	19	4	B	
1CHS*PNL10B	HYDROGEN ANAL. CONSIP INC.	247.421	AB	141	CF	Y	NA	S	HF	19	4	B	
1CHS*PNL12A	HYDROGEN ANAL. CONSIP INC.	247.421	AB	141	CF	Y	NA	S	HF	19	4	B	
1CHS*PNL12B	HYDROGEN ANAL. CONSIP INC.	247.421	AB	141	CF	Y	NA	S	HF	19	4	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	SPEC NO.	BLDG	ELEV MTG	SEIS	HYDR	ANLYS	TEST	LOWEST	---STATUS---	QUAL INST
	MANUFACTURER										

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SYSTEM CHS CONTAINMENT ATMOSPHERE MONITORING

PT PRESSURE TRANSMITTER

1CHS*PT2A	PRESS. TRANSMITT. ROSEHOUNT	247.481	AB	141	RH	Y	NA	NA	HF	48	4 A	Y
1CHS*PT2B	PRESS. TRANSMITT. ROSEHOUNT	247.481	AB	141	RH	Y	NA	NA	HF	48	4 A	
1CHS*PT4A	PRESS. TRANSMITT. ROSEHOUNT	247.491	AB	141	RH	Y	NA	NA	HF	48	4 A	Y
1CHS*PT4B	PRESS. TRANSMITT. ROSEHOUNT	247.481	AB	141	RH	Y	NA	NA	HF	48	4 A	

RTD RESISTANCE TEMPERATURE RECORDER

1CHS*RTD24A	THERMOCOUPLES RTD PYCO	247.461	CT	95	DH	Y	Y	NA	HF	50	10 B	Y
1CHS*RTD24B	THERMOCOUPLES RTD PYCO	247.461	CT	95	DH	Y	Y	NA	HF	50	10 B	Y
1CHS*RTD24C	THERMOCOUPLES RTD PYCO	247.461	CT	95	DH	Y	Y	NA	HF	50	10 B	Y
1CHS*RTD24D	THERMOCOUPLES RTD PYCO	247.461	CT	95	DH	Y	Y	NA	HF	50	10 B	Y
1CHS*RTD24E	THERMOCOUPLES RTD PYCO	247.461	CT	95	DH	Y	Y	NA	HF	50	10 B	Y
1CHS*RTD24F	THERMOCOUPLES RTD PYCO	247.461	CT	95	DH	Y	Y	NA	HF	50	10 B	Y
1CHS*RTD24G	THERMOCOUPLES RTD PYCO	247.461	CT	95	DH	Y	Y	NA	HF	50	10 B	Y
1CHS*RTD24H	THERMOCOUPLES RTD PYCO	247.461	CT	95	DH	Y	Y	NA	HF	50	10 B	Y
1CHS*RTD24J	THERMOCOUPLES RTD PYCO	247.461	CT	95	DH	Y	Y	NA	HF	50	10 B	Y
1CHS*RTD24K	THERMOCOUPLES RTD PYCO	247.461	CT	95	DH	Y	Y	NA	HF	50	10 B	Y
1CHS*RTD40A	THERMOCOUPLES RTD PYCO	247.461	CT	95	DH	Y	Y	NA	HF	50	10 B	Y

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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	SPEC NO.	---LOCATION---		---LOADS---		-QUAL METH-		-NAT FREQ-	----RRS REF----	
			BLDG	ELEV HTG	SEIS	HYDR	ANLYS	TEST	LOWEST	---	STATUS---

SYSTEM CMS CONTAINMENT ATMOSPHERE MONITORING

RTD RESISTANCE TEMPERATURE RECORDER

1CHS*RTD40B	THERMOCOUPLES RTD PYCO	247.461	CT	95	DH	Y	Y	NA	MF	50	10 B	Y
1CHS*RTD40C	THERMOCOUPLES RTD PYCO	247.461	CT	95	DH	Y	Y	NA	MF	50	10 B	Y
1CHS*RTD40D	THERMOCOUPLES RTD PYCO	247.461	CT	95	DH	Y	Y	NA	MF	50	10 B	Y
1CHS*RTD41A	THERMOCOUPLES RTD PYCO	247.461	DH	145	DH	Y	Y	NA	MF	50	60.61 B	
1CHS*RTD41B	THERMOCOUPLES RTD PYCO	247.461	DH	145	DH	Y	Y	NA	MF	50	60.61 B	
1CHS*RTD41C	THERMOCOUPLES RTD PYCO	247.461	DH	145	DH	Y	Y	NA	MF	50	60.61 B	
1CHS*RTD41D	THERMOCOUPLES RTD PYCO	247.461	DH	145	DH	Y	Y	NA	MF	50	60.61 B	
1CHS*RTD42A	THERMOCOUPLES RTD PYCO	247.461	CT	167	DH	Y	Y	NA	MF	50	48.49 B	
1CHS*RTD42B	THERMOCOUPLES RTD PYCO	247.461	CT	167	DH	Y	Y	NA	MF	50	48.49 B	
1CHS*RTD42C	THERMOCOUPLES RTD PYCO	247.461	CT	162	DH	Y	Y	NA	MF	50	48 B	
1CHS*RTD42D	THERMOCOUPLES RTD PYCO	247.461	CT	118	DH	Y	Y	NA	MF	50	54.47 B	
1CHS*RTD42E	THERMOCOUPLES RTD PYCO	247.461	CT	118	DH	Y	Y	NA	MF	50	54.47 B	
1CHS*RTD42F	THERMOCOUPLES RTD PYCO	247.461	CT	118	DH	Y	Y	NA	MF	50	54.47 B	
1CHS*RTD42G	THERMOCOUPLES RTD PYCO	247.461	CT	118	DH	Y	Y	NA	MF	50	54.47 B	
1CHS*RTD42H	THERMOCOUPLES RTD PYCO	247.461	CT	118	DH	Y	Y	NA	MF	50	54.47 B	
1CHS*RTD42J	THERMOCOUPLES RTD PYCO	247.461	CT	118	DH	Y	Y	NA	MF	50	54.47 B	
1CHS*RTD42K	THERMOCOUPLES RTD PYCO	247.461	CT	118	DH	Y	Y	NA	MF	50	54.47 B	

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

SYSTEM CHS CONTAINMENT ATMOSPHERE MONITORING

RTD RESISTANCE TEMPERATURE RECORDER

1CHS*RTD43A	THERMOCOUPLES RTD PYCO	247.461	DW	145	DW	Y	Y	NA	HF	50	60.61	B
1CHS*RTD43B	THERMOCOUPLES RTD PYCO	247.461	DW	145	DW	Y	Y	NA	HF	50	60.61	B
1CHS*RTD43C	THERMOCOUPLES RTD PYCO	247.461	DW	145	DW	Y	Y	NA	HF	50	60.61	B
1CHS*RTD43D	THERMOCOUPLES PYCO	247.461	DW	145	DW	Y	Y	NA	HF	50	60.61	B
1CHS*RTD43E	THERMOCOUPLES RTD PYCO	247.461	DW	145	DW	Y	Y	NA	HF	50	60.61	B
1CHS*RTD43F	THERMOCOUPLES RTD PYCO	247.461	DW	145	DW	Y	Y	NA	HF	50	60.61	B

SOV SOLENOID VALVE

1CHS*SOV31A	VALVE 3/4" TARGET ROCK	247.501	AB	141	LH	Y	Y	S	HF		NA	A1
1CHS*SOV31B	VALVE 3/4" TARGET ROCK	247.501	AB	141	LH	Y	Y	S	HF	139	NA	A1
1CHS*SOV31C	VALVE 3/4" TARGET ROCK	247.501	AB	141	LH	Y	Y	S	HF		NA	A1
1CHS*SOV31D	VALVE 3/4" TARGET ROCK	247.501	AB	141	LH	Y	Y	S	HF	139	NA	A1
1CHS*SOV32A	VALVE 3/4" TARGET ROCK	247.501	RB	141	LH	Y	Y	S	HF		NA	A1
1CHS*SOV32G	VALVE 3/4" TARGET ROCK	247.501	RB	141	LH	Y	Y	S	HF		NA	A1
1CHS*SOV33A	VALVE 3/4" TARGET ROCK	247.501	RB	170	LH	Y	Y	S	HF	139	NA	A1
1CHS*SOV33AA	VALVE 3/4" TARGET ROCK	247.501	RB	170	LH	Y	Y	S	HF	139	NA	A1
1CHS*SOV33B	VALVE 3/4" TARGET ROCK	247.501	RB	170	LH	Y	Y	S	HF	139	NA	A1

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

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SYSTEM CMS CONTAINMENT ATMOSPHERE MONITORING

SOV SOLENOID VALVE

1CHS*SOV33BB	VALVE 3/4" TARGET ROCK	247.501	RB	170	LH	Y	Y	S	HF	139	NA A1	
1CHS*SOV33C	VALVE 3/4" TARGET ROCK	247.501	RB	170	LH	Y	Y	S	HF	139	NA A1	Y
1CHS*SOV33D	VALVE 3/4" TARGET ROCK	247.501	RB	170	LH	Y	Y	S	HF	139	NA A1	Y
1CHS*SOV33E	VALVE 3/4" TARGET ROCK	247.501	RB	170	LH	Y	Y	S	HF	139	NA A1	Y
1CHS*SOV33F	VALVE 3/4" TARGET ROCK	247.501	RB	170	LH	Y	Y	S	HF	139	NA A1	Y
1CHS*SOV33G	VALVE 3/4" TARGET ROCK	247.501	RB	170	LH	Y	Y	S	HF	139	NA A1	
1CHS*SOV33H	VALVE 3/4" TARGET ROCK	247.501	RB	170	LH	Y	Y	S	HF	139	NA A1	
1CHS*SOV33J	VALVE 3/4" TARGET ROCK	247.501	RB	170	LH	Y	Y	S	HF	139	NA A1	
1CHS*SOV33K	VALVE 3/4" TARGET ROCK	247.501	RB	170	LH	Y	Y	S	HF	139	NA A1	
1CHS*SOV33S	VALVE 3/4" TARGET ROCK	247.501	RB	170	LH	Y	Y	S	HF	139	NA A1	
1CHS*SOV33T	VALVE 3/4" TARGET ROCK	247.501	PB	170	LH	Y	Y	S	HF	139	NA A1	
1CHS*SOV33U	VALVE 3/4" TARGET ROCK	247.501	RB	170	LH	Y	Y	S	HF	139	NA A1	Y
1CHS*SOV33V	VALVE 3/4" TARGET ROCK	247.501	RB	170	LH	Y	Y	S	HF	139	NA A1	Y
1CHS*SOV33H	VALVE 3/4" TARGET ROCK	247.501	RB	170	LH	Y	Y	S	HF	139	NA A1	
1CHS*SOV33X	VALVE 3/4" TARGET ROCK	247.501	RB	170	LH	Y	Y	S	HF	139	NA A1	
1CHS*SOV33Y	VALVE 3/4" TARGET ROCK	247.501	RB	170	LH	Y	Y	S	HF	139	NA A1	
1CHS*SOV33Z	VALVE 3/4" TARGET ROCK	247.501	RB	170	LH	Y	Y	S	HF	139	NA A1	



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

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SYSTEM CHS CONTAINMENT ATMOSPHERE MONITORING

SOV SOLENOID VALVE

1CHS*SOV34A	VALVE 3/4" TARGET ROCK	247.501	RB	141	LH	Y	Y	S	HF	139	NA	A1
1CHS*SOV34B	VALVE 3/4" TARGET ROCK	247.501	RB	141	LH	Y	Y	S	HF	139	NA	A1
1CHS*SOV34C	VALVE 3/4" TARGET ROCK	247.501	RB	141	LH	Y	Y	S	HF	139	NA	A1
1CHS*SOV34D	VALVE 3/4" TARGET ROCK	247.501	RB	141	LH	Y	Y	S	HF	139	NA	A1
1CHS*SOV35A	VALVE 3/4" TARGET ROCK	247.501	RB	141	LH	Y	Y	S	HF		NA	A1
1CHS*SOV35B	VALVE 3/4" TARGET ROCK	247.501	RB	141	LH	Y	Y	S	HF		NA	A1
1CHS*SOV35C	VALVE 3/4" TARGET ROCK	247.501	RB	141	LH	Y	Y	S	HF		NA	A1
1CHS*SOV35D	VALVE 3/4" TARGET ROCK	247.501	RB	141	LH	Y	Y	S	HF		NA	A1

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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	-----EQUIPMENT-----		---LOCATION---			---LOADS---		-QUAL METH-		-NAT FREQ-	----RRS REF----	
	DESCRIPTION	SPEC NO.	BLDG	ELEV	HTG	SEIS	HYDR	ANLYS	TEST	LOHEST	---	STATUS---

\*\*\*\*\*  
SYSTEM CNS CONDENSATE - MAKE-UP AND DRAHOFF

BOP EQUIPMENT  
MOV MOTOR OPERATED VALVE

1CNS*HOV125	VALVE H.O. 4"-60 LB VELAN	228.212	AB	114	LM	Y	Y	S	HF	52	NA	Y
1CNS*HOV130	VALVE H.O. 4"-600 LB VELAN	228.212	AB	114	LM	Y	Y	S	HF	52	NA	Y

RV

1CNS*RV140	RELIEF VALVES CROSBY	247.521	RB	120	LM	Y	Y	S	50	157	NA	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	EQUIPMENT		LOCATION		LOADS		QUAL METH	NAT FREQ	RRS REF	
	DESCRIPTION	SPEC NO.	BLDG	ELEV MTG	SEIS	HYDR	ANLYS TEST	LOWEST	STATUS	QUAL INST

SYSTEM CPM CONTAINMENT HYDROGEN MIXING

BOP EQUIPMENT  
FN FAN

1CPH*FN1A	MIXING FAN BUFFALO FORGE	215.400	DW	162 CF	Y	Y	S	NA	112	61,128,161 A Y
1CPH*FN1B	MIXING FAN BUFFALO FORGE	215.400	DW	162 CF	Y	Y	S	NA	112	61,128,161 A Y

MOV MOTOR OPERATED VALVE

1CPH*MOV1A	6"-150# BUTTERFLY POSI SEAL	228.241	CT	162 LH	Y	Y	D	NA	34	NA B Y
1CPH*MOV1B	6"-150# BUTTERFLY POSI SEAL	228.241	CT	162 LH	Y	Y	D	NA	34	NA B Y
1CPH*MOV2A	6"-150# BUTTERFLY POSI SEAL	228.241	CT	114 LH	Y	Y	D	NA	34	NA B Y
1CPH*MOV2B	6"-150# BUTTERFLY POSI SEAL	228.241	CT	114 LH	Y	Y	D	NA	34	NA B Y
1CPH*MOV3A	6"-150# BUTTERFLY POSI SEAL	228.241	CT	162 LH	Y	Y	D	NA	34	NA B Y
1CPH*MOV3B	6"-150# BUTTERFLY POSI SEAL	228.241	CT	162 LH	Y	Y	D	NA	34	NA B Y
1CPH*MOV4A	6"-150# BUTTERFLY POSI SEAL	228.241	CT	114 LH	Y	Y	D	NA	34	NA B Y
1CPH*MOV4B	6"-150# BUTTERFLY POSI SEAL	228.241	CT	114 LH	Y	Y	D	NA	34	NA B Y



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	SPEC NO.	BLDG	ELEV	MTG	SEIS	HYDR	ANLYS	TEST	LOADS	QUAL	METH	NAT	FREQ	PPS	REF	STATUS	QUAL	INST	
1CSH*ROSE6	FLEX METAL ROSE MTL BELLONS	247,011	DN	140	LH	Y	S	MF	10									16-48	B	
STR	STRAINER	228,957	CT	70	LH	NA	Y	S	NA	445								NA	A	Y

SYSTEM CSH COPE SPRAY - HIGH PRESSURE

BOP EQUIPMENT  
ROSE

1CSH\*ROSE6

FLEX METAL ROSE  
MTL BELLONS

247,011

DN

140

LH

Y

S

MF

10

16-48  
B

STR

STRAINER  
ZURN INDUSTRIES

228,957

CT

70

LH

NA

Y

S

NA

445

NA  
A

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

SYSTEM CSL CORE SPRAY - LOW PRESSURE

SOP EQUIPMENT  
STR

1CSL*STR1	STRAINER ZURN INDUSTRIES	228.957	CT	70	LM	NA	Y	S	NA	445	NA A	Y
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V

1CSL*V1	16"-300# GATE VALVE VELAN	228.211	AB	73	LH	Y	NA	S	NA	65	NA B	Y
1CSL*V31	16"-300# GATE VALVE VELAN	228.211	AB	73	LH	Y	NA	S	NA		NA D	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	SPEC NO.	BLDG	ELEV	MTG	SEIS	HYDR	ANLYS	TEST	LOWEST	RRS RE/	STATUS	QUAL	INST
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SYSTEM C11 CONTROL ROD DRIVE HYDRAULIC CONTROL SYSTEM

BOP EQUIPMENT  
MOVF

1C11*MOVF083	VALVE H.O. 2"-1500 LB VELAN	228.216	FB	113	LM	Y	Y	S	MF	78	NA	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	SPEC NO.	---LOCATION---			---LOADS---		-QUAL METH- ANLY3 TEST	-NAT FREQ- LOWEST	---RRS REF---	
			BLDG	ELEV	HTG	SEIS	HYDR			STATUS	QUAL INST

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SYSTEM C41 STANDBY LIQUID CONTROL SYSTEM

BOP EQUIPMENT  
MOVF

1C41*MOVF001A	VALVE H.O. 3"-150 LB VELAN	228.216	DW	141	LH	Y	Y	S	HF	62	NA	A	Y
1C41*MOVF001B	VALVE H.O. 3"-150 LB VELAN	228.216	DW	141	LH	Y	Y	S	HF	62	NA	A	Y

RVF

1C41*RVF029A	RELIEF VALVES CROSBY	247.521	RB	141	LH	Y	Y	S	50	268	NA	A1	Y
1C41*RVF029B	RELIEF VALVES CROSBY	247.521	RB	141	LH	Y	Y	S	50	268	NA	A1	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	-----EQUIPMENT----- DESCRIPTION MANUFACTURER	SPEC NO.	---LOCATION---	---LOADS---	-QUAL METH-	-NAT FREQ-	---RRS REF---
			BLDG ELEV HTG	SEIS HYDR	ANLYS TEST	LOWEST	---STATUS---
							QUAL INST

SYSTEM DER DRAINS - REACTOR BLDG EQUIPMENT

BOP EQUIPMENT  
AOV AIR OPERATED VALVE

1DER*AOV126	4"-150# GLOBE FISHER CONTROLS	247.491	CT	134 LM	Y	Y	NA D	Y
1DER*AOV127	4"-150# GLOBE FISHER CONTROLS	247.491	FB	113 LM	Y	Y	NA D	Y

RV

1DER*RV180	RELIEF VALVES CROSBY	247.521	RB	104 LM	Y	Y	S	SO	157	NA A
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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	SPEC NO.	---LOCATION---		---LOADS---		-QUAL METH-		-NAT FREQ-	----RRS REF----	
			BLDG	ELEV MTG	SEIS	HYDR	ANLYS	TEST	LOWEST	---	STATUS---

SYSTEM DFR DRAINS - REACTOR PLANT FLOOR

BOP EQUIPMENT  
AOV AIR OPERATED VALVE

1DFR*AOV101	4"-150# GLOBE FISHER CONTROLS	247.491	CT	123	LM	Y	Y					NA D	
1DFR*AOV102	4"-150# GLOBE FISHER CONTROLS	247.491	AB	114	LH	Y	Y					NA D	Y

LT LEVEL TRANSMITTER

1DFR*LT134	PRESS TRANSHITT ROSEMOUNT	247.481	AB	70	RH	Y	NA	NA	MF	49		1 A	Y
1DFR*LT135	PRESS TRANSHITT ROSEMOUNT	247.481	AB	70	RH	Y	NA	NA	MF	49		1 A	Y
1DFR*LT136	PRESS TRANSHITT ROSEMOUNT	247.481	AB	70	RH	Y	NA	NA	MF	49		1 A	Y
1DFR*LT137	PRESS TRANSHITT ROSEMOUNT	247.481	AB	70	RH	Y	NA	NA	MF	49		1 A	Y
1DFR*LT138	PRESS TRANSHITT ROSEMOUNT	247.481	AB	70	RH	Y	NA	NA	MF	49		1 A	Y
1DFR*LT139	PRESS TRANSHITT ROSEMOUNT	247.481	AB	70	RH	Y	NA	NA	MF	49		1 A	Y

RV

1DFR*RV21	RELIEF VALVES CROSBY	247.521	RB	107	LM	Y	Y	S	SO	157		NA A	
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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  
NSSF SUPPLIER: GENERAL ELECTRIC

DOCKET NO. 50-458

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

SYSTEM EGF GENERATOR STANDBY - FUEL

PNL PANEL

1EGF*PNL101	CONTROL BOARDS ELECTRO MECHANICS	242.444	DG	98	DW	Y	NA	NA	HF	25	13	A	Y
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STR

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1EGF*STR2A	STRAINERS PALL TRINITY MICRO	228.954	DG	98	CF	Y	NA	S	NA	87	12	A	Y
1EGF*STR2B	STRINERS PALL TRINITY MICRO	228.954	DG	98	CF	Y	NA	S	NA	87	12	A	Y
1EGF*STR2C	STRAINERS PALL TRINITY MICRO	228.954	DG	98	CF	Y	NA	S	NA	87	12	A	Y
1EGF*STR2D	STRAINERS PALL TRINITY MICRO	228.954	DG	98	CF	Y	N	S	N	87	12	A	Y
1EGF*STR2E	STRAINERS PALL TRINITY MICRO	228.954	DG	98	CF	Y	NA	S	NA	87	12	A	Y
1EGF*STR2F	STRAINERS PALL TRINITY MICRO	228.954	DG	98	CF	Y	NA	S	NA	87	12	A	Y





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JOB NAME RBS - UNIT 1  
UTILITY GULF STATES

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

ENGINEER: STONE & WEBSTER  
NSSS SUPPLIER: GENERAL ELECTRIC

DOCKET NO. 50-456

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

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SYSTEM EGS GENERATOR STANDBY - SYSTEM

BOP EQUIPMENT  
EG

1EGS*EG1A	DSL GEN MAJOR CORP. DELAVAL	244.700	DG	98	EM	Y	NA	S	SF	NA	13,14	A	Y
1EGS*EG1B	DSL GEN MAJOR CORP. DELAVAL	244.700	DG	98	EM	Y	NA	S	SF	NA	13,14	A	Y

PNL PANEL

1EGS*PNL2A	CONTROL BOARDS ELECTRO MECHANICS	242.444	DG	98	CF	Y	NA	NA	MF		12	B1	Y
1EGS*PNL2B	CONTROL BOARDS ELECTRO MECHANICS	242.444	DG	98	CF	Y	NA	NA	MF		12	B1	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  
NSSF SUPPLIER: GENERAL ELECTRIC

DOCKET NO. 50-458

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

SYSTEM EGT EMERGENCY DIESEL GENERATOR JACKET WATER TEMPERATURE SYSTEM

BOP EQUIPMENT  
E

1EGT*E1A	JACKET WTR COOLER DELAVAL	244.700	DG	98	EH	Y	NA	S	NA	60	13,14	A Y
1EGT*E1B	JACKET WTR COOLER DELAVAL	244.700	DG	98	EH	Y	NA	S	NA	60	13,14	A Y

P PUMP

1EGT*P1A	JACKET WTR KEEP WARM PUMP DELAVAL	244.700	DG	98	EH	Y	NA	NA	HF	>15	13,14	A Y
1EGT*P1B	JACKET WTR KEEP WARM PUMP DELAVAL	244.700	DG	98	EH	Y	NA	NA	HF	>15	13,14	A 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	SPEC NO.	---LOCATION---			---LOADS---		-QUAL METH-	-NAT FREQ-	---RRS REF---	
			BLDG	ELEV	MTG	SEIS	HYDR			ANLYS	TES

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SYSTEM EHS MOTOR CONTROL CENTER STANDBY SYSTEM

BOP EQUIPMENT

MCC MOTOR CONTROL CENTER

1EHS*MCC14A	MOTOR CONTROL CENTERS GOULD, INC.	242.562	CB	98	CF	Y	NA	NA	MF	5	7	A1	Y
1EHS*MCC14B	MOTOR CONTROL CENTERS GOULD, INC.	242.562	CB	98	CF	Y	NA	NA	MF	5	7	A1	Y
1EHS*MCC15A	MOTOR CONTROL CENTERS GOULD, INC.	242.562	DG	98	CF	Y	NA	NA	MF	5	12	A1	Y
1EHS*MCC15B	MOTOR CONTROL CENTERS GOULD, INC.	242.562	DG	98	CF	Y	NA	NA	MF	5	12	A1	Y
1EHS*MCC16A	MOTOR CONTROL CENTERS GOULD, INC.	242.562	SH-CL	118	CF	Y	NA	NA	MF	5	31	A1	Y
1EHS*MCC16B	MOTOR CONTROL CENTERS GOULD, INC.	242.562	SH-CL	118	CF	Y	NA	NA	MF	5	31	A1	Y
1EHS*MCC2A	MOTOR CONTROL CENTERS GOULD, INC.	242.562	AB	141	CF	Y	NA	NA	MF	5	4	A1	Y
1EHS*MCC2B	MOTOR CONTROL CENTERS GOULD, INC.	242.562	AB	141	CF	Y	NA	NA	MF	5	4	A1	Y
1EHS*MCC2C	MOTOR CONTROL CENTERS GOULD, INC.	242.562	AB	141	CF	Y	NA	NA	MF	5	4	A1	Y
1EHS*MCC2D	MOTOR CONTROL CENTERS GOULD, INC.	242.562	AB	141	CF	Y	NA	NA	MF	5	4	A1	Y
1EHS*MCC2E	MOTOR CONTROL CENTERS GOULD, INC.	242.562	AB	141	CF	Y	NA	NA	MF	5	4	A1	Y
1EHS*MCC2F	MOTOR CONTROL CENTERS GOULD, INC.	242.562	AB	141	CF	Y	NA	NA	MF	5	4	A1	Y
1EHS*MCC2G	MOTOR CONTROL CENTERS GOULD, INC.	242.562	AB	141	CF	Y	NA	NA	MF	5	4	A1	Y
1EHS*MCC2H	MOTOR CONTROL CENTERS GOULD, INC.	242.562	AB	114	CF	Y	NA	NA	MF	5	3	A1	Y
1EHS*MCC2J	MOTOR CONTROL CENTERS GOULD, INC.	242.562	AB	141	CF	Y	NA	NA	MF	5	4	A1	Y
1EHS*MCC2K	MOTOR CONTROL CENTERS GOULD, INC.	242.562	AB	141	CF	Y	NA	NA	MF	5	4	A1	Y
1EHS*MCC2L	MOTOR CONTROL CENTERS GOULD, INC.	242.562	AB	141	CF	Y	NA	NA	MF	5	4	A1	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	-----EQUIPMENT-----		---LOCATION---			---LOADS---		QUAL METH-	NAT FREQ-	----RRS REF----	
	DESCRIPTION	SPEC NO.	BLDG	ELEV	MTG	SEIS	HYDR	ANLYS	TEST	LOWEST	---STATUS---

SYSTEM EJS UNIT SUBSTATION STANDBY SYSTEM

BOP EQUIPMENT  
LDC LOAD CENTER

1EJS*LDC1A	LOAD CENTER POWELL ELECTRIC	242.533	CB	098	CF	Y	NA	NA	HF	5	7	A	Y
1EJS*LDC1B	LOAD CENTER POWELL ELECTRIC	242.533	CB	098	CF	Y	NA	NA	HF	5	7	A	Y
1EJS*LDC2A	LOAD CENTER POWELL ELECTRIC	242.533	AB	141	CF	Y	NA	NA	HF	5	4	A	Y
1EJS*LDC2B	LOAD CENTER POWELL ELECTRIC	242.533	AB	141	CF	Y	NA	NA	HF	5	4	A	Y

X

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1EJS*X1A	TRANSFORMER POWELL ELECTRIC	242.533	CB	098	CF	Y	NA	NA	HF	11	7	A	Y
1EJS*X1B	TRANSFORMER POWELL ELECTRIC	242.533	AB	141	CF	Y	NA	NA	HF	11	4	A	Y
1EJS*X2A	TRANSFORMER POWELL ELECTRIC	242.533	CB	098	CF	Y	NA	NA	HF	11	7	A	Y
1EJS*X2B	TRANSFORMER POWELL ELECTRIC	242.533	AB	141	CF	Y	NA	NA	HF	11	4	A	Y
1EJS*X3A	TRANSFORMER POWELL ELECTRIC	242.533	SW-CL	143	CF	Y	NA	S	MF	63	33	A	Y
1EJS*X3B	TRANSFORMER POWELL ELECTRIC	242.533	SW-CL	143	CF	Y	NA	S	MF	63	33	A	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	-----EQUIPMENT-----		---LOCATION---			---LOADS---		-QUAL METH-		-NAT FREQ-	----RRS REF----	
	DESCRIPTION	SPEC NO.	BLDG	ELEV	MTG	SEIS	HYDR	ANLYS	TEST	LOWEST	--- <th>QUAL INST</th>	QUAL INST
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SYSTEM ENB SHGR STANDBY 4160V - DC CONTROL SUPPLY

BOP EQUIPMENT  
BAT BATTERY

1ENB*BAT01A	STORAGE BATTERY GOULD	244.521	CB	116	CF	Y	NA	S	HF	>10	8 A	Y
1ENB*BAT01B	STORAGE BATTERY GOULD	244.521	CB	116	CF	Y	NA	S	HF	>10	8 A	Y

CHGR BATTERY CHARGER

1ENB*CHGR1A	BATT. CHARGER POWER CONVERS. PROD.	244.523	CB	116	CF	Y	NA	NA	HF	16	8 A	Y
1ENB*CHGR1B	BATT. CHARGER POWER CONVERS. PROD.	244.523	CB	116	CF	Y	NA	NA	HF	16	8 A	Y

INV

1ENB*INV01A	INVERTER ELGAR CORP.	244.512	CB	116	CF	Y	NA	NA	HF		8,9 A1	Y
1ENB*INV01B	INVERTER ELGAR CORP.	244.512	CB	116	CF	Y	NA	NA	HF		8,9 A1	Y

HCC MOTOR CONTROL CENTER

1ENB*HCC1	MOTOR CONTROL CENTERS GOULD, INC.	242.562	AB	95	CF	Y	NA	NA	HF	5	2 A1	Y
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PNL PANEL

1ENB*PNL02A	PANEL BOARDS SQUARE "D" CO.	242.421	CB	136	DH	Y	NA	NA	SF	18	9 A	Y
1ENB*PNL02B	PANEL BOARDS SQUARE "D" CO.	242.421	CB	136	DH	Y	NA	NA	SF	18	9 A	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	-----EQUIPMENT-----		---LOCATION---			---LOADS---		-QUAL METH-	-NAT FREQ-	----RRS REF----	
	DESCRIPTION	SPEC NO.	BLDG	ELEV	MTG	SEIS	HYDR			ANLYS	TEST

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SYSTEM ENB SHGR STANDBY 4160V - DC CONTROL SUPPLY

PNL PANEL

1ENB*PNL03A	PANEL BOARDS SQUARE "D" CO.	242.421	DG	98	DW	Y	NA	NA	SF	18	12	A	Y
1ENB*PNL03B	PANEL BOARDS SQUARE "D" CO.	242.421	DG	98	DW	Y	NA	NA	SF	18	12	A	Y

SHG SWITCHGEAR

1ENB*SHG01A	SWITCHGEAR BROWN-BOVERI	242.521	CB	098	CF	Y	NA	NA	HF	6	7	A	Y
1ENB*SHG01B	SWITCHGEAR BROWN-BOVERI	242.521	CB	098	CF	Y	NA	NA	HF	6	7	A	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	-----EQUIPMENT-----		---LOCATION---			---LOADS---		-QUAL METH-		-NAT FREQ-	----RRS REF----	
	DESCRIPTION	SPEC NO.	BLDG	ELEV	MTG	SEIS	HYDR	ANLYS	TEST	LOWEST	---STATUS---	QUAL INST

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SYSTEM ENS SHGR STANDBY 4160V - SYSTEM

BOP EQUIPMENT  
SHG SWITCHGEAR

1ENS*SWG1A	SWITCHGEAR BROWN-BOVERI	242.521	CB	098	CF	Y	NA	NA	MF	14	7	A	Y
1ENS*SWG1B	SWITCHGEAR BROWN-BOVERI	242.521	CB	098	CF	Y	NA	NA	MF	14	7	A	Y
1ENS*SWG2A	SWITCHGEAR BROWN-BOVERI	242.521	DG	098	CF	Y	NA	NA	MF	8	12	A	Y
1ENS*SWG2B	SWITCHGEAR BROWN-BOVERI	242.521	DG	098	CF	Y	NA	NA	MF	8	12	A	Y
1ENS*SWG3A	SWITCHGEAR BROWN-BOVERI	242.521	FB	095	CF	Y	NA	NA	MF	8	17	A	Y
1ENS*SWG3B	SWITCHGEAR BROWN-BOVERI	242.521	AB	114	CF	Y	NA	NA	MF	8	3	A	Y
1ENS*SWG4A	SWITCHGEAR BROWN-BOVERI	242.521	FB	095	CF	Y	NA	NA	MF	8	17	A	Y
1ENS*SWG4B	SWITCHGEAR BROWN-BOVERI	242.521	AB	114	CF	Y	NA	NA	MF	8	3	A	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  
NSSF SUPPLIER: GENERAL ELECTRIC

DOCKET NO. 50-458

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

SYSTEM E12 RESIDUAL HEAT REMOVAL

BOP EQUIPMENT  
AOVF \*

1E12*AOVF041A	CHECK VALVES ATHOOD & MORRILL CO.	228.218	DW	114	LH	Y	Y	S	HF	108	NA A	Y
1E12*AOVF041B	CHECK VALVES ATHOOD & MORRILL CO.	228.218	DW	114	LH	Y	Y	S	HF	108	NA A	Y
1E12*AOVF041C	CHECK VALVES ATHOOD & MORRILL CO.	228.218	DW	114	LH	Y	Y	S	HF	108	NA A	Y
1E12*ACVF098	CHECK VALVES ATHOOD & MORRILL CO.	228.218	AB	70	LH	Y	NA	S	MF	47	NA A	Y

LVF \*

1E12*LVF065A	2"-300# GLOBE FISHER CONTROLS	247.491	AB	070	LH	Y	NA				NA D	Y
1E12*LVF065B	2"-300# GLOBE FISHER CONTROLS	247.491	AB	070	LH	Y	NA				NA D	Y

MOV MOTOR OPERATED VALVE

1E12*MOV027A	VALVE H.O. 10"-600 LB VELAN	228.212	AB	114	LH	Y	Y	S	HF	58	NA A1	Y
1E12*MOV027B	VALVE H.O. 10"-600 LB VELAN	228.212	AB	114	LH	Y	Y	S	HF	58	NA A1	Y
1E12*MOV094	VALVE H.O. 10"-600 LB VELAN	228.212	AB	78	LH	Y	Y	S	HF	58	NA A	Y
1E12*MOV105	VALVE H.O. 20"-150 LB VELAN	228.212	AB	070	LH	Y	Y	S	HF	64	NA A	Y
1E12*MOV52A	VALVE H.O. 8"-900 LB VELAN	228.212	AB	114	LH	Y	Y	S	HF	99	NA B	Y
1E12*MOV52B	VALVE H.O. 8"-900 LB VELAN	228.212	AB	114	LH	Y	NA	S	MF	87	NA A	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	-----EQUIPMENT-----		---LOCATION---		---LOADS---		-QUAL METH-		-NAT FREQ-		----RRS REF----	
	DESCRIPTION	SPEC NO.	BLDG	ELEV MTG	SEIS	HYDR	ANLYS	TEST	LOWEST	---	STATUS---	QUAL INST

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SYSTEM E12 RESIDUAL HEAT REMOVAL

MOVF

\*

1E12*MOVF003A	VALVE H.O. 14"-300 LB VELAN	228.212	AB	070	LH	Y	Y	S	MF	48	NA	
1E12*MOVF003B	VALVE H.O. 14"-300 LB VELAN	228.212	AB	070	LH	Y	Y	S	MF	48	NA	Y
1E12*MOVF004A	VALVE H.O. 20"-300 LB VELAN	228.212	AB	070	LH	Y	Y	S	MF	64	NA	Y
1E12*MOVF004B	VALVE H.O. 20"-300 LB VELAN	228.212	AB	070	LH	Y	Y	S	MF	64	NA	Y
1E12*MOVF006A	VALVE H.O. 12"-300 LB VELAN	228.212	AB	070	LH	Y	Y	S	MF	65	NA	Y
1E12*MOVF006B	VALVE H.O. 12"-300 LB VELAN	228.212	AB	070	LH	Y	Y	S	MF	65	NA	Y
1E12*MOVF008	VALVE H.O. 18"-600 LB VELAN	228.212	AB	070	LH	Y	Y	S	MF	44	NA	Y
1E12*MOVF009	VALVE H.O. 18"-600 LB VELAN	228.212	AB	095	LH	Y	Y	S	MF	44	NA	Y
1E12*MOVF011A	VALVE H.O. 4"-600 LB VELAN	228.212	AB	095	LH	Y	Y	S	MF	52	NA	Y
1E12*MOVF011B	VALVE H.O. 4"-600 LB VELAN	228.212	AB	095	LH	Y	Y	S	MF	52	NA	Y
1E12*MOVF021	VALVE H.O. 14"-300 LB VELAN	228.212	AB	095	LH	Y	Y	S	MF	48	NA	Y
1E12*MOVF023	VALVE H.O. 4"-900 LB VELAN	228.212	AB	095	LH	Y	Y	S	MF	48	NA	Y
1E12*MOVF024A	VALVE H.O. 14"-300 LB VELAN	228.212	AB	095	LH	Y	Y	S	MF	68	NA	Y
1E12*MOVF024B	VALVE H.O. 14"-300 LB VELAN	228.212	AB	095	LH	Y	Y	S	MF	68	NA	Y
1E12*MOVF026A	VALVE H.O. 4"-60 LB VELAN	228.212	AB	076	LH	Y	Y	S	MF	52	NA	Y
1E12*MOVF026B	VALVE H.O. 4"-60 LB VELAN	228.212	AB	076	LH	Y	Y	S	MF	52	NA	Y
1E12*MOVF037A	VALVE H.O. 10"-300 LB VELAN	228.212	AB	114	LH	Y	Y	S	MF	67	NA	Y



10/17/84

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	SPEC NO.	---LOCATION---			---LOADS---		-QUAL METH- TEST	-NAT FREQ- LOWEST	---RRS REF---	
			BLDG	ELEV	MTG	SEIS	HYDR			---STATUS---	QUAL

SYSTEM E12 RESIDUAL HEAT REMOVAL

MOVF

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1E12*HOVF037B	VALVE H.O. 10"-300 LB VELAN	228.212	AB	114	LH	Y	Y	S	HF	67	NA B	Y
1E12*HOVF040	VALVE H.O. 6"-500 LB VELAN	228.212	AB	076	LH	Y	NA	S	HF	65	NA A	Y
1E12*HOVF042A	VALVE H.O. 10"-600 LB. VELAN	228.212	AB	114	LH	Y	Y	S	HF	58	NA B	Y
1E12*HOVF042B	VALVE H.O. 10"-600 LB VELAN	228.212	AB	114	LH	Y	Y	S	HF	58	NA B	Y
1E12*HOVF042C	VALVE H.O. 10"-600 LB VELAN	228.212	AB	114	LH	Y	Y	S	HF	58	NA B	Y
1E12*HOVF047A	VALVE H.O. 14"-600 LB VELAN	228.212	AB	095	LH	Y	NA	B	HF	66	NA A	Y
1E12*HOVF047B	VALVE H.O. 14"-600 LB VELAN	228.212	AB	095	LH	Y	NA	S	HF	68	NA A	Y
1E12*HOVF048A	VALVE H.O. 14"-300 LB VELAN	228.212	AB	070	LH	Y	Y	S	HF	48	NA A	Y
1E12*HOVF048B	VALVE H.O. 14"-300 LB VELAN	228.212	AB	070	LH	Y	Y	S	HF	48	NA A	Y
1E12*HOVF049	VALVE H.O. 6"-600 LB VELAN	228.212	AB	076	LH	Y	Y	S	HF	54	NA B	Y
1E12*HOVF053A	VALVE H.O. 10"-900 LB VELAN	228.212	AB	095	LH	Y	Y	S	HF	72	NA B	Y
1E12*HOVF053B	VALVE H.O. 10"-900 LB VELAN	228.212	AB	095	LH	Y	NA	S	HF	72	NA B	Y
1E12*HOVF064A	VALVE H.O. 4"-60 LB VELAN	228.212	AB	076	LH	Y	NA	S	HF	52	NA A	Y
1E12*HOVF064B	VALVE H.O. 4"-60 LB VELAN	228.212	AB	076	LH	Y	Y	S	HF	52	NA B	Y
1E12*HOVF064C	VALVE H.O. 4"-60 LB VELAN	228.212	AB	076	LH	Y	NA	S	HF	52	NA A	Y
1E12*HOVF068A	18"-155# BUTTERFLY JAMESBURY	228.243	PT	70	LH	Y	NA	D	NA	52	NA A	Y
1E12*HOVF068B	18"-155# BUTTERFLY JAMESBURY	228.243	PT	70	LH	Y	NA	D	NA	52	NA A	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	SPEC NO.	---LOCATION---		---LOADS---		-QUAL METH-	-NAT FREQ-	---RRS REF---	
			BLDG	ELEV HTG	SEIS	HYDR			ANLYS	TEST

SYSTEM E12 RESIDUAL HEAT REMOVAL

*****											
HOVF											*
1E12*HOVF087A	VALVE H.O. 8"-900 LB VELAN	228.212	AB	095 LH	Y	Y	S	MF	87	NA B	Y
1E12*HOVF087B	VALVE H.O. 8"-900 LB VELAN	228.212	AB	095 LH	Y	NA	S	MF	87	NA B	Y
1E12*HOVF096	VALVE H. O. 10"-600 LB VELAN	228.212	AB	076 LH	Y	Y	S	MF	58	NA A	Y
1E12*HOVF73A	VALVE H.O. 2"-1500 LB VELAN	228.214	AB	095 LH	Y	Y	S	MF	78	NA A	Y
1E12*HOVF73B	VALVE H.O. 2"-1500 LB VELAN	228.214	AB	095 LH	Y	Y	S	MF	78	NA A	Y
1E12*HOVF74A	VALVE H.O. 2"-1500 LB VELAN	228.214	AB	095 LH	Y	NA	S	MF	78	NA A	Y
1E12*HOVF74B	VALVE H.O. 2"-1500 LB VELAN	228.214	AB	095 LH	Y	NA	S	MF	78	NA A	Y

PC											*
1E12*PC003	CENTRIFUGAL PUMPS GOULD PUMPS	237.160	AB	78 DM	Y	NA	S	NA	41	2 A	Y

PVF											*
1E12*PVF051A	4"-900# GLOBE FISHER CONTROLS	247.491	AB	114 LM	Y	Y	S	NA		NA A	Y
1E12*PVF051B	4"-900# GLOBE FISHER CONTROLS	247.491	AB	114 LM	Y	Y	S	NA		NA A	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	-----EQUIPMENT-----	SPEC NO.	---LOCATION---		---LOADS---		-QUAL METH-	-NAT FREQ-	---RRS REF---	
	DESCRIPTION MANUFACTURER		BLDG	ELEV MTG	SEIS	HYDR			ANLYS TEST	LOWEST

SYSTEM E12 RESIDUAL HEAT REMOVAL

RVF

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1E12*RVF005	RELIEF VALVES CROSBY	247.521	AB	78	LH	Y	NA	S	50	342	NA	A1	Y
1E12*RVF017A	RELIEF VALVES CROSBY	247.521	AB	70	LH	Y	NA	S	50	342	NA	A1	Y
1E12*RVF017B	RELIEF VALVES CROSBY	247.521	AB	70	LH	Y	NA	S	50	342	NA	A1	Y
1E12*RVF025A	RELIEF VALVES CROSBY	247.521	AB	98	LH	Y	NA	S	50	296	NA	A	Y
1E12*RVF025B	RELIEF VALVES CROSBY	247.521	AB	95	LH	Y	NA	S	50	296	NA	A	Y
1E12*RVF025C	RELIEF VALVES CROSBY	247.521	AB	106	LH	Y	NA	S	50	296	NA	A	Y
1E12*RVF030	RELIEF VALVES CROSBY	247.521	AB	70	LH	Y	NA	S	50	239	NA	A1	Y
1E12*RVF036	RELIEF VALVES CROSBY	247.521	AB	84	LH	Y	NA	S	50	98	NA	A1	Y
1E12*RVF055A	RELIEF VALVES CROSBY	247.521	AB	106	LH	Y	NA	S	50	123	NA	A1	Y
1E12*RVF055B	RELIEF VALVES CROSBY	247.521	AB	106	LH	Y	NA	S	50	123	NA	A1	Y
1E12*RVF100A	RELIEF VALVES CROSBY	247.521	AB	85	LH	Y	NA	S	50	268	NA	A1	Y
1E12*RVF100B	RELIEF VALVES CROSBY	247.521	AB	85	LH	Y	NA	S	50	268	NA	A1	Y
1E12*RVF101	RELIEF VALVES CROSBY	247.521	AB	70	LH	Y	NA	S	50	239	NA	A1	Y

SOVF

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1E12*SOVF060A	VALVE 3/4" TARGET ROCK	247.501	AB	70	LH	Y	NA	S	MF	139	NA	A	Y
1E12*SOVF060B	VALVE 3/4" TARGET ROCK	247.501	AB	70	LH	Y	NA	S	MF	139	NA	A	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  
HSSS SUPPLIER: GENERAL ELECTRIC

DOCKET NO. 50-458

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

SYSTEM E12 RESIDUAL HEAT REMOVAL

SOVF

1E12*SOVF075A	VALVE 3/4" TARGET ROCK		247.501	AB	70	LH	Y	NA	S	HF	139	NA A	Y
1E12*SOVF075B	VALVE 3/4" TARGET ROCK		247.501	AB	70	LH	Y	NA	S	HF	139	NA A	Y
1E12*SOVF095	VALVE 3/4" TARGET ROCK		247.501	AB	70	LH	Y	NA	S	HF	139	NA A	Y

VF

1E12*VF007	10"-600 GATE VALVE VELAN		228.211	DW	141	LH	Y	Y	S	NA		NA D	
1E12*VF010	18"-600 GATE VALVE VELAN		228.211	DW	95	LH	Y	Y	S	NA		NA D	Y
1E12*VF029A	14"-300# GATE VALVE VELAN		228.211	AB	73	LH	Y	NA	S	NA	>33	NA A	Y
1E12*VF029B	14"-300# GATE VALVE VELAN		228.211	AB	73	LH	Y	NA	S	NA	>33	NA A	Y
1E12*VF029C	14"-300# GATE VALVE VELAN		228.211	AB	76	LH	Y	NA	S	NA	>33	NA A	Y
1E12*VF039A	10"-600# GATE VALVE VELAN		228.211	DW	136	LH	Y	Y	S	NA		NA D	Y
1E12*VF039B	10"-600# GATE VALVE VELAN		228.211	DW	136	LH	Y	Y	S	NA		NA D	Y
1E12*VF039C	10"-600# GATE VALVE VELAN		228.211	DW	136	LH	Y	Y	S	NA		NA D	Y
1E12*VF067	14"-300# GATE VALVE VELAN		228.211	AB	76	LH	Y	NA	S	NA	>33	NA A	Y
1E12*VF099A	8"-300# GATE VALVE VELAN		228.211	CT	125	LH	Y	Y	S	NA	87	NA A	Y
1E12*VF099B	8"-300# GATE VALVE VELAN		228.211	CT	122	LH	Y	Y	S	NA	97	NA A	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	SPEC NO.	---LOCATION---			---LOADS---		-QUAL METH-	-NAT FREQ-	---RRS REF---	---STATUS---	
			BLDG	ELEV	HTG	SEIS	HYDR				ANLYS	TEST

SYSTEM E21 CORE SPRAY - LOW PRESSURE

BOP EQUIPMENT  
AOVF \*

1E21*AOVF006	CHECK VALVES ATHOOD & MORRILL CO.	228.218	DW	141	LH	Y	Y	S	HF	108	NA A	Y
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HOVF \*

1E21*HOVF001	VALVE M.O. 20"-300 LB VELAN	228.212	AB	070	LH	Y	Y	S	HF	64	NA B	Y
1E21*HOVF005	VALVE M.O. 10"-600 LB VELAN	228.212	AB	114	LH	Y	Y	S	HF	58	NA B	Y
1E21*HOVF011	VALVE M.O. 4"-600 LB VELAN	228.212	AB	095	LH	Y	Y	S	HF	52	NA A	Y
1E21*HOVF012	VALVE M.O. 10"-300 LB VELAN	228.212	AB	095	LH	Y	Y	S	HF	67	NA B	Y

PC \*

1E21*PC002	CENTRIFUGAL PUMPS GOULD PUMPS	237.160	AB	78	DH	Y	NA	S	NA	41	2 A	Y
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RVF \*

1E21*RVF018	RELIEF VALVES CROSBY	247.521	AB	70	LH	Y	NA	S	SO	296	NA A1	Y
1E21*RVF031	RELIEF VALVES CROSBY	247.521	AB	70	LH	Y	NA	S	SO	168	NA A1	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. 50-958

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

\*\*\*\*\*  
SYSTEM E22 CORE SPRAY - HIGH PRESSURE

BOP EQUIPMENT  
AOVF

1E22*AOVF005	CHECK VALVES ATHOOD & MORRILL CO.	228.218	DW	141	LH	Y	Y	S	HF	108	NA A	Y
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PC

1E22*PC003	CENTRIFUGAL PUMPS GOULD PUMPS	237.160	AB	78	DM	Y	NA	S	NA	41	2 A	Y
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RVF

1E22*RVF014	RELIEF VALVES CROSBY	247.521	AB	70	LH	Y	NA	S	SO	268	NA A1	Y
1E22*RVF035	RELIEF VALVES CROSBY	247.521	AB	70	LH	Y	NA	S	SO	699	NA A1	Y
1E22*RVF039	RELIEF VALVES CROSBY	247.521	AB	70	LH	Y	NA	S	SO	699	NA A1	Y

VF

1E22*VF036	10"-900# GATE VALVE VELAN	228.211	DW	141	LH	Y	Y	S	NA	151	NA 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	-----EQUIPMENT-----		---LOCATION---			---LOADS---		-QUAL METH-		-NAT FREQ-	----RRS REF----	
	DESCRIPTION MANUFACTURER	SPEC NO.	BLDG	ELEV	HTG	SEIS	HYDR	ANLYS	TEST	LOWEST	---STATUS---	QUAL INST
*****												
SYSTEM E33 MAIN STEAM ISOLATION VALVE SEALS												
BOP EQUIPMENT												
HOVF *												
1E33*HOVF005	VALVE H.O. 2"-1500 LB VELAN	228.214	AB	141	LM	Y	NA	S	MF	78	NA B	Y
1E33*HOVF006	VALVE H.O. 2"-1500 LB VELAN	228.214	AB	141	LM	Y	NA	S	MF	78	NA B	Y
1E33*HOVF007	VALVE H.O. 2"-1500 LB VELAN	228.214	AB	141	LM	Y	NA	S	MF	78	NA B	Y
1E33*HOVF008	VALVE H.O. 2"-1500 LB VELAN	228.214	AB	141	LM	Y	NA	S	MF	78	NA B	Y
1E33*HOVF025	VALVE H.O. 2"-1500 LB VELAN	228.214	AB	141	LM	Y	NA	S	MF	78	NA B	Y
1E33*HOVF026	VALVE H.O. 2"-1500 LB VELAN	228.214	AB	141	LM	Y	NA	S	MF	78	NA B	Y
1E33*HOVF027	VALVE H.O. 2"-1500 LB VELAN	228.214	AB	141	LM	Y	NA	S	MF	78	NA B	Y
1E33*HOVF028	VALVE H.O. 2"-1500 LB VELAN	228.214	AB	141	LM	Y	NA	S	MF	78	NA B	Y
PVF *												
1E33*PVF002	1"-150# GLOBE COPEES VULCAN	247.497	AB	114	LM	Y	NA	S	NA	81	NA B	Y
1E33*PVF022	1"-150# GLOBE COPEES VULCAN	247.497	AB	114	LM	Y	NA	S	NA	81	NA B	Y
RVF *												
1E33*RVF003	RELIEF VALVES CROSBY	247.521	AB	141	LM	Y	NA	S	SO	239	NA A1	
1E33*RVF023	RELIEF VALVES CROSBY	247.521	AB	141	LM	Y	NA	S	SO	239	NA A1	



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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	-----EQUIPMENT-----		---LOCATION---		---LOADS---		-QUAL METH-		-NAT FREQ-	----RRS REF----	
	DESCRIPTION MANUFACTURER	SPEC NO.	BLDG	ELCV MTG	SEIS	HYDR	ANLYS	TEST	LOWEST	---	STATUS---

SYSTEM E51 REACTOR CORE ISOLATION COOLING SYSTEM

BOP EQUIPMENT  
AOVF \*

1E51*AOVF004	1"-150# GLOBE FISHER CONTROLS	247.491	AB	70	LH	Y	NA				NA	D	Y
1E51*AOVF005	1"-150# GLOBE FISHER CONTROLS	247.491	AB	70	LH	Y	NA				NA	D	Y
1E51*AOVF025	1"-1500# GLOBE FISHER CONTROLS	247.491	AB	70	LH	Y	NA				NA	D	Y
1E51*AOVF026	1"-150# GLOBE FISHER CONTROLS	247.491	AB	70	LH	Y	NA				NA	D	Y
1E51*AOVF054	1"-1500# GLOBE FISHER CONTROLS	247.491	AB	70	LH	Y	NA				NA	D	Y
1E51*AOVF65	CHECK VALVES ATHOOD & MORRILL CO.	228.218	AB	114	LH	Y	Y	S	HF	38	NA	A	Y
1E51*AOVF66	CHECK VALVES ATHOOD & MORRILL CO.	228.218	DW	173	LH	Y	Y	S	HF	38	NA	A	Y

HOVF \*

1E51*HOVF010	VALVE H.O. 6"-600 LB VELAN	228.212	AB	077	LH	Y	NA	S	HF	54	NA	A	Y
1E51*HOVF013	VALVE H.O. 6"-900 LB VELAN	228.212	AB	095	LH	Y	Y	S	HF	58	NA	B	Y
1E51*HOVF019	VALVE H.O. 2"-1500 LB VELAN	228.214	AB	095	LH	Y	Y	S	HF	70	NA	A	Y
1E51*HOVF022	VALVE H.O. 4"-900 LB VELAN	228.212	AB	077	LH	Y	NA	S	HF	48	NA	B	Y
1E51*HOVF031	VALVE H.G. 6"-600 LB VELAN	228.212	AB	070	LH	Y	Y	S	HF	54	NA	B	Y
1E51*HOVF045	VALVE H.O. 4"-900 LB VELAN	228.212	AB	070	LH	Y	NA	S	HF	48	NA	A	Y
1E51*HOVF046	VALVE H.O. 2"-1500 LB VELAN	228.214	AB	070	LH	Y	NA	S	HF	70	NA	B	Y
1E51*HOVF059	VALVE H.O. 4"-900 LB VELAN	228.212	AB	077	LH	Y	NA	S	HF	44	NA	A	Y

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

SYSTEM E51 REACTOR CORE ISOLATION COOLING SYSTEM

MOVF \*

1E51*MOV063	VALVE H.O. 8"-600 LB VELAN	228.212	CT	122	LH	Y	Y	S	MF	49	NA B	Y
1E51*MOV064	VALVE H.O. 8"-600 LB VELAN	228.212	AB	114	LH	Y	Y	S	MF	49	NA B	Y
1E51*MOV068	VALVE H.O. 12"-300 LP VELAN	228.212	AB	095	LH	Y	Y	S	MF	79	NA A	Y
1E51*MOV076	VALVE H.O. 3/4"-1500 LB VELAN	228.214	CT	114	LH	Y	Y	S	MF	50	NA A	Y
1E51*MOV077	VALVE H.O. 1.5"-1500 LB VELAN	228.214	AB	095	LH	Y	NA	S	MF	61	NA A	Y
1E51*MOV078	VALVE H.O. 2.5"-150 LB VELAN	228.212	AB	095	LH	Y	Y	S	MF		NA C	Y

PC \*

1E51*PC003	CENTRIFUGAL PUMPS GOULD PUMPS	237.160	AB	70	CF	Y	NA	S	NA	41	2 A	Y
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PCV PRESSURE CONTROL VALVE

1E51*PCV015	1"-1500# GLOBE FISHER CONTROLS	247.491	AB	070	LH	Y	NA				NA D	Y
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PCVF \*

1E51*PCVF015	VALVE - 1" TARGET ROCK	247.501	AB	70	LH	Y	NA	S	MF		NA A1	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	-----EQUIPMENT-----		---LOCATION---			---LOADS---		-QUAL METH-		-NAT FREQ-	----RRS REF----	
	DESCRIPTION	SPEC NO.	BLDG	ELEV	HTG	SEIS	HYDR	ANLYS	TEMP	LOWEST	---	STATUS---

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SYSTEM E51 REACTOR CORE ISOLATION COOLING SYSTEM

RVF

\*

1E51*RVF017	RELIEF VALVES CROSBY	247.521	AB	73	LM	Y	NA	S	SO	239	NA	A1
1E51*RVF018	RELIEF VALVES CROSBY	247.521	AB	75	LM	Y	NA	S	SO	185	NA	A1
1E51*RVF090	RELIEF VALVES CROSBY	247.521	AB	78	LM	Y	NA	S	SO	699	NA	A1



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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  
NASS SUPPLIER: GENERAL ELECTRIC

DOCKET NO. 50-458

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

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SYSTEM FNS

\*

BOP EQUIPMENT  
RAK RACK

1FNS*RAK2A	RACKS WESTINGHOUSE	223.321	FB	70	CF	Y	NA	D	NA	7	16	A
1FNS*RAK2B	RACKS WESTINGHOUSE	223.321	FB	70	CF	Y	NA	D	NA	7	16	A
1FNS*RAK2C	RACKS WESTINGHOUSE	223.321	FB	70	CF	Y	NA	D	NA	7	16	A





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

SYSTEM GTS GAS TREATMENT STANDBY

BOP EQUIPMENT

AOD AIR OPERATED DAMPER

1GTS*AOD1A	AIR OPERATED DAMPER QUALITY AIR DESIGN	215.480	ORB	HM	Y	NA	S	NA	39	1-34 A	Y
1GTS*AOD1B	AIR OPERATED DAMPER QUALITY AIR DESIGN	215.480	ORB	HM	Y	NA	S	NA	39	1-34 A	Y
1GTS*AOD21A	AIR OPERATED DAMPER QUALITY AIR DESIGN	215.480	ORB	HH	Y	NA	S	NA	39	2-34 A	
1GTS*AOD21B	AIR OPERATED DAMPER QUALITY AIR DESIGN	215.480	ORB	HM	Y	NA	S	NA	39	1-34 A	
1GTS*AOD22A	AIR OPERATED DAMPER QUALITY AIR DESIGN	215.480	ORB	HM	Y	NA	S	NA	39	1-34 A	Y
1GTS*AOD22B	AIR OPERATED DAMPER QUALITY AIR DESIGN	215.480	ORB	HM	Y	NA	S	NA	39	1-34 A	Y
1GTS*AOD23A	AIR OPERATED DAMPER QUALITY AIR DESIGN	215.480	ORB	HH	Y	NA	S	NA	39	1-34 A	Y
1GTS*AOD23B	AIR OPERATED DAMPER QUALITY AIR DESIGN	215.480	ORB	HH	Y	NA	S	NA	39	1-34 A	Y
1GTS*AOD3A	AIR OPERATED DAMPER QUALITY AIR DESIGN	215.480	ORB	HH	Y	NA	S	NA	39	1-34 A	Y
1GTS*AOD3B	AIR OPERATED DAMPER QUALITY AIR DESIGN	215.480	ORB	HH	Y	NA	S	NA	39	1-34 A	Y
1GTS*AOD4A	AIR OPERATED DAMPER QUALITY AIR DESIGN	215.480	ORB	HM	Y	NA	S	NA	39	1-34 A	
1GTS*AOD4B	AIR OPERATED DAMPER QUALITY AIR DESIGN	215.480	ORB	HM	Y	NA	S	NA	39	1-34 A	

DMP

\*

1GTS*DMP1A	MAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	ORB	HM	Y	NA	S	NA	50	1-34 A	
1GTS*DMP1B	MAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	ORB	HH	Y	NA	S	NA	50	1-34 A	
1GTS*DMP2A	BACKDRAFT DAMPER QUALITY AIR DESIGN	215.480	ORB	HM	Y	NA	S	NA	50	1-34 A	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	-----EQUIPMENT-----		---LOCATION---		---LOADS---		-QUAL METH-		-NAT FREQ-	----RRS REF----	
	DESCRIPTION MANUFACTURER	SPEC NO.	BLDG	ELEV MTG	SEIS	HYDR	ANLYS	TEST	LOWEST	---	STATUS---
*****											

SYSTEM GTS GAS TREATMENT STANDBY

DHP

\*

1GTS*DMP2B	BACKDRAFT DAMPER QUALITY AIR DESIGN	215.480	ORB	HM	Y	NA	S	NA	50	1-34 A	Y
1GTS*DMP3A	MAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	ORB	HM	Y	NA	S	NA	50	1-34 A	
1GTS*DMP3B	MAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	ORB	HM	Y	NA	S	NA	50	1-34 A	
1GTS*DMP4A	BACKDRAFT DAMPER QUALITY AIR DESIGN	215.480	ORB	HM	Y	NA	S	NA	50	1-34 A	Y
1GTS*DMP4B	BACKDRAFT DAMPER QUALITY AIR DESIGN	215.480	ORB	HM	Y	NA	S	NA	50	1-34 A	Y
1GTS*DMP5A	MAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	ORB	HM	Y	NA	S	NA	50	1-34 A	Y
1GTS*DMP5B	MAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	ORB	HM	Y	NA	S	NA	50	1-34 A	Y
1GTS*DMP6A	BACKDRAFT DAMPER QUALITY AIR DESIGN	215.480	ORB	HM	Y	NA	S	NA	50	1-34 A	Y
1GTS*DMP6B	BACKDRAFT DAMPER QUALITY AIR DESIGN	215.480	ORB	HM	Y	NA	S	NA	50	1-34 A	Y

FE FLOW ELEMENT

1GTS*FE24A	FLOW SWITCH FCI	247.433	AB	170	LH	Y	NA	NA	HF	NA	NA A
1GTS*FE24B	FLOW SWITCH FCI	247.433	AB	170	LH	Y	NA	NA	HF	NA	NA A

FLT-

\*

1GTS*FLT-1A	STANDBY GAS UNITS AMERICAN AIR FILTER	225.220	AB	141	CF	Y	NA	D	HF	9	4 A1	Y
1GTS*FLT-1B	STANDBY GAS UNITS AMERICAN AIR FILTER	225.220	AB	141	CF	Y	NA	D	HF	9	4 A1	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  
NSSF SUPPLIER: GENERAL ELECTRIC

DOCKET NO. 50-458

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

SYSTEM GTS GAS TREATMENT STANDBY

FN FAN

1GTS*FN1A	EXHAUST BLOWERS BUFFALO FORGE	215.400	AB	141	CF	Y	NA	S	NA	20	4	A	Y
1GTS*FN1B	EXHAUST BLOWERS BUFFALO FORGE	215.400	AB	141	CF	Y	NA	S	NA	20	4	A	Y
1GTS*FN2A	DECAY HEAT FAN BUFFALO FORGE	215.400	AB	70	CF	Y	NA	S	NA	112	1	A	
1GTS*FN2B	DECAY HEAT FAN BUFFALO FORGE	215.400	AB	141	CF	Y	NA	S	NA	112	4	A	Y

FS FLOW SWITCH

1GTS*FS24A	FLOW SWITCH FCI	247.433	AB	170	LH	Y	NA	NA	HF	NA	NA	A	Y
1GTS*FS24B	FLOW SWITCH FCI	247.433	FB	170	LH	Y	NA	NA	HF	NA	NA	A	Y

RTD RESISTANCE TEMPERATURE RECORDER

1GTS*RTD18A	THERMOCOUPLES RTD PYCO	247.461	AB	146	DM	Y	NA	NA	HF	50	4	A	Y
1GTS*RTD18B	THERMOCOUPLES RTD PYCO	247.461	AB	146	DM	Y	NA	NA	HF	50	4	A	Y
1GTS*RTD27A	THERMOCOUPLES RTD PYCO	247.461	AB	146	DM	Y	NA	NA	HF	50	4	A	Y
1GTS*RTD27B	THERMOCOUPLES RTD PYCO	247.461	AB	146	DM	Y	NA	NA	HF	50	4	A	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	-----EQUIPMENT-----		---LOCATION---			---LOADS---			-QUAL METH-	-NAT FREQ-	----RRS REF----	
	DESCRIPTION	SPEC NO.	BLDG	ELEV	MTG	SEIS	HYDR	ANLYS	TEST	LOWEST	---STATUS---	QUAL INST
	MANUFACTURER											

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SYSTEM G33 REACTOR WATER CLEAN-UP

BOP EQUIPMENT  
MOV MOTOR OPERATED VALVE

1G33*MOV101	VALVE H.O. 3"-600 LB VELAN	228.212	RB	081	LH	Y	Y	S	HF	49	NA B	Y
MOV	*											
1G33*MOV001	VALVE H.O. 6"-600 LB VELAN	228.212	DW	107	LN	Y	Y	S	HF	54	NA B	Y
1G33*MOV004	VALVE H.O. 6"-600 LB VELAN	228.212	AB	095	LH	Y	Y	S	HF	54	NA B	Y
1G33*MOV028	VALVE H.O. 4"-600 LB VELAN	228.212	CT	147	LH	Y	Y	S	HF	52	NA B	Y
1G33*MOV031	VALVE H.O. 4"-600 LB VELAN	228.212	CT	141	LH	Y	Y	S	HF	48	NA A	Y
1G33*MOV034	VALVE H.O. 4"-600 LB VELAN	228.212	AB	114	LH	Y	Y	S	HF	52	NA B	Y
1G33*MOV035	VALVE H.O. 4"-60 LB VELAN	228.212	AB	114	LH	Y	Y	S	HF	52	NA A	Y
1G33*MOV039	VALVE H.O. 6"-900 LB VELAN	223.212	AB	114	LH	Y	Y	S	HF	58	NA B	Y
1G33*MOV040	VALVE H.O. 6"-900 LB VELAN	228.212	CT	147	LH	Y	Y	S	HF	58	NA B	Y
1G33*MOV042	VALVE H.O. 6"-900 LB VELAN	228.212	CT	147	LH	Y	Y	S	HF	53	NA A	Y
1G33*MOV044	VALVE H.O. 4"-600 LB VELAN	228.212	CT	147	LH	Y	Y	S	HF	52	NA A	Y
1G33*MOV046	VALVE H.O. 4"-60 LB VELAN	228.212	AB	114	LH	Y	Y	S	HF	52	NA A	Y
1G33*MOV053	VALVE H.O. 4"-900 LB VELAN	228.212	CT	147	LH	Y	Y	S	HF	44	NA B	Y
1G33*MOV054	VALVE H.O. 4"-900 LB VELAN	228.212	AB	147	LH	Y	Y	S	HF	44	NA B	Y
1G33*MOV100	VALVE H.O. 4"-60 LB VELAN	228.212	DW	081	LH	Y	Y	S	HF	52	NA 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	-----EQUIPMENT-----		---LOCATION---		---LOADS---		-QUAL METH-		-NAT FREQ-	----RRS REF----	
	DESCRIPTION	SPEC NO.	BLDG	ELEV MTG	SEIS	HYDR	ANLYS	TEST	LOWEST	---STATUS---	QUAL INST

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SYSTEM G33 REACTOR WATER CLEAN-UP

MOVF

\*

1G33*MOVF102	VALVE H.O. 6"-600 LB VELAN	228.212	DW	081 LH	Y	Y	S	MF	65	NA B	Y
1G33*MOVF104	VALVE H.O. 4"-900 LB VELAN	228.212	CT	147 LH	Y	Y	S	MF	48	NA A	Y
1G33*MOVF106	VALVE H.O. 4"-60 LB VELAN	228.212	DW	081 LH	Y	Y	S	MF	52	NA B	Y
1G33*MOVF107	VALVE H.O. 4"-900 LB VELAN	228.212	CT	147 LH	Y	Y	S	MF	48	NA A	Y

SOVF

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1G33*SOVF041	VALVE 3/4" TARGET ROCK	247.501	AB	114 LH	Y	NA	S	MF		NA A1	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	-----EQUIPMENT-----		---LOCATION---			---LOADS---		-QUAL METH-	-NAT FREQ-	----RRS REF----		
	DESCRIPTION	SPEC NO.	BLDG	ELEV	MTG	SEIS	HYDR	ANLYS	TEST	LOHEST	---STATUS---	QUAL INST
	MANUFACTURER											

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SYSTEM HCS HYDROGEN RECOMBINER

BOP EQUIPMENT  
PHRS POWER SUPPLY

1HCS*PWSIA	POWER CABINET WESTINGHOUSE	224.520	AB	141	CF	Y	NA	N	NA	3	4 A	
1HCS*PWSIB	POWER CABINET WESTINGHOUSE	224.520	AB	141	CF	Y	NA	N	NA	3	4 A	
RBNR *												
1HCS*RBNRIA	HYDROGEN RECOMBINER WESTINGHOUSE	224.520	CT	186	CF	Y	Y	S	MF	11	62,129,162 A	
1HCS*RBNRIB	HYDROGEN RECOMBINER WESTINGHOUSE	224.520	CT	186	CF	Y	Y	S	MF	11	62,129,162 A	

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

SYSTEM HDL

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BOP EQUIPMENT  
NOV MOTOR OPERATED VALVE

1HDL*NOV58A	VALVE M.O. 1"-600 LB VELAN	228.216	TB	067	LH	Y	NA	S	HF	58	NA	Y
1HDL*NOV58B	VALVE F.O. 1"-600 LB VELAN	228.216	TB	067	LH	Y	NA	S	HF	58	NA	Y
1HDL*NOV58C	VALVE H.O. 1"-600 LB VELAN	228.216	TB	067	LH	Y	NA	S	HF	58	NA	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	SPEC NO.	BLDG	ELEV	MTG	SEIS	HYDR	ANLYS	TEST	NAT FREQ- LOWEST	RRS REF- STATUS- QUAL INST
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SYSTEM HVC AIR CONDITIONING - CONTROL BUILDING OR AREA

BOP EQUIPMENT  
ACU AIR CONDITIONING UNIT

1HVC*ACU1A	AIR COND. UNIT BUFFALO FORGE	216.200	CB	115	CF	Y	NA	D	NA	11	8 A	Y
1HVC*ACU1B	AIR COND. UNIT BUFFALO FORGE	216.200	CB	115	CF	Y	NA	D	NA	11	8 A	Y
1HVC*ACU2A	AIR COND. UNIT BUFFALO FORGE	216.200	CB	70	CF	Y	NA	D	NA	10	6 A	Y
1HVC*ACU2B	AIR COND. UNIT BUFFALO FORGE	216.200	CB	70	CF	Y	NA	D	NA	10	6 A	Y
1HVC*ACU3A	AIR COND. UNIT BUFFALO FORGE	216.200	CB	98	CF	Y	NA	D	NA	32	7 A	Y
1HVC*ACU3B	AIR COND. UNIT BUFFALO FORGE	216.200	CB	98	CF	Y	NA	D	NA	32	7 A	Y

AOD AIR OPERATED DAMPER

1HVC*AOD106	AIR OPERATED DAMPER QUALITY AIR DESIGN	215.480	ORB		HM	Y	NA	S	NA	39	1-34 A	Y
1HVC*AOD107	AIR OPERATED DAMPER QUALITY AIR DESIGN	215.480	ORB		HM	Y	NA	S	NA	39	1-34 A	Y
1HVC*AOD108	AIR OPERATED DAMPER QUALITY AIR DESIGN	215.480	ORB		HM	Y	NA	S	NA	39	1-34 A	Y
1HVC*AOD12A	AIR OPERATED DAMPER QUALITY AIR DESIGN	215.480	ORB		HM	Y	NA	S	NA	39	1-34 A	Y
1HVC*AOD12B	AIR OPERATED DAMPER QUALITY AIR DESIGN	215.480	ORB		HM	Y	NA	S	NA	39	1-34 A	Y
1HVC*AOD14B	AIR OPERATED DAMPER QUALITY AIR DESIGN	215.480	ORB		HM	Y	NA	S	NA	39	1-34 A	Y
1HVC*AOD169	AIR OPERATED DAMPER QUALITY AIR DESIGN	215.480	ORB		HM	Y	NA	S	NA	39	1-34 A	Y
1HVC*AOD170	AIR OPERATED DAMPER QUALITY AIR DESIGN	215.480	ORB		HM	Y	NA	S	NA	39	1-34 A	Y
1HVC*AOD171	AIR OPERATED DAMPER QUALITY AIR DESIGN	215.480	ORB		HM	Y	NA	S	NA	39	1-34 A	Y

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	SPEC NO.	---LOCATION---		---LOADS---		-QUAL METH-	-NAT FREQ-	---RRS REF---	
			BLDG	ELEV MTG	SEIS	HYDR			ANLYS	TEST

SYSTEM HVC AIR CONDITIONING - CONTROL BUILDING OR AREA

A00 AIR OPERATED DAMPER

1HVC*A00173	AIR OPERATED DAMPER QUALITY AIR DESIGN	215.480	ORB	HM	Y	NA	S	NA	39	1-34 A	
1HVC*A0019A	AIR OPERATED DAMPER QUALITY AIR DESIGN	215.480	ORB	HM	Y	NA	S	NA	39	1-34 A	Y
1HVC*A0019B	AIR OPERATED DAMPER QUALITY AIR DESIGN	215.480	ORB	HM	Y	NA	S	NA	39	1-34 A	Y
1HVC*A0019C	AIR OPERATED DAMPER QUALITY AIR DESIGN	215.480	ORB	HM	Y	NA	S	NA	39	1-34 A	Y
1HVC*A0019D	AIR OPERATED DAMPER QUALITY AIR DESIGN	215.480	ORB	HM	Y	NA	S	NA	39	1-34 A	Y
1HVC*A0019E	AIR OPERATED DAMPER QUALITY AIR DESIGN	215.480	ORB	HM	Y	NA	S	NA	39	1-34 A	Y
1HVC*A0019F	AIR OPERATED DAMPER QUALITY AIR DESIGN	215.480	ORB	HM	Y	NA	S	NA	39	1-34 A	Y
1HVC*A003A	AIR OPERATED DAMPER QUALITY AIR DESIGN	215.480	ORB	HM	Y	NA	S	NA	39	1-34 A	
1HVC*A003B	AIR OPERATED DAMPER QUALITY AIR DESIGN	215.480	ORB	HM	Y	NA	S	NA	39	1-34 A	Y
1HVC*A0035A	AIR OPERATED DAMPER QUALITY AIR DESIGN	215.480	ORB	HM	Y	NA	S	NA	39	1-34 A	Y
1HVC*A0035B	AIR OPERATED DAMPER QUALITY AIR DESIGN	215.480	ORB	HM	Y	NA	S	NA	39	1-34 A	Y
1HVC*A0035C	AIR OPERATED DAMPER QUALITY AIR DESIGN	215.480	ORB	HM	Y	NA	S	NA	39	1-34 A	Y
1HVC*A0035D	AIR OPERATED DAMPER QUALITY AIR DESIGN	215.480	ORB	HM	Y	NA	S	NA	39	1-34 A	Y
1HVC*A0038A	AIR OPERATED DAMPER QUALITY AIR DESIGN	215.480	ORB	HM	Y	NA	S	NA	39	1-34 A	Y
1HVC*A0038B	AIR OPERATED DAMPER QUALITY AIR DESIGN	215.480	ORB	HM	Y	NA	S	NA	39	1-34 A	Y
1HVC*A0043A	AIR OPERATED DAMPER QUALITY AIR DESIGN	215.480	ORB	HM	Y	NA	S	NA	39	1-34 A	Y
1HVC*A0043B	AIR OPERATED DAMPER QUALITY AIR DESIGN	215.480	ORB	HM	Y	NA	S	NA	39	1-34 A	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	-----EQUIPMENT-----		---LOCATION---		---LOADS---		-QUAL METH-		-NAT FREQ-	----RRS REF----	
	DESCRIPTION	SPEC NO.	BLDG	ELEV MTG	SEIS	HYDR	ANLYS	TEST	LOHEST	---	STATUS---
	MANUFACTURER									QUAL	INST

SYSTEM HVC AIR CONDITIONING - CONTROL BUILDING OR AREA

CH COIL HEATER

1HVC*CH1A	ELECT. HEATING COIL BUFFALO FORGE	216.200	CB	115	EH	Y	NA	D	NA		8 A1	
1HVC*CH1B	ELECT HEATING COIL BUFFALO FORGE	216.200	CB	115	EH	Y	NA	D	NA		8 A1	Y

DMP

1HVC*DMP 8	MAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	ORB		HH	Y	NA	S	NA	50	1-34 A	Y
1HVC*DMP10	BACKDRAFT DAMPER QUALITY AIR DESIGN	215.480	ORB		HH	Y	NA	S	NA	50	1-34 A	Y
1HVC*DMP11	MAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	ORB		HH	Y	NA	S	NA	50	1-34 A	Y
1HVC*DMP12	MAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	ORB		HH	Y	NA	S	NA	50	1-34 A	Y
1HVC*DMP13	MAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	ORB		HH	Y	NA	S	NA	50	1-34 A	Y
1HVC*DMP14	MAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	ORB		HH	Y	NA	S	NA	50	1-34 A	Y
1HVC*DMP15	BACKDRAFT DAMPER QUALITY AIR DESIGN	215.480	ORB		HH	Y	NA	S	NA	50	1-34 A	Y
1HVC*DMP16	MAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	ORB		HH	Y	NA	S	NA	50	1-34 A	Y
1HVC*DMP17	MAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	ORB		HH	Y	NA	S	NA	50	1-34 A	Y
1HVC*DMP18	MAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	ORB		HH	Y	NA	S	NA	50	1-34 A	Y
1HVC*DMP19	MAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	ORB		HH	Y	NA	S	NA	50	1-34 A	Y
1HVC*DMP20	BACKDRAFT DAMPER QUALITY AIR DESIGN	215.480	ORB		HH	Y	NA	S	NA	50	1-34 A	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	-----EQUIPMENT-----		---LOCATION---		---LOADS---		-QUAL METH-		-NAT FREQ-	----RRS REF----	
	DESCRIPTION	SPEC NO.	BLDG	ELEV MTG	SEIS	HYDR	ANLYS	TEST	LOWEST	---STATUS---	QUAL INST

\*\*\*\*\*  
SYSTEM HVC AIR CONDITIONING - CONTROL BUILDING OR AREA

DHP

1HVC*DHP21	BACKDRAFT DAMPER QUALITY AIR DESIGN	215.480	ORB	HH	Y	NA	S	NA	50	1-34	Y
1HVC*DHP22	BACKDRAFT DAMPER QUALITY AIR DESIGN	215.480	ORB	HH	Y	NA	S	NA	50	1-34	Y
1HVC*DHP23	BACKDRAFT DAMPER QUALITY AIR DESIGN	215.480	ORB	HH	Y	NA	S	NA	50	1-34	Y
1HVC*DHP24	BACKDRAFT DAMPER QUALITY AIR DESIGN	215.480	ORB	HH	Y	NA	S	NA	50	1-34	Y
1HVC*DHP25	BACKDRAFT DAMPER QUALITY AIR DESIGN	215.480	ORB	HH	Y	NA	S	NA	50	1-34	Y
1HVC*DHP26	HAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	ORB	HH	Y	NA	S	NA	50	1-34	Y
1HVC*DHP27	HAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	ORB	HH	Y	NA	S	NA	50	1-34	Y
1HVC*DHP28	HAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	ORB	HH	Y	NA	S	NA	50	1-34	Y
1HVC*DHP29	HAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	ORB	HH	Y	NA	S	NA	50	1-34	Y
1HVC*DHP30	HAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	ORB	HH	Y	NA	S	NA	50	1-34	Y
1HVC*DHP31	HAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	ORB	HH	Y	NA	S	NA	50	1-34	Y
1HVC*DHP32	HAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	ORB	HH	Y	NA	S	NA	50	1-34	Y
1HVC*DHP33	HAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	ORB	HH	Y	NA	S	NA	50	1-34	Y
1HVC*DHP34	BACKDRAFT DAMPER QUALITY AIR DESIGN	215.480	ORB	HH	Y	NA	S	NA	50	1-34	Y
1HVC*DHP35	BACKDRAFT DAMPER QUALITY AIR DESIGN	215.430	ORB	HH	Y	NA	S	NA	50	1-34	Y
1HVC*DHP36	BACKDRAFT DAMPER QUALITY AIR DESIGN	215.480	ORB	HH	Y	NA	S	NA	50	1-34	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	-----EQUIPMENT-----	SPEC NO.	---LOCATION---		---LOADS---		-QUAL METH-	-NAT FREQ-	---RRS REF----	
	DESCRIPTION MANUFACTURER		BLDG	ELEV HTG	SEIS	HYDR			ANLYS TEST	LOWEST

SYSTEM HVC AIR CONDITIONING - CONTROL BUILDING OR AREA

DMP

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1HVC*DMP37	MAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	ORB	HH	Y	NA	S	NA	50	1-34 A	Y
1HVC*DMP38	MAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	ORB	HH	Y	NA	S	NA	50	1-34 A	Y
1HVC*DMP39	MAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	ORB	HH	Y	NA	S	NA	50	1-34 A	Y
1HVC*DMP4A	MAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	ORB	HH	Y	NA	S	NA	50	1-34 A	Y
1HVC*DMP4B	MAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	ORB	HH	Y	NA	S	NA	50	1-34 A	Y
1HVC*DMP40	MAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	ORB	HH	Y	NA	S	NA	50	1-34 A	Y
1HVC*DMP41	MAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	ORB	HH	Y	NA	S	NA	50	1-34 A	Y
1HVC*DMP42	MAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	ORB	HH	Y	NA	S	NA	50	1-34 A	Y
1HVC*DMP43	MAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	ORB	HH	Y	NA	S	NA	50	1-34 A	Y
1HVC*DMP44	MAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	ORB	HH	Y	NA	S	NA	50	1-34 A	Y
1HVC*DMP45	MAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	ORB	HH	Y	NA	S	NA	50	1-34 A	Y
1HVC*DMP46	MAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	ORB	HH	Y	NA	S	NA	50	1-34 A	Y
1HVC*DMP47	MAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	ORB	HH	Y	NA	S	NA	50	1-34 A	Y
1HVC*DMP48	MAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	ORB	HH	Y	NA	S	NA	50	1-34 A	Y
1HVC*DMP49	MAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	ORB	HH	Y	NA	S	NA	50	1-34 A	Y
1HVC*DMP5A	MAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	ORB	HH	Y	NA	S	NA	50	1-34 A	Y
1HVC*DMP5B	MAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	ORB	HH	Y	NA	S	NA	50	1-34 A	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	SPEC NO.	BLDG	ELEV	MTE	SEIS	HYDR	ANLYS	TEST	NAT FREQ- LOWEST	RRS REF- STATUS- QUAL INST
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SYSTEM HVC AIR CONDITIONING - CONTROL BUILDING OR AREA

DMP

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1HVC*DMP50	MAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	ORB		HH	Y	NA	S	NA	50	1-34 A Y
1HVC*DMP51	MAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	ORB		HH	Y	NA	S	NA	50	1-34 A Y
1HVC*DMP52	MAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	ORB		HH	Y	NA	S	NA	50	1-34 A Y
1HVC*DMP53	MAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	ORB		HH	Y	NA	S	NA	50	1-34 A Y
1HVC*DMP54	MAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	ORB		HH	Y	NA	S	NA	50	1-34 A Y
1HVC*DMP55	MAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	ORB		HH	Y	NA	S	NA	50	1-34 A Y
1HVC*DMP56	MAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	ORB		HH	Y	NA	S	NA	50	1-34 A Y
1HVC*DMP57	MAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	ORB		HH	Y	NA	S	NA	50	1-34 A Y
1HVC*DMP58	MAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	ORB		HH	Y	NA	S	NA	50	1-34 A Y
1HVC*DMP59	MAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	ORB		HH	Y	NA	S	NA	50	1-34 A Y
1HVC*DMP60	MAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	ORB		HH	Y	NA	S	NA	50	1-34 A Y
1HVC*DMP61	MAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	ORB		HH	Y	NA	S	NA	50	1-34 A Y
1HVC*DMP62	MAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	ORB		HH	Y	NA	S	NA	50	1-34 A Y
1HVC*DMP63	MAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	ORB		HH	Y	NA	S	NA	50	1-34 A Y
1HVC*DMP64	MAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	ORB		HH	Y	NA	S	NA	50	1-34 A Y
1HVC*DMP65	MAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	ORB		HH	Y	NA	S	NA	50	1-34 A Y

JOB NAME RBS - UNIT 1  
UTILITY GULF STATES

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

ENGINEER: STONE & WEBSTER  
N555 SUPPLIER: GENERAL ELECTRIC

DOC/ET NO. 50-458

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

SYSTEM HVC AIR CONDITIONING - CONTROL BUILDING OR AREA

DHP

1HVC*DHP66	MAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	ORB	HH	Y	NA	S	NA	50	1-34 A	Y
1HVC*DHP67	MAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	ORB	HH	Y	NA	S	NA	50	1-34 A	Y
1HVC*DHP68	MAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	ORB	HH	Y	NA	S	NA	50	1-34 A	Y
1HVC*DHP69	MAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	ORB	HH	Y	NA	S	NA	50	1-34 A	Y
1HVC*DHP7	MAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	ORB	HH	Y	NA	S	NA	50	1-34 A	Y
1HVC*DHP70	MAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	ORB	HH	Y	NA	S	NA	50	1-34 A	Y
1HVC*DHP71	MAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	ORB	HH	Y	NA	S	NA	50	1-34 A	Y
1HVC*DHP72	MAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	ORB	HH	Y	NA	S	NA	50	1-34 A	Y
1HVC*DHP73	MAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	ORB	HH	Y	NA	S	NA	50	1-34 A	Y
1HVC*DHP74	MAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	ORB	HH	Y	NA	S	NA	50	1-34 A	Y
1HVC*DHP75	MAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	ORB	HH	Y	NA	S	NA	50	1-34 A	Y
1HVC*DHP76	MAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	ORB	HH	Y	NA	S	NA	50	1-34 A	Y
1HVC*DHP77	MAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	ORB	HH	Y	NA	S	NA	50	1-34 A	Y
1HVC*DHP78	MAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	ORB	HH	Y	NA	S	NA	50	1-34 A	Y
1HVC*DHP79	BACKDRAFT DAMPER QUALITY AIR DESIGN	215.480	ORB	HH	Y	NA	S	NA	50	1-34 A	Y
1HVC*DHP80	BACKDRAFT DAMPER QUALITY AIR DESIGN	215.480	ORB	HH	Y	NA	S	NA	50	1-34 A	Y
1HVC*DHP81	BACKDRAFT DAMPER QUALITY AIR DESIGN	215.480	ORB	HH	Y	NA	S	NA	50	1-34 A	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	-----EQUIPMENT-----		---LOCATION---		---LOADS---		-QUAL METH-		-NAT FREQ-	----RRS REF----	
	DESCRIPTION MANUFACTURER	SPEC NO.	BLDG	ELEV HTG	SEIS	HYDR	ANLYS	TEST	LOWEST	---	STATUS---
										QUAL	INST

SYSTEM HVC AIR CONDITIONING - CONTROL BUILDING OR AREA

DHP

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1HVC*DMP82	TORNADO DAMPER QUALITY AIR DESIGN	215.480	ORB	HH	Y	NA	S	NA	50	1-34 A	Y
1HVC*DMP83	TORNADO DAMPER QUALITY AIR DESIGN	215.480	ORB	HH	Y	NA	S	NA	50	1-34 A	Y
1HVC*DMP84	TORNADO DAMPER QUALITY AIR DESIGN	215.480	ORB	HH	Y	NA	S	NA	50	1-34 A	Y
1HVC*DMP85	TORNADO DAMPERS QUALITY AIR DESIGN	215.480	ORB	HH	Y	NA	S	NA	50	1-34 A	Y
1HVC*DMP86	MAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	ORB	HH	Y	NA	S	NA	50	1-34 A	Y
1HVC*DMP87	MAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	ORB	HH	Y	NA	S	NA	50	1-34 A	Y
1HVC*DMP88	MAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	ORB	HH	Y	NA	S	NA	50	1-34 A	Y
1HVC*DMP89	MAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	ORB	HH	Y	NA	S	NA	50	1-34 A	Y
1HVC*DMP9	MAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	ORB	HH	Y	NA	S	NA	50	1-34 A	Y
1HVC*DMP91	MAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	ORB	HH	Y	NA	S	NA	50	1-34 A	Y
1HVC*DMP92	TORNADO DAMPER QUALITY AIR DESIGN	215.480	ORB	HH	Y	NA	S	NA	50	1-34 A	Y
1HVC*DMP93	TORNADO DAMPER QUALITY AIR DESIGN	215.480	ORB	HH	Y	NA	S	NA	50	1-34 A	Y
1HVC*DMP94	TORNADO DAMPER QUALITY AIR DESIGN	215.480	ORB	HH	Y	NA	S	NA	50	1-34 A	Y
1HVC*DMP95	TORNADO DAMPER QUALITY AIR DESIGN	215.480	ORB	HH	Y	NA	S	NA	50	1-34 A	Y
1HVC*DMP96	TORNADO DAMPER QUALITY AIR DESIGN	215.480	ORB	HH	Y	NA	S	NA	50	1-34 A	Y
1HVC*DMP97	MAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	ORB	HH	Y	NA	S	NA	50	1-34 A	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	-----EQUIPMENT-----		---LOCATION---		---LOADS---		-QUAL METH-		-NAT FREQ-		----RRS REF----	
	DESCRIPTION	SPEC NO.	BLDG	ELEV MTG	SEIS	HYDR	ANLYS	TEST	LOWEST	---	STATUS---	QUAL INST

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SYSTEM HVAC AIR CONDITIONING - CONTROL BUILDING OR AREA

DMPF

1HVC*DMPF1	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DW	Y	NA	S	HF	20	1-34 A	Y
1HVC*DMPF10	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DW	Y	NA	S	HF	20	1-34 A	Y
1HVC*DMPF100	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DW	Y	NA	S	HF	20	1-34 A	Y
1HVC*DMPF101	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DW	Y	NA	S	HF	20	1-34 A	Y
1HVC*DMPF102	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DW	Y	NA	S	HF	20	1-34 A	Y
1HVC*DMPF103	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DW	Y	NA	S	HF	20	1-34 A	Y
1HVC*DMPF104	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DW	Y	NA	S	HF	20	1-34 A	Y
1HVC*DMPF105	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DW	Y	NA	S	HF	20	1-34 A	Y
1HVC*DMPF106	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DW	Y	NA	S	HF	20	1-34 A	Y
1HVC*DMPF107	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DW	Y	NA	S	HF	20	1-34 A	Y
1HVC*DMPF108	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DW	Y	NA	S	HF	20	1-34 A	Y
1HVC*DMPF109	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DW	Y	NA	S	HF	20	1-34 A	Y
1HVC*DMPF11	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DW	Y	NA	S	HF	20	1-34 A	Y
1HVC*DMPF110	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DW	Y	NA	S	HF	20	1-34 A	Y
1HVC*DMPF111	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DW	Y	NA	S	HF	20	1-34 A	Y
1HVC*DMPF112	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DW	Y	NA	S	HF	20	1-34 A	Y
1HVC*DMPF113	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DW	Y	NA	S	HF	20	1-34 A	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	-----EQUIPMENT-----		---LOCATION---		---LOADS---		-QUAL METH-		-NAT FREQ-	----RRS REF----	
	DESCRIPTION	SPEC NO.	BLDG	ELEV	HTG	SEIS	HYDR	ANLYS	TEST	LOWEST	---STATUS---

\*\*\*\*\*  
SYSTEM HVAC AIR CONDITIONING - CONTROL BUILDING OR AREA

DMPF

1HVC*DMPF114	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DH	Y	NA	S	MF	20	1-34	A	Y
1HVC*DMPF115	EXHAUST AIR DAMPER QUALITY AIR DESIGN	215.480	ORB	DH	Y	NA	S	MF	20	1-34	A	Y
1HVC*DMPF116	EXHAUST AIR DAMPER QUALITY AIR DESIGN	215.480	ORB	DH	Y	NA	S	MF	20	1-34	A	Y
1HVC*DMPF117	EXHAUST AIR DAMPER QUALITY AIR DESIGN	215.480	ORB	DH	Y	NA	S	MF	20	1-34	A	Y
1HVC*DMPF118	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DH	Y	NA	S	MF	20	1-34	A	Y
1HVC*DMPF119	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DH	Y	NA	S	MF	20	1-34	A	Y
1HVC*DMPF12	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DH	Y	NA	S	MF	20	1-34	A	Y
1HVC*DMPF13	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DH	Y	NA	S	MF	20	1-34	A	Y
1HVC*DMPF14	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DH	Y	NA	S	MF	20	1-34	A	Y
1HVC*DMPF15	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DH	Y	NA	S	MF	20	1-34	A	Y
1HVC*DMPF16	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DH	Y	NA	S	MF	20	1-34	A	Y
1HVC*DMPF17	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DH	Y	NA	S	MF	20	1-34	A	Y
1HVC*DMPF18	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DH	Y	NA	S	MF	20	1-34	A	Y
1HVC*DMPF19	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DH	Y	NA	S	MF	20	1-34	A	Y
1HVC*DMPF2	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DH	Y	NA	S	MF	20	1-34	A	Y
1HVC*DMPF20	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DH	Y	NA	S	MF	20	1-34	A	Y
1HVC*DMPF21	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DH	Y	NA	S	MF	20	1-34	A	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	-----EQUIPMENT-----		---LOCATION---		---LOADS---		-QUAL METH-		-NAT FREQ-	----RRS REF----	
	DESCRIPTION	SPEC NO.	BLDG	ELEV HGT	SEIS	HYDR	ANLYS	TEST	LOWEST	---STATUS---	QUAL INST

SYSTEM HVC AIR CONDITIONING - CONTROL BUILDING OR AREA

DHPF

1HVC*DHPF22	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DW	Y	NA	S	HF	20	1-34 A	Y
1HVC*DHPF23	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DW	Y	NA	S	HF	20	1-34 A	Y
1HVC*DHPF24	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DW	Y	NA	S	HF	20	1-34 A	Y
1HVC*DHPF25	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DW	Y	NA	S	HF	20	1-34 A	Y
1HVC*DHPF26	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DW	Y	NA	S	HF	20	1-34 A	Y
1HVC*DHPF27	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DW	Y	NA	S	HF	20	1-34 A	Y
1HVC*DHPF28	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DW	Y	NA	S	HF	20	1-34 A	Y
1HVC*DHPF29	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DW	Y	NA	S	HF	20	1-34 A	Y
1HVC*DHPF3	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DW	Y	NA	S	HF	39	1-34 A	Y
1HVC*DHPF30	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DW	Y	NA	S	HF	20	1-34 A	Y
1HVC*DHPF31	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DW	Y	NA	S	HF	20	1-34 A	Y
1HVC*DHPF32	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DW	Y	NA	S	HF	20	1-34 A	Y
1HVC*DHPF33	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DW	Y	NA	S	HF	20	1-34 A	Y
1HVC*DHPF34	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DW	Y	NA	S	HF	20	1-34 A	Y
1HVC*DHPF35	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DW	Y	NA	S	HF	20	1-34 A	Y
1HVC*DHPF36	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DW	Y	NA	S	HF	20	1-34 A	Y
1HVC*DHPF37	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DW	Y	NA	S	HF	20	1-34 A	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	-----EQUIPMENT-----		---LOCATION---		---LOADS---		-QUAL METH-		-NAT FREQ-	----RRS REF----	
	DESCRIPTION MANUFACTURER	SPEC NO.	BLDG	ELEV MTG	SEIS	HYDR	ANLYS	TEST	LOWEST	---STATUS---	QUAL INST

SYSTEM HVC AIR CONDITIONING - CONTROL BUILDING OR AREA

DMPF

1HVC*DMPF38	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DW	Y	NA	S	HF	20	1-34 A	Y
1HVC*DMPF39	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DW	Y	NA	S	HF	20	1-31 A	Y
1HVC*DMPF4	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DW	Y	NA	S	HF	39	1-34 A	Y
1HVC*DMPF40	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DW	Y	NA	S	HF	20	1-34 A	Y
1HVC*DMPF41	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DW	Y	NA	S	HF	20	1-34 A	Y
1HVC*DMPF42	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DW	Y	NA	S	HF	20	1-34 A	Y
1HVC*DMPF43	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DW	Y	NA	S	HF	20	1-34 A	Y
1HVC*DMPF44	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DW	Y	NA	S	HF	20	1-34 A	Y
1HVC*DMPF45	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DW	Y	NA	S	HF	20	1-34 A	Y
1HVC*DMPF46	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DW	Y	NA	S	HF	20	1-34 A	Y
1HVC*DMPF47	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DW	Y	NA	S	HF	20	1-34 A	Y
1HVC*DMPF48	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DW	Y	NA	S	HF	20	1-34 A	Y
1HVC*DMPF49	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DW	Y	NA	S	HF	20	1-34 A	Y
1HVC*DMPF5	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DW	Y	NA	S	HF	20	1-34 A	Y
1HVC*DMPF50	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DW	Y	NA	S	HF	20	1-34 A	Y
1HVC*DMPF51	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DW	Y	NA	S	HF	20	1-34 A	Y
1HVC*DMPF52	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DW	Y	NA	S	HF	20	1-34 A	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	EQUIPMENT		SPEC NO.	LOCATION		LOADS		QUAL METH		NAT FREQ	RRS REF	
	DESCRIPTION	MANUFACTURER		BLDG	ELEV HTG	SEIS	HYDR	ANLYS	TEST		LOWEST	STATUS

\*\*\*\*\*  
SYSTEM HVAC AIR CONDITIONING - CONTROL BUILDING 07 AREA

DMPF

1HVC*DMPF53	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DW	Y	NA	S	HF	20	1-34	A	Y
1HVC*DMPF54	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DW	Y	NA	S	HF	20	1-34	A	Y
1HVC*DMPF55	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DW	Y	NA	S	HF	20	1-34	A	Y
1HVC*DMPF56	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DW	Y	NA	S	HF	20	1-34	A	Y
1HVC*DMPF57	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DW	Y	NA	S	HF	20	1-34	A	Y
1HVC*DMPF58	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DW	Y	NA	S	HF	20	1-34	A	Y
1HVC*DMPF59	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DW	Y	NA	S	HF	20	1-34	A	Y
1HVC*DMPF6	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DW	Y	NA	S	HF	39	1-34	A	Y
1HVC*DMPF60	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DW	Y	NA	S	HF	20	1-34	A	Y
1HVC*DMPF61	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DW	Y	NA	S	HF	20	1-34	A	Y
1HVC*DMPF62	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DW	Y	NA	S	HF	20	1-34	A	Y
1HVC*DMPF63	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DW	Y	NA	S	HF	20	1-34	A	Y
1HVC*DMPF64	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DW	Y	NA	S	HF	20	1-34	A	Y
1HVC*DMPF65	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DW	Y	NA	S	HF	20	1-34	A	Y
1HVC*DMPF66	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DW	Y	NA	S	HF	20	1-34	A	Y
1HVC*DMPF67	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DW	Y	NA	S	HF	20	1-34	A	Y
1HVC*DMPF68	FIRE DAMPER QUALITY AIR DESIGN	215.430	ORB	DW	Y	NA	S	HF	20	1-34	A	Y

10/17/84

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

SYSTEM HVC AIR CONDITIONING - CONTROL BUILDING OR AREA

DHPF

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1HVC*DHPF69	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DW	Y	NA	S	HF	20	1-34 A	Y
1HVC*DHPF7	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DW	Y	NA	S	HF	20	1-34 A	Y
1HVC*DHPF70	FIRE DRAWER QUALITY AIR DESIGN	215.480	ORB	DW	Y	NA	S	HF	20	1-34 A	Y
1HVC*DHPF71	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DW	Y	NA	S	HF	20	1-34 A	Y
1HVC*DHPF72	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DW	Y	NA	S	HF	20	1-34 A	Y
1HVC*DHPF73	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DW	Y	NA	S	HF	20	1-34 A	Y
1HVC*DHPF74	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DW	Y	NA	S	HF	20	1-34 A	Y
1HVC*DHPF75	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DW	Y	NA	S	HF	20	1-34 A	Y
1HVC*DHPF76	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DW	Y	NA	S	HF	20	1-34 A	Y
1HVC*DHPF77	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DW	Y	NA	S	HF	20	1-34 A	Y
1HVC*DHPF78	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DW	Y	NA	S	HF	20	1-34 A	Y
1HVC*DHPF79	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DW	Y	NA	S	HF	20	1-34 A	Y
1HVC*DHPF8	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	LW	Y	NA	S	HF	20	1-34 A	Y
1HVC*DHPF80	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DW	Y	NA	S	HF	20	1-34 A	Y
1HVC*DHPF81	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DW	Y	NA	S	HF	20	1-34 A	Y
1HVC*DHPF82	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DW	Y	NA	S	HF	20	1-34 A	Y
1HVC*DHPF83	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DW	Y	NA	S	HF	20	1-34 A	Y



10/17/84

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  
NSSF SUPPLIER: GENERAL ELECTRIC

DOCKET NO. 50-458

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

\*\*\*\*\*  
SYSTEM HVC AIR CONDITIONING - CONTROL BUILDING OR AREA

DHPF

1HVC*DHPF84	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DW	Y	NA	S	HF	20	1-34 A	Y
1HVC*DHPF85	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DW	Y	NA	S	HF	20	1-34 A	Y
1HVC*DHPF86	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DW	Y	NA	S	HF	20	1-34 A	Y
1HVC*DHPF87	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DW	Y	NA	S	HF	20	1-34 A	Y
1HVC*DHPF88	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DW	Y	NA	S	HF	20	1-34 A	Y
1HVC*DHPF89	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DW	Y	NA	S	HF	20	1-34 A	Y
1HVC*DHPF90	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DW	Y	NA	S	HF	20	1-34 A	Y
1HVC*DHPF91	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DW	Y	NA	S	HF	20	1-34 A	Y
1HVC*DHPF92	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DW	Y	NA	S	HF	20	1-34 A	Y
1HVC*DHPF93	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DW	Y	NA	S	HF	20	1-34 A	Y
1HVC*DHPF94	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DW	Y	NA	S	HF	20	1-34 A	Y
1HVC*DHPF95	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DW	Y	NA	S	HF	20	1-34 A	Y
1HVC*DHPF96	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DW	Y	NA	S	HF	20	1-34 A	Y
1HVC*DHPF97	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DW	Y	NA	S	HF	20	1-34 A	Y
1HVC*DHPF98	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DW	Y	NA	S	HF	20	1-34 A	Y
1HVC*DHPF99	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DW	Y	NA	S	HF	20	1-34 A	Y

JOB NAME RBS - UNIT 1  
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	SPEC NO.	BLDG	ELEV	HTG	SEIS	HYDR	ANLYS TEST	LOWEST	STATUS	QUAL INST

SYSTEM HVC AIR CONDITIONING - CONTROL BUILDING OR AREA

## FE FLOW ELEMENT

1HVC*FE36A	FLOW SWITCH FCI	247.433	CB	98	LH	Y	NA	NA	HF	NA	NA A	Y
1HVC*FE36B	FLOW SWITCH FCI	247.433	CB	98	LH	Y	NA	NA	HF	NA	NA A	Y
1HVC*FE37A	FLOW SWITCH FCI	247.433	CB	98	LH	Y	NA	NA	HF	NA	NA A	Y
1HVC*FE37B	FLOW SWITCH FCI	247.433	CB	98	LH	Y	NA	NA	HF	NA	NA A	Y
1HVC*FE61A	FLOW SWITCH FCI	247.433	CB	98	LH	Y	NA	NA	HF	NA	NA A	Y
1HVC*FE61B	FLOW SWITCH FCI	247.433	CB	98	LH	Y	NA	NA	HF	NA	NA A	Y
1HVC*FE62A	FLOW SWITCH FCI	247.433	CB	98	LH	Y	NA	NA	HF	NA	NA A	
1HVC*FE62B	FLOW SWITCH FCI	247.433	CB	98	LH	Y	NA	NA	HF	NA	NA A	
1HVC*FE65A	FLOW SWITCH FCI	247.433	CB	98	LH	Y	NA	NA	HF	NA	NA A	
1HVC*FE65B	FLOW SWITCH FCI	247.433	CB	98	LH	Y	NA	NA	HF	NA	NA A	
1HVC*FE45C	FLOW SWITCH FCI	247.433	CB	98	LH	Y	NA	NA	HF	NA	NA A	
1HVC*FE66A	FLOW SWITCH FCI	247.433	CB	98	LH	Y	NA	NA	HF	NA	NA A	Y
1HVC*FE66B	FLOW SWITCH FCI	247.433	CB	98	LH	Y	NA	NA	HF	NA	NA A	Y

## FLT FILTER

1HVC*FLT2	AIR FILTER BUFFALO FORGE	216.200	CB	112	EH	Y	NA	D	NA	13	8 A	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	-----EQUIPMENT-----		---LOCATION---		---LOADS---		-QUAL METH-		-NAT FREQ-	----RRS REF----	
	DESCRIPTION MANUFACTURER	SPEC NO.	BLDG	ELEV MTG	SEIS	HYDR	ANLYS	TEST	LOWEST	---	STATUS---

SYSTEM HVC AIR CONDITIONING - CONTROL BUILDING OR AREA

FLT-

1HVC*FLT-3A	STANDBY GAS UNITS AMERICAN AIR FILTER	225.220	CB	112 CF	Y	NA	D	HF	22	8	A1	Y
1HVC*FLT-3B	STANDBY GAS UNITS AMERICAN AIR FILTER	225.220	CB	112 CF	Y	NA	D	HF	22	8	A1	Y

FN FAN

1HVC*FN1A	AIR BLOWER BUFFALO FORGE	215.400	CB	115 CF	Y	NA	S	NA	112	3	A	Y
1HVC*FN1B	AIR BLOWER BUFFALO FORGE	215.400	CB	115 CF	Y	NA	S	NA	112	3	A	Y
1HVC*FN2A	RETURN AIR FAN BUFFALO FORGE	215.350	CB	81 CF	Y	NA	S	NA	61	7	A	Y
1HVC*FN2B	RETURN AIR FAN BUFFALO FORGE	215.350	CB	81 CF	Y	NA	S	NA	61	7	A	Y
1HVC*FN3A	EXHAUST AIR FANS BUFFALO FORGE	215.400	CB	128 CF	Y	NA	S	NA	62	8	A	Y
1HVC*FN3B	EXHAUST AIR FANS BUFFALO FORGE	215.400	CB	115 CF	Y	NA	S	NA	62	8	A	Y
1HVC*FN3C	EXHAUST AIR FANS BUFFALO FORGE	215.400	CB	116 CF	Y	NA	S	NA	62	8	A	Y
1HVC*FN3D	EXHAUST AIR FANS BUFFALO FORGE	215.400	CB	116 CF	Y	NA	S	NA	62	8	A	Y
1HVC*FN3E	EXHAUST AIR FANS BUFFALO FORGE	215.400	CB	116 CF	Y	NA	S	NA	62	8	A	Y
1HVC*FN3F	EXHAUST AIR FANS BUFFALO FORGE	215.400	CB	116 CF	Y	NA	S	NA	62	8	A	Y
1HVC*FN8A	DECAY HEAT FAN BUFFALO FORGE	215.400	CB	115 CF	Y	NA	S	NA	112	8	A	Y
1HVC*FN8B	DECAY HEAT FAN BUFFALO FORGE	215.400	CB	115 CF	Y	NA	S	NA	112	8	A	Y

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	-----EQUIPMENT-----		---LOCATION---			---LOADS---		-QUAL METH-		-NAT FREQ-	----RRS REF----	
	DESCRIPTION MANUFACTURER	SPEC NO.	BLDG	ELEV	MTG	SEIS	HYDR	ANLYS	TEST	LOHEST	----STATUS---	QUAL INST

SYSTEM HVC AIR CONDITIONING - CONTROL BUILDING OR AREA

FS FLOW SWITCH

1HVC*FS36A	FLOW SWITCH FCI	247.433	CB	70	LH	Y	NA	NA	HF	NA	NA	A	Y
1HVC*FS36B	FLOW SWITCH FCI	247.433	CB	70	LH	Y	NA	NA	HF	NA	NA	A	Y
1HVC*FS37A	FLOW SWITCH FCI	247.433	CB	70	LH	Y	NA	NA	HF	NA	NA	A	Y
1HVC*FS37B	FLOW SWITCH FCI	247.433	CB	70	LH	Y	NA	NA	HF	NA	NA	A	Y
1HVC*FS61A	FLOW SWITCH FCI	247.433	CB	115	LH	Y	NA	NA	HF	NA	NA	A	Y
1HVC*FS61B	FLOW SWITCH FCI	247.433	CB	98	LH	Y	NA	NA	HF	NA	NA	A	Y
1HVC*FS62A	FLOW SWITCH FCI	247.433	CB	116	LH	Y	NA	NA	HF	NA	NA	A	Y
1HVC*FS62B	FLOW SWITCH FCI	247.433	CB	116	LH	Y	NA	NA	HF	NA	NA	A	Y
1HVC*FS65A	FLOW SWITCH FCI	247.433	CB	116	LH	Y	NA	NA	HF	NA	NA	A	Y
1HVC*FS65B	FLOW SWITCH FCI	247.433	CB	116	LH	Y	NA	NA	HF	NA	NA	A	Y
1HVC*FS65C	FLOW SWITCH FCI	247.433	CB	116	LH	Y	NA	NA	HF	NA	NA	A	Y
1HVC*FS66A	FLOW SWITCH FCI	247.433	CB	98	LH	Y	NA	NA	HF	NA	NA	A	Y
1HVC*FS66B	FLOW SWITCH FCI	247.433	CB	98	LH	Y	NA	NA	HF	NA	NA	A	Y

MOD MOTOR OPERATED DAMPER

1HVC*MOD7A	MOTOR OPERATED DAMPER QUALITY AIR DESIGN	215.480	ORB		HM	Y	NA	S	NA	122	1-34	A	Y
1HVC*MOD7B	MOTOR OPERATED DAMPER QUALITY AIR DESIGN	215.480	ORB		HM	Y	NA	S	NA	122	1-34	A	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	-----EQUIPMENT-----		---LOCATION---		---LOADS---		-QUAL METH-		-NAT FREQ-		----RRS REF----	
	DESCRIPTION MANUFACTURER	SPEC NO.	BLOG	ELEV MTG	SEIS	HYDR	ANLYS	TEST	LOWEST	---	---STATUS---	QUAL INST

SYSTEM HVC AIR CONDITIONING - CONTROL BUILDING OR AREA

MOV MOTOR OPERATED VALVE

1HVC*MOV1A	24"-150# BUTTERFLY POSI SEAL	228.241	CB	115 LH	Y	NA	D	NA	48	NA	A	Y
1HVC*MOV1B	24"-150# BUTTERFLY POSI SEAL	228.241	CB	115 LH	Y	NA	D	NA	48	NA	A	Y

PNL PANEL

1HVC*PNL13A	CONTROL PANEL BUFFALO FORGE	216.200	CB	70 DH	Y	NA	D	NA	12	6	A	
1HVC*PNL13B	CONTROL PANEL BUFFALO FORGE	216.200	CB	70 CF	Y	NA	D	NA	12	6	A	

RTD RESISTANCE TEMPERATURE RECORDER

1HVC*RTD41A	THERMOCOUPLES RTD PYCO	247.461	CB	116 DH	Y	NA	NA	MF	50	8	A	Y
1HVC*RTD41B	THERMOCOUPLES RTD PYCO	247.461	CB	116 DH	Y	NA	NA	MF	50	8	A	Y
1HVC*RTD44A	THERMOCOUPLES RTD PYCO	247.461	CB	70 DH	Y	NA	NA	MF	50	6	A	
1HVC*RTD44B	THERMOCOUPLES RTD PYCO	247.461	CB	70 DH	Y	NA	NA	MF	50	6	A	Y
1HVC*RTD58A	THERMOCOUPLES RTD PYCO	247.461	CB	98 DH	Y	NA	NA	MF	50	7	A	Y
1HVC*RTD58B	THERMOCOUPLES RTD PYCO	247.461	CB	98 DH	Y	NA	NA	MF	50	7	A	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	-----EQUIPMENT-----		---LOCATION---		---LOADS---		-QUAL METH-		-NAT FREQ-	----RRS REF----	
	DESCRIPTION	SPEC NO.	BLDG	ELEV MTG	SEIS	HYDR	ANLYS	TEST	LOWEST	---STATUS---	QUAL INST

SYSTEM HVF VENTILATION - FUEL BUILDING

BOP EQUIPMENT  
AOD AIR OPERATED DAMPER

1HVF#AOD101	AIR OPERATED DAMPER QUALITY AIR DESIGN	215.480	ORB	HM	Y	NA	S	NA	39	1-34	A	Y
1HVF#AOD102	AIR OPERATED DAMPER QUALITY AIR DESIGN	215.480	ORB	HM	Y	NA	S	NA	39	1-34	A	Y
1HVF#AOD104	AIR OPERATED DAMPER QUALITY AIR DESIGN	215.480	ORB	HM	Y	NA	S	NA	39	1-34	A	Y
1HVF#AOD112	AIR OPERATED DAMPER QUALITY AIR DESIGN	215.480	ORB	HM	Y	NA	S	NA	39	1-34	A	Y
1HVF#AOD122	AIR OPERATED DAMPER QUALITY AIR DESIGN	215.480	ORB	HM	Y	NA	S	NA	39	1-34	A	Y
1HVF#AOD137	AIR OPERATED DAMPER QUALITY AIR DESIGN	215.480	ORB	HM	Y	NA	S	NA	39	1-34	A	Y
1HVF#AOD20A	AIR OPERATED DAMPER QUALITY AIR DESIGN	215.480	ORB	HM	Y	NA	S	NA	39	1-34	A	Y
1HVF#AOD20B	AIR OPERATED DAMPER QUALITY AIR DESIGN	215.480	ORB	HM	Y	NA	S	NA	39	1-34	A	Y
1HVF#AOD3A	AIR OPERATED DAMPER QUALITY AIR DESIGN	215.480	ORB	HM	Y	NA	S	NA	39	1-34	A	Y
1HVF#AOD3B	AIR OPERATED DAMPER QUALITY AIR DESIGN	215.480	ORB	HM	Y	NA	S	NA	39	1-34	A	Y
1HVF#AOD31A	AIR OPERATED DAMPER QUALITY AIR DESIGN	215.480	ORB	HM	Y	NA	S	NA	39	1-34	A	Y
1HVF#AOD31B	AIR OPERATED DAMPER QUALITY AIR DESIGN	215.480	ORB	HM	Y	NA	S	NA	39	1-34	A	Y
1HVF#AOD33A	AIR OPERATED DAMPER QUALITY AIR DESIGN	215.480	ORB	HM	Y	NA	S	NA	39	1-34	A	Y
1HVF#AOD33B	AIR OPERATED DAMPER QUALITY AIR DESIGN	215.480	ORB	HM	Y	NA	S	NA	39	1-34	A	Y
1HVF#AOD37A	AIR OPERATED DAMPER QUALITY AIR DESIGN	215.480	OPP	HM	Y	NA	S	NA	39	1-34	A	Y
1HVF#AOD37B	AIR OPERATED DAMPER QUALITY AIR DESIGN	215.480	ORB	HM	Y	NA	S	NA	39	1-34	A	Y

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  
N555 SUPPLIER: GENERAL ELECTRIC

DOCKET NO. 50-458

EQUIP. ID	DESCRIPTION MANUFACTURER	SPEC NO.	---LOCATION---		---LOADS---		-QUAL METH-	-NAT FREQ-	---RRS REF---	
			BLDG	ELEV MTG	SEIS	HYDR			ANLYS	TEST
*****										
SYSTEM HVF VENTILATION - FUEL BUILDING										
DMP										
1HVF*DMP1	MAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	ORB	HM	Y	NA	S	NA	50	1-34 A Y
1HVF*DMP12	TORNADO DAMPER QUALITY AIR DESIGN	215.480	ORB	DH	Y	NA	S	NA	50	1-34 A Y
1HVF*DMP13	TORNADO DAMPER QUALITY AIR DESIGN	215.480	ORB	DH	Y	NA	S	NA	50	1-34 A Y
1HVF*DMP14	TORNADO DAMPER QUALITY AIR DESIGN	215.480	ORB	DH	Y	NA	S	NA	50	1-34 A Y
1HVF*DMP15	TORNADO DAMPER QUALITY AIR DESIGN	215.480	ORB	DH	Y	NA	S	NA	50	1-34 A Y
1HVF*DMP16	TORNADO DAMPER QUALITY AIR DESIGN	215.480	ORB	DH	Y	NA	S	NA	50	1-34 A Y
1HVF*DMP17	TORNADO DAMPER QUALITY AIR DESIGN	215.480	ORB	DH	Y	NA	S	NA	50	1-34 A Y
1HVF*DMP18A	MAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	ORB	HM	Y	NA	S	NA	50	1-34 A Y
1HVF*DMP18B	MAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	ORB	HM	Y	NA	S	NA	50	1-34 A Y
1HVF*DMP18C	MAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	ORB	HM	Y	NA	S	NA	50	1-34 A Y
1HVF*DMP18D	MAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	ORB	HM	Y	NA	S	NA	50	1-34 A Y
1HVF*DMP18E	MAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	ORB	HM	Y	NA	S	NA	50	1-34 A Y
1HVF*DMP19	TORNADO DAMPER QUALITY AIR DESIGN	215.480	ORB	DH	Y	NA	S	NA	50	1-34 A Y
1HVF*DMP2	MAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	ORB	HM	Y	NA	S	NA	50	1-34 A Y
1HVF*DMP20	TORNADO DAMPER QUALITY AIR DESIGN	215.480	ORB	DH	Y	NA	S	NA	50	1-34 A Y
1HVF*DMP21	TORNADO DAMPER QUALITY AIR DESIGN	215.480	ORB	DH	Y	NA	S	NA	50	1-34 A Y
1HVF*DMP22	TORNADO DAMPER QUALITY AIR DESIGN	215.480	ORB	DH	Y	NA	S	NA	50	1-34 A 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	-----EQUIPMENT-----		---LOCATION---		---LOADS---		-QUAL METH-		-NAT FREQ-	----RRS REF----	
	DESCRIPTION	SPEC NO.	BLDG	ELEV HTG	SEIS	HYDR	ANLYS	TEST	LOWEST	---STATUS---	QUAL INST

SYSTEM HVF VENTILATION - FUEL BUILDING

DMP

1HVF*DMP3	MAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	ORB	HM	Y	NA	S	NA	50	1-34 A	Y
1HVF*DMP4A	MAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	ORB	HM	Y	NA	S	NA	50	1-34 A	Y
1HVF*DMP4B	MAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	ORB	HM	Y	NA	S	NA	50	1-34 A	Y
1HVF*DMP5A	BACKDRAFT DAMPER QUALITY AIR DESIGN	215.480	ORB	HM	Y	NA	S	NA	50	1-34 A	Y
1HVF*DMP5B	BACKDRAFT DAMPER QUALITY AIR DESIGN	215.480	ORB	HM	Y	NA	S	NA	50	1-34 A	Y
1HVF*DMP6	MAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	ORB	HM	Y	NA	S	NA	50	1-34 A	Y
1HVF*DMP7	MAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	ORB	HM	Y	NA	S	NA	50	1-34 A	Y
1HVF*DMP8	MAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	ORB	HM	Y	NA	S	NA	50	1-34 A	Y
1HVF*DMP9A	MAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	ORB	HM	Y	NA	S	NA	50	1-34 A	Y
1HVF*DMP9B	MAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	ORB	HM	Y	NA	S	NA	50	1-34 A	Y

DMPF

1HVF*DMPF1	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DH	Y	NA	S	HF	20	1-34 A	Y
1HVF*DMPF10	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	HM	Y	NA	S	HF	20	1-34 A	Y
1HVF*DMPF11	215.480 QUALITY AIR DESIGN	215.480	ORB	DH	Y	NA	S	HF	20	1-34 A	Y
1HVF*DMPF12	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DH	Y	NA	S	HF	20	1-34 A	Y
1HVF*DMPF13	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DH	Y	NA	S	HF	20	1-34 A	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	-----EQUIPMENT-----		---LOCATION---			---LOADS---		-QUAL METH-		-NAT FREQ-	----RRS REF----	
	DESCRIPTION MANUFACTURER	SPEC NO.	BLDG	ELEV	HTG	SEIS	HYDR	ANLYS	TEST	LOWEST	---	STATUS---

SYSTEM HVF VENTILATION - FUEL BUILDING

DMPF

1HVF*DMPF14	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB		DW	Y	NA	S	HF	20	1-34 A	Y
1HVF*DMPF15	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB		DW	Y	NA	S	HF	20	1-34 A	Y
1HVF*DMPF16	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB		DW	Y	NA	S	HF	20	1-34 A	Y
1HVF*DMPF17	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB		DW	Y	NA	S	HF	20	1-34 A	Y
1HVF*DMPF18	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB		DW	Y	NA	S	HF	20	1-34 A	Y
1HVF*DMPF2	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB		DW	Y	NA	S	HF	20	1-34 A	Y
1HVF*DMPF3	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB		DW	Y	NA	S	HF	20	1-34 A	Y
1HVF*DMPF4	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB		DW	Y	NA	S	HF	20	1-34 A	Y
1HVF*DMPF5	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB		DW	Y	NA	S	HF	20	1-34 A	Y
1HVF*DMPF6	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB		DW	Y	NA	S	HF	20	1-34 A	Y
1HVF*DMPF7	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB		DW	Y	NA	S	HF	20	1-34 A	Y
1HVF*DMPF8	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB		DW	Y	NA	S	HF	20	1-34 A	Y
1HVF*DMPF9	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB		DW	Y	NA	S	HF	20	1-34 A	Y

FE FLOW ELEMENT

1HVF*FE109	FLOW SWITCH FCI	247.433	FB	148	LM	Y	NA	NA	HF	NA	NA A	Y
1HVF*FE32A	FLOW SWITCH FCI	247.433	FB	148	LM	Y	NA	NA	HF	NA	NA A	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	-----EQUIPMENT-----		----LOCATION----			---LOADS---		-QUAL METH-		-NAT FREQ-	----RRS REF----	
	DESCRIPTION	SPEC NO.	BLDG	ELEV	HTG	SEIS	HYDR	ANLYS	TEST	LOWEST	---	STATUS---
	MANUFACTURER										QUAL	INST

SYSTEM HVF VENTILATION - FUEL BUILDING

FE FLOW ELEMENT

1HVF*FE32B	FLOW SWITCH FCI	247.433	FB	148	LH	Y	NA	NA	HF	NA	NA	A	Y
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FLT-

1HVF*FLT-2A	STANDBY GAS UNITS AMERICAN AIR FILTER	225.220	FB	150	CF	Y	NA	S	HF	20	19	A1	Y
1HVF*FLT-2B	STANDBY GAS UNITS AMERICAN AIR FILTER	225.220	FB	150	CF	Y	NA	S	HF	20	19	A1	Y

FN FAN

1HVF*FN3A	EXHAUST BLOWERS BUFFALO FORGE	215.400	FB	148	CF	Y	NA	S	NA	31	8	A	Y
1HVF*FN3B	EXHAUST BLOWERS BUFFALO FORGE	215.400	FB	148	CF	Y	NA	S	NA	31	19	A	Y
1HVF*FN7A	DECAY HEAT FANS BUFFALO FORGE	215.400	FB	148	CF	Y	NA	S	NA	112	19	A	Y
1HVF*FN7B	DECAY HEAT FANS BUFFALO FORGE	215.400	FB	148	CF	Y	NA	S	NA	112	19	A	Y

FS FLOW SWITCH

1HVF*FS109	FLOW SWITCH FCI	247.433	FB	148	LH	Y	NA	NA	HF	NA	NA	A	
1HVF*FS32A	FLOW SWITCH FCI	247.433	FB	148	LH	Y	NA	NA	HF	NA	NA	A	Y
1HVF*FS32B	FLOW SWITCH FCI	247.433	FB	148	LH	Y	NA	NA	HF	NA	NA	A	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  
NASS SUPPLIER: GENERAL ELECTRIC

DOCKET NO. 50-456

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

SYSTEM HVF VENTILATION - FUEL BUILDING

RTD RESISTANCE TEMPERATURE RECORDER

1HVF*RTD1A	THERMOCOUPLES RTD PYCO	247.461	FB	148	DH	Y	NA	NA	HF	50	19 A	Y
1HVF*RTD1B	THERMOCOUPLES RTD PYCO	247.461	FB	148	DH	Y	NA	NA	HF	50	19 A	Y
1HVF*RTD30A	THERMOCOUPLES RTD PYCO	247.461	FB	148	DH	Y	NA	NA	HF	50	19 A	Y
1HVF*RTD30B	THERMOCOUPLES RTD PYCO	247.461	FB	148	DH	Y	NA	NA	HF	50	19 A	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	-----EQUIPMENT-----		---LOCATION---		---LOADS---		-QUAL METH-		-NAT FREQ-	----RRS REF----	
	DESCRIPTION MANUFACTURER	SPEC NO.	BLDG	ELEV MTG	SEIS	HYDR	ANLYS	TEST	LOWEST	---STATUS---	QUAL INST

\*\*\*\*\*  
SYSTEM HVK CHILLED WATER - CONTROL BUILDIG OR AREA

BOP EQUIPMENT  
CHL LIQUID CHILLER

1HVK*CHL1A	LIQUID CHILLERS CARRIER CORP.	216.210	CB	98	CF	Y	NA	S	NA	24	7	A	Y
1HVK*CHL1B	LIQUID CHILLERS CARRIER CORP.	216.210	CB	98	CF	Y	NA	S	NA	24	7	A	Y
1HVK*CHL1C	LIQUID CHILLERS CARRIER CORP.	216.210	CB	98	CF	Y	NA	S	NA	24	7	A	Y
1HVK*CHL1D	LIQUID CHILLERS CARRIER CORP.	216.210	CB	98	CF	Y	NA	S	NA	24	7	A	Y

FTX

1HVK*FTX5A	PRESS TRANSHITT ROSEMOUNT	247.481	CB	98	RH	Y	NA	NA	HF	48	7	A	Y
1HVK*FTX5B	PRESS TRANSHITT ROSEMOUNT	247.481	CB	98	RH	Y	NA	NA	HF	48	7	A	Y
1HVK*FTX5C	PRESS TRANSHITT ROSEMOUNT	247.481	CB	98	RH	Y	NA	NA	HF	48	7	A	Y
1HVK*FTX5D	PRESS TRANSHITT ROSEMOUNT	247.481	CB	98	RH	Y	NA	NA	HF	48	7	A	Y

FTY

1HVK*FTY5A	PRESS TRANSHITT ROSEMOUNT	247.481	CB	98	RH	Y	NA	NA	HF	48	7	A	Y
1HVK*FTY5B	PRESS TRANSHITT ROSEMOUNT	247.481	CB	98	RH	Y	NA	NA	HF	48	7	A	Y
1HVK*FTY5C	PRESS TRANSHITT ROSEMOUNT	247.481	CB	98	RH	Y	NA	NA	HF	48	7	A	Y
1HVK*FTY5D	PRESS TRANSHITT ROSEMOUNT	247.481	CB	98	RH	Y	NA	NA	HF	48	7	A	Y

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	-----EQUIPMENT-----		---LOCATION---			---LOADS---		-QUAL METH-		-NAT FREQ-	---RRS REF---	
	DESCRIPTION MANUFACTURER	SPEC NO.	BLDG	ELEV	HTG	SEIS	HYDR	ANLYS	TEST	LOHEST	---	STATUS---

\*\*\*\*\*  
SYSTEM HVK CHILLED WATER - CONTROL BUILDIG OR AREA

LT LEVEL TRANSMITTER

1HVKwLT1A	PRESS TRANSMITT ROSEMOUNT	247.481	CB	98	RH	Y	NA	NA	HF	48	7	A	Y
1HVKwLT1B	PRESS TRANSMITT ROSEMOUNT	247.481	CB	98	RH	Y	NA	NA	HF	48	7	A	Y

MOV MOTOR OPERATED VALVE

1HVKwMOV10A	VALVE H.O. 2"-1500 LB VELAN	228.214	CB	098	LH	Y	NA	S	HF	78	NA	B	Y
1HVKwMOV10B	VALVE H.O. 2"-1500 LB VELAN	228.214	CB	098	LH	Y	NA	S	HF	78	NA	B	Y
1HVKwMOV11A	VALVE H.O. 2"-1500 LB VELAN	228.214	CB	098	LH	Y	NA	S	HF	78	NA	B	Y
1HVKwMOV11B	VALVE H.O. 2"-1500 LB VELAN	228.214	CB	098	LH	Y	NA	S	HF	78	NA	B	Y
1HVKwMOV20A	6"-150# BUTTERFLY JAMESBURY	228.243	CB	98	LH	Y	NA	D	NA	58	NA	A	Y
1HVKwMOV20B	6"-150# BUTTERFLY JAMESBURY	228.243	CB	98	LH	Y	NA	D	NA	58	NA	A	Y
1HVKwMOV20C	6"-150# BUTTERFLY JAMESBURY	228.243	CB	98	LH	Y	NA	D	NA	58	NA	A	Y
1HVKwMOV20D	6"-150# BUTTERFLY JAMESBURY	228.243	CB	98	LH	Y	NA	D	NA	58	NA	A	Y

P PUMP

1HVKwP1A	CENTRIFUGAL PUMPS GOULD PUMPS	237.160	CB	98	CF	Y	NA	S	NA	41	7	A	Y
1HVKwP1B	CENTRIFUGAL PUMPS GOULD PUMPS	237.160	CB	98	CF	Y	NA	S	NA	41	7	A	Y
1HVKwP1C	CENTRIFUGAL PUMPS GOULD PUMPS	237.160	CB	98	CF	Y	NA	S	NA	41	7	A	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	-----EQUIPMENT-----		---LOCATION---			---LOADS---		-QUAL METH-		-NAT FREQ-	---RRS REF---	
	DESCRIPTION	SPEC NO.	BLDG	ELEV	MTG	SEIS	HYDR	ANLYS	TEST	LOWEST	---STATUS---	
	MANUFACTURER										QUAL	INST

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SYSTEM HVK CHILLED WATER - CONTROL BUILDING OR AREA

P PUMP

1HVK*PID	CENTRIFUGAL PUMPS GOULD PUMPS	237.160	CB	98	CF	Y	NA	S	NA	41	7	A	Y
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PDCV

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1HVK*PDCV25A	2"-150# GLOBE FISHER CONTROLS	247.491	CB	070	LH	Y	NA				NA	D	Y
1HVK*PDCV25B	2"-150# GLOBE FISHER CONTROLS	247.491	CB	070	LH	Y	NA				NA	D	Y

RV

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1HVK*RV45A	RELIEF VALVES CROSBY	247.521	CB	98	LH	Y	NA	S	SO	105	NA	A1	Y
1HVK*RV45B	RELIEF VALVES CROSBY	247.521	CB	98	LH	Y	NA	S	SO	105	NA	A1	Y

TV TEMPERATURE VALVE

1HVK*TV16A	3"-150# GLOBE COPEES VULCAN	247.497	CB	115	LH	Y	NA	S	NA	91	NA	B	Y
1HVK*TV16B	3"-16B GLOBE COPEES VULCAN	247.497	CB	115	LH	Y	NA	S	NA	91	NA	B	Y
1HVK*TV17A	3"-150# GLOBE COPEES VULCAN	247.497	CB	070	LH	Y	NA	S	NA	91	NA	B	Y
1HVK*TV17B	3"-150# GLOBE COPEES VULCAN	247.497	CB	070	LH	Y	NA	S	NA	91	NA	B	Y
1HVK*TV18A	1 1/2"-150# GLOBE COPEES VULCAN	247.497	CB	098	LH	Y	NA	S	NA	91	NA	B	Y
1HVK*TV18B	1 1/2"-150# GLOBE COPEES VULCAN	247.497	CB	098	LH	Y	NA	S	NA	91	NA	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	-----EQUIPMENT-----		---LOCATION---		---LOADS---		-QUAL METH-		-NAT FREQ-	----RRS REF----	
	DESCRIPTION MANUFACTURER	SPEC NO.	BLDG	ELEV HTG	SEIS	HYDR	ANLYS	TEST	LOWEST	---STATUS---	QUAL INST

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SYSTEM HVN CHILLED WATER - VENTILATION

BCP EQUIPMENT  
MOV MOTOR OPERATED VALVE

1HVN*MOV102	VALVE H.O. 8"-600 LB VELAN	228.212	CT	141	LH	Y	Y	S	HF	49	NA A	Y
1HVN*MOV127	VALVE H.O. 8"-600 LB VELAN	228.212	CT	141	LH	Y	Y	S	HF	49	NA A	Y
1HVN*MOV128	VALVE H.O. 8"-600 LB VELAN	228.212	CT	141	LH	Y	Y	S	HF	49	NA A	Y
1HVN*MOV129	VALVE H.O. 8"-600 LB VELAN	228.212	CT	141	LH	Y	Y	S	HF	49	NA A	Y
1HVN*MOV130	VALVE H.O. 8"-600 LB VELAN	228.212	AB	141	LH	Y	Y	S	HF	49	NA A	Y
1HVN*MOV22A	VALVE H.O. 6"-600 LB VELAN	228.212	CT	162	LH	Y	Y	S	HF	54	NA A	Y
1HVN*MOV22B	VALVE H.O. 6"-600 LB VELAN	228.212	CT	162	LH	Y	Y	S	HF	54	NA A	Y

RV

1HVN*RV196	RELIEF VALVES CROSBY	247.521	RB	145	LH	Y	Y	S	SO	157	NA A	
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TV TEMPERATURE VALVE

1HVN*TV5A	4"-150# GLOBE FISHER CONTROLS	247.491	CT	164	LH	Y	Y				NA D	Y
1HVN*TV5B	4"-150# GLOBE FISHER CONTROLS	247.491	CT	164	LH	Y	Y				NA D	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	SPEC NO.	BLDG	ELEV	'TG	SEIS	HYDR	ANLYS	TEST	LOHEST	RRS REF	STATUS	QUAL	INST
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SYSTEM HVN CHILLED WATER - VENTILATION

TH

1HVN*TH1A	THERMOCOUPLES RTD PYCO	197.461	CT	164	LH	Y	Y	S	NA	50	NA	B1	Y	
1HVN*TH1B	THERMOCOUPLES RTD PYCO	197.461	CT	164	LH	Y	Y	S	NA	50	NA	B1	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	-----EQUIPMENT-----		---LOCATION---		---LOADS---		-QUAL METH-		-NAT FREQ-	-----RRS REF-----	
	DESCRIPTION	SPEC NO.	BLDG	ELEV MTG	SEIS	HYDR	ANLYS	TEST	LOWEST	---	STATUS---
	MANUFACTURER									QUAL	INST

SYSTEM HVP VENTILATION - DIESEL GENERATOR BUILDING

BOP EQUIPMENT

AOD AIR OPERATED DAMPER

1HVP*AOD11A	AIR OPERATED DAMPER QUALITY AIR DESIGN	215.480	ORB	HM	Y	NA	S	NA	39	1-34 A	Y
1HVP*AOD11B	AIR OPERATED DAMPER QUALITY AIR DESIGN	215.480	ORB	HM	Y	NA	S	NA	39	1-34 A	Y
1HVP*AOD11C	AIR OPERATED DAMPER QUALITY AIR DESIGN	215.480	ORB	HM	Y	NA	S	NA	39	1-34 A	Y

DMP

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1HVP*DMP10A	MAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	ORB	HM	Y	NA	S	NA	50	1-34 A	Y
1HVP*DMP10B	MAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	ORB	DW	Y	NA	S	NA	50	1-34 A	Y
1HVP*DMP11A	MAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	ORB	HM	Y	NA	S	NA	50	1-34 A	Y
1HVP*DMP4	MAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	ORB	HM	Y	NA	S	NA	50	1-34 A	Y
1HVP*DMP5	MAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	ORB	HM	Y	NA	S	NA	50	1-35 A	Y
1HVP*DMP6	MAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	ORB	HM	Y	NA	S	NA	50	1-34 A	Y
1HVP*DMP7A	MAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	ORB	HM	Y	NA	S	NA	50	1-34 A	Y
1HVP*DMP7B	MAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	ORB	HM	Y	NA	S	NA	50	1-34 A	Y
1HVP*DMP8	MAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	ORB	HM	Y	NA	S	NA	50	1-34 A	Y
1HVP*DMP9A	MAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	ORB	HM	Y	NA	S	NA	50	1-34 A	Y
1HVP*DMP9B	MAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	ORB	HM	Y	NA	S	NA	50	1-34 A	Y
1HVP*DMP9C	MAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	ORB	HM	Y	NA	S	NA	50	1-34 A	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	SPEC NO.	BLDG	ELEV	MTG	SEIS	HYDR	ANLYS	TEST	NAT FREQ- LOWEST	RRS REF- ---STATUS--- QUAL INST
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SYSTEM HVP VENTILATION - DIESEL GENERATOR BUILDING

DMPF

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1HVP*DMPF1	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DH	Y	NA	S	MF	20	1-34 A
1HVP*DMPF10	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DH	Y	NA	S	MF	20	1-34 A
1HVP*DMPF11	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DH	Y	NA	S	MF	20	1-34 A
1HVP*DMPF12	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DH	Y	NA	S	MF	20	1-34 A
1HVP*DMPF13	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DH	Y	NA	S	MF	20	1-34 A
1HVP*DMPF14	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DH	Y	NA	S	MF	20	1-34 A
1HVP*DMPF2	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DH	Y	NA	S	MF	20	1-34 A
1HVP*DMPF3	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DH	Y	NA	S	MF	20	1-34 A
1HVP*DMPF4	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DH	Y	NA	S	MF	20	1-34 A
1HVP*DMPF4A	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DH	Y	NA	S	MF	20	1-34 A
1HVP*DMPF4B	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DH	Y	NA	S	MF	20	1-34 A
1HVP*DMPF4C	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DH	Y	NA	S	MF	20	1-34 A
1HVP*DMPF5	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DH	Y	NA	S	MF	20	1-34 A
1HVP*DMPF5A	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DH	Y	NA	S	MF	20	1-34 A
1HVP*DMPF5B	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DH	Y	NA	S	MF	20	1-34 A
1HVP*DMPF5C	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DH	Y	NA	S	MF	20	1-34 A
1HVP*DMPF6	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DH	Y	NA	S	MF	20	1-34 A

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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	-----EQUIPMENT-----		---LOCATION---		---LOADS---		-QUAL METH-		-NAT FREQ-	----RRS REF----	
	DESCRIPTION MANUFACTURER	SPEC NO.	BLDG	ELEV MTG	SEIS	HYDR	ANLYS	TEST	LOHEST	---	STATUS---
										QUAL	INST

SYSTEM HVP VENTILATION - DIESEL GENERATOR BUILDING

DMPF

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1HVP*DMPF7	FIRE DAMPER QUALITY AIR DESIGN	215.400	ORB	DH	Y	NA	S	HF	20	1-34 A	
1HVP*DMPF8	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DH	Y	NA	S	HF	20	1-34 A	
1HVP*DMPF9	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DH	Y	NA	S	HF	20	1-34 A	

FN FAN

1HVP*FN2A	EXHAUST FAN BUFFALO FORGE	215.350	DG	117	DH	Y	NA	S	NA	38	14 A	Y
1HVP*FN2B	EXHAUST FAN BUFFALO FORGE	215.350	DG	117	DH	Y	NA	S	NA	38	14 A	Y
1HVP*FN3A	EXHAUST FAN BUFFALO FORGE	215.350	DG	117	DH	Y	NA	S	NA	38	14 A	Y
1HVP*FN3B	EXHAUST FAN BUFFALO FORGE	215.350	DG	117	DH	Y	NA	S	NA	38	14 A	Y
1HVP*FN6A	SUPPLY AIR BLOWER BUFFALO FORGE	215.400	DG	193	CF	Y	NA	S	NA	37	14 A	Y
1HVP*FN6B	SUPPLY AIR BLOWER BUFFALO FORGE	215.400	DG	198	CF	Y	NA	S	NA	37	14 A	Y
1HVP*FN6C	SUPPLY AIR BLOWER BUFFALO FORGE	215.400	DG	98	CF	Y	NA	S	NA	37	14 A	Y

PNL PANEL

1HVP*PNL12A	CONTROL BOARDS ELECTRO MECHANICS	242.444	DG	98	DH	Y	NA	S	HF		13 B1	Y
1HVP*PNL12B	CONTROL BOARDS ELECTRO MECHANICS	242.444	DG	98	DH	Y	NA	S	HF		13 B1	Y
1HVP*PNL12C	CONTROL BOARDS ELECTRO MECHANICS	242.444	DG	98	DH	Y	NA	S	HF		13 B1	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	-----EQUIPMENT-----		---LOCATION---			---LOADS---		-QUAL METH-		-NAT FREQ-	----RRS REF----	
	DESCRIPTION	SPEC NO.	BLDG	ELEV	MTG	SEIS	HYDR	ANLYS	TEST	LOWEST	---	STATUS---
	MANUFACTURER										QUAL	INST

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SYSTEM HVP VENTILATION - DIESEL GENERATOR BUILDING

RTD RESISTANCE TEMPERATURE RECORDER

1HVP*RTD10A	THERMOCOUPLES RTD PYCO	247.461	DG	98	DM	Y	NA	NA	MF	50	12 A	Y
1HVP*RTD10B	THERMOCOUPLES RTD PYCO	247.461	DG	98	DM	Y	NA	NA	MF	50	12 A	Y
1HVP*RTD10C	THERMOCOUPLES RTD PYCO	247.461	DG	98	DM	Y	NA	NA	MF	50	12 A	Y
1HVP*RTD8A	THERMOCOUPLES RTD PYCO	247.461	DG	98	DM	Y	NA	NA	MF	50	12 A	Y
1HVP*RTD8B	THERMOCOUPLES RTD PYCO	247.461	DG	98	DM	Y	NA	NA	MF	50	12 A	Y
1HVP*RTD8C	THERMOCOUPLES RTD PYCO	247.461	DG	98	DM	Y	NA	NA	MF	50	12 A	Y



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

SYSTEM HVR VENTILATION - REACTOR PLANT

BOP EQUIPMENT

AOD AIR OPERATED DAMPER

1HVR*AOD10A	AIR OPERATED DAMPER QUALITY AIR DESIGN	215.480	ORB	HH	Y	NA	S	NA	39	1-34 A	Y
1HVR*AOD10B	AIR OPERATED DAMPER QUALITY AIR DESIGN	215.480	ORB	HH	Y	NA	S	NA	39	1-34 A	Y
1HVR*AOD142	AIR OPERATED DAMPER QUALITY AIR DESIGN	215.480	ORB	HH	Y	NA	S	NA	39	1-34 A	Y
1HVR*AOD143	AIR OPERATED DAMPER QUALITY AIR DESIGN	215.480	ORB	HH	Y	NA	S	NA	39	1-34 A	Y
1HVR*AOD161	AIR OPERATED DAMPER QUALITY AIR DESIGN	215.480	ORB	HH	Y	NA	S	NA	39	1-34 A	Y
1HVR*AOD162	AIR OPERATED DAMPER QUALITY AIR DESIGN	215.480	ORB	HH	Y	NA	S	NA	39	1-34 A	Y
1HVR*AOD164	AIR OPERATED DAMPER QUALITY AIR DESIGN	215.480	ORB	HH	Y	NA	S	NA	39	1-34 A	Y
1HVR*AOD18A	AIR OPERATED DAMPER QUALITY AIR DESIGN	215.480	ORB	HH	Y	NA	S	NA	39	1-34 A	Y
1HVR*AOD18B	AIR OPERATED DAMPER QUALITY AIR DESIGN	215.480	ORB	HH	Y	NA	S	NA	39	1-34 A	Y
1HVR*AOD214	AIR OPERATED DAMPER QUALITY AIR DESIGN	215.480	ORB	HH	Y	NA	S	NA	39	1-34 A	Y
1HVR*AOD22A	AIR OPERATED DAMPER QUALITY AIR DESIGN	215.480	ORB	HH	Y	NA	S	NA	39	1-34 A	Y
1HVR*AOD22B	AIR OPERATED DAMPER QUALITY AIR DESIGN	215.480	ORB	HH	Y	NA	S	NA	39	1-34 A	Y
1HVR*AOD23A	AIR OPERATED DAMPER QUALITY AIR DESIGN	215.480	ORB	HH	Y	NA	S	NA	39	1-34 A	Y
1HVR*AOD23B	AIR OPERATED DAMPER QUALITY AIR DESIGN	215.480	ORB	HH	Y	NA	S	NA	39	1-34 A	Y
1HVR*AOD245	AIR OPERATED DAMPER QUALITY AIR DESIGN	215.480	ORB	HH	Y	NA	S	NA	39	1-34 A	Y
1HVR*AOD249	AIR OPERATED DAMPER QUALITY AIR DESIGN	215.480	ORB	HH	Y	NA	S	NA	39	1-34 A	Y
1HVR*AOD261	AIR OPERATED DAMPER QUALITY AIR DESIGN	215.480	ORB	HH	Y	NA	S	NA	39	1-34 A	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	SPEC NO.	BLDG	ELEV	MTG	SEIS	HYDR	ANLYS	TEST	NAT FREQ- LOWEST	RRS REF- ---STATUS---	QUAL INST
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SYSTEM HVR VENTILATION - REACTOR PLANT

BOP EQUIPMENT  
AOD AIR OPERATED DAMPER

1HVR*AOD262	AIR OPERATED DAMPER QUALITY AIR DESIGN	215.480	ORB		HH	Y	NA	S	NA	39	1-34 A	Y
1HVR*AOD263	AIR OPERATED DAMPER QUALITY AIR DESIGN	215.480	ORB		HH	Y	NA	S	NA	39	1-34 A	Y
1HVR*AOD264	AIR OPERATED DAMPER QUALITY AIR DESIGN	215.480	ORB		HH	Y	NA	S	NA	39	1-34 A	Y
1HVR*AOD51A	AIR OPERATED DAMPER QUALITY AIR DESIGN	215.480	ORB		HH	Y	NA	S	NA	38	1-34 A	Y
1HVR*AOD51B	AIR OPERATED DAMPER QUALITY AIR DESIGN	215.480	ORB		HH	Y	NA	S	NA	39	1-34 A	Y
1HVR*AOD53A	AIR OPERATED DAMPER QUALITY AIR DESIGN	215.480	ORB		HH	Y	NA	S	NA	39	1-34 A	Y
1HVR*AOD53B	AIR OPERATED DAMPER QUALITY AIR DESIGN	215.480	ORB		HH	Y	NA	S	NA	39	1-34 A	Y

AOV AIR OPERATED VALVE

1HVR*AOV123	36"-150# BUTTERFLY POSI SEAL	228.241	CT	141	LH	Y	Y	D	NA	37	NA A	Y
1HVR*AOV125	24"-150# BUTTERFLY POSI SEAL	228.241	CT	141	LH	Y	Y	D	NA	72	NA A	Y
1HVR*AOV126	24"-150# BUTTERFLY POSI SEAL	228.241	CT	141	LH	Y	Y	D	NA	83	NA A	Y
1HVR*AOV128	36"-150# BUTTERFLY POSI SEAL	228.241	CT	141	LH	Y	Y	D	NA	60	NA A	Y
1HVR*AOV147	24"-150# BUTTERFLY POSI SEAL	223.241	CT	141	LH	Y	Y	D	NA	72	NA A	Y
1HVR*AOV148	24"-150# BUTTERFLY POSI SEAL	228.241	CT	141	LH	Y	Y	D	NA	83	NA A	Y
1HVR*AOV165	36"-150# BUTTERFLY POSI SEAL	228.241	AB	141	LH	Y	Y	D	NA	41	NA A	Y
1HVR*AOV166	36"-150# BUTTERFLY POSI SEAL	228.241	AB	141	LH	Y	Y	D	NA	41	NA A	Y

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

SYSTEM HVR VENTILATION - REACTOR PLANT

DMP

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1HVR*DMP1	MAN. BACKDRAFT DAMPER QUALITY AIR DESIGN	215.480	CT	182	HM	Y	Y	S	NA	39	48,49	A	Y
1HVR*DMP100	ISOLATION DAMPER QUALITY AIR DESIGN	215.480	ORB		HH	Y	NA	S	NA	100	1-34	A	Y
1HVR*DMP101	ISOLATION DAMPER QUALITY AIR DESIGN	215.480	ORB		HH	Y	NA	S	NA	100	1-34	A	Y
1HVR*DMP11	MAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	SB	99	HM	Y	Y	S	NA	39	37,44	A	Y
1HVR*DMP13	MAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	SB	108	HM	Y	Y	S	NA	39	37,44	A	Y
1HVR*DMP14	PRESSURE RELIEF DAMPER QUALITY AIR DESIGN	215.480	CT	176	HM	Y	Y	S	NA	39	48,49	A	Y
1HVR*DMP15	PRESSURE RELIEF DAMPER QUALITY AIR DESIGN	215.480	CT	176	HM	Y	Y	S	NA	39	48,49	A	Y
1HVR*DMP16	MAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	SB	108	HM	Y	Y	S	NA	39	37,44	A	Y
1HVR*DMP18	MAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	SB	128	HM	Y	Y	S	NA	39	37,38	A	Y
1HVR*DMP19	MAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	SB	163	HM	Y	Y	S	NA	39	39,40	A	Y
1HVR*DMP2	MAN. BACKDRAFT DAMPER QUALITY AIR DESIGN	215.480	CT	182	HM	Y	Y	S	NA	39	48,49	A	Y
1HVR*DMP20	MAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	SB	155	HM	Y	Y	S	NA	39	39,40	A	Y
1HVR*DMP21	MAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	SB	163	HM	Y	Y	S	NA	39	39,40	A	Y
1HVR*DMP22	MAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	SB	232	HM	Y	Y	S	NA	39	42,43	A	Y
1HVR*DMP23	MAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	SB	232	HM	Y	Y	S	NA	39	42,43	A	Y
1HVR*DMP24	MAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	SB	232	HM	Y	Y	S	NA	39	42,43	A	Y
1HVR*DMP25	MAN. BAL. DAMP. QUALITY AIR DESIGN	215.480	SB	232	HM	Y	Y	S	NA	39	42,43	A	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  
NESS SUPPLIER: GENERAL ELECTRIC

DOCKET NO. 50-058

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

SYSTEM HVR VENTILATION - REACTOR PLANT

DMP

1HVR*DMP27	MAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	ORB		HM	Y	NA	S	NA	39	1-34 A	Y
1HVR*DMP28	MAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	ORB		HM	Y	NA	S	NA	39	1-34 A	Y
1HVR*DMP29	MAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	ORB		HM	Y	NA	S	NA	39	1-34 A	Y
1HVR*DMP3	MAN. BACKDRAFT DAMPER QUALITY AIR DESIGN	215.480	CT	182	HM	Y	Y	S	NA	39	48,49 A	Y
1HVR*DMP30	MAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	ORB		HM	Y	NA	S	NA	39	1-34 A	Y
1HVR*DMP32	MAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	ORB		HM	Y	NA	S	NA	39	1-34 A	Y
1HVR*DMP33	MAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	ORB		HM	Y	NA	S	NA	39	1-34 A	Y
1HVR*DMP34	MAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	ORB		HM	Y	NA	S	NA	39	1-34 A	Y
1HVR*DMP35	MAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	ORB		HM	Y	NA	S	NA	39	1-34 A	Y
1HVR*DMP38	MAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	ORB		HM	Y	NA	S	NA	39	1-34 A	Y
1HVR*DMP39	MAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	ORB		HM	Y	NA	S	NA	39	1-34 A	Y
1HVR*DMP4	MAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	CT	183	HM	Y	Y	S	NA	39	49,49 A	Y
1HVR*DMP41	MAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	ORB		HM	Y	NA	S	NA	39	1-34 A	Y
1HVR*DMP42	MAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	ORB		HM	Y	NA	S	NA	39	1-34 A	Y
1HVR*DMP43	MAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	SB	224	HM	Y	Y	S	NA	39	42,43 A	Y
1HVR*DMP44	MAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	SB	224	HM	Y	Y	S	NA	39	42,43 A	Y
1HVR*DMP46	MAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	AB	224	HM	Y	NA	S	NA	39	5 A	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 & HEBSTER  
NSSS SUPPLIER: GENERAL ELECTRIC

DOCKET NO. 50-458

EQUIP. ID	-----EQUIPMENT-----		---LOCATION---		---LOADS---		-QUAL METH-		-NAT FREQ-	----RRS REF----	
	DESCRIPTION MANUFACTURER	SPEC NO.	BLDG	ELEV MTG	SEIS	HYDR	ANLYS	TEST	LOWES'	---STATUS---	QUAL INST
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SYSTEM HVR VENTILATION - REACTOR PLANT											
DMP *											
1HVR*DMP47	MAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	ORB	HH	Y	NA	S	NA	39	1-34	Y
1HVR*DMP48	MAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	ORB	HH	Y	NA	S	NA	39	1-34	Y
1HVR*DMP49	MAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	ORB	HH	Y	NA	S	NA	39	1-34	Y
1HVR*DMP5	MAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	CT	179	HH	Y	Y	S	NA	48,49	Y
1HVR*DMP50	MAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	ORB	HH	Y	NA	S	NA	39	1-34	Y
1HVR*DMP51	MAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	ORB	HH	Y	NA	S	NA	39	1-34	Y
1HVR*DMP52	MAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	ORB	HH	Y	NA	S	NA	39	1-34	Y
1HVR*DMP53	MAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	ORB	HH	Y	NA	S	NA	39	1-31	Y
1HVR*DMP54	MAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	ORB	HH	Y	NA	S	NA	39	1-34	Y
1HVR*DMP55	MAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	ORB	HH	Y	NA	S	NA	39	1-34	Y
1HVR*DMP56	MAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	ORB	HH	Y	NA	S	NA	39	1-34	Y
1HVR*DMP57	MAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	ORB	HH	Y	NA	S	NA	39	1-34	Y
1HVR*DMP6	MAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	CT	162	HH	Y	Y	S	NA	48,49	Y
1HVR*DMP63	MAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	ORB	HH	Y	NA	S	NA	39	1-34	Y
1HVR*DMP64	MAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	ORB	HH	Y	NA	S	NA	39	1-34	Y
1HVR*DMP67	MAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	ORB	HH	Y	NA	S	NA	39	1-	Y
1HVR*DMP68	TORNADO DAMPER QUALITY AIR DESIGN	215.480	ORB	DH	Y	NA	S	NA	50	1-	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	-----EQUIPMENT-----		---LOCATION---		---LOADS---		-QUAL METH-		-NAT FREQ-	---RRS REF---		
	DESCRIPTION MANUFACTURER	SPEC NO.	BLDG	ELEV HTG	SEIS	HYDR	ANLYS	TEST	LOHEST	---STATUS---	QUAL INST	
*****												
SYSTEM HVR VENTILATION - REACTOR PLANT												
DMP											*	
1HVR*DMP7	MAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	ORB	HM	Y	NA	S	NA	39	1-34 A		
1HVR*DMP70	TORNADO DAMPER QUALITY AIR DESIGN	215.480	ORB	DH	Y	NA	S	NA	50	1-34 A	Y	
1HVR*DMP71	TORNADO DAMPER QUALITY AIR DESIGN	215.480	ORB	DH	Y	NA	S	NA	50	1-34 A	Y	
1HVR*DMP72	TORNADO DAMPER QUALITY AIR DESIGN	215.480	ORB	DH	Y	NA	S	NA	50	1-34 A	Y	
1HVR*DMP73	TORNADO DAMPER QUALITY AIR DESIGN	215.480	ORB	DH	Y	NA	S	NA	50	1-34 A	Y	
1HVR*DMP75	TORNADO DAMPER QUALITY AIR DESIGN	215.480	ORB	DH	Y	NA	S	NA	50	1-34 A	Y	
1HVR*DMP77	TORNADO DAMPER QUALITY AIR DESIGN	215.480	ORB	DH	Y	NA	S	NA	50	1-34 A	Y	
1HVR*DMP8	MAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	ORB	HM	Y	NA	S	NA	39	1-34 A		
1HVR*DMP80	TORNADO DAMPER QUALITY AIR DESIGN	215.480	ORB	DH	Y	NA	S	NA	50	1-34 A	Y	
1HVR*DMP82	TORNADO DAMPER QUALITY AIR DESIGN	215.480	ORB	DH	Y	NA	S	NA	50	1-34 A	Y	
1HVR*DMP84	TORNADO DAMPER QUALITY AIR DESIGN	215.480	ORB	DH	Y	NA	S	NA	50	1-34 A	Y	
1HVR*DMP85	TORNADO DAMPER QUALITY AIR DESIGN	215.480	ORB	DH	Y	NA	S	NA	50	1-34 A	Y	
1HVR*DMP86	TORNADO DAMPER QUALITY AIR DESIGN	215.480	ORB	DH	Y	NA	S	NA	50	1-34 A	Y	
1HVR*DMP87	TORNADO DAMPER QUALITY AIR DESIGN	215.480	ORB	DH	Y	NA	S	NA	50	1-34 A	Y	
1HVR*DMP88	TORNADO DAMPER QUALITY AIR DESIGN	215.480	ORB	DH	Y	NA	S	NA	50	1-34 A	Y	
1HVR*DMP89	TORNADO DAMPER QUALITY AIR DESIGN	215.480	ORB	DH	Y	NA	S	NA	50	1-34 A	Y	
1HVR*DMP9	MAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	SB	98	DH	Y	Y	S	NA	39	1-34 A	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	-----EQUIPMENT-----		---LOCATION---		---LOADS---			-QUAL METH-	-NAT FREQ-	----RRS REF----	
	DESCRIPTION MANUFACTURER	SPEC NO.	BLDG	ELEV MTG	SEIS	HYDR	ANLYS	TEST	LOWEST	---	STATUS---
*****											

SYSTEM HVR VENTILATION - REACTOR PLANT

DMP

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1HVR*DMP90	TORNADO DAMPER QUALITY AIR DESIGN	215.480	ORB	DW	Y	NA	S	NA	50	1-34 A	Y
1HVR*DMP91	TORNADO DAMPER QUALITY AIR DESIGN	215.480	ORB	DW	Y	NA	S	NA	50	1-34 A	Y
1HVR*DMP93	TORNADO DAMPER QUALITY AIR DESIGN	215.480	ORB	DW	Y	NA	S	NA	50	1-34 A	Y
1HVR*DMP94	TO DO DAMPER QUALITY AIR DESIGN	215.480	ORB	DW	Y	NA	S	NA	50	1-34 A	Y
1HVR*DMP96	TORNADO DAMPER QUALITY AIR DESIGN	215.480	ORB	DW	Y	NA	S	NA	50	1-34 A	Y
1HVR*DMP98	MAN. BAL. DAMPER QUALITY AIR DESIGN	215.480	ORB	HH	Y	NA	S	NA	50	1-34 A	Y
1HVR*DMP99	ISOLATION DAMPER QUALITY AIR DESIGN	215.480	ORB	HH	Y	NA	S	NA	40	1-34 A	Y

DMPF

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1HVR*DMPF1	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DW	Y	NA	S	HF	>1000	1-34 A	Y
1HVR*DMPF10	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DW	Y	NA	S	HF	>1000	1-34 A	Y
1HVR*DMPF11	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DW	Y	NA	S	HF	>1000	1-34 A	Y
1HVR*DMPF12	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DW	Y	NA	S	HF	>1000	1-34 A	Y
1HVR*DMPF13	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DW	Y	NA	S	HF	>1000	1-34 A	Y
1HVR*DMPF14	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DW	Y	NA	S	HF	>1000	1-34 A	Y
1HVR*DMPF15	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DW	Y	NA	S	HF	>1000	1-34 A	Y
1HVR*DMPF16	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DW	Y	NA	S	HF	>1000	1-34 A	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. 5P-58

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

SYSTEM HVR VENTILATION - REACTOR PLANT

DMPF

1HVR*DMPF17	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DH	Y	NA	S	MF	>1000	1-34 A	Y
1HVR*DMPF18	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DH	Y	NA	S	MF	>1000	1-34 A	Y
1HVR*DMPF2	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DH	Y	NA	S	MF	>1000	1-34 A	Y
1HVR*DMPF21	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DH	Y	NA	S	MF	>1000	1-34 A	Y
1HVR*DMPF22	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DH	Y	NA	S	MF	>1000	1-34 A	Y
1HVR*DMPF23	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DH	Y	NA	S	MF	>1000	1-34 A	Y
1HVR*DMPF24	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DH	Y	NA	S	MF	>1000	1-34 A	Y
1HVR*DMPF25	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DH	Y	NA	S	MF	>1000	1-34 A	Y
1HVR*DMPF26	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DH	Y	NA	S	MF	>1000	1-34 A	Y
1HVR*DMPF27	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DH	Y	NA	S	MF	>1000	1-34 A	Y
1HVR*DMPF28	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DH	Y	NA	S	MF	>1000	1-34 A	Y
1HVR*DMPF29	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DH	T	NA	S	MF	>1000	1-34 A	Y
1HVR*DMPF3	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DH	Y	NA	S	MF	>1000	1-34 A	Y
1HVR*DMPF30	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DH	Y	NA	S	MF	>1000	1-34 A	Y
1HVR*DMPF31	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DH	Y	NA	S	MF	>1000	1-34 A	Y
1HVR*DMPF32	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DH	Y	NA	S	MF	>1000	1-34 A	Y
1HVR*DMPF33	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DH	Y	NA	S	MF	>1000	1-34 A	Y

10/17/84

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

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SYSTEM HVR VENTILATION - REACTOR PLANT

DMPF

1HVR*DMPF34	FIRE DAMPER QUALITY AIR DESIGN		215.480	ORB	DH	Y	NA	S	MF	>1000	1-34 A	Y
1HVR*DMPF35	FIRE DAMPER QUALITY AIR DESIGN		215.480	OPB	DH	Y	NA	S	MF	>1000	1-34 A	Y
1HVR*DMPF36	FIRE DAMPER QUALITY AIR DESIGN		215.480	ORB	DH	Y	NA	S	MF	>1000	1-34 A	Y
1HVR*DMPF37	FIRE DAMPER QUALITY AIR DESIGN		215.480	ORB	DH	Y	NA	S	MF	>1000	1-34 A	Y
1HVR*DMPF38	FIRE DAMPER QUALITY AIR DESIGN		215.480	ORB	DH	Y	NA	S	MF	>1000	1-34 A	Y
1HVR*DMPF39	FIRE DAMPER QUALITY AIR DESIGN		215.480	ORB	DH	Y	NA	S	MF	>1000	1-34 A	Y
1HVR*DMPF40	FIRE DAMPER QUALITY AIR DESIGN		215.480	ORB	DH	Y	NA	S	MF	>1000	1-34 A	Y
1HVR*DMPF41	FIRE DAMPER QUALITY AIR DESIGN		215.480	ORB	DH	Y	NA	S	MF	>1000	1-34 A	Y
1HVR*DMPF42	FIRE DAMPER QUALITY AIR DESIGN		215.480	ORB	DH	Y	NA	S	MF	>1000	1-34 A	Y
1HVR*DMPF43	FIRE DAMPER QUALITY AIR DESIGN		215.480	ORB	DH	Y	NA	S	MF	>1000	1-34 A	Y
1HVR*DMPF44	FIRE DAMPER QUALITY AIR DESIGN		215.480	ORB	DH	Y	NA	S	MF	>1000	1-34 A	Y
1HVR*DMPF45	FIRE DAMPER QUALITY AIR DESIGN		215.480	ORB	DH	Y	NA	S	MF	>1000	1-34 A	Y
1HVR*DMPF46	FIRE DAMPER QUALITY AIR DESIGN		215.480	ORB	DH	Y	NA	S	MF	>1000	1-34 A	Y
1HVR*DMPF47	FIRE DAMPER QUALITY AIR DESIGN		215.480	ORB	DH	Y	NA	S	MF	>1000	1-34 A	Y
1HVR*DMPF48	FIRE DAMPER QUALITY AIR DESIGN		215.480	ORB	DH	Y	NA	S	MF	>1000	1-34 A	Y
1HVR*DMPF49	FIRE DAMPER QUALITY AIR DESIGN		215.480	ORB	DH	Y	NA	S	MF	>1000	1-34 A	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	-----EQUIPMENT-----		---LOCATION---		---LOADS---		-QUAL METH-		-NAT FREQ-	----RPS REF----	
	DESCRIPTION	SPEC NO.	BLDG	ELEV	MTG	SEIS	HYDR	ANLYS	TEST	LOWEST	---STATUS---

SYSTEM HVR VENTILATION - REACTOR PLANT

DMPF

1HVR*DMPF50	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB		DW	Y	NA	S	MF	>100J	1-34 A	Y
1HVR*DMPF51	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB		DW	Y	NA	S	MF	>1000	1-34 A	Y
1HVR*DMPF52	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB		DW	Y	NA	S	MF	>1000	1-34 A	Y
1HVR*DMPF53	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB		DW	Y	NA	S	MF	>1000	1-34 A	Y
1HVR*DMPF54	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB		DW	Y	NA	S	MF	>1000	1-34 A	Y
1HVR*DMPF55	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB		DW	Y	NA	S	MF	>1000	1-34 A	Y
1HVR*DMPF56	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB		DW	Y	NA	S	MF	>1000	1-34 A	Y
1HVR*DMPF57	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB		DW	Y	NA	S	MF	>1000	1-34 A	Y
1HVR*DMPF58	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB		DW	Y	NA	S	MF	>1000	1-34 A	Y
1HVR*DMPF59	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB		DW	Y	NA	S	MF	>1000	1-34 A	Y
1HVR*DMPF60	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB		DW	Y	NA	S	MF	>1000	1-34 A	Y
1HVR*DMPF61	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB		DW	Y	NA	S	MF	>1000	1-34 A	Y
1HVR*DMPF62	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB		DW	Y	NA	S	MF	>1000	1-34 A	Y
1HVR*DMPF63	FIRE DAMPER QUALITY AIR DESIGN	215.480	SB	177	DW	Y	Y	S	MF	>1000	40,41 A	Y
1HVR*DMPF64	FIRE DAMPER QUALITY AIR DESIGN	215.480	SB	163	DW	Y	Y	S	MF	>1000	48,49 A	Y
1HVR*DMPF65	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB		DW	Y	NA	S	MF	>1000	1-34 A	Y
1HVR*DMPF66	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB		DW	Y	NA	S	MF	>1000	1-34 A	Y



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JOC NAME RBS - UNIT 1  
UTILITY GULF STATES

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

ENGINEER: STONE & WEBSTER  
N555 SUPPLIER: GENERAL ELECTRIC

DUCKET NO. 50-458

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

SYSTEM HVR VENTILATION - REACTOR PLANT

DMPF

1HVR*DMPF67	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB		DH	Y	NA	S	MF	>1000	1-34 A	Y
1HVR*DMPF68	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB		DH	Y	NA	S	MF	>1000	1-34 A	Y
1HVR*DMPF69	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB		DH	Y	NA	S	MF	>1000	1-34 A	
1HVR*DMPF7	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB		DH	Y	NA	S	MF	>1000	1-34 A	
1HVR*DMPF8	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB		DH	Y	NA	S	MF	>1000	1-34 A	

FE FLOW ELEMENT

1HVR*FE111	FLOW SWITCH FCI	247.433	AB	170	LH	Y	NA	NA	MF	NA	NA A	Y
1HVR*FE113	FLOW SWITCH FCI	247.433	AB	170	LH	Y	NA	NA	MF	NA	NA A	
1HVR*FE163	FLOW SWITCH FCI	247.433	AB	170	LH	Y	NA	NA	MF	NA	NA A	
1HVR*FE28A	FLOW SWITCH FCI	247.433	RB	162	LH	Y	Y	NA	MF	NA	NA A	Y
1HVR*FE28B	FLOW SWITCH FCI	247.433	RB	162	LH	Y	Y	NA	MF	NA	NA A	Y
1HVR*FE28C	FLOW SWITCH FCI	247.433	RB	162	LH	Y	Y	NA	MF	NA	NA A	Y
1HVR*FE29A	FLOW SWITCH FCI	247.433	AB	141	LH	Y	NA	NA	MF	NA	NA A	
1HVR*FE29B	FLOW SWITCH FCI	247.433	AB	141	LH	Y	NA	NA	MF	NA	NA A	
1HVR*FE56A	FLOW SWITCH FCI	247.433	AB	141	LH	Y	NA	NA	MF	NA	NA A	
1HVR*FE56B	FLOW SWITCH FCI	247.433	AB	141	LH	Y	NA	NA	MF	NA	NA A	

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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  
HSSS SUPPLIER: GENERAL ELECTRIC

DOCKET NO. 50-458

EQUIP. ID	DESCRIPTION MANUFACTURER	SPEC NO.	BLDG	ELEV	MTG	SEIS	HYDR	ANLYS	TEST	NAT FREQ- LOWEST	RRS REF- STATUS- QUAL INST
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SYSTEM HVR VENTILATION - REACTOR PLANT

FN FAN

1HVR*FN11A	MIXING FAN BUFFALO FORGE	215.400	AB	170	CF	Y	NA	S	NA	11	5 A Y
1HVR*FN11B	MIXING FAN BUFFALO FORGE	215.400	AB	170	CF	Y	NA	S	NA	11	5 A Y

FS FLOW SWITCH

1HVR*FS111	FLOW SWITCH FCI	247.433	AB	170	LH	Y	NA	NA	MF	NA	NA A Y
1HVR*FS113	FLOW SWITCH CI	247.433	AB	170	LH	Y	NA	NA	MF	NA	NA A Y
1HVR*FS163	FLOW SWITCH FCI	247.433	AB	170	LH	Y	NA	NA	MF	NA	NA A Y
1HVR*FS28A	FLOW SWITCH FCI	247.433	RB	162	LH	Y	Y	NA	MF	NA	NA A Y
1HVR*FS28B	FLOW SWITCH FCI	247.433	RB	162	LH	Y	Y	NA	MF	NA	NA A Y
1HVR*FS28C	FLOW SWITCH FCI	247.433	RB	162	LH	Y	Y	NA	MF	NA	NA A Y
1HVR*FS29A	FLOW SWITCH FCI	247.433	AB	141	LH	Y	NA	NA	MF	NA	NA A Y
1HVR*FS29B	FLOW SWITCH FCI	247.433	AB	141	LH	Y	NA	NA	MF	NA	NA A Y
1HVR*FS56A	FLOW SWITCH FCI	247.433	AB	141	LH	Y	NA	NA	MF	NA	NA A Y
1HVR*FS56B	FLOW SWITCH FCI	247.433	AB	141	LH	Y	NA	NA	MF	NA	NA A 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	-----EQUIPMENT-----		---LOCATION---			---LOADS---		-QUAL METH-	-NAT FREQ-	----RRS REF----	
	DESCRIPTION MANUFACTURER	SPEC NO.	BLDG	ELEV	MTG	SEIS	HYDR	ANLYS TEST	LOWEST	---	STATUS---
										QUAL	INST

SYSTEM HVR VENTILATION - REACTOR PLANT

PDT DIFFERENTIAL PRESSURE TRANSMITTER

1HVR*PDT60A	PRESS TRANSHITT ROSEMOUNT	247.481	CB	141	RH	Y	NA	NA	HF	48	10 A	Y
1HVR*PDT60B	PRESS TRANSHITT ROSEMOUNT	247.481	AB	141	RH	Y	NA	NA	HF	48	4 A	Y
1HVR*PDT60C	PRESS TRANSHITT ROSEMOUNT	247.481	AB	141	RH	Y	NA	NA	HF	48	4 A	Y
1HVR*PDT60D	PRESS TRANSHITT ROSEMOUNT	247.481	AB	141	RH	Y	NA	NA	HF	48	4 A	Y
1HVR*PDT60E	PRESS TRANSHITT ROSEMOUNT	247.481	AB	141	RH	Y	NA	NA	HF	48	4 A	Y
1HVR*PDT60F	PRESS TRANSHITT ROSEMOUNT	247.481	AB	141	RH	Y	NA	NA	HF	48	48 A	Y

UC UNIT COOLER

1HVR*UC1A	UNIT COOLER BUFFALO FORGE	215.252	DH-CT	162	DM	Y	Y	D	NA	16	SEE 201 A1	Y
1HVR*UC1B	UNIT COOLER BUFFALO FORGE	215.252	DH-CT	162	DM	Y	Y	D	NA	16	SEE 201 A1	Y
1HVR*UC19	UNIT COOLER BUFFALO FORGE	215.252	AB	130	CF	Y	NA	D	NA	27	4 A	Y
1HVR*UC11A	UNIT COOLER BUFFALO FORGE	215.252	AB	141	CF	Y	NA	D	NA	11	4 A	Y
1HVR*UC11B	UNIT COOLER BUFFALO FORGE	215.252	AB	141	CF	Y	NA	D	NA	11	4 A	Y
1HVR*UC12	UNIT COOLER BUFFALO FORGE	215.252	AB	170	CF	Y	NA	D	NA	28	5 B	
1HVR*UC13	UNIT COOLER BUFFALO FORGE	215.252	AB	130	CF	Y	NA	D	NA	24	4 B	
1HVR*UC2	UNIT COOLER BUFFALO FORGE	215.252	AB	96	CF	Y	NA	D	NA	38	2 A	Y
1HVR*UC3	UNIT COOLER BUFFALO FORGE	215.252	AB	96	CF	Y	NA	D	NA	14	2 A	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	-----EQUIPMENT-----		---LOCATION---			---LOADS---		-QUAL METH-	-NAT FREQ-	-----RRS REF-----	
	DESCRIPTION	SPEC NO.	BLDG	ELEV	HTG	SEIS	HYDR			ANLYS	TEST
	MANUFACTURER										QUAL INST

SYSTEM HVR VENTILATION - REACTOR PLANT

UC UNIT COOLER

1HVR*UC4	UNIT COOLER BUFFALO FORGE	215.252	AB	96	CF	Y	NA	D	NA	14	2 A	
1HVR*UC5	UNIT COOLER BUFFALO FORGE	215.252	AB	114	CF	Y	NA	D	NA	14	3 A	Y
1HVR*UC6	UNIT COOLER BUFFALO FORGE	215.252	AB	114	CF	Y	NA	D	NA	11	3 A	Y
1HVR*UC7	UNIT COOLER BUFFALO FORGE	215.252	AB	114	CF	Y	NA	D	NA	14	3 A	Y
1HVR*UC8	UNIT COOLER BUFFALO FORGE	215.252	AB	114	CF	Y	NA	D	NA	14	3 A	Y
1HVR*UC9	UNIT COOLER BUFFALO FORGE	215.252	AB	114	CF	Y	NA	D	NA	11	3 A	Y
1HVR-UC1C	UNIT COOLER BUFFALO FORGE	215.252	DH-CT	162	DH	Y	Y	D	NA	16	SEE 201 C	Y



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JOB NAME PBS - 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	-----EQUIPMENT-----		---LOCATION---			---LOADS---		-QUAL METH-		-NAT FREQ-	----RRS REF----	
	DESCRIPTION MANUFACTURER	SPEC NO.	BLDG	ELEV	MTG	SEIS	HYDR	ANLYS	TEST	LOWEST	---	STATUS---

SYSTEM HVY VENTILATION - YARD STRUCTURES

BOP EQUIPMENT  
CH COIL HEATER

1HVY*CH6A	ELEC HEATERS NUTHERM	215.325	SH-CL	159	DH	Y	NA	S	HF	20	34	A	Y
1HVY*CH6B	ELEC HEATERS NUTHERM	215.325	SH-CL	159	DH	Y	NA	S	HF	20	34	A	Y

DHP

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1HVY*DMP1A	BACKDRAFT DAMPER QUALITY AIR DESIGN	215.480	ORB		HH	Y	NA	S	NA	50	1-34	A	Y
1HVY*DMP1B	BACKDRAFT DAMPER QUALITY AIR DESIGN	215.480	ORB		HH	Y	NA	S	NA	50	1-34	A	Y
1HVY*DMP1C	BACKDRAFT DAMPER QUALITY AIR DESIGN	215.480	ORB		HH	Y	NA	S	NA	50	1-34	A	Y
1HVY*DMP1D	BACKDRAFT DAMPER QUALITY AIR DESIGN	215.480	ORB		HH	Y	NA	S	NA	50	1-34	A	Y
1HVY*DMP10A	BACKDRAFT DAMPER QUALITY AIR DESIGN	215.480	ORB		HH	Y	NA	S	NA	50	1-34	A	Y
1HVY*DMP10B	BACKDRAFT DAMPER QUALITY AIR DESIGN	215.480	ORB		HH	Y	NA	S	NA	50	1-34	A	Y
1HVY*DMP2A	TORNADO DAMPER QUALITY AIR DESIGN	215.480	ORB		DW	Y	NA	S	NA	50	1-34	A	Y
1HVY*DMP2B	TORNADO DAMPER QUALITY AIR DESIGN	215.480	ORB		DW	Y	NA	S	NA	50	1-34	A	Y
1HVY*DMP2C	TORNADO DAMPER QUALITY AIR DESIGN	215.480	ORB		DW	Y	NA	S	NA	50	1-34	A	Y
1HVY*DMP2D	TORNADO DAMPER QUALITY AIR DESIGN	215.480	ORB		DW	Y	NA	S	NA	50	1-34	A	Y
1HVY*DMP3A	TORNADO DAMPER QUALITY AIR DESIGN	215.480	ORB	159	DW	Y	NA	S	NA	50	1-34	A	Y
1HVY*DMP3B	TORNADO DAMPER QUALITY AIR DESIGN	215.480	ORB		DW	Y	NA	S	NA	50	1-34	A	Y
1HVY*DMP4A	TORNADO DAMPER QUALITY AIR DESIGN	215.480	ORB		DW	Y	NA	S	NA	50	1-34	A	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	-----EQUIPMENT-----		---LOCATION---		---LOADS---			-QUAL METH-	-NAT FREQ-	----RRS REF----	
	DESCRIPTION MANUFACTURER	SPEC NO.	BLDG	ELEV HTG	SEIS	HYDR	ANLYS	TEST	LOWEST	---STATUS---	QUAL INST

SYSTEM HVY VENTILATION - YARD STRUCTURES

*****											
DMP *											
1HVY*DMP4B	TORNADO DAMPER QUALITY AIR DESIGN	215.480	ORB	DH	Y	NA	S	NA	50	1-34 A	Y
1HVY*DMP5A	TORNADO DAMPER QUALITY AIR DESIGN	215.480	ORB	HH	Y	NA	S	NA	50	1-34 A	Y
1HVY*DMP5B	BACKDRAFT DAMPER QUALITY AIR DESIGN	215.480	ORB	HH	Y	NA	S	NA	50	1-34 A	Y
1HVY*DMP6A	BACKDRAFT DAMPER QUALITY AIR DESIGN	215.480	ORB	HH	Y	NA	S	NA	50	1-34 A	Y
1HVY*DMP6B	BACKDRAFT QUALITY AIR DESIGN	215.480	ORB	HH	Y	NA	S	NA	50	1-34 A	Y
1HVY*DMP6C	BACKDRAFT DAMPER QUALITY AIR DESIGN	215.480	ORB	HH	Y	NA	S	NA	50	1-34 A	Y
1HVY*DMP6D	BACKDRAFT DAMPER QUALITY AIR DESIGN	215.480	ORB	HH	Y	NA	S	NA	50	1-34 A	Y
1HVY*DMP7A	TORNADO DAMPER QUALITY AIR DESIGN	215.480	ORB	HH	Y	NA	S	NA	50	1-34 A	Y
1HVY*DMP7B	TORNADO DAMPER QUALITY AIR DESIGN	215.480	SH-CL	150	HH	Y	NA	S	NA	34 B	Y
1HVY*DMP9A	TORNADO DAMPER QUALITY AIR DESIGN	215.480	ORB	HH	Y	NA	S	NA	50	1-34 A	Y
1HVY*DMP9B	TORNADO DAMPER QUALITY AIR DESIGN	215.480	ORB	HH	Y	NA	S	NA	50	1-34 A	Y

DMPF *											
1HVY*DMPF1	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DH	Y	NA	S	MF	20	1-34 A	Y
1HVY*DMPF10	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DH	Y	N	S	MF	20	1-34 A	Y
1HVY*DMPF11	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DH	Y	NA	S	MF	20	1-34 A	Y
1HVY*DMPF13	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DH	Y	NA	S	MF	20	1-34 A	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  
N555 SUPPLIER: GENERAL ELECTRIC

DOCKET NO. 50-458

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

SYSTEM HVY VENTILATION - YARD STRUCTURES

DMPF

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1HVY*DMPF14	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DH	Y	NA	S	HF	20	1-34 A	
1HVY*DMPF15	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DH	Y	NA	S	HF	20	1-34 A	Y
1HVY*DMPF16	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DH	Y	NA	S	HF	20	1-34 A	
1HVY*DMPF17	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DH	Y	NA	S	HF	20	1-34 A	
1HVY*DMPF18	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DH	Y	NA	S	HF	20	1-34 A	
1HVY*DMPF19	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DH	Y	NA	S	HF	20	1-34 A	
1HVY*DMPF2	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DH	Y	NA	S	HF	20	1-34 A	Y
1HVY*DMPF20	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DH	Y	NA	S	HF	20	1-34 A	Y
1HVY*DMPF21	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DH	Y	NA	S	HF	20	1-34 A	Y
1HVY*DMPF22	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DH	Y	NA	S	HF	20	1-34 A	Y
1HVY*DMPF3	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DH	Y	NA	S	HF	20	1-34 A	Y
1HVY*DMPF4	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DH	Y	NA	S	HF	20	1-34 A	Y
1HVY*DMPF5	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DH	Y	NA	S	HF	20	1-34 A	Y
1HVY*DMPF6	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DH	Y	NA	S	HF	20	1-34 A	Y
1HVY*DMPF7	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DH	Y	NA	S	HF	20	1-34 A	Y
1HVY*DMPF8	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DH	Y	NA	S	HF	20	1-34 A	Y
1HVY*DMPF9	FIRE DAMPER QUALITY AIR DESIGN	215.480	ORB	DH	Y	NA	S	HF	20	1-34 A	

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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. 50-450

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

SYSTEM HVY VENTILATION - YARD STRUCTURES

FE FLOW ELEMENT

1HVY*FE17A	FLOW SWITCH FCI	247.433	SH-CL	94	LH	Y	NA	NA	MF	NA	NA	A
1HVY*FE17B	FLOW SWITCH FCI	247.433	SH-CL	94	LH	Y	NA	NA	MF	NA	NA	A
1HVY*FE17C	FLOW SWITCH FCI	247.433	SH-CL	94	LH	Y	NA	NA	MF	NA	NA	A
1HVY*FE17D	FLOW SWITCH FCI	247.433	SH-CL	94	LH	Y	NA	NA	MF	NA	NA	A
1HVY*FE21A	FLOW SWITCH FCI	247.433	SH-CL	94	LH	Y	NA	NA	MF	NA	NA	A
1HVY*FE21B	FLOW SWITCH FCI	247.433	SH-CL	94	LH	Y	NA	NA	MF	NA	NA	A
1HVY*FE21C	FLOW SWITCH FCI	247.433	SH-CL	94	LH	Y	NA	NA	MF	NA	NA	A
1HVY*FE21D	FLOW SWITCH FCI	247.433	SH-CL	94	LH	Y	NA	NA	MF	NA	NA	A
1HVY*FE30A	FLOW SWITCH FCI	247.433	SH-CL	94	LH	Y	NA	NA	MF	NA	NA	A
1HVY*FE30B	FLOW SWITCH FCI	247.433	SH-CL	94	LH	Y	NA	NA	MF	NA	NA	A
1HVY*FE30A	FLOW SWITCH FCI	247.433	AB	141	LH	Y	NA	NA	MF	NA	NA	A
1HVY*FE30B	FLOW SWITCH FCI	247.433	AB	141	LH	Y	NA	NA	MF	NA	NA	A

FN FAN

1HVY*FN1A	SUPPLY AIR FAN BUFFALO FORGE	215.350	SH-CL	133	CF	Y	NA	S	NA	101	33	A
1HVY*FN1B	SUPPLY AIR FAN BUFFALO FORGE	215.350	SH-CL	133	CF	Y	NA	S	NA	101	33	A
1HVY*FN1C	SUPPLY AIR FAN BUFFALO FORGE	215.350	SH-CL	133	CF	Y	NA	S	NA	101	33	A

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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  
NSJS SUPPLIER: GENERAL ELECTRIC

DOCKET NO. 50-458

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

SYSTEM HVY VENTILATION - YARD STRUCTURES

FN FAN

1HVY*FN1D	SUPPLY AIR FAN BUFFALO FORGE	215.350	SH-CL	133	CF	Y	NA	S	NA	181	33	A	Y
1HVY*FN2A	SUPPLY AIR FAN BUFFALO FORGE	215.350	SH-CL	146	CF	Y	NA	S	NA	34	34	A	Y
1HVY*FN2B	SUPPLY AIR FAN BUFFALO FORGE	215.350	SH-CL	146	CF	Y	NA	S	NA	34	34	A	Y
1HVY*FN2C	SUPPLY AIR FAN BUFFALO FORGE	215.350	SH-CL	146	CF	Y	NA	S	NA	34	34	A	Y
1HVY*FN2D	SUPPLY AIR FAN BUFFALO FORGE	215.350	SH-CL	146	CF	Y	NA	S	NA	34	34	A	Y
1HVY*FN32A	SUPPLY FAN BUFFALO FORGE	215.350	SH-CL	157	CF	Y	NA	S	NA	31	34	A	Y
1HVY*FN32B	SUPPLY FAN BUFFALO FORGE	215.350	SH-CL	157	CF	Y	NA	S	NA	31	34	A	Y

FS FLOW SWITCH

1HVY*FS17A	FLOW SWITCH FCI	247.433	SH-CL	94	LH	Y	NA	NA	MF	NA	NA	A	Y
1HVY*FS17B	FLOW SWITCH FCI	247.433	SH-CL	94	LH	Y	NA	NA	MF	NA	NA	A	Y
1HVY*FS17C	FLOW SWITCH FCI	247.433	SH-CL	94	LH	Y	NA	NA	MF	NA	NA	A	Y
1HVY*FS17D	FLOW SWITCH FCI	247.433	SH-CL	94	LH	Y	NA	NA	MF	NA	NA	A	Y
1HVY*FS21A	FLOW SWITCH FCI	247.433	SH-CL	94	LH	Y	NA	NA	MF	NA	NA	A	Y
1HVY*FS21B	FLOW SWITCH FCI	247.433	SH-CL	94	LH	Y	NA	NA	MF	NA	NA	A	Y
1HVY*FS21C	FLOW SWITCH FCI	247.433	SH-CL	94	LH	Y	NA	NA	MF	NA	NA	A	Y
1HVY*FS21D	FLOW SWITCH FCI	247.433	SH-CL	94	LH	Y	NA	NA	MF	NA	NA	A	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. 50-450

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

SYSTEM HVY VENTILATION - YARD STRUCTURES

FS FLOW SWITCH

1HVY*FS30A	FLOW SWITCH FCI	247.433	SH-CL	94	LH	Y	NA	NA	MF	NA	NA	A	Y
1HVY*FS30B	FLOW SWITCH FCI	247.433	SH-CL	94	LH	Y	NA	NA	MF	NA	NA	A	Y
1HVY*FS38A	FLOW SWITCH FCI	247.433	AB	141	LH	Y	NA	NA	MF	NA	NA	A	Y
1HVY*FS38B	FLOW SWITCH FCI	247.433	AB	141	LH	Y	NA	NA	MF	NA	NA	A	Y

RTD RESISTANCE TEMPERATURE RECORDER

1HVY*RTD24A	THERMOCOUPLES RTD PYCO	247.461	SH-CL	123	DH	Y	NA	NA	MF	50	32	A	Y
1HVY*RTD24B	THERMOCOUPLES RTD PYCO	247.461	SH-CL	123	DH	Y	NA	NA	MF	50	32	A	Y
1HVY*RTD25A	THERMOCOUPLES RTD PYCO	247.461	SH-CL	143	DH	Y	NA	NA	MF	50	33	A	Y
1HVY*RTD25B	THERMOCOUPLES RTD PYCO	247.461	SH-CL	143	DH	Y	NA	NA	MF	50	33	A	Y
1HVY*RTD31A	THERMOCOUPLES RTD PYCO	247.461	SH-CL	118	DH	Y	NA	NA	MF	50	31	A	Y
1HVY*RTD31B	THERMOCOUPLES RTD PYCO	247.461	SH-CL	118	DH	Y	NA	NA	MF	50	31	A	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	-----EQUIPMENT-----		---LOCATION---			---LOADS---		-QUAL METH-		-NAT FREQ-	----RRS REF----	
	DESCRIPTION MANUFACTURER	SPEC NO.	BLDG	ELEV	HTG	SEIS	HYDR	ANLYS	TEST	LOWEST	---	STATUS---

SYSTEM H13 CONTROL ROOM PANELS

BOP EQUIPMENT  
P PUMP

1H13*P878	CONTROL PANEL GA	247.250	CB	136	CF	Y	NA	NA	HF	29	10	A	
1H13*P879	CONTROL PANEL GA	247.250	CB	136	CF	Y	NA	NA	HF	29	10	A	

Y

1H13*Y702D	GEDAC ENCLOSURE MERCURY CO./NORWOOD	247.411	CB	143	CH	Y	NA	D	HF	>33	9	A	Y
1H13*Y703A	GEDAC ENCLOSURE MERCURY CO./NORWOOD	247.411	CB	143	CH	Y	NA	D	HF	>33	9	A	Y
1H13*Y703D	GEDAC ENCLOSURE MERCURY CO./NORWOOD	247.411	CB	143	CH	Y	NA	D	HF	>33	9	A	Y
1H13*Y710B	GEDAC ENCLOSURE MERCURY CO./NORWOOD	247.411	CB	143	CH	Y	NA	D	HF	>33	9	A	Y
1H13*Y710D	GEDAC ENCLOSURE MERCURY CO./NORWOOD	247.411	CB	143	CH	Y	NA	D	HF	>33	9	A	Y
1H13*Y710E	GEDAC ENCLOSURE MERCURY CO./NORWOOD	247.411	CB	143	CH	Y	NA	D	HF	>33	9	A	Y
1H13*Y712B	GEDAC ENCLOSURE MERCURY CO./NORWOOD	247.411	CB	143	CH	Y	NA	D	HF	>33	9	A	Y
1H13*Y712D	GEDAC ENCLOSURE MERCURY CO./NORWOOD	247.411	CB	143	CH	Y	NA	D	HF	>33	9	A	Y
1H13*Y713A	GEDAC ENCLOSURE MERCURY CO./NORWOOD	247.411	CB	143	CH	Y	NA	D	HF	>33	9	A	Y
1H13*Y713D	GEDAC ENCLOSURE MERCURY CO./NORWOOD	247.411	CB	143	CH	Y	NA	D	HF	>33	9	A	Y
1H13*Y714B	GEDAC ENCLOSURE MERCURY CO./NORWOOD	247.411	CB	143	CH	Y	NA	D	HF	>33	9	A	Y
1H13*Y714D	GEDAC ENCLOSURE MERCURY CO./NORWOOD	247.411	CB	143	CH	Y	NA	D	HF	>33	9	A	Y
1H13*Y715D	GEDAC ENCLOSURE MERCURY CO./NORWOOD	247.411	CB	143	CH	Y	NA	D	HF	>33	9	A	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	-----EQUIPMENT-----		---LOCATION---			---LOADS---		-QUAL METH-		-NAT FREQ-	----RRS REF----	
	DESCRIPTION MANUFACTURER	SPEC NO.	BLDG	ELEV	MTG	SEIS	HYDR	ANLVS	TEST	LOHEST	---STATUS---	QUAL INST

\*\*\*\*\*  
SYSTEM H13 CONTROL ROOM PANELS

EQUIP. ID	DESCRIPTION MANUFACTURER	SPEC NO.	BLDG	ELEV	MTG	SEIS	HYDR	ANLVS	TEST	LOHEST	RRS REF	QUAL INST
1H13*Y717D	GEDAC ENCLOSURE MERCURY CO./NORWOOD	247.411	CB	143	CH	Y	NA	D	MF	>33	9 A	Y
1H13*Y730B	GEDAC ENCLOSURE MERCURY CO./NORWOOD	247.411	CB	143	CH	Y	NA	D	MF	>33	9 A	Y
1H13*Y731D	GEDAC ENCLOSURE MERCURY CO./NORWOOD	247.411	CB	143	CH	Y	NA	D	MF	>33	9 A	Y
1H13*Y743E	GEDAC ENCLOSURE MERCURY CO./NORWOOD	247.411	CB	143	CH	Y	NA	D	MF	>33	9 A	Y
1H13*Y744D	GEDAC ENCLOSURE MERCURY CO./NORWOOD	247.411	CB	143	CH	Y	NA	D	MF	>33	9 A	Y
1H13*Y750E	GEDAC ENCLOSURE MERCURY CO./NORWOOD	247.411	CB	143	CH	Y	NA	D	MF	>33	9 A	Y
1H13*Y751A	GEDAC ENCLOSURE MERCURY CO./NORWOOD	247.411	CB	143	CH	Y	NA	D	MF	>33	9 A	Y
1H13*Y751D	GEDAC ENCLOSURE MERCURY CO./NORWOOD	247.411	CB	143	CH	Y	NA	D	MF	>33	9 A	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	-----EQUIPMENT-----		---LOCATION---			---LOADS---		-QUAL METH-		-NAT FREQ-	----RRS REF----	
	DESCRIPTION	SPEC NO.	BLDG	ELEV	HTG	SEIS	HYDR	ANLYS	TEST	LOHEST	---STATUS---	QUAL INST
	MANUFACTURER											

\*\*\*\*\*  
SYSTEM IAS INSTRUMENT AIR

BOP EQUIPMENT  
MOV MOTOR OPERATED VALVE

IIAS*MOV106	VALVE H.O. 3"-600 LB VELAN	228.212	AB	114	LH	Y	Y	S	MF	49	NA A	Y
IIAS*MOV107	VALVE H.O. 3"-600 LB VELAN	228.212	AB	114	LH	Y	Y	S	MF	49	NA A	Y

PT PRESSURE TRANSHITTER

IIAS*PT34A	PRESS TRANSHITT ROSEMOUNT	247.481	CB	70	RH	Y	NA	NA	MF	48	6 A	Y
IIAS*PT34B	PRESS TRANSHITT ROSEMOUNT	247.481	CB	70	RH	Y	NA	NA	MF	48	6 A	Y
IIAS*PT39A	PRESS TRANSHITT ROSEMOUNT	247.481	AB	141	RH	Y	NA	NA	MF	48	4 A	Y
IIAS*PT39B	PRESS TRANSHITT ROSEMOUNT	247.481	AB	141	RH	Y	NA	NA	MF	48	4 A	Y
IIAS*PT43A	PRESS TRANSHITT ROSEMOUNT	247.481	FB	148	RH	Y	NA	NA	MF	48	19 A	Y
IIAS*PT43B	PRESS TRANSHITT ROSEMOUNT	247.481	FB	148	RH	Y	NA	NA	MF	48	19 A	Y
IIAS*PT47A	PRESS TRANSHITT ROSEMOUNT	247.481	CB	70	RH	Y	NA	NA	MF	48	6 A	Y
IIAS*PT47B	PRESS TRANSHITT ROSEMOUNT	247.481	CB	70	RH	Y	NA	NA	MF	48	6 A	Y
IIAS*PT48A	PRESS TRANSHITT ROSEMOUNT	247.481	AB	141	RH	Y	NA	NA	MF	48	4 A	Y
IIAS*PT48B	PRESS TRANSHITT ROSEMOUNT	247.481	AB	141	RH	Y	NA	NA	MF	48	4 A	Y
IIAS*PT49A	PRESS TRANSHITT ROSEMOUNT	247.481	FB	148	RH	Y	NA	NA	MF	48	19 A	Y
IIAS*PT49B	PRESS TRANSHITT ROSEMOUNT	247.481	FB	148	RH	Y	NA	NA	MF	48	19 A	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	-----EQUIPMENT-----		---LOCATION---			---LOADS---		-QUAL METH-	-NAT FREQ-	----RRS REF----	
	DESCRIPTION MANUFACTURER	SPEC NO.	BLDG	ELEV	HTG	SEIS	HYDR	ANLYS TEST	LOHEST	---STATUS---	QUAL INST

SYSTEM IAS INSTRUMENT AIR

RV

IIAS*RV38A	RELIEF VALVES CROSBY	247.521	CB	121	LH	Y	NA	S	50	157	NA A	Y
IIAS*RV38B	RELIEF VALVES CROSBY	247.521	CB	121	LH	Y	NA	S	50	157	NA A	Y
IIAS*RV42A	RELIEF VALVES CROSBY	247.521	AB	141	LH	Y	NA	S	50	157	NA A	Y
IIAS*RV42B	RELIEF VALVES CROSBY	247.521	AB	141	LH	Y	NA	S	50	157	NA A	Y
IIAS*RV46A	RELIEF VALVES CROSBY	247.521	FB	148	LH	Y	NA	S	50	157	NA A	Y
IIAS*RV46B	RELIEF VALVES CROSBY	247.521	FB	148	LH	Y	NA	S	50	157	NA A	Y

SOV SOLENOID VALVE

IIAS*SOV36A	VALVE 2" TARGET ROCK	247.501	CR	98	LH	Y	NA	S	HF	139	NA A	Y
IIAS*SOV36B	VALVE 2" TARGET ROCK	247.501	CR	98	LH	Y	NA	S	HF	139	NA A	Y
IIAS*SOV41A	VALVE 2" TARGET ROCK	247.501	FB	148	LH	Y	NA	S	HF	139	NA A	Y
IIAS*SOV41B	VALVE 2" TARGET ROCK	247.501	FB	148	LH	Y	NA	S	HF	139	NA A	Y
IIAS*SOV45A	VALVE 2" TARGET ROCK	247.501	FB	148	LH	Y	NA	S	HF	139	NA A	Y
IIAS*SOV45B	VALVE 2" TARGET ROCK	247.501	FB	148	LH	Y	NA	S	HF	139	NA A	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  
N555 SUPPLIER: GENERAL ELECTRIC

DOCKET NO. 50-458

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

SYSTEM ICS REACTOR CORE ISOLATION COOLING

BOP EQUIPMENT  
HOSE

		*										
IICS*HOSE1	FLEX METAL HOSE MTL BELLOWS	247.011	DW	118	LH	Y	Y	S	HF	10		36-68 A
IICS*HOSE2	FLEX METAL HOSE MTL BELLOWS	247.011	DW	118	LH	Y	Y	S	HF	10		36-68 A
IICS*HOSE/1	FLEX METAL HOSE MTL BELLOWS	247.011	DW	142	LH	Y	Y	S	HF	10		36-68 B

RV

		*										
IICS*RV130	RELIEF VALVES CROSBY	247.521	AB	80	LH	Y	NA	S	SO	699		NA A1

STR

		*										
IICS*STR1	STRAINER ZURN INDUSTRIES	228.957	CT	70	LH	Y	Y	S	N	>1000		NA A 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	SPEC NO.	BLDG	ELEV	MTG	SEIS	HYDR	ANLYS	TEST	LOWEST	RRS REF
*****											

SYSTEM ISC

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BOP EQUIPMENT  
PT PRESSURE TRANSMITTER

1ISC*PT101	PRESS TRANSHITT ROSEMOUNT	247.481	CT	118	RH	Y	Y	NA	HF	48	46.47 A 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	-----EQUIPMENT-----		---LOCATION---			---LOADS---		-QUAL METH-		-NAT FREQ-	----RRS REF----	
	DESCRIPTION	SPEC NO.	BLDG	ELEV	MTG	SEIS	HYDR	ANLYS	TEST	LOWEST	---	STATUS---
	MANUFACTURER										QUAL	INST
*****												

SYSTEM JCB SUPERSTRUCTURE - CONTROL ROOM

BOP EQUIPMENT  
RAK RACK

1JCB*RAK1	INSTRUMENT RACK ASSEMBLIES MERCURY CO./NORWOOD	247.411	CB	98	CF	Y	NA	S	NA	37	7	A	Y
1JCB*RAK2	INSTRUMENT RACK ASSEMBLIES MERCURY CO./NORWOOD	247.411	CB	98	CF	Y	NA	S	NA	37	7	A	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  
NSSF SUPPLIER: GENERAL ELECTRIC

DOCKET NO. 50-458

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

SYSTEM JPB SUPERSTRUCTURE - PRIMARY AUXILIARY BUILDING

BOP EQUIPMENT  
DMP

1JPB*DMP1	PRESS. REL. DAMPER QUALITY AIR DESIGN	215.480	ORB		HM	Y	NA	S	NA	35	1-34 A	Y
1JPB*DMP2	PRESS. REL. DAMPER QUALITY AIR DESIGN	215.480	ORB		HM	Y	NA	S	NA	35	1-34 A	Y
1JPB*DMP3	PRESS. REL. DAMPER QUALITY AIR DESIGN	215.480	ORB		HM	Y	NA	S	NA	35	1-34 A	Y
1JPB*DMP4	PRESS. REL. DAMPER QUALITY AIR DESIGN	215.480	ORB		HM	Y	NA	S	NA	35	1-34 A	Y
1JPB*DMP5	PRESS. REL. DAMPER QUALITY AIR DESIGN	215.480	ORB		HM	Y	NA	S	NA	35	1-34 A	Y
1JPB*DMP6	PRESS. REL. DAMPER QUALITY AIR DESIGN	215.480	ORB		HM	Y	NA	S	NA	35	1-34 A	Y

RAK RACK

1JPB*RAK1	INSTRUMENT RACK ASSEMBLIES MERCURY CO./NORWOOD	247.411	AB	95	CF	Y	NA	S	NA	37	2 A	Y
1JPB*RAK2	INSTRUMENT RACK ASSEMBLIES MERCURY CO./NORWOOD	247.411	AB	95	CF	Y	NA	S	NA	37	2 A	Y
1JPB*RAK3	INSTRUMENT RACK ASSEMBLIES MERCURY CO./NORWOOD	247.411	AB	141	CF	Y	NA	S	NA	37	4 A	Y
1JPB*RAK4	INSTRUMENT RACK ASSEMBLIES MERCURY CO./NORWOOD	247.411	AB	141	CF	Y	NA	S	NA	37	4 A	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	-----EQUIPMENT-----		---LOCATION---		---LOADS---			-QUAL METH-		-NAT FREQ-	----RRS REF----	
	DESCRIPTION	SPEC NO.	BLDG	ELEV MTG	SEIS	HYDR	ANLYS	TEST	LOWEST	---	STATUS---	QUAL INST

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SYSTEM JRB SUPERSTRUCTURE - REACTOR BUILDING

BOP EQUIPMENT  
DRA DOOR ACCESS

1JRB=DRA1	PERSONNEL AIR LOCK N.J. WOOLLEY CO.	219.711	CT	175	DH	Y	Y	S	NA	42	SEE 202 A Y
1JRB=DRA2	PERSONNEL AIR LOCK N.J. WOOLLEY CO.	219.711	CT	118	DH	Y	Y	S	NA	42	SEE 202 A 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: LTONE & WEBSTER  
NSSS SUPPLIER: GENERAL ELECTRIC

DOCKET NO. 50-458

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

SYSTEM LDS LEAK DETECTION SYSTEM

BOP EQUIPMENT  
RTD RESISTANCE TEMPERATURE RECORDER

1LDS*RTD1A	THERMOCOUPLES RTD PYCO	247.461	AB	128	DH	Y	NA	NA	HF	50	3,4	A	
1LDS*RTD1B	THERMOCOUPLES RTD PYCO	247.461	AB	128	DH	Y	NA	NA	HF	50	3,4	A	
1LDS*RTD1C	THERMOCOUPLES RTD PYCO	247.461	AB	128	DH	Y	NA	NA	HF	50	3,4	A	
1LDS*RTD1D	THERMOCOUPLES RTD PYCO	247.461	TB	128	DH	Y	NA	NA	HF	50	3,4	A	
1LDS*RTD2A	THERMOCOUPLES RTD PYCO	247.461	AB	102	DH	Y	NA	NA	HF	50	2,3	A	
1LDS*RTD2B	THERMOCOUPLES RTD PYCO	247.461	AB	102	DH	Y	NA	NA	HF	50	2,3	A	
1LDS*RTD2C	THERMOCOUPLES RTD PYCO	247.461	AB	102	DH	Y	NA	NA	HF	50	2,3	A	
1LDS*RTD2D	THERMOCOUPLES RTD PYCO	247.461	AB	102	DH	Y	NA	NA	HF	50	2,3	A	
1LDS*RTD3A	THERMOCOUPLES RTD PYCO	247.461	TB	128	DH	Y	NA	NA	HF	50	23,24	A	Y
1LDS*RTD3B	THERMOCOUPLES RTD PYCO	247.461	TB	128	DH	Y	NA	NA	HF	50	23,24	A	Y
1LDS*RTD3C	THERMOCOUPLES RTD PYCO	247.461	TB	128	DH	Y	NA	NA	HF	50	23,24	A	Y
1LDS*RTD3D	THERMOCOUPLES RTD PYCO	247.461	TB	128	DH	Y	NA	NA	HF	50	23,24	A	Y
1LDS*RTD4A	THERMOCOUPLES RTD PYCO	247.461	TB	100	DH	Y	NA	NA	HF	50	22,23	A	Y
1LDS*RTD4B	THERMOCOUPLES RTD PYCO	247.461	TB	100	DH	Y	NA	NA	HF	50	22,23	A	Y
1LDS*RTD4C	THERMOCOUPLES RTD PYCO	247.461	TB	100	DH	Y	NA	NA	HF	50	22,23	A	Y
1LDS*RTD4D	THERMOCOUPLES RTD PYCO	247.461	TB	100	DH	Y	NA	NA	HF	50	22,23	A	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	-----EQUIPMENT-----		---LOCATION---		---LOADS---		-QUAL METH-		-NAT FREQ-	----RRS REF----	
	DESCRIPTION MANUFACTURER	SPEC NO.	BLDG	ELEV MTG	SEIS	HYDR	ANLYS	TEST	LOWEST	---STATUS---	QUAL INST

SYSTEM LSV LEAKAGE CONTROL - PENETRATION VALVE

BOP EQUIPMENT  
C COMPRESSOR

ILSV*C3A	COMPRESSOR ATLAS-COPCO	221.512	AB	141 CF	Y	NA	S	MF	>10	4	A	Y
ILSV*C3B	COMPRESSOR ATLAST-COPCO	221.512	AB	141 CF	Y	NA	S	MF	>10	4	A	Y

FE FLOW ELEMENT

ILSV*FE20A	FLOW SWITCH FCI	247.433	AB	141 LM	Y	NA	NA	MF	NA	NA	A	
ILSV*FE20B	FLOW SWITCH FCI	247.433	AB	141 LM	Y	NA	NA	MF	NA	NA	A	Y

FS FLOW SWITCH

ILSV*FS20A	FLOW SWITCH FCI	247.433	AB	141 LM	Y	NA	NA	MF	NA	NA	A	
ILSV*FS20B	FLOW SWITCH FCI	247.433	AB	141 LM	Y	NA	NA	MF	NA	NA	A	

MOV MOTOR OPERATED VALVE

ILSV*MOV11A	VALVE H.O. 1"-1500 LB VELAN	228.214	AB	141 LM	Y	NA	S	MF	84	NA	B	Y
ILSV*MOV11B	VALVE H.O. 1"-1500 LB VELAN	228.214	AB	141 LM	Y	NA	S	MF	84	NA	B	Y
ILSV*MOV13A	VALVE H.O. 1"-1500 LB VELAN	228.214	AB	141 LM	Y	NA	S	MF	84	NA	B	Y
ILSV*MOV13B	VALVE H.O. 1"-1500 LB VELAN	228.214	AB	141 LM	Y	NA	S	MF	84	NA	B	Y
ILSV*MOV15A	VALVE H.O. 1"-1500 LB VELAN	228.214	AB	141 LM	Y	NA	S	MF	84	NA	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	-----EQUIPMENT-----		---LOCATION---		---LOADS---		-QUAL METH-		-NAT FREQ-	----RRS REF----	
	DESCRIPTION MANUFACTURER	SPEC NO.	BLDG	ELEV MTG	SEIS	HYDR	ANLYS	TEST	LOWEST	---	---STATUS---
										QUAL	INST

SYSTEM LSV LEAKAGE CONTROL - PENETRATION VALVE

MOV MOTOR OPERATED VALVE

ILSV*MOV15B	VALVE H.O. 1"-1500 LB VELAN	228.214	AB	141 LH	Y	NA	S	HF	84	NA B	Y
ILSV*MOV16A	VALVE H.O. 1"-1500 LB VELAN	228.214	AB	141 LH	Y	NA	S	HF	84	NA B	Y
ILSV*MOV16B	VALVE H.O. 1"-1500 LB VELAN	228.214	AB	141 LH	Y	NA	S	HF	84	NA B	Y
ILSV*MOV19A	VALVE H.O. 2"-1500 LB VELAN	228.214	AB	141 LH	Y	NA	S	HF	78	NA B	Y
ILSV*MOV19B	VALVE H.O. 2"-1500 LB VELAN	228.214	AB	141 LH	Y	NA	S	HF	78	NA B	Y

PT PRESSURE TRANSMITTER

ILSV*PT10A	PRESS TRANSHITT ROSEMOUNT	247.481	AB	145 RH	Y	NA	NA	MF	48	5 A	
ILSV*PT10B	PRESS TRANSHITT ROSEMOUNT	247.481	AB	159 RH	Y	NA	NA	MF	48	5 A	
ILSV*PT12A	PRESS TRANSHITT RCSEMOUNT	247.481	AB	145 RH	Y	NA	NA	MF	48	5 A	
ILSV*PT12B	PRESS TRANSHITT ROSEMOUNT	247.481	AB	159 RH	Y	NA	NA	MF	48	5 A	
ILSV*PT14A	PRESS TRANSHITT ROSEMOUNT	247.481	AB	123 RH	Y	NA	NA	MF	48	4 A	Y
ILSV*PT14B	PRESS TRANSHITT ROSEMOUNT	247.481	AB	159 RH	Y	NA	NA	MF	48	5 A	
ILSV*PT17A	PRESS TRANSHITT ROSEMOUNT	247.481	AB	100 RH	Y	NA	NA	MF	48	3 A	
ILSV*PT17B	PRESS TRANSHITT ROSEMOUNT	247.481	AB	145 RH	Y	NA	NA	MF	48	5 A	
ILSV*PT21A	PRESS TRANSHITT ROSEMOUNT	247.481	AB	128 RH	Y	NA	NA	MF	48	4 A	Y
ILSV*PT21B	PRESS TRANSHITT ROSEMOUNT	247.481	AB	135 RH	Y	NA	NA	MF	48	4 A	

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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. 50-958

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

SYSTEM LSV LEAKAGE CONTROL - PENETRATION VALVE

PT PRESSURE TRANSMITTER

1LSV*PT22A	PRESS TRANSMITT ROSEMOUNT	247.481	AB	145 RH	Y	NA	NA	MF	48	5 A	Y
1LSV*PT22B	PRESS TRANSMITT ROSEMOUNT	247.481	AB	159 RH	Y	NA	NA	MF	48	5 A	Y
1LSV*PT26A	PRESS TRANSMITT ROSEMOUNT	247.481	AB	145 RH	Y	NA	NA	MF	48	5 A	
1LSV*PT26B	PRESS TRANSMITT ROSEMOUNT	247.481	AB	159 RH	Y	NA	NA	MF	48	5 A	Y
1LSV*PT9A	PRESS TRANSMITT ROSEMOUNT	247.481	AB	145 RH	Y	NA	NA	MF	48	5 A	Y
1LSV*PT9B	PRESS TRANSMITT ROSEMOUNT	247.481	AB	145 RH	Y	NA	NA	MF	48	5 A	Y

PV PRESSURE VALVE

1LSV*PV10A	1"-150# GLOBE COPES VULCAN	247.497	AB	141 LH	Y	NA	S	NA	83	NA B	Y
1LSV*PV10B	1"-150# GLOBE COPES VULCAN	247.497	AB	141 LH	Y	NA	S	NA	83	NA B	Y

RV

1LSV*RV8A	RELIEF VALVES CROSBY	247.521	AB	141 LH	Y	NA	S	SO	268	NA A	
1LSV*RV8B	RELIEF VALVES CROSBY	247.521	AB	141 LH	Y	NA	S	SO	268	NA A	

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

SYSTEM LSV LEAKAGE CONTROL - PENETRATION VALVE

SOVX		*											
1LSV*SOVX26A	VALVE - 3/4" TARGET ROCK	247.501	AB	141	LH	Y	NA	S	HF		NA	A1	
1LSV*SOVX26B	VALVE - 3/4" TARGET ROCK	247.501	AB	141	LH	Y	NA	S	HF		NA	A1	Y
SOVY		*											
1LSV*SOVY26A	VALVE - 3/4" TARGET ROCK	247.501	AB	141	LH	Y	NA	S	HF		NA	A1	
1LSV*SOVY26B	VALVE - 3/4" TARGET ROCK	247.501	AB	141	LH	Y	NA	S	HF		NA	A1	Y
TK		*											
1LSV*TK6A	AIR RECEIVER CT1	221.515	AB	141	CF	Y	NA	S	NA	27	4	A	Y
1LSV*TK6B	AIR RECEIVER CT1	221.515	AB	141	CF	Y	NA	S	NA	10	4	A	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	SPEC NO.	BLDG	ELEV	MTG	SEIS	HYDR	ANLYS	TEST	NAT FREQ- LOWEST	RRS REF- STATUS- QUAL INST
*****											

SYSTEM MHR

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BOP EQUIPMENT  
CRN

\*

1MHR-CRN1	POLAR CRANE WHITING CORP.	221.710	CT	212	DH	Y	Y	D	NA	2	50 A 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	-----EQUIPMENT-----		---LOCATION---		---LOADS---		-QUAL METH-		-NAT FREQ-	----RRS REF----	
	DESCRIPTION MANUFACTURER	SPEC NO.	BLDG	ELEV MTG	SEIS	HYDR	ANLYS	TEST	LOWEST	---	STATUS---
										QUAL	INST

SYSTEM MSI MAIN STEAM ISOLATION VALVE SEALS

BOP EQUIPMENT  
HOSE

IMSI*HOSE49	FLEX METAL HOSE HTL BELLOWS	247.011	AB	114	LH	Y	NA	S	HF	10	3 A
IMSI*HOSE50	FLEX METAL HOSE HTL BELLOWS	247.011	AB	114	LH	Y	NA	S	HF	10	3 A
IMSI*HOSE53	FLEX METAL HOSE HTL BELLOWS	247.011	AB	114	LH	Y	NA	S	HF	10	3 A

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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	EQUIPMENT		LOCATION		LOADS		QUAL METH	NAT FREQ	RKS REF	
	DESCRIPTION MANUFACTURER	SPEC NO.	BLDG	ELEV MTG	SEIS	HYDR	ANLYS TEST	LOWEST	STATUS	QUAL INST
*****										
SYSTEM MSS MAIN STEAM										
BOP EQUIPMENT										
HOSE										
1MSS*HOSE103	FLEX METAL HOSE MTL BELLOWS	247.011	DW	134 LH	Y	Y	S	HF	10	36-68 A
1MSS*HOSE104	FLEX METAL HOSE MTL BELLOWS	247.011	DW	134 LH	Y	Y	S	HF	10	36-68 B
1MSS*HOSE113	FLEX METAL HOSE MTL BELLOWS	247.011	DW	129 LH	Y	Y	S	HF	10	36-68 A
1MSS*HOSE114	FLEX METAL HOSE MTL BELLOWS	247.011	DW	134 LH	Y	Y	S	HF	10	36-68 A
1MSS*HOSE121	FLEX METAL HOSE MTL BELLOWS	247.011	DW	133 LH	Y	Y	S	HF	10	36-68 B
1MSS*HOSE122	FLEX METAL HOSE MTL BELLOWS	247.011	DW	133 LH	Y	Y	S	HF	10	36-68 B
1MSS*HOSE124	FLEX METAL HOSE MTL BELLOWS	247.011	DW	131 LH	Y	Y	S	HF	10	36-68 B
1MSS*HOSE131	FLEX METAL HOSE MTL BELLOWS	247.011	DW	139 LH	Y	Y	S	HF	10	36-68 A
1MSS*HOSE132	FLEX METAL HOSE MTL BELLOWS	247.011	DW	139 LH	Y	Y	S	HF	10	36-68 B
1MSS*HOSE139	FLEX METAL HOSE MTL BELLOWS	247.011	DW	130 LH	Y	Y	S	HF	10	36-68 B
1MSS*HOSE140	FLEX METAL HOSE MTL BELLOWS	247.011	DW	130 LH	Y	Y	S	HF	10	36-68 A
1MSS*HOSE173	FLEX METAL HOSE MTL BELLOWS	247.011	DW	139 LH	Y	Y	S	HF	10	36-68 A
1MSS*HOSE176	FLEX. METAL HOSE MTL BELLOWS	247.011	DW	140 LH	Y	Y	S	HF	10	36-68 A
1MSS*HOSE179	FLEX. METAL HOSE MTL BELLOWS	247.011	DW	138 LH	Y	Y	S	HF	36-68	58-60 A
1MSS*HOSE77	FLEX METAL HOSE MTL BELLOWS	247.011	DW	129 LH	Y	Y	S	HF	10	36-68 B
1MSS*HOSE78	FLEX METAL HOSE MTL BELLOWS	247.011	DW	134 LH	Y	Y	S	HF	10	36-68 A
1MSS*HOSE95	FLEX METAL HOSE MTL BELLOWS	247.011	DW	129 LH	Y	Y	S	HF	10	36-68 B

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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	-----EQUIPMENT-----		---LOCATION---			---LOADS---		---QUAL METH---	---NAT FREQ---	-----RRJ REF-----	
	DESCRIPTION	SPEC NO.	BLDG	ELEV	MTG	SEIS	HYDR	ANLYS	TEST	LOWEST	---STATUS---

SYSTEM HSS MAIN STEAM

RTD RESISTANCE TEMPERATURE RECORDER

1HSS*RTD10A	THERMOCOUPLES RTD PYCO	247.461	TB	95	DH	Y	NA	NA	HF	50	22 A
1HSS*RTD10B	THERMOCOUPLES RTD PYCO	247.461	TB	95	DH	Y	NA	NA	HF	50	22 A
1HSS*RTD10C	THERMOCOUPLES RTD PYCO	247.461	TB	95	DH	Y	NA	NA	HF	50	22 A
1HSS*RTD10D	THERMOCOUPLES RTD PYCO	247.461	TB	95	DH	Y	NA	NA	HF	50	22 A







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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	-----EQUIPMENT-----		---LOCATION---			---LOADS---		-QUAL METH-	-NAT FREQ-	----RRS REF----	
	DESCRIPTION MANUFACTURER	SPEC NO.	BLDG	ELEV	HTG	SEIS	HYDR			ANLYS	TEST

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SYSTEM RCP ELECTRICAL PENETRATIONS

BOP EQUIPMENT  
LVC

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1RCP*LVC05	ELEC. PENETRATION CONAX	241.211	CT	148	DM	Y	Y	S	MF	654	SEE 203 A Y
1RCP*LVC06	ELEC. PENETRATION CONAX	241.211	CT	148	DM	Y	Y	S	MF	654	SEE 203 A Y
1RCP*LVC11	ELEC. PENETRATION CONAX	241.211	CT	121	DM	Y	Y	S	MF	654	SEE 204 A Y
1RCP*LVC11A	ELEC. PENETRATION CONAX	241.211	CT	117	DM	Y	Y	S	MF	654	SEE 204 A Y
1RCP*LVC18	ELEC. PENETRATION CONAX	241.211	CT	121	DM	Y	Y	S	MF	654	SEE 204 A Y
1RCP*LVC18A	ELEC. PENETRATION CONAX	241.211	CT	117	DM	Y	Y	S	MF	654	SEE 204 A Y
1RCP*LVC21	ELEC. PENETRATION CONAX	241.211	CT	121	DM	Y	Y	S	MF	654	SEE 204 A Y

LVI

\*

1RCP*LVI05A	ELEC. PENETRATION CONAX	241.211	CT	144	DM	Y	Y	S	MF	654	SEE 203 A Y
1RCP*LVI06A	ELEC. PENETRATION CONAX	241.211	CT	144	DM	Y	Y	S	MF	654	SEE 203 A Y
1RCP*LVI10A	ELEC. PENETRATION CONAX	241.211	CT	117	DM	Y	Y	S	MF	654	SEE 204 A Y
1RCP*LVI12	ELEC. PENETRATION CONAX	241.211	CT	121	DM	Y	Y	S	MF	654	SEE 204 A Y
1RCP*LVI12A	ELEC. PENETRATION CONAX	241.211	CT	117	DM	Y	Y	S	MF	654	SEE 204 A Y
1RCP*LVI13A	ELEC. PENETRATION CONAX	241.211	CT	117	DM	Y	Y	S	MF	654	SEE 204 A Y
1RCP*LVI14	ELEC. PENETRATION CONAX	241.211	CT	121	DM	Y	Y	S	MF	654	SEE 204 A Y
1RCP*LVI14A	ELEC. PENETRATION CONAX	241.211	CT	117	DM	Y	Y	S	MF	654	SEE 204 A 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. 50-45A

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

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SYSTEM RCP ELECTRICAL PENETRATIONS

LVI

\*

1RCP*LVI15A	ELEC. PENETRATION CONAX	241.211	CT	117	DM	Y	Y	S	MF	654	SEE 204 A Y
1RCP*LVI17B	ELEC. PENETRATION CONAX	241.211	CT	117	DM	Y	Y	S	MF	654	SEE 204 A Y
1RCP*LVI17C	ELEC. PENETRATION CONAX	241.211	CT	117	DM	Y	Y	S	MF	654	SEE 204 A Y
1RCP*LVI19A	ELEC. PENETRATION CONAX	241.211	CT	117	DM	Y	Y	S	MF	654	SEE 204 A Y
1RCP*LVI20A	ELEC. PENETRATION CONAX	241.211	CT	117	DM	Y	Y	S	MF	654	SEE 204 A Y
1RCP*LVI21A	ELEC. PENETRATION CONAX	241.211	CT	117	DM	Y	Y	S	MF	654	SEE 204 A Y

LVP

\*

1RCP*LVP03	ELEC. PENETRATION CONAX	241.211	CT	148	DM	Y	Y	S	MF	654	SEE 203 A Y
1RCP*LVP03A	ELEC. PENETRATION CONAX	241.211	CT	144	DM	Y	Y	S	MF	654	SEE 203 A Y
1RCP*LVP04	ELEC. PENETRATION CONAX	241.211	CT	148	DM	Y	Y	S	MF	654	SEE 203 A Y
1RCP*LVP04A	ELEC. PENETRATION CONAX	241.211	CT	144	DM	Y	Y	S	MF	654	SEE 203 A Y
1RCP*LVP07	ELEC. PENETRATION CONAX	241.211	CT	148	DM	Y	Y	S	MF	654	SEE 203 A Y
1RCP*LVP07A	ELEC. PENETRATION CONAX	241.211	CT	144	DM	Y	Y	S	MF	654	SEE 203 A Y
1RCP*LVP08	ELEC. PENETRATION CONAX	241.211	CT	148	DM	Y	Y	S	MF	654	SEE 203 A Y
1RCP*LVP08A	ELEC. PENETRATION CONAX	241.211	CT	144	DM	Y	Y	S	MF	654	SEE 203 A Y
1RCP*LVP09	ELEC. PENETRATION CONAX	241.211	CT	121	DM	Y	Y	S	MF	654	SEE 204 A 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  
NSSF SUPPLIER: GENERAL ELECTRIC

DOCKET NO. 50-458

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

SYSTEM RCP ELECTRICAL PENETRATIONS

LVP

\*

1RCP*LVP09A	ELEC. PENETRATION CONAX	241.211	CT	117	DH	Y	Y	S	MF	654	SEE 204 A Y
1RCP*LVP16	ELEC. PENETRATION CONAX	241.211	CT	121	DH	Y	Y	S	MF	654	SEE 204 A Y
1RCP*LVP16A	ELEC. PENETRATION CONAX	241.211	CT	117	DH	Y	Y	S	MF	654	SEE 204 A Y
1RCP*LVP22	ELEC. PENETRATION CONAX	241.211	CT	121	DH	Y	Y	S	MF	654	SEE 204 A Y
1RCP*LVP22A	ELEC. PENETRATION CONAX	241.211	CT	117	DH	Y	Y	S	MF	654	SEE 204 A Y

MVP

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1RCP*MVP02	ELEC. PENETRATION CONAX	241.211	CT	133	DH	Y	Y	S	MF	654	47,114,147 A Y
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HVPO

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1RCP*HVPO1	ELEC. PENETRATION CONAX	241.211	CT	126	DH	Y	Y	S	MF	654	SEE 204 A Y
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NHS

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1RCP*NHS10	ELEC. PENETRATION CONAX	241.211	CT	121	DH	Y	Y	S	MF	654	SEE 204 A Y
1RCP*NHS13	ELEC. PENETRATION CONAX	241.211	CT	121	DH	Y	Y	S	MF	654	SEE 204 A Y
1RCP*NHS19	ELEC. PENETRATION CONAX	241.211	CT	121	DH	Y	Y	S	MF	654	SEE 204 A Y
1RCP*NHS20	ELEC. PENETRATION CONAX	241.211	CT	121	DH	Y	Y	S	MF	654	SEE 204 A 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	-----EQUIPMENT-----		---LOCATION---		---LOADS---		-QUAL METH-		-NAT FREQ-		----RRS REF----	
	DESCRIPTION MANUFACTURER	SPEC NO.	BLOG	ELEV MTG	SEIS	HYDR	ANLYS	TEST	LOWEST	---	STATUS---	QUAL INST

SYSTEM RCP ELECTRICAL PENETRATIONS

TCA

1RCP*TCA01	TERM. CAB./ELEC. PEN. POWELL INDUSTRIES	242.491	AB	114	CF	Y	NA	D	NA	20	3	A	Y
1RCP*TCA02	TERM. CAB./ELEC. PEN. POWELL INDUSTRIES	242.491	AB	114	CF	Y	NA	D	NA	20	3	A	Y
1RCP*TCA03	TERM. CAB./ELEC. PEN. POWELL INDUSTRIES	242.491	AB	114	CF	Y	NA	D	NA	20	3	A	Y
1RCP*TCA04	TERM. CAB./ELEC. PEN. POWELL INDUSTRIES	242.491	AB	114	CF	Y	NA	D	NA	20	3	A	Y
1RCP*TCA05	TERM. CAB./ELEC. PEN. POWELL INDUSTRIES	242.491	AB	114	CF	Y	NA	D	NA	20	3	A	Y
1RCP*TCA06	TERM. CAB./ELEC. PEN. POWELL INDUSTRIES	242.491	AB	114	CF	Y	NA	D	NA	20	3	A	Y
1RCP*TCA07	TERM. CAB./ELEC. PEN. POWELL INDUSTRIES	242.491	AB	114	CF	Y	NA	D	NA	20	3	A	Y
1RCP*TCA08	TERM. CAB./ELEC. PEN. POWELL INDUSTRIES	242.491	AB	114	CF	Y	NA	D	NA	20	3	A	Y
1RCP*TCA09	TERM. CAB./ELEC. PEN. POWELL INDUSTRIES	242.491	AB	114	CF	Y	NA	D	NA	20	3	A	Y
1RCP*TCA10	TERM. CAB./ELEC. PEN. POWELL INDUSTRIES	242.491	AB	114	CF	Y	NA	D	NA	20	3	A	Y
1RCP*TCA11	TERM. CAB./ELEC. PEN. POWELL INDUSTRIES	242.491	AB	141	CF	Y	NA	D	NA	20	4	A	Y
1RCP*TCA12	TERM. CAB./ELEC. PEN. POWELL INDUSTRIES	242.491	AB	141	CF	Y	NA	D	NA	20	4	A	Y
1RCP*TCA13	TERM. CAB./ELEC. PEN. POWELL INDUSTRIES	242.491	AB	141	CF	Y	NA	D	NA	20	4	A	Y
1RCP*TCA14	TERM. CAB./ELEC. PEN. POWELL INDUSTRIES	242.491	AB	141	CF	Y	NA	D	NA	20	4	A	Y
1RCP*TCA15	TERM. CAB./ELEC. PEN. POWELL INDUSTRIES	242.491	AB	141	CF	Y	NA	D	NA	20	4	A	Y
1RCP*TCA16	TERM. CAB./ELEC. PEN. POWELL INDUSTRIES	242.491	AB	141	CF	Y	NA	D	NA	20	4	A	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  
NSSF SUPPLIER: GENERAL ELECTRIC

DOCKET NO. 50-458

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

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SYSTEM RCP ELECTRICAL PENETRATIONS

TCF

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1RCP*TCF01	TERM. CAB./ELEC. PEN. POWELL INDUSTRIES	242.491	FB	114	CF	Y	NA	D	NA	20	18 A	Y
1RCP*TCF02	TERM. CAB./ELEC. PEN. POWELL INDUSTRIES	242.491	FB	114	CF	Y	NA	D	NA	20	18 A	Y
1RCP*TCF03	TERM. CAB./ELEC. PEN. POWELL INDUSTRIES	242.491	FB	114	CF	Y	NA	D	NA	20	18 A	Y
1RCP*TCF04	TERM. CAB./ELEC. PEN. POWELL INDUSTRIES	242.491	FB	114	CF	Y	NA	D	NA	20	18 A	Y

TCR

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1RCP*TCR01A	TERM. CAB./ELEC. PEN. POWELL INDUSTRIES	242.491	DW	114	DH	Y	Y	D	NA	20	SEE 205 A	Y
1RCP*TCR01F	TERM. CAB./ELEC. PEN. POWELL INDUSTRIES	242.491	DW	114	DH	Y	Y	D	NA	20	SEE 205 A	Y
1RCP*TCR010A	TERM. CAB./ELEC. PEN. POWELL INDUSTRIES	242.491	DW	114	DH	Y	Y	D	NA	20	SEE 205 A	Y
1RCP*TCR02A	TERM. CAB./ELEC. PEN. POWELL INDUSTRIES	242.491	DW	114	DH	Y	Y	D	NA	20	SEE 205 A	Y
1RCP*TCR02F	TERM. CAB./ELEC. PEN. POWELL INDUSTRIES	242.491	DW	114	DH	Y	Y	D	NA	20	SEE 205 A	Y
1RCP*TCR03A	TERM. CAB./ELEC. PEN. POWELL INDUSTRIES	242.491	DW	114	DH	Y	Y	D	NA	20	SEE 205 A	Y
1RCP*TCR03F	TERM. CAB./ELEC. PEN. POWELL INDUSTRIES	242.491	DW	114	DH	Y	Y	D	NA	20	SEE 205 A	Y
1RCP*TCR04A	TERM. CAB./ELEC. PEN. POWELL INDUSTRIES	242.491	DW	114	DH	Y	Y	D	NA	20	SEE 205 A	Y
1RCP*TCR04F	TERM. CAB./ELEC. PEN. POWELL INDUSTRIES	242.491	DW	114	DH	Y	Y	D	NA	20	SEE 205 A	Y
1RCP*TCR05A	TERM. CAB./ELEC. PEN. POWELL INDUSTRIES	242.491	CH	114	DH	Y	Y	D	NA	20	SEE 205 A	Y
1RCP*TCR06A	TERM. CAB./ELEC. PEN. POWELL INDUSTRIES	242.491	DW	114	DH	Y	Y	D	NA	20	SEE 205 A	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	-----EQUIPMENT-----		---LOCATION---		---LOADS---		-QUAL METH-		-NAT FREQ-	----RRS REF----	
	DESCRIPTION MANUFACTURER	SPEC NO.	BLDG	ELEV MTG	SEIS	HYDR	ANLYS	TEST	LOMEST	---STATUS---	QUAL INST

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SYSTEM RCP ELECTRICAL PENETRATIONS

TCR

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1RCP*TCR07A	TERM. CAB./ELEC. PEN. POWELL INDUSTRIES	242.491	DW	114	DH	Y	Y	D	NA	20	SEE 205 A Y
1RCP*TCR08A	TERM. CAB./ELEC. PEN. POWELL INDUSTRIES	242.491	DW	114	DH	Y	Y	D	NA	20	SEE 205 A Y
1RCP*TCR09A	TERM. CAB./ELEC. PEN. POWELL INDUSTRIES	242.491	DW	114	DH	Y	Y	D	NA	20	SEE 205 A Y
1RCP*TCR11A	TERM. CAB./ELEC. PEN. POWELL INDUSTRIES	242.491	DW	141	DH	Y	Y	D	NA	20	SEE 205 A Y
1RCP*TCR12A	TERM. CAB./ELEC. PEN. POWELL INDUSTRIES	242.491	DW	141	DH	Y	Y	D	NA	20	SEE 205 A Y
1RCP*TCR13A	TERM. CAB./ELEC. PEN. POWELL INDUSTRIES	242.491	DW	141	DH	Y	Y	D	NA	20	SEE 205 A Y
1RCP*TCR14A	TERM. CAB./ELEC. PEN. POWELL INDUSTRIES	242.491	DW	141	DH	Y	Y	D	NA	20	SEE 205 A Y
1RCP*TCR15A	TERM. CAB./ELEC. PEN. POWELL INDUSTRIES	242.491	DW	141	DH	Y	Y	D	NA	20	SEE 205 A Y
1RCP*TCR16A	TERM. CAB./ELEC. PEN. POWELL INDUSTRIES	242.491	DW	141	DH	Y	Y	D	NA	20	SEE 205 A 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. 50-453

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

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SYSTEM RCS REACTOR COOLANT

BOP EQUIPMENT  
HOSE

1RCS*HOSE1	FLEX METAL HOSE MTL BELLOWS	247.011	DW	86	LH	Y	Y	S	MF	10	36-68 B1
1RCS*HOSE105	FLEX METAL HOSE MTL BELLOWS	247.011	DW	90	LH	Y	Y	S	MF	10	36-68 A
1RCS*HOSE108	FLEX METAL HOSE MTL BELLOWS	247.011	DW	90	LH	Y	Y	S	MF	10	36-68 A
1RCS*HOSE124	FLEX METAL HOSE MTL BELLOWS	247.011	DW	92	LH	Y	Y	S	MF	10	36-68 A
1RCS*HOSE125	FLEX METAL HOSE MTL BELLOWS	247.011	DW	91	LH	Y	Y	S	MF	10	36-68 A

MOV MOTOR OPERATED VALVE

1RCS*MOV58A	VALVE M.O. 1"-1500 LB VELAN	228.216	CT	141	LH	Y	Y	S	MF		NA C	Y
1RCS*MOV58B	VALVE M.O. 1"-1500 LB VELAN	228.216	CT	141	LH	Y	Y	S	MF		NA C	Y
1RCS*MOV59A	VALVE M.O. 1"-1500 LB VELAN	228.216	CT	141	LH	Y	Y	S	MF		NA C	Y
1RCS*MOV59B	VALVE M.O. 1"-1500 LB VELAN	228.216	CT	141	LH	Y	Y	S	MF		NA C	Y
1RCS*MOV60A	VALVE M.O. 1/2"-1500 LB VELAN	228.216	CT	070	LH	Y	Y	S	MF	52	NA B	Y
1RCS*MOV60B	VALVE M.O. 1/2"-1500 LB VELAN	228.216	CT	070	LH	Y	Y	S	MF	52	NA B	Y
1RCS*MOV61A	VALVE M.O. 3/4"-1500 LB VELAN	228.216	CT	070	LH	Y	Y	S	MF	46	NA B	Y
1RCS*MOV61B	VALVE M.O. 3/4"-1500LB VELAN	228.216	CT	070	LH	Y	Y	S	MF	46	NA 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. 50-458

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

SYSTEM RHS RESIDUAL HEAT REMOVAL SYSTEM

BOP EQUIPMENT  
HOSE

1RHS*HOSE160	FLEX METAL HOSE HTL BELLOWS	247.011	DW	136	LH	Y	Y	S	HF	10	36-68 A
1RHS*HOSE161	FLEX METAL HOSE HTL BELLOWS	247.011	DW	136	LH	Y	Y	S	HF	10	36-68 A
1RHS*HOSE164	FLEX METAL HOSE HTL BELLOWS	247.011	DW	136	LH	Y	Y	S	HF	10	36-68 B

LT LEVEL TRANSMITTER

1RHS*LT119	PRESS TRANSMITT ROSEMOUNT	247.481	CT	118	RH	Y	Y	NA	MF	48	46,47 A Y
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RTD RESISTANCE TEMPERATURE RECORDER

1RHS*RTD47A	THERMOCOUPLES RTD PYCO	247.461	AB	80	LH	Y	NA	NA	MF	50	NA A Y
1RHS*RTD47B	THERMOCOUPLES RTD PYCO	247.461	AB	80	LH	Y	NA	NA	MF	50	NA A Y

RV

1RHS*RV3A	RELIEF VALVES CROSBY	247.521	AB	106	LH	Y	NA	S	SO	123	NA A1 Y
1RHS*RV3B	RELIEF VALVES CROSBY	247.521	AB	106	LH	Y	NA	S	SO	123	NA A1 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. 50-458

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

SYSTEM RHS RESIDUAL HEAT REMOVAL SYSTEM

STR

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1RHS*STR1A	STRAINER ZURN INDUSTRIES	228.957	CT	70	LH	NA	Y	S	NA	445	NA A	Y
1RHS*STR1B	STRAINER ZURN INDUSTRIES	228.957	CT	70	LH	NA	Y	S	NA	445	NA A	Y
1RHS*STR1C	STRAINER ZURN INDUSTRIES	228.957	CT	70	LH	NA	Y	S	NA	445	NA A	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. 50-458

EQUIP. ID	DESCRIPTION MANUFACTURER	SPEC NO.	BLDG	ELEV	HTG	SEIS	HYDR	ANLYS	TEST	NAT FREQ- LOWEST	RRS REF- ---STATUS--- QUAL INST
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SYSTEM RMS RADIATION MONITORING

BOP EQUIPMENT  
CAB CABINET

1RMS*CAB11A	CABINET GA	247.250	AB	170	CF	Y	NA	NA	MF	33	5 A
1RMS*CAB11B	CABINET GA	247.250	AB	96	CF	Y	NA	NA	MF	33	2 A
1RMS*CAB111	CABINET GA	247.250	CT	162	CF	Y	Y	NA	MF	20	48, 115, 148 A
1RMS*CAB112	CABINET GA	247.250	CT	141	CF	Y	Y	NA	MF	20	48, 115, 148 A
1RMS*CAB125	CABINET GA	247.250	CB	70	CF	Y	NA	NA	MF	>33	1 A
1RMS*CAB13A	CABINET GA	247.250	CB	98	CF	Y	NA	NA	MF	18	7 A
1RMS*CAB13B	CABINET GA	247.250	CB	98	CF	Y	NA	NA	MF	18	7 A
1RMS*CAB14A	CABINET GA	247.250	CB	118	CF	Y	NA	NA	MF	18	8,9 A
1RMS*CAB14B	CABINET GA	247.250	CB	118	CF	Y	NA	NA	MF	18	8,9 A
1RMS*CAB15A	CABINET GA	247.250	AB	96	CF	Y	NA	NA	MF	18	2 A
1RMS*CAB15B	CABINET GA	247.250	AB	95	CF	Y	NA	NA	MF	33	2 A
1RMS*CAB16A	CABINET GA	247.250	CB	73	DH	Y	NA	NA	MF	33	7 A
1RMS*CAB16B	CABINET GA	247.250	CB	73	DH	Y	NA	NA	MF	33	7 A
1RMS*CAB20A	CABINET GA	247.250	CB	73	DH	Y	NA	NA	MF	33	7 A
1RMS*CAB20B	CABINET GA	247.250	CB	73	DH	Y	NA	NA	MF	33	7 A
1RMS*CAB21A	CABINET GA	247.250	CB	73	DH	Y	NA	NA	MF	33	7 A
1RMS*CAB21B	CABINET GA	247.250	CB	73	DH	Y	NA	NA	MF	33	7 A

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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	-----EQUIPMENT-----		---LOCATION---		---LOADS---		-QUAL METH-		-NAT FREQ-	-----RRS REF----	
	DESCRIPTION	SPEC NO.	BLDG	ELEV MTG	SEIS	H:DR	ANLYS	TEST	LOWEST	---STATUS---	QUAL INST

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SYSTEM RNS RADIATION MONITORING

BOP EQUIPMENT  
CAB CABINET

1RMS*CAB5A	CABINET GA	247.250	FB	148	CF	Y	NA	NA	MF	33	19 A
1RMS*CAB5B	CABINET GA	247.250	FB	140	CF	Y	NA	NA	MF	32	19 A

CABX

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1RMS*CABX125	SIGNAL ASSY GA	247.250	CB	75	DH	Y	NA	NA	MF	13	7 A1
1RMS*CABX5A	SIGNAL ASSY GA	247.250	CB	75	DH	Y	NA	NA	MF	13	7 A1
1RMS*CABX5B	SIGNAL ASSY. QA	247.250	FB	153	CF	Y	NA	NA	MF	13	20 A1

FE FLOW ELEMENT

1RMS*FE5A	VEL PROBE GA	247.250	FB	162	LH	Y	NA	S	NA	25	NA A1
1RMS*FE5B	VEL PROBE GA	247.250	FB	162	LH	Y	NA	S	NA	25	NA A1

FEX

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1RMS*FEX125	VEL PROBE GA	247.250	AB	224	LH	Y	NA	S	NA	25	NA A
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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	-----EQUIPMENT-----		---LOCATION---			---LOADS---		QUAL METH-	-NAT FREQ-	----RRS REF----	
	DESCRIPTION	MANUFACTURER	SPEC NO.	BLDG	ELEV	MTG	SEIS	HYDR	ANLYS	TEST	LOWEST
											QUAL INST

SYSTEM RHS RADIATION MONITORING

FEY												
1RMS*FEY125	VEL PROBE GA		247.250	AB	226	LH	Y	NA	S	NA	25	NA A
HX												
1RMS*HX11A	HEAT EXCHANGER GA		247.250	AB	178	DH	Y	NA	NA	MF	22	5 A
1RMS*HX11B	HEAT EXCHANGER GA		247.250	AB	178	DH	Y	NA	NA	MF	22	5 A
JB												
1RMS*JB270	ISOLATION BOX GA		247.250	CB	75	DH	Y	NA	NA	MF	>33	7 A
1RMS*JB271	ISOLATION BOX GA		247.250	SW	123	DH	Y	NA	NA	MF	>33	32 A
1RMS*JB272	ISOLATION BOX GA		247.250	CB	103	DH	Y	NA	NA	MF	>33	8 A
RE	PRIMARY RADIOACTIVITY ELEMENT											
1RMS*RE11A	MONITOR GA		247.250	AB	170	CF	Y	NA	NA	MF	33	5 A
1RMS*RE11B	MONITOR GA		247.250	AB	96	CF	Y	NA	NA	MF	33	4 A
1RMS*RE111	MONITOR GA		247.250	CT	162	CF	Y	Y	NA	MF	33	48, 115, 148 A
1RMS*RE112	MONITOR GA		247.250	CT	141	CF	Y	Y	NA	MF	33	48, 115, 148 A
1RMS*RE125	MONITOR GA		247.250	AB	170	CF	Y	NA	NA	MF	33	5 A

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

SYSTEM RBS RADIATION MONITORING

RE PRIMARY RADIOACTIVITY ELEMENT

1RMS*RE13A	MONITOR GA	247.250	CB	98	CF	Y	NA	NA	MF	33	7 A
1RMS*RE13B	CABINET GA	247.250	CB	98	CF	Y	NA	NA	MF	33	7 A
1RMS*RE14A	CABINET GA	247.250	CB	118	CF	Y	NA	NA	MF	33	31 A
1RMS*RE14B	CABINET GA	247.250	CB	118	CF	Y	NA	NA	MF	33	31 A
1RMS*RE15A	MONITOR GA	247.250	AB	96	CF	Y	NA	NA	MF	33	1 A
1RMS*RE15B	MONITOR GA	247.250	AB	95	CF	Y	NA	NA	MF	33	2 A
1RMS*RE16A	MONITOR GA	247.250	CT	186	DH	Y	Y	NA	MF	33	49, 116, 149 A
1RMS*RE16B	MONITOR GA	247.250	CT	186	DH	Y	Y	NA	MF	33	49, 116, 149 A
1RMS*RE20A	MONITOR GA	247.250	DH	126	DH	Y	Y	NA	MF	33	59, 126, 159 A
1RMS*RE20B	MONITOR GA	247.250	DH	138	DH	Y	Y	NA	MF	33	60, 127, 160 A
1RMS*RE21A	MONITOR GA	247.250	CT	148	LM	Y	Y	NA	MF	33	NA A
1RMS*RE21B	MONITOR GA	247.250	CT	148	LM	Y	Y	NA	MF	33	NA A
1RMS*RE5A	MONITOR GA	247.250	FB	162	CF	Y	NA	NA	MF	33	17 A
1RMS*RE5B	MONITOR GA	247.250	FB	148	CF	Y	NA	NA	MF	33	17 A

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

SYSTEM RBS RADIATION MONITORING

REX \*

1RMS*REX125	MONITOR GA		247.250	AB	170	CF	Y	NA	NA	HF	14	5 A
1RMS*REX5A	MONITOR GA		247.250	FB	148	CF	Y	NA	NA	HF	14	19 A

REY \*

1RMS*REY125	MCU GA		247.250	AB	170	EH	Y	NA	NA	HF	NA	5 C
1RMS*REY13A	MCU GA		247.250	CB	98	EH	Y	NA	NA	HF	NA	7 C
1RMS*REY13B	MCU GA		247.250	CB	98	EH	Y	NA	NA	HF	NA	7 C
1RMS*REY14A	MCU GA		247.250	CB	118	EH	Y	NA	NA	HF	NA	31 C
1RMS*REY14B	MCU GA		247.250	CB	118	EH	Y	NA	NA	HF	NA	31 C

RI RADIOACTIVITY INDICATOR

1RMS*RI21A	INDICATOR GA		247.250	CT	146	DH	Y	Y	NA	HF	33	48, 115, 148 A
1RMS*RI21B	INDICATOR GA		247.250	CT	146	DH	Y	Y	NA	HF	33	48, 115, 148 A

SMPT \*

1RMS*SMPT103	AIR MON & ISOKINETIC SAMPLING AIR MONITOR CORP		216.310	AB	141	DH	Y	NA	D	NA	10	4 A1 Y
1RMS*SMPT11A	AIR MON & ISOKINETIC SAMPLING AIR MONITOR CORP		216.310	SB	189	DH	Y	Y	D	N	10	40,41 A1 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  
NSSF SUPPLIER: GENERAL ELECTRIC

DOCKET NO. 50-458

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

SYSTEM RMS RADIATION MONITORING

SMPT

\*

1RMS*SMPT11B	AIR MON & ISOKINTIC SAMPLING AIR MONITOR CORP	216.310	SB	189	DM	Y	Y	D	N	10	40,41	A1	Y
1RMS*SMPT110	AIR MON & ISOKINETIC SAMPLING AIR MONITOR CORP	216.310	AB	141	DM	Y	NA	D	NA	10	4	A1	Y
1RMS*SMPT125	AIR MON & ISOKINETIC SAMPLING AIR MONITOR CORP	216.310	SB	248	DM	Y	Y	D	N	10	42,43	A1	Y
1RMS*SMPT126	AIR MON & ISOKINETIC SAMPLING AIR MONITOR CORP	216.310	SB	248	DM	Y	Y	D	NA	10	42,43	A1	Y
1RMS*SMPT14A	AIR MON & ISOKINETIC SAMPLING AIR MONITOR CORP	216.310	SH-CL	118	DM	Y	NA	D	NA	10	31	A1	Y
1RMS*SMPT14B	AIR MON & ISOKINETIC SAMPLING AIR MONITOR CORP	216.310	SH-CL	118	DM	Y	NA	D	NA	10	31	A1	Y
1RMS*SMPT5A	AIR MON & ISOKINETIC SAMPLING AIR MONITOR CORP	216.310	FB	148	DM	Y	NA	D	NA	10	19	A1	Y
1RMS*SMPT5B	AIR MON & ISOKINETIC SAMPLING AIR MONITOR CORP	216.310	FB	148	DM	Y	NA	D	NA	10	19	A1	Y





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DOCKET NO. 50-458

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	DESCRIPTION	SPEC NO.	BLDG	ELEV	MTG	SEIS	HYDR	ANLYS	TEST	LOWEST	---STATUS---	QUAL INST
*****												

SYSTEM SAS SERVICE AIR

BOP EQUIPMENT  
MOV MOTOR OPERATED VALVE

1SAS*MOV102	VALVE H.O. 4"-150 LB VELAN	228.212	AB	114	LH	Y	Y	S	HF	52	NA	Y
1SAS*MOV103	VALVE H.O. 4"-150 LB VELAN	228.212	AB	114	LH	Y	Y	S	HF	52	NA	Y

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

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SYSTEM SCH STATION CONTROL MONITORING (VITAL) INDICATION

BOP EQUIPMENT  
PNL PANEL

1SCH*PNL01A	PANEL BOARDS SQUARE "D" CO.	242.421	CB	136	DH	Y	NA	NA	SF	21	9	A	Y
1SCH*PNL01B	PANEL BOARDS SQUARE "D" CO.	242.421	CB	136	DH	Y	NA	NA	SF	21	9	A	Y

XRC

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1SCH*XRC14A1	TRANSFORMER ELGAR CORP.	244.512	CB	116	CF	Y	NA	S	MF		8,9	A1	Y
1SCH*XRC14B1	TRANSFORMER ELGAR CORP.	244.512	CB	116	CF	Y	NA	S	MF		8,9	A1	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. 50-458

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

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SYSTEM SCV STA CONT BUS (VITAL) - AC SUPPLY INCL TFR & TRANS SH

BOP EQUIPMENT  
PNL PANEL

1SCV*PNL14A1	PANEL BOARDS SQUARE "D" CO.	242.421	CB	98	DH	Y	NA	NA	SF	19	7	A	Y
1SCV*PNL14B1	PANEL BOARDS SQUARE "D" CO.	242.421	CB	98	DH	Y	NA	NA	SF	19	7	A	Y
1SCV*PNL15A1	PANEL BOARDS SQUARE "D" CO.	242.421	DG	98	DH	Y	NA	NA	SF	19	12	A	Y
1SCV*PNL15B1	PANEL BOARDS SQUARE "D" CO.	242.421	DG	98	DH	Y	NA	NA	SF	19	12	A	Y
1SCV*PNL16A1	PANEL BOARDS SQUARE "D" CO.	242.421	SH-CL	138	DH	Y	NA	NA	SF	12	33	A	Y
1SCV*PNL16B1	PANEL BOARDS SQUARE "D" CO.	242.421	SH-CL	138	DH	Y	NA	NA	SF	12	33	A	Y
1SCV*PNL2A1	PANEL BOARDS SQUARE "D" CO.	242.421	AD	141	DH	Y	NA	NA	SF	19	4	A	Y
1SCV*PNL2A2	PANEL BOARDS SQUARE "D" CO.	242.421	AB	141	DH	Y	NA	NA	SF	19	4	A	Y
1SCV*PNL2B1	PANEL BOARDS SQUARE "D" CO.	242.421	AB	141	DH	Y	NA	NA	SF	19	4	A	Y
1SCV*PNL2B2	PANEL BOARDS SQUARE "D" CO.	242.421	AB	141	DH	Y	NA	NA	SF	19	4	A	Y
1SCV*PNL2C1	PANEL BOARDS SQUARE "D" CO.	242.421	AB	141	DH	Y	NA	NA	SF	19	4	A	Y
1SCV*PNL2D1	PANEL BOARDS SQUARE "D" CO.	242.421	AB	141	DH	Y	NA	NA	SF	19	4	A	Y
1SCV*PNL2E1	PANEL BOARDS SQUARE "D" CO.	242.421	AB	114	DH	Y	NA	NA	SF	19	3	A	Y
1SCV*PNL2F1	PANEL BOARDS SQUARE "D" CO.	242.421	AB	114	DH	Y	NA	NA	SF	19	3	A	Y
1SCV*PNL2G1	PANEL BOARDS SQUARE "D" CO.	242.421	AB	114	DH	Y	NA	NA	SF	19	3	A	Y
1SCV*PNL2H1	PANEL BOARDS SQUARE "D" CO.	242.421	AB	114	DH	Y	NA	NA	SF	19	3	A	Y
1SCV*PNL2J1	PANEL BOARDS SQUARE "D" CO.	242.421	AB	141	DH	Y	NA	NA	SF	19	4	A	Y

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ENGINEER: STONE & WEBSTER  
NSSS SUPPLIER: GENERAL ELECTRIC

DOCKET NO. 50-458

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

SYSTEM SCV STA CONT BUS (VITAL) - AC SUPPLY INCL TFHR & TRANS SH

BOP EQUIPMENT  
PNL PANEL

1SCV*PNL2K1	PANEL BOARDS SQUARE "D" CO.	242.421	AB	141	DH	Y	NA	NA	SF	19	4		
1SCV*PNL2L1	PANEL BOARDS SQUARE "D" CO.	242.421	AB	141	DH	Y	NA	NA	SF	19	4	A	Y
1SCV*PNL8A1	PANEL BOARDS SQUARE "D" CO.	242.421	CB	98	DH	Y	NA	NA	SF	19	7	A	Y
1SCV*PNL8B1	PANEL BOARDS SQUARE "D" CO.	242.421	CB	98	DH	Y	NA	NA	SF	19	7	A	Y

XD TRANSFORMER DISTRIBUTION

1SCV*XD14A1	TRANSFORMER SOUTHERN TRANSF. CO.	242.132	CB	98	DH	Y	NA	NA	SF	32	7	A	Y
1SCV*XD14B1	TRANSFORMER SOUTHERN TRANSF. CO.	242.132	CB	98	DH	Y	NA	NA	SF	32	7	A	Y
1SCV*XD15A1	TRANSFORMER SOUTHERN TRANSF. CO.	242.132	DG	98	DH	Y	NA	NA	SF	32	12	A	Y
1SCV*XD15B1	TRANSFORMER SOUTHERN TRANSF. CO.	242.132	DG	98	DH	Y	NA	NA	SF	32	12	A	Y
1SCV*XD16A1	TRANSFORMER SOUTHERN TRANSF. CO.	242.132	SH-CL	94	DH	Y	NA	NA	SF	32	31	A	Y
1SCV*XD16B1	TRANSFORMER SOUTHERN TRANSF. CO.	242.132	SH-CL	94	DH	Y	NA	NA	SF	32	31	A	Y
1SCV*XD2A1	TRANSFORMER SOUTHERN TRANSF. CO.	242.132	AB	141	DH	Y	NA	NA	SF	32	4	A	Y
1SCV*XD2A2	TRANSFORMER SOUTHERN TRANSF. CO.	242.132	AB	141	DH	Y	NA	NA	SF	32	4	A	Y
1SCV*XD2B1	TRANSFORMER SOUTHERN TRANSF. CO.	242.132	AB	141	DH	Y	NA	NA	SF	32	4	A	Y
1SCV*XD2B2	TRANSFORMER SOUTHERN TRANSF. CO.	242.132	AB	141	DH	Y	NA	NA	SF	32	4	A	Y
1SCV*XD2C1	TRANSFORMER SOUTHERN TRANSF. CO.	242.132	AB	141	DH	Y	NA	NA	SF	32	4	A	Y



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NSSS SUPPLIER: GENERAL ELECTRIC

DOCKET NO. 50-458

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

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SYSTEM SCV STA CONT BUS (VITAL) - AC SUPPLY INCL TFMR & TRANS SH

XD TRANSFORMER DISTRIBUTION

1SCV*XD2D1	TRANSFORMER SOUTHERN TRANSF. CO.	242.132	AB	141	DH	Y	NA	NA	SF	32	4	A	Y
1SCV*XD2E1	TRANSFORMER SOUTHERN TRANSF. CO.	242.132	AB	114	DH	Y	NA	NA	SF	32	3	A	Y
1SCV*XD2F1	TRANSFORMER SOUTHERN TRANSF. CO.	242.132	AB	114	DH	Y	NA	NA	SF	32	3	A	Y
1SCV*XD2G1	TRANSFORMER SOUTHERN TRANSF. CO.	242.132	AB	141	DH	Y	NA	NA	SF	32	4	A	Y
1SCV*XD2H1	TRANSFORMER SOUTHERN TRANSF. CO.	242.132	AB	141	DH	Y	NA	NA	SF	32	4	A	Y
1SCV*XD2J1	TRANSFORMER SOUTHERN TRANSF. CO.	242.132	AB	141	DH	Y	NA	NA	SF	32	4	A	Y
1SCV*XD2K1	TRANSFORMER SOUTHERN TRANSF. CO.	242.132	AB	141	DH	Y	NA	NA	SF	32	4	A	Y
1SCV*XD2L1	TRANSFORMER SOUTHERN TRANSF. CO.	242.132	AB	141	DH	Y	NA	NA	SF	32	4	A	Y
1SCV*XD8A1	TRANSFORMER SOUTHERN TRANSF. CO.	242.132	CB	98	DH	Y	NA	NA	SF	32	7	A	Y
1SCV*XD8B1	TRANSFORMER SOUTHERN TRANSF. CO.	242.132	CB	98	DH	Y	NA	NA	SF	32	7	A	Y

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	DESCRIPTION MANUFACTURER	SPEC NO.	BLDG	ELEV	MTG	SEIS	HYDR	ANLYS	TEST	LOWEST	---	STATUS---

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SYSTEM SFC SPENT FUEL POOL COOLING AND CLEAN-UP

BOP EQUIPMENT  
E

1SFC*E1A	COOLERS STRUTHERS	223.312	FB	95	CF	Y	NA	S	NA	16	17		
1SFC*E1B	COOLERS STRUTHERS	223.312	FB	95	CF	Y	NA	S	NA	16	17	A	Y

LT LEVEL TRANSMITTER

1SFC*LT11A	PRESS TRANSMITT ROSEMOUNT	247.481	CT	188	RH	Y	Y	NA	MF	49	49,50	A	Y
1SFC*LT11B	PRESS TRANSMITT ROSEMOUNT	247.481	CT	189	RH	Y	Y	NA	MF	49	49,50	A	Y
1SFC*LT28A	PRESS TRANSMITT ROSEMOUNT	247.481	FB	113	RH	Y	NA	NA	MF	49	18	A	Y
1SFC*LT28B	PRESS TRANSMITT ROSEMOUNT	247.481	RB	113	RH	Y	NA	NA	MF	49	18	A	Y

MOV MOTOR OPERATED VALVE

1SFC*MOV119	VALVE H.O. 12"-150 LB VELAN	228.216	FB	131	LM	Y	Y	S	MF	85	NA	A	Y
1SFC*MOV120	VALVE H.O. 1.5"-150 LB VELAN	228.216	AN	130	LM	Y	Y	S	MF	85	NA	A	Y
1SFC*MOV121	VALVE H.O. 8"-150 LB VELAN	228.216	FB	113	LM	Y	Y	S	MF	49	NA	A	Y
1SFC*MOV122	VALVE H.O. 12"-150 LB VELAN	228.216	FB	113	LM	Y	Y	S	MF	85	NA	A	Y
1SFC*MOV139	VALVE H.O. 8"-150 LB VELAN	228.216	AN	130	LM	Y	Y	S	MF	49	NA	A	Y

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	DESCRIPTION MANUFACTURER	SPEC NO.	BLDG	ELEV	MTG	SEIS	HYDR	ANLYS	TEST	LOWEST	---	STATUS---

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SYSTEM SFC SPENT FUEL POOL COOLING AND CLEAN-UP

P PUMP

1SFC*P1A	COOLING PUMP GOULDS PUMPS INC	223.311	FB	70	CF	Y	NA	S	NA	72	16		
											A	Y	
1SFC*P1B	COOLING PUMP GOULDS PUMPS INC.	223.311	FB	70	CF	Y	NA	S	NA	72	16		
											A	Y	

PH

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1SFC*PH1A	COOLING PUMP GOULDS PUMPS INC	223.311	FB	70	CF	Y	NA	S	NA	72	16		
											A	Y	
1SFC*PH1B	COOLING PUMP GOULDS PUMPS INC.	223.311	FB	70	CF	Y	NA	S	NA	72	16		
											A	Y	

RTD RESISTANCE TEMPERATURE RECORDER

1SFC*RTD7A	THERNOCOUPLES RTD PYCO	247.461	FB	70	LM	Y	NA	NA	HF	50	NA		
											A	Y	
1SFC*RTD7B	THERNOCOUPLES RTD PYCO	247.461	FB	70	LM	Y	NA	NA	HF	50	NA		
											A	Y	

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EQUIP. ID	DESCRIPTION MANUFACTURER	SPEC NO.	---LOCATION---			---LOADS---		-QUAL METH- ANLYS TEST	-NAT FREQ- LWST	---RRS REF---	
			BLDG	ELEV	HTG	SEIS	HYDR			---	---
*****											

SYSTEM SLS STANDBY LIQUID CONTROL

BOP EQUIPMENT  
PNL PANEL

1SLS*PNL120	INSTRUMENT RACK ASSEMBLIES HERCURY CO./NORWOOD	247.411	AB	141	DW	Y	NA	NA	44	4	A
1SLS*PNL121	INSTRUMENT RACK ASSEMBLIES HERCURY CO./NORWOOD	247.411	AB	141	DW	Y	NA	NA	44	4	A

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

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SYSTEM SSR REACTOR PLANT SAMPLING SYSTEM

BOP EQUIPMENT  
SOV SOLENOID VALVE

1SSR*SOV130	VALVE 1/2" TARGET ROCK	247.501	RB	114	LH	Y	Y	S	MF	227	NA A1
1SSR*SOV131	VALVE 1/2" TARGET ROCK	247.501	AB	141	LH	Y	Y	S	MF	227	NA A1
1SSR*SOV133	VALVE 3/4" TARGET ROCK	247.501	AB	141	LH	Y	Y	S	MF		NA A1
1SSR*SOV134	VALVE 3/4" TARGET ROCK	247.501	AB	141	LH	Y	Y	S	MF		NA A1
1SSR*SOV139	VALVE 1" TARGET ROCK	247.501	AB	141	LH	Y	Y	S	MF	139	NA A1
1SSR*SOV140	VALVE 1" TARGET ROCK	247.501	AB	141	LH	Y	Y	S	MF		NA A1



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

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SYSTEM SVV STEAM VENTS - SAFETY VALVES

BOP EQUIPMENT  
MOV MOTOR OPERATED VALVE

1SVV*MOV1A	VALVE H.O. 1.5"-600 LB VELAN	228.216	AB	114	LH	Y	NA	S	MF	61	NA	B	Y
1SVV*MOV1B	VALVE H.O. 1.5"-600 LB VELAN	228.216	AB	114	LH	Y	NA	S	MF	61	NA	B	

PNL PANEL

1SVV*PNL101	MONITORING RACK TEC	247.529	CB	136	CF	Y	N	NA	MF	NA	9	A	
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RAK RACK

1SVV*RAK5A	PRE-AMP HOUSING TEC	247.529	CT	114	DH	Y	Y	NA	MF	NA	46	A	
1SVV*RAK5B	PRE-AMP HOUSING TEC	247.529	CT	114	DH	Y	Y	NA	MF	NA	46	A	
1SVV*RAK5C	PRE-AMP HOUSING TEC	247.529	CT	114	DH	Y	Y	NA	MF	NA	46	A	
1SVV*RAK5D	PRE-AMP HOUSING TEC	247.529	CT	114	DH	Y	Y	NA	MF	NA	46	A	
1SVV*RAK5E	PRE-AMP HOUSING TEC	247.529		114	DH	Y	Y	NA	MF	NA	46	A	
1SVV*RAK5F	PRE-AMP HOUSING TEC	247.529	CT	114	DH	Y	Y	NA	MF	NA	46	A	

SOV SOLENOID VALVE

1SVV*SOV20A	VALVE - 1 1/2" TARGET ROCK	247.501	RB	114	LH	Y	Y	S	MF		NA	A1	Y
1SVV*SOV20B	VALVE - 1 1/2" TARGET ROCK	247.501	RB	114	LH	Y	Y	S	MF		NA	A1	Y

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

SYSTEM SVV STEAM VENTS - SAFETY VALVES

SOV SOLENOID VALVE

1SVV*SOV21A	VALVE - 1 1/2" TARGET ROCK	247.501	RB	114	LH	Y	Y	S	MF		NA A1	Y
1SVV*SOV21B	VALVE - 1 1/2" TARGET ROCK	247.501	RB	114	LH	Y	Y	S	MF		NA A1	Y
1SVV*SOV22A	VALVE - 1 1/2" TARGET ROCK	247.501	RB	114	LH	Y	Y	S	MF		NA A1	Y
1SVV*SOV22B	VALVE - 1 1/2" TARGET ROCK	247.501	RB	114	LH	Y	Y	S	MF		NA A1	Y

ZE PRIMARY POSITION ELEMENT

1SVV*ZE10A	SENSOR TEC	247.529	DW	114	LH	Y	Y	NA	MF	>1000	NA A	
1SVV*ZE10B	SENSOR TEC	247.529	DW	114	LH	Y	Y	NA	MF	>1000	NA A	
1SVV*ZE10C	SENSOR TEC	247.529	DW	114	LH	Y	Y	NA	MF	>1000	NA A	
1SVV*ZE10D	SENSOR TEC	247.529	DW	114	LH	Y	Y	NA	MF	>1000	NA A	
1SVV*ZE10E	SENSOR TEC	247.529	DW	114	LH	Y	Y	NA	MF	>1000	NA A	
1SVV*ZE10F	SENSOR TEC	247.529	DW	114	LH	Y	Y	NA	MF	>1000	NA A	
1SVV*ZE10G	SENSOR TEC	247.529	DW	114	LH	Y	Y	NA	MF	>1000	NA A	
1SVV*ZE10H	SENSOR TEC	247.529	DW	114	LH	Y	Y	NA	MF	>1000	NA A	
1SVV*ZE10J	SENSOR TEC	247.529	DW	114	LH	Y	Y	NA	MF	>1000	NA A	
1SVV*ZE10K	SENSOR TEC	247.529	DW	114	LH	Y	Y	NA	MF	>1000	NA A	
1SVV*ZE10L	SENSOR TEC	247.529	DW	114	LH	Y	Y	NA	MF	>1000	NA A	

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

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SYSTEM SVV STEAM VENTS - SAFETY VALVES

ZE PRIMARY POSITION ELEMENT

1SVV*ZE10M	SENSOR TEC	247.529	DW	114	LH	Y	Y	NA	HF	>1000	NA A
1SVV*ZE10N	SENSOR TEC	247.529	DW	114	LH	Y	Y	NA	HF	>1000	NA A
1SVV*ZE10P	SENSOR TEC	247.529	DW	114	LH	Y	Y	NA	HF	>1000	NA A
1SVV*ZE10Q	SENSOR TEC	247.529	DW	114	LH	Y	Y	NA	HF	>1000	NA A
1SVV*ZE10R	SENSOR TEC	247.529	DW	114	LH	Y	Y	NA	HF	>1000	NA A

ZIS

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1SVV*ZIS10A	MONITOR TEC	247.529	CB	136	RH	Y	NA	N	HF	NA	9 A
1SVV*ZIS10B	MONITOR TEC	247.529	CB	136	RH	Y	NA	N	HF	NA	9 A
1SVV*ZIS10C	MONITOR TEC	247.529	CB	136	RH	Y	NA	N	HF	NA	9 A
1SVV*ZIS10D	MONITOR TEC	247.529	CB	136	RH	Y	NA	N	HF	NA	9 A
1SVV*ZIS10E	MONITOR TEC	247.529	CB	136	RH	Y	NA	N	HF	NA	9 A
1SVV*ZIS10F	MONITOR TEC	247.529	CB	136	RH	Y	NA	N	HF	NA	9 A
1SVV*ZIS10G	MONITOR TEC	247.529	CB	136	RH	Y	NA	N	HF	NA	9 A
1SVV*ZIS10H	MONITOR TEC	247.529	CB	136	RH	Y	N	N	HF	NA	9 A
1SVV*ZIS10J	MONITOR TEC	247.529	CB	136	RH	Y	NA	N	HF	NA	9 A
1SVV*ZIS10K	MONITOR TEC	247.529	CB	136	RH	Y	NA	N	HF	NA	9 A

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JOB NAME RBS - UNIT 1  
UTILITY GULF STATES

SEISHIC 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-----		---LOCATION---			---LOADS---		-QUAL METH-		-NAT FREQ-	----RRS REF----	
	DESCRIPTION	MANUFACTURER	SPEC NO.	BLDG	ELEV	MTG	SEIS	HYDR	ANLYS	TEST	LOWEST	---STATUS---

\*\*\*\*\*

SYSTEM SVV STEAM VENTS - SAFETY VALVES

ZIS													*
1SVV*ZIS10L	MONITOR TEC		247.529	CB	136	RH	Y	NA	N	HF	NA	9	A
ZISI													*
1SVV*ZIS10M	MONITOR TEC		247.529	CB	136	RH	Y	N	NA	HF	NA	9	A
1SVV*ZIS10N	MONITOR TEC		247.529	CB	136	RH	Y	N	NA	HF	NA	9	A
1SVV*ZIS10P	MONITOR TEC		247.529	CB	136	RH	Y	N	NA	HF	NA	9	A
1SVV*ZIS10Q	MONITOR TEC		247.529	CB	136	RH	Y	N	NA	HF	NA	9	A
1SVV*ZIS10R	MONITOR TEC		247.529	CB	136	RH	Y	N	N	HF	NA	9	A
ZT													*
1SVV*ZT10A	PRE-AMP TEC		247.529	DW	114	DW	Y	Y	NA	HF	NA	58	A
1SVV*ZT10B	PRE-AMP TEC		247.529	DW	114	DW	Y	Y	NA	HF	NA	58	A
1SVV*ZT10C	PRE-AMP TEC		247.529	DW	114	DW	Y	Y	NA	HF	NA	58	A
1SVV*ZT10D	PRE-AMP TEC		247.529	DW	114	DW	Y	Y	NA	HF	NA	58	A
1SVV*ZT10E	PRE-AMP TEC		247.529	DW	114	DW	Y	Y	NA	HF	NA	58	A
1SVV*ZT10F	PRE-AMP TEC		247.529	DW	114	DW	Y	Y	NA	HF	NA	58	A
1SVV*ZT10G	PRE-AMP TEC		247.529	DW	114	DW	Y	Y	NA	HF	NA	58	A



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ENGINEER: STONE & WEBSTER  
NSSS SUPPLIER: GENERAL ELECTRIC

DOCKET NO. 50-458

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

SYSTEM SVV STEAM VENTS - SAFETY VALVES

ZT

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1SVV*ZT10H	PRE-AMP TEC	247.529	DW	114	DW	Y	Y	NA	MF	NA	58	A
1SVV*ZT10J	PRE-AMP TEC	247.529	DW	114	DW	Y	Y	NA	MF	NA	58	A
1SVV*ZT10K	PRE-AMP TEC	247.529	DW	114	DW	Y	Y	NA	MF	NA	58	A
1SVV*ZT10L	PRE-AMP TEC	247.529	DW	114	DW	Y	Y	NA	MF	NA	58	A
1SVV*ZT10M	PRE-AMP TEC	247.529	DW	114	DW	Y	Y	NA	MF	NA	58	A
1SVV*ZT10N	PRE-AMP TEC	247.529	DW	114	DW	Y	Y	NA	MF	NA	58	A
1SVV*ZT10P	PRE-AMP TEC	247.529	DW	114	DW	Y	Y	NA	MF	NA	58	A
1SVV*ZT10Q	PRE-AMP TEC	247.529	DW	114	DW	Y	Y	NA	MF	NA	58	A
1SVV*ZT10R	PRE-AMP TEC	247.529	DW	114	DW	Y	Y	NA	MF	NA	58	A



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ENGINEER: STONE & WEBSTER  
NSSS SUPPLIER: GENERAL ELECTRIC

DOCKET NO. 50-458

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

SYSTEM SVY

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BOP EQUIPMENT  
MOV MOTOR OPERATED VALVE

1SVY*MOV1B	VALVE H.O. 1.5"-1500 LB VELAN	228.216	AB	141	LM	Y	Y	S	MF	61	NA 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-----		---LOCATION---		---LOADS---		-QUAL METH-		-NAT FREQ-		----RRS REF----	
	DESCRIPTION MANUFACTURER	SPEC NO.	BLDG	ELEV MTG	SEIS	HYDR	ANLYS	TEST	LOWEST	---	STATUS---	QUAL INST

SYSTEM SHP SERVICE WATER

BOP EQUIPMENT  
AOV AIR OPERATED VALVE

1SWP*AOV51A	2"-150# GLOBE FISHER CONTROLS	247.491	AB	141	LH	Y	NA				NA	D	Y
1SWP*AOV51B	2"-150# GLOBE FISHER CONTROLS	247.491	AB	141	LH	Y	NA				NA	D	Y

FN FAN

1SWP*FN1A	AXIVANE FAN JOY MFG CO	232.530	SH-CL	138	CF	Y	NA	D	NA	46	33	A	Y
1SWP*FN1B	AXIVANE FAN JOY MFG CO	232.530	SH-CL	138	CF	Y	NA	D	NA	46	33	A	Y
1SWP*FN1C	AXIVANE FAN JOY MFG CO	232.530	SH-CL	138	CF	Y	NA	D	NA	46	33	A	Y
1SWP*FN1D	AXIVANE FAN JOY MFG CO	232.530	SH-CL	138	CF	Y	NA	D	NA	46	33	A	Y
1SWP*FN1E	AXIVANE FAN JOY MFG CO	232.530	SH-CL	138	CF	Y	NA	D	NA	46	33	A	Y
1SWP*FN1F	AXIVANE FAN JOY MFG CO	232.530	SH-CL	138	CF	Y	NA	D	NA	46	33	A	Y
1SWP*FN1G	AXIVANE FAN JOY MFG CO	232.530	SH-CL	138	CF	Y	NA	D	NA	46	33	A	Y
1SWP*FN1H	AXIVANE FAN JOY MFG CO	232.530	SH-CL	138	CF	Y	NA	D	NA	46	33	A	Y
1SWP*FN1J	AXIVANE FAN JOY MFG CO	232.530	SH-CL	138	CF	Y	NA	D	NA	46	33	A	Y
1SWP*FN1K	AXIVANE FAN JOY MFG CO	232.530	SH-CL	138	CF	Y	NA	D	NA	46	33	A	Y
1SWP*FN1L	AXIVANE FAN JOY MFG CO	232.530	SH-CL	138	CF	Y	NA	D	NA	46	33	A	Y
1SWP*FN1M	AXIVANE FAN JOY MFG CO	232.530	SH-CL	138	C	Y	NA	D	NA	46	33	A	Y
1SWP*FN1N	AXIVANE FAN JOY MFG CO	232.530	SH-CL	138	CF	Y	NA	D	NA	46	33	A	Y

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MASTER LIST OF SAFETY RELATED EQUIPMENT

ENGINEER: STONE & WEBSTER  
NSSS SUPPLIER: GENERAL ELECTRIC

DOCKET NO. 50-458

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

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SYSTEM SWP SERVICE WATER

FN FAN

1SWP*FN1P	AXIVANE FAN JOY HFG CO	232.530	SW-CL	138	CF	Y	NA	D	NA	46	33	A	Y
1SWP*FN1Q	AXIVANE FAN JOY HFG CO	232.530	SW-CL	138	CF	Y	NA	D	NA	46	33	A	Y
1SWP*FN1R	AXIVANE FAN JOY HFG CO	232.530	SW-CL	138	CF	Y	NA	D	NA	46	33	A	Y
1SWP*FN1S	AXIVANE FAN JOY HFG CO	232.530	SW-CL	138	CF	Y	NA	D	NA	46	33	A	Y
1SWP*FN1T	AXIVANE FAN JOY HFG	232.530	SW-CL	138	CF	Y	NA	D	NA	46	33	A	Y
1SWP*FN1U	AXIVANE FAN JOY HFG	232.530	SW-CL	138	CF	Y	NA	D	NA	46	33	A	Y
1SWP*FN1V	AXIVANE FAN JOY HFG	232.530	SW-CL	138	CF	Y	NA	D	NA	46	33	A	Y

FT FLOW TRANSMITTER

1SWP*FT59A	PRESS TRANSMITT ROSEMOUNT	247.481	FB	70	RH	Y	NA	NA	HF	48	16	A	Y
1SWP*FT59B	PRESS TRANSMITT ROSEMOUNT	247.481	FB	70	RH	Y	NA	NA	HF	48	16	A	Y
1SWP*FT60A	PRESS TRANSMITT ROSEMOUNT	247.481	FB	70	RH	Y	NA	NA	HF	48	16	A	Y
1SWP*FT60B	PRESS TRANSMITT ROSEMOUNT	247.481	FB	70	RH	Y	NA	NA	HF	48	16	A	Y
1SWP*FT64A	PRESS TRANSMITT ROSEMOUNT	247.481	AB	95	RH	Y	NA	NA	HF	48	7	A	Y
1SWP*FT64B	PRESS TRANSMITT ROSEMOUNT	247.481	AB	95	RH	Y	NA	NA	HF	48	7	A	Y
1SWP*FT69A	PRESS TRANSMITT ROSEMOUNT	247.481	CB	98	RH	Y	NA	NA	HF	48	7	A	Y
1SWP*FT69B	PRESS TRANSMITT ROSEMOUNT	247.481	CB	98	RH	Y	NA	NA	HF	48	7	A	Y

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SEISMIC AND DYNAMIC QUALIFICATION SUMMARY AND STATUS REPORT  
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ENGINEER: STONE & WEBSTER  
NSSS SUPPLIER: GENERAL ELECTRIC

DOCKET NO. 50-458

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

\*\*\*\*\*

SYSTEM SHP SERVICE WATER

FT FLOW TRANSMITTER

1SHP*FT69C	PRESS TRANSHITT ROSEMOUNT	247.481	CB	98	RH	Y	NA	NA	HF	48	7	A	Y
1SHP*FT69D	PRESS TRANSHITT ROSEMOUNT	247.481	CB	98	RI	Y	NA	NA	HF	48	7	A	Y

LT LEVEL TRANSMITTER

1SHP*LT164	PRESS TRANSHITT ROSEMOUNT	247.481	SH-CI	118	RH	Y	NA	NA	HF	49	31	A	Y
1SHP*LT167	PRESS TRANSHITT ROSEMOUNT	247.481	SH-CL	118	RH	Y	NA	NA	HF	49	31	A	Y

HOV MOTOR OPERATED VALVE

1SHP*HOV171	8"-170# BUTTERFLY JAMESBURY	228.243	PT	70	LH	Y	NA	D	NA	58	NA	A	Y
1SHP*HOV172	8"-170# BUTTERFLY JAMESBURY	228.243	PT	70	LH	Y	NA	D	NA	58	NA	A	Y
1SHP*HOV173	8"-170# BUTTERFLY JAMESBURY	228.243	PT	70	LH	Y	NA	D	NA	58	NA	A	Y
1SHP*HOV174	8"-170# BUTTERFLY JAMESBURY	228.243	PT	70	LH	Y	NA	D	NA	58	NA	A	Y
1SHP*HOV27A	6"-150# BUTTERFLY JAMESBURY	228.243	CB	98	LH	Y	NA	D	NA	58	NA	A	Y
1SHP*HOV27B	6"-150# BUTTERFLY JAMESBURY	228.243	CB	98	LH	Y	NA	D	NA	58	NA	A	Y
1SHP*HOV27C	6"-150# BUTTERFLY JAMESBURY	228.243	CB	98	LH	Y	NA	D	NA	58	NA	A	Y
1SHP*HOV27D	6"-150# BUTTERFLY JAMESBURY	228.243	CB	98	LH	Y	NA	D	NA	58	NA	A	Y
1SHP*HOV4A	VALVE H.O. 10"-600 LB VELAN	228.212	CT	141	LH	Y	Y	S	HF	58	NA	A1	Y

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EQUIP. ID	-----EQUIPMENT-----		---LOCATION---			---LOADS---		-QUAL METH-	-NAT FREQ-	----RRS REF----		
	DESCRIPTION MANUFACTURER	SPEC NO.	BLDG	ELEV	MTG	SEIS	HYDR	ANLYS TEST	LOWEST	---STATUS---	QUAL INST	
*****												
SYSTEM SWP SERVICE WATER												
MOV MOTOR OPERATED VALVE												
1SWP*HOV4B	VALVE H.O. 10"-600 LB VELAN	228.212	CT	141	LH	Y	Y	S	HF	58	NA A1	Y
1SWP*HOV40A	18"-155# BUTTERFLY JAMESBURY	228.243	SH-CL	118	LH	Y	NA	D	NA	52	NA A	Y
1SWP*HOV40B	18"-155# BUTTERFLY JAMESBURY	228.243	SH-CL	118	LH	Y	NA	D	NA	52	NA A	Y
1SWP*HOV40C	18"-155# BUTTERFLY JAMESBURY	228.243	SH-CL	118	LH	Y	NA	D	NA	52	NA A	Y
1SWP*HOV40D	18"-155# BUTTERFLY JAMESBURY	228.243	SH-CL	118	LH	Y	NA	D	NA	52	NA A	Y
1SWP*HOV5A	VALVE H.O. 10"-600 LB. VELAN	228.212	CT	141	LH	Y	Y	S	HF	58	NA A1	Y
1SWP*HOV5B 1	VALVE H.O. 10"-600 LB VELAN	228.212	CT	162	LH	Y	Y	S	HF	58	NA A1	Y
1SWP*HOV501A	18"-155# BUTTERFLY JAMESBURY	228.243	PT	70	LH	Y	NA	D	NA	52	NA A	Y
1SWP*HOV501B	18"-155# BUTTERFLY JAMESBURY	228.243	PT	70	LH	Y	NA	D	NA	52	NA A	Y
1SWP*HOV502A	VALVE H.O. 6"-600 LB VELAN	228.212	CT	162	LH	Y	Y	S	HF	54	NA A	Y
1SWP*HOV502B	VALVE H.O. 6"-600 LB VELAN	228.212	CT	162	LH	Y	Y	S	HF	54	NA A	Y
1SWP*HOV503A	VALVE H.O. 6"-600 LB VELAN	228.212	CT	162	LH	Y	Y	S	HF	54	NA A	Y
1SWP*HOV503B	VALVE H.O. 6"-600 LB VELAN	228.212	CT	162	LH	Y	Y	S	HF	54	NA A	Y
1SWP*HOV504A	VALVE H.O. 12"-300 LB VELAN	228.212	AB	070	LH	Y	Y	S	HF	79	NA A	Y
1SWP*HOV504B	VALVE H.O. 12"-300 LB VELAN	228.212	AB	070	LH	Y	NA	S	HF	82	NA A	Y
1SWP*HOV505A	30"-135# BUTTERFLY JAMESBURY	228.243	SH-CL	66	LH	Y	NA	D	NA	>33	NA A	Y
1SWP*HOV505B	30"-135# BUTTERFLY JAMESBURY	228.243	SH-CL	66	LH	Y	NA	D	NA	>33	NA A	Y



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ENGINEER: STONE & WEBSTER  
NSSS SUPPLIER: GENERAL ELECTRIC

DOCKET NO. 50-458

EQUIP. ID	-----EQUIPMENT-----		---LOCATION---			---LOADS---		-QUAL METH-		-NAT FREQ-	----RRS REF----		
	DESCRIPTION MANUFACTURER	SPEC NO.	BLDG	ELEV	HTG	SEIS	HYDR	ANLYS	TEST	LOWEST	---	STATUS---	QUAL INST
*****													
SYSTEM SHP SERVICE WATER													
HOV MOTOR OPERATED VALVE													
1SHP*HOV506A	8"-170# BUTTERFLY JAMESBURY	228.243	PT	67	LH	Y	NA	D	NA	58	NA	A	Y
1SHP*HOV506B	8"-155# BUTTERFLY JAMESBURY	228.243	PT	67	LH	Y	NA	D	NA	58	NA	A	Y
1SHP*HOV507A	VALVE H.O. 12"-500 LB VELAN	228.212	AB	114	LH	Y	Y	S	HF	79	NA	A	Y
1SHP*HOV507B	VALVE H.O. 12"-300 LB VELAN	228.212	AB	141	LH	Y	Y	S	HF	79	NA	A	Y
1SHP*HOV510A	VALVE H.O. 12"-300 LB VELAN	228.212	AB	070	LH	Y	NA	S	HF	79	NA	A	Y
1SHP*HOV510B	VALVE H.O. 12"-300 LB VELAN	228.212	AB	070	LH	Y	NA	S	HF	79	NA	A	Y
1SHP*HOV511A	18"-155# BUTTERFLY JAMESBURY	228.243	PT	70	LH	Y	NA	D	NA	52	NA	A	Y
1SHP*HOV511B	18"-155# BUTTERFLY JAMESBURY	228.243	PT	70	LH	Y	NA	D	NA	52	NA	A	Y
1SHP*HOV55A	30"-135# BUTTERFLY JAMESBURY	228.243	PT	66	LH	Y	NA	D	NA	>33	NA	A	Y
1SHP*HOV55B	30"-135# BUTTERFLY JAMESBURY	228.243	PT	66	LH	Y	NA	D	NA	>33	NA	A	Y
1SHP*HOV57A	30"-155# BUTTERFLY JAMESBURY	228.243	PT	70	LH	Y	NA	D	NA	>33	NA	A	Y
1SHP*HOV57B	30"-155# BUTTERFLY JAMESBURY	228.243	PT	70	LH	Y	NA	D	NA	>33	NA	A	Y
1SHP*HOV61A	30"-135# BUTTERFLY JAMESBURY	228.243	PT	66	LH	Y	NA	D	NA	>33	NA	A	Y
1SHP*HOV61B	30"-135# BUTTERFLY JAMESBURY	228.243	PT	66	LH	Y	NA	D	NA	>33	NA	A	Y
1SHP*HOV73A	VALVE H.O. 4"-150 LB VELAN	228.212	AB	114	LH	Y	NA	S	HF	52	NA	A	Y
1SHP*HOV73B	VALVE H.O. 4"-150 LB VELAN	228.212	AB	114	LH	Y	NA	S	HF	52	NA	A	Y
1SHP*HOV74A	VALVE H.O. 4"-150 LB VELAN	228.212	AB	114	LH	Y	NA	S	HF	52	NA	A	Y

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MASTER LIST OF SAFETY RELATED EQUIPMENT

ENGINEER: STONE & WEBSTER  
NSSS SUPPLIER: GENERAL ELECTRIC

DOCKET NO. 50-458

EQUIP. ID	-----EQUIPMENT-----		---LOCATION---		---LOADS---		-QUAL METH-		-NAT FPEQ-	----RRS REF----	
	DESCRIPTION	SPEC NO.	BLDG	ELEV MTG	SEIS	HYDR	ANLYS	TEST	LOHEST	---STATUS---	QUAL INST

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SYSTEM SWP SERVICE WATER

MOV MOTOR OPERATED VALVE

1SWP*MOV74B	VALVE H.O. 4"-150 LB VELAN	228.212	AB	114	LH	Y	NA	S	MF	52	NA	A	Y
1SWP*MOV77A	8"-155# BUTTERFLY JAMESBURY	228.243	PT	67	LH	Y	NA	D	NA	58	NA	A	Y
1SWP*MOV77B	8"-155# BUTTERFLY JAMESBURY	228.243	PT	67	LH	Y	NA	D	NA	58	NA	A	Y
1SWP*MOV81A	VALVE H.O. 12"-300 LB VELAN	228.212	AB	114	LH	Y	Y	S	MF	79	NA	A	Y
1SWP*MOV81B	VALVE H.O. 12"-300 LB VELAN	228.212	AB	141	LH	Y	Y	S	MF	79	NA	A	Y
1SWP*MOV96A	8"-155# BUTTERFLY JAMESBURY	228.243	PT	70	LH	Y	NA	D	NA	58	NA	A	Y
1SWP*MOV96B	8"-155# BUTTERFLY JAMESBURY	228.243	PT	70	LH	Y	NA	D	NA	58	NA	A	Y

P PUMP

1SWP*P2A	WATER PUMP HAYWARD TYLER CO	232.920	SH-CL	118	CF	Y	NA	S	NA	26	31	A	Y
1SWP*P2B	WATER PUMP HAYWARD TYLER CO	232.920	SH-CL	118	CF	Y	NA	S	NA	26	31	A	Y
1SWP*P2C	WATER PUMP HAYWARD TYLER CO	232.920	SH-CL	118	CF	Y	NA	S	NA	26	31	A	Y
1SWP*P2D	WATER PUMP HAYWARD TYLER CO	232.920	SH-CL	118	CF	Y	NA	S	NA	26	31	A	Y
1SWP*P3A	CENTRIFUGAL PUMPS GOULD PUMPS	237.160	CB	98	CF	Y	NA	S	NA	33	7	A	Y
1SWP*P3B	CENTRIFUGAL PUMPS GOULD PUMPS	237.160	CB	98	CF	Y	NA	S	NA	33	7	A	Y
1SWP*P3C	CENTRIFUGAL PUMPS GOULD PUMPS	237.160	CB	98	CF	Y	NA	S	NA	33	7	A	Y
1SWP*P3D	CENTRIFUGAL PUMPS GOULD PUMPS	237.160	CB	98	CF	Y	NA	S	NA	33	7	A	Y

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  
N555 SUPPLIER: GENERAL ELECTRIC

DOCKET NO. 50-458

EQUIP. ID	-----EQUIPMENT-----		---LOCATION---			---LOADS---		-QUAL METH-		-NAT FREQ-	----RRS REF----	
	DESCRIPTION MANUFACTURER	SPEC NO.	BLDG	ELEV	HTG	SEIS	HYDR	ANLYS	TEST	LOWEST	---	---STATUS--- QUAL INST
*****												
SYSTEM SWP SERVICE WATER												
PT PRESSURE TRANSMITTER												
1SWP*PT21A	PRESS TRANSHITT ROSEMOUNT	247.481	AB	96	RH	Y	NA	NA	HF	48	2	A Y
1SWP*PT21B	PRESS TRANSHITT ROSEMOUNT	247.481	AB	96	RH	Y	NA	NA	HF	48	2	A Y
1SWP*PT21C	PRESS TRANSHITT ROSEMOUNT	247.481	AB	96	RH	Y	NA	NA	HF	48	2	A Y
1SWP*PT21D	PRESS TRANSHITT ROSEMOUNT	247.481	AB	96	RH	Y	NA	NA	HF	48	2	A Y
1SWP*PT21E	PRESS TRANSHITT ROSEMOUNT	247.481	AB	96	RH	Y	NA	NA	HF	48	2	A Y
1SWP*PT21F	PRESS TRANSHITT ROSEMOUNT	247.481	AB	96	RH	Y	NA	NA	HF	48	2	A Y
1SWP*PT21G	PRESS TRANSHITT ROSEMOUNT	247.481	AB	96	RH	Y	NA	NA	HF	48	2	A Y
1SWP*PT21H	PRESS TRANSHITT ROSEMOUNT	247.481	AB	96	RH	Y	NA	NA	HF	48	2	A Y
1SWP*PT32A	PRESS TRANSHITT ROSEMOUNT	247.481	CB	98	RH	Y	NA	NA	HF	48	7	A Y
1SWP*PT32B	PRESS TRANSHITT ROSEMOUNT	247.481	CB	98	RH	Y	NA	NA	HF	48	7	A Y
1SWP*PT32C	PRESS TRANSHITT ROSEMOUNT	247.481	CB	98	RH	Y	NA	NA	HF	48	7	A Y
1SWP*PT32D	PRESS TRANSHITT ROSEMOUNT	247.481	CB	98	RH	Y	NA	NA	HF	48	7	A Y
1SWP*PT50A	PRESS TRANSHITT ROSEMOUNT	247.481	SH-CL	118	RH	Y	NA	NA	HF	48	31	A Y
1SWP*PT50B	PRESS TRANSHITT ROSEMOUNT	247.481	SH-CL	118	RH	Y	NA	NA	HF	48	31	A 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	-----EQUIPMENT-----		---LOCATION---			---LOADS---		-QUAL METH-		-NAT FREQ-	----RRS REF----	
	DESCRIPTION	SPEC NO.	BLDG	ELEV	HTG	SEIS	HYDR	ANLYS	TEST	LOWEST	---	STATUS---
	MANUFACTURER										QUAL	INST

\*\*\*\*\*

SYSTEM SHP SERVICE WATER

PVX

\*

1SHP*PVX32A	3"-150# GLOBE COPEES VULCAN	247.497	CB	98	LH	Y	NA	S	NA	81	NA B	Y
1SHP*PVX32B	3"-150# GLOBE COPEES VULCAN	247.497	CB	98	LH	Y	NA	S	NA	81	NA B	Y
1SHP*PVX32C	3"-150# GLOBE COPEES VULCAN	247.497	CB	98	LH	Y	NA	S	NA	81	NA B	Y
1SHP*PVX32D	3"-150# GLOBE COPEES VULCAN	247.497	CB	98	LH	Y	NA	S	NA	81	NA B	Y

PVY

\*

1SHP*PVY32A	3"-150# GLOBE COPEES VULCAN	247.497	CB	98	LH	Y	NA	S	NA	86	NA B	Y
1SHP*PVY32B	3"-150# GLOBE COPEES VULCAN	247.497	CB	98	LH	Y	NA	S	NA	86	NA B	Y
1SHP*PVY32C	3"-150# GLOBE COPEES VULCAN	247.497	CB	98	LH	Y	NA	S	NA	86	NA B	Y
1SHP*PVY32D	3"-150# GLOBE COPEES VULCAN	247.497	CB	98	LH	Y	NA	S	NA	86	NA S	Y

RTD RESISTANCE TEMPERATURE RECORDER

1SHP*RTD31A	THERMOCOUPLES RTD PYCO	247.461	SH-CL	86	LH	Y	NA	NA	HF	50	NA A	Y
1SHP*RTD31B	THERMOCOUPLES RTD PYCO	247.461	SH-CL	36	LH	Y	NA	NA	HF	50	NA A	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	SPEC NO.	---LOCATION---			---LOADS---		-QUAL METH-	-NAT FREQ-	---RRS REF---	
			BLDG	ELEV	MTG	SEIS	HYDR			ANLYS	TEST

SYSTEM SHP SERVICE WATER

RV

\*

1SHP*RV119	RELIEF VALVES CROSBY	247.521	AB	142	LH	Y	NA	S	SO	157	NA	A	
1SHP*RV133	RELIFF VAL 'ES CROSBY	247.521	DG	98	LH	Y	NA	S	SO	157	NA	A	Y
1SHP*RV140	RELIEF VALVES CROSBY	247.521	RB	151	LH	Y	Y	S	SO	157	NA	A	Y
1SHP*RV49A	RELIEF VALVES CROSBY	247.521	AB	141	LH	Y	NA	S	SO	157	NA	A	Y
1SHP*RV49B	RELIEF VALVES CROSBY	247.521	AB	141	LH	Y	NA	S	SO	157	NA	A	Y
1SHP*RV79A	RELIEF VALVES CROSBY	247.521	DG	98	LH	Y	NA	S	SO	157	NA	A	Y
1SHP*RV79B	RELIEF VALVES CROSBY	247.521	DG	98	LH	Y	NA	S	SO	157	NA	A	Y
1SHP*RV91A	RELIEF VALVES CROSBY	247.521	CB	98	LH	Y	NA	S	SO	157	NA	A	Y
1SHP*RV91B	RELIEF VALVES CROSBY	247.521	CB	98	LH	Y	NA	S	SO	157	NA	A	Y
1SHP*RV91C	RELIEF VALVES CROSBY	247.521	CB	98	LH	Y	NA	S	SO	157	NA	A	Y
1SHP*RV91D	RELIEF VALVES CROSBY	247.521	CB	98	LH	Y	NA	S	SO	157	NA	A	Y

TH

\*

1SHP*TH107	THERMOCOUPLES RTD PYCO	247.461	DH	148	LH	Y	Y	S	NA		NA	B1	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	SPEC NO.	BLDG	ELEV	MTG	SEIS	HYDR	ANLYS	TEST	NAT FREQ- LOWEST	RRS REF- STATUS- QUAL INST
-----------	-----------------------------	----------	------	------	-----	------	------	-------	------	---------------------	----------------------------------

SYSTEM SWP SERVICE WATER

V

1SHP*V353	30" - BUTTERFLY JAMESBURY	228.243	SH-CL	66	LH	Y	NA	D	NA	13	NA A 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  
N5SS SUPPLIER: GENERAL ELECTRIC

DOCKET NO. 50-458

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

\*\*\*\*\*

SYSTEM VBS VITAL BUS SYSTEM (INCOMING SUPPLY FROM INVERTER)

BOP EQUIPMENT  
PNL PANEL

1VBS*PNL01A	PANEL BOARDS SQUARE "D" CO.	242.421	CB	136	DH	Y	NA	NA	SF	18	9	A	Y
1VBS*PNL01B	PANEL BOARDS SQUARE "D" CO.	242.421	CB	136	DH	Y	NA	NA	SF	18	9	A	Y

TRS

\*

1VBS*TRS01A	SWITCH ELGAR CORP.	244.512	CB	116	CF	Y	NA	NA	HF		8,9	A1	Y
1VBS*TRS01B	SWITCH ELGAR CORP.	244.512	CB	116	CF	Y	NA	NA	HF		8,9	A1	Y

XRC

\*

1VBS*XRC14A1	TRANSFORMER ELGAR CORP.	244.512	CB	116	CF	Y	NA	NA	HF		8,9	A1	Y
1VBS*XRC14B1	TRANSFORMER ELGAR CORP.	244.512	CB	116	CF	Y	NA	NA	HF		8,9	A1	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	-----EQUIPMENT-----		---LOCATION---			---LOADS---		-QUAL METH-		-NAT FREQ-	----RRS REF----	
	DESCRIPTION	SPEC NO.	BLDG	ELEV	MTG	SEIS	HYDR	ANLYS	TEST	LOWEST	---	STATUS---
	MANUFACTURER										QUAL	INST

SYSTEM WCS REACTOR WATER CLEAN-UP

BOP EQUIPMENT  
HOSE

1HCS*HOSE220	FLEX METAL HOSE MTL BELLOWS	247.011	DW	102	LH	Y	Y	S	MF	10	36-68 B1	
1HCS*HOSE222	FLEX METAL HOSE MTL BELLOWS	247.011	DW	102	LH	Y	Y	S	MF	10	36-68 A	

MOV MOTOR OPERATED VALVE

1HCS*MOV111	VALVE M.O. 4"-600 LB VELAN	228.212	AB	114	LH	Y	Y	S	MF	52	NA A	Y
1HCS*MOV172	VALVE M.O. 2.5"-150 LB VELAN	228.212	AB	114	LH	Y	Y	S	MF		NA C	Y
1HCS*MOV173	VALVE M.O. 2.5"-150 LB VELAN	228.212	AB	114	LH	Y	Y	S	MF		NA C	Y
1HCS*MOV178	VALVE M.O. 2.5"-150 LB VELAN	228.212	CT	141	LH	Y	Y	S	MF		NA C	Y

RV

1HCS*RV144	RELIEF VALVES CROSBY	247.521	RB	141	LH	Y	Y	S	SO	333	NA A	
1HCS*RV154	RELIEF VALVES CROSBY	247.521	RB	147	LH	Y	Y	S	SO	157	NA A	Y

ENCLOSURE 3

B. NSSS SEISMIC CATEGORY I EQUIPMENT MASTER LIST

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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	-----EQUIPMENT-----		---LOCATION---			---LOADS---		-QUAL METH-	-NAT FREQ-	----RRS REF		
	DESCRIPTION	MANUFACTURER	PPD NO.	BLDG	ELEV	HTG	SEIS			HYDR	ANLYS	TEST
*****												
SYSTEM B21 NUCLEAR BOILER SYSTEM												
NSSS EQUIPMENT												
B21-D002	CONDENSING CHAMBER	GE	204B7269	DH	173	LH	Y	Y	S	N/A	N/A	B Y
B21-D004A	CONDENSING CHAMBER	GE	204B7269	DH	151	LH	Y	Y	S	N/A	N/A	B Y
B21-D004B	CONDENSING CHAMBER	GE	204B7269	DH	151	LH	Y	Y	S	N/A	N/A	B Y
B21-D004C	CONDENSING CHAMBER	GE	204B7269	DH	151	LH	Y	Y	S	N/A	N/A	B Y
B21-D004D	CONDENSING CHAMBER	GE	204B7269	DH	151	LH	Y	Y	S	N/A	N/A	B Y
B21-D006A	CONDENSING CHAMBER	GE	204B7269	DH	132	LH	Y	Y	S	N/A	N/A	B Y
B21-D006B	CONDENSING CHAMBER	GE	204B7269	DH	139	LH	Y	Y	S	N/A	N/A	B Y
B21-D006C	CONDENSING CHAMBER	GE	204B7269	DH	131	LH	Y	Y	S	N/A	N/A	B Y
B21-D006D	CONDENSING CHAMBER	GE	204B7269	DH	137	LH	Y	Y	S	N/A	N/A	B Y
B21-D007A	CONDENSING CHAMBER	GE	204B7269	DH	132	LH	Y	Y	S	N/A	N/A	B Y
B21-D007B	CONDENSING CHAMBER	GE	204B7269	DH	139	LH	Y	Y	S	N/A	N/A	B Y
B21-D007C	CONDENSING CHAMBER	GE	204B7269	DH	131	LH	Y	Y	S	N/A	N/A	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	LOWEST	STATUS	QUAL INST
*****												
SYSTEM B21 NUCLEAR BOILER SYSTEM												
NSSS EQUIPMENT												
B21-D007D	CONDENSING CHAMBER GE	204B7269	DH	136	LH	Y	Y	S	N/A		N/A B	Y
B21-D008A	CONDENSING CHAMBER GE	204B7269	DH	140	LH	Y	Y	S	N/A		N/A B	Y
B21-D008B	CONDENSING CHAMBER GE	204B7269	DH	132	LH	Y	Y	S	N/A		N/A B	Y
B21-D008C	CONDENSING CHAMBER GE	204B7269	DH	131	LH	Y	Y	S	N/A		N/A B	Y
B21-D008D	CONDENSING CHAMBER GE	204B7269	DH	131	LH	Y	Y	S	N/A		N/A B	Y
B21-D009A	CONDENSING CHAMBER GE	204B7269	DH	146	LH	Y	Y	S	N/A		N/A B	Y
B21-D009B	CONDENSING CHAMBER GE	204B7269	DH	132	LH	Y	Y	S	N/A		N/A B	Y
B21-D009C	CONDENSING CHAMBER GE	204B7269	DH	131	LH	Y	Y	S	N/A		N/A B	Y
B21-D009D	CONDENSING CHAMBER GE	204B7269	DH	131	LH	Y	Y	S	N/A		N/A B	Y
B21-D020A	CONDENSING CHAMBER GE	204B7269	DH	139	LH	Y	Y	S	N/A		N/A B	Y
B21-D020B	CONDENSING CHAMBER GE	204B7269	DH	134	LH	Y	Y	S	N/A		N/A B	Y
B21-D020C	CONDENSING CHAMBER GE	204B7269	DH	134	LH	Y	Y	S	N/A		N/A B	Y

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JOB NAME RBS - UNIT 2  
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-----		---LOCATION---			---LOADS---		-QUAL METH-	-NAT FREQ-	----RRS REF	
	DESCRIPTION	PPD NO.	BLOG	ELEV	MTG	SEIS	HYDR	ANLYS	TEST	LOWEST	---STATUS---

SYSTEM B21 NUCLEAR BOILER SYSTEM

NSSS EQUIPMENT

B21-D0200	CONDENSING CHAMBER GE	204B7269	DK	139	LH	Y	Y	S	N/A		N/A B	Y
B21-F022A	MSIV-ISOLATION VALVE ATHOOD & MORRILL		DH	129	LH	Y	Y	N/A	HF	19	A	Y
B21-F022B	MSIV-ISOLATION VALVE ATHOOD & MORRILL		DH	129	LH	Y	Y	N/A	HF	19	A	Y
B21-F022C	MSIV-ISOLATION VALVE ATHOOD & MORRILL		DH	129	LH	Y	Y	N/A	HF	19	A	Y
B21-F022D	MSIV-ISOLATION VALVE ATHOOD & MORRILL		DH	129	LH	Y	Y	N/A	HF	19	A	Y
B21-F028A	MSIV-ISOLATION VALVE ATHOOD & MORRILL		AB	129	LH	Y	Y	N/A	HF	19	A	Y
B21-F028B	MSIV-ISOLATION VALVE ATHOOD & MORRILL		AB	129	LH	Y	Y	N/A	HF	19	A	Y
B21-F028C	MSIV-ISOLATION VALVE ATHOOD & MORRILL		AB	129	LH	Y	Y	N/A	HF	19	A	Y
B21-F028D	MSIV-ISOLATION VALVE ATHOOD & MORRILL		AB	129	LH	Y	Y	N/A	HF	19	A	Y
B21-F041A	SRV CROSBY		DH	132	LH	Y	Y	N/A	HF		B1	
B21-F041B	SRV CROSBY		DH	132	LH	Y	Y	N/A	HF		B1	
B21-F041C	SRV CROSBY		DH	132	LH	Y	Y	N/A	HF		B1	

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

SYSTEM B21 NUCLEAR BOILER SYSTEM

NSSS EQUIPMENT

B21-F041D	SRV CROSBY		DH	132	LH	Y	Y	N/A	HF		B1
B21-F041F	SRV CROSBY		DH	132	LH	Y	Y	N/A	HF		B1
B21-F041G	SRV CROSBY		DH	132	LH	Y	Y	N/A	HF		B1
B21-F041L	SRV CROSBY		DH	132	LH	Y	Y	N/A	HF		B1
B21-F047A	SRV CROSBY		DH	132	LH	Y	Y	N/A	HF		B1
B21-F047B	SRV CROSBY		DH	132	LH	Y	Y	N/A	HF		B1
B21-F047C	SRV CROSBY		DH	132	LH	Y	Y	N/A	HF		B1
B21-F047D	SRV CROSBY		DH	132	LH	Y	Y	N/A	HF		B1
B21-F047F	SRV CROSBY		DH	132	LH	Y	Y	N/A	HF		B1
B21-F051B	SRV CROSBY		DH	132	LH	Y	Y	N/A	HF		B1
B21-F051C	SRV CROSBY		DH	132	LH	Y	Y	N/A	HF		B1
B21-F051D	SRV CROSBY		DH	132	LH	Y	Y	N/A	HF		B1

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JOB NAME RBS - UNIT 1  
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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	-----EQUIPMENT-----		---LOCATION---			---LOADS---		-QUAL METH-		-NAT FREQ-	----RRS REF	
	DESCRIPTION	MANUFACTURER	PPD NO.	BLDG	ELEV	MTG	SEIS	HYDR	ANLYS	TEST	LOWEST	---STATUS---

SYSTEM B21 NUCLEAR BOILER SYSTEM

NSSS EQUIPMENT

B21-F051G	SRV CROSBY			DH	132	LH	Y	Y	N/A	HF		B1	
B21-N005	FLOW ELEM COMP (QTY 4) GE	283X555		DH	129	LH	Y	Y	S/D	N/A		N/A A	Y
B21-N040	TEMPERATURE ELEMENT ROSEHOUNT	159C4520		AB	95	LH	Y	Y	S	N/A	>100	N/A A	Y
B21-N059	TEMPERATURE ELEMENT CALOY/PYCO	159C4313		AB	111	LH	Y	Y	S	N/A	>100	N/A A	Y
B21-N061	TEMPERATURE ELEMENT CALOY/PYCO	159C4313		RB		LH	Y	Y	S	N/A	>100	N/A A	Y
B21-N075A	TRANSMITTER, ABS PRESSURE ROSEHOUNT	169C8969		TB	95	DH	Y		N/A	N/A	HF	22 A	Y
B21-N075B	TRANSMITTER, ABS PRESSURE ROSEHOUNT	169C8969		TB	95	DH	Y		N/A	N/A	HF	22 A	Y
B21-N075C	TRANSMITTER, ABS PRESSURE ROSEHOUNT	169C8969		TB	95	DH	Y		N/A	N/A	HF	22 A	Y
B21-N075D	TRANSMITTER, ABS PRESSURE ROSEHOUNT	169C8969		TB	95	DH	Y		N/A	N/A	HF	22 A	Y
B21-N076A	TRANSMITTER, GAGE PRESS ROSEHOUNT	169C8969		TB	95	DH	Y		N/A	N/A	HF	22 A	Y
B21-N076B	TRANSMITTER, GAGE PRESS ROSEHOUNT	169C8969		TB	95	DH	Y		N/A	N/A	HF	22 A	Y
B21-N076C	TRANSMITTER, GAGE PRESS ROSEHOUNT	169C8969		TB	95	DH	Y		N/A	N/A	HF	22 A	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	-----EQUIPMENT-----		---LOCATION---		---LOADS---		-QUAL METH-		-NAT FREQ-	----RRS REF	
	DESCRIPTION	PPD NO.	BLDG	ELEV MTG	SEIS	HYDR	ANLYS	TEST	LOWEST	---STATUS---	
*****											
SYSTEM B21 NUCLEAR BOILER SYSTEM											
NSSS EQUIPMENT											
B21-N076D	TRANSMITTER, GAGE PRESS ROSEMOUNT	169C8969	TB	95	DW	Y	N/A	N/A	HF	22	A 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	-----EQUIPMENT-----		---LOCATION---			---LOADS---		-QUAL METH-		-NAT FREQ-	----RRS REF	
	DESCRIPTION MANUFACTURER	PPD NO.	BLDG	ELEV	MTG	SEIS	HYDR	ANLYS	TEST	LOWEST	---	STATUS---
*****												
SYSTEM B33 REACTOR RECIRC VALVE FLOW CONTROL												
NSSS EQUIPMENT												
B33-C001A	PUMP & MOTOR BINGHAM	762E637	DH	86	CF	Y	Y	S/D	N/A		57	A Y
B33-C001B	PUMP & MOTOR BINGHAM	762E637	DH	86	CF	Y	Y	S/D	N/A		57	A Y
B33-D014	SAMPLE PROBE PULLMAN	1667284	DH	102	LH	Y	Y	S	N/A		N/A	A Y
B33-F023A	GATE VALVE-MOTOR OPERATED ANCHOR DARLING	922D142	DH	86	LH	Y	Y	S/D	N/A	34	N/A	A Y
B33-F023B	GATE VALVE-MOTOR OPERATED ANCHOR DARLING	922D142	DH	86	LH	Y	Y	S/D	N/A	34	N/A	A Y
B33-F060A	FLOW CONTROL VALVE HAHREL DAHL	768E574	DH	86	LH	Y	Y	S/D	N/A		N/A	A Y
B33-F060B	FLOW CONTROL VALVE HAHREL DAHL	768E574	DH	86	LH	Y	Y	S/D	N/A		N/A	A Y
B33-F067	GATE VALVE-MOTOR OPERATED ANCHOR DARLING	922D192	DH	86	LH	Y	Y	S/D	N/A	15	N/A	A Y
B33-N021	TEMPERATURE ELEMENT CALOY/PYCO	159C4313	DH	87	LH	Y	Y	S	N/A	>100	N/A	A Y
B33-N022	TEMPERATURE ELEMENT CALOY/PYCO	159C4313	RB		LH	Y	Y	S	N/A		N/A	A
B33-N023A	TEMPERATURE ELEMENT ROSEHOUNT	159C4520	DH		LH	Y	Y	S	N/A		N/A	A
B33-N023B	TEMPERATURE ELEMENT ROSEHOUNT	159C4520	DH		LH	Y	Y	S	N/A		N/A	A

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

\*\*\*\*\*  
SYSTEM B33 REACTOR RECIRC VALVE FLOW CONTROL

NSSS EQUIPMENT

B33-N028A	TEMPERATURE ELEMENT ROSEMOUNT	159C4520	DH	LH	Y	Y	S	N/A	N/A	A
B33-N028B	TEMPERATURE ELEMENT ROSEMOUNT	159C4520	DH	LH	Y	Y	S	N/A	N/A	A

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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	-----EQUIPMENT-----		---LOCATION---		---LOADS---		-QUAL METH-		-NAT FREQ-	----RRS REF	
	DESCRIPTION	PPD NO.	BLDG	ELEV MTG	SEIS	HYDR	ANLYS	TEST	LOWEST	---STATUS---	QUAL INST
	MANUFACTURER										
*****											
SYSTEM C11 CONTROL ROD DRIVE HYDRAULIC CONTROL SYSTEM											
NSSS EQUIPMENT											
C11-D001	HYD CONT UNIT (QTY. 145) GE	767E800	CT	114 CF	Y	Y	D	N/A		A	Y
C11-F009	SOL VALVE FOR INSTR AIR VALCOR		CT	118 RM	Y	Y	N/A	HF	>100	SEE 301 A	Y
C11-F010	VALVE, GLOBE, AIR OPERATED FISHER		CT	142 LH	Y	Y	N/A	HF	10.6	N/A A	Y
C11-F011	VALVE, GLOBE, AIR OPERATED FISHER		CT	115 LH	Y	Y	N/A	HF	18.5	N/A A	Y
C11-F180	VALVE, GLOBE, AIR OPERATED HAMMEL DAHL		CT	142 DH	Y	Y	N/A	HF	20	SEE 302 A	Y
C11-F181	VALVE, GLOBE, AIR OPERATED HAMMEL DAHL		CT	115 LH	Y	Y	N/A	HF	32	N/A A	Y
C11-F182	SOL VALVE FOR INSTR AIR VALCOR		CT	118 LH	Y	Y	N/A	HF	>100	N/A A	Y
C11-N012A	TRANSMITTER GOULD	184C4775	CT	122 RM	Y	Y	N/A	HF	44	SEE 301 A	Y
C11-N012B	TRANSMITTER GOULD	184C4775	CT	122 RM	Y	Y	N/A	HF	44	SEE 301 A	Y
C11-N012C	TRANSMITTER GOULD	184C4775	CT	114 RM	Y	Y	N/A	HF	44	46,113,146 A	Y
C11-N012D	TRANSMITTER GOULD	184C4775	CT	114 RM	Y	Y	N/A	HF	44	46,113,146 A	Y
C11-N013A	LEVEL SWITCH MAGNETROL	184C4776	CT	114 HM	Y	Y	N/A	HF		46,113,146 A	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. 50-458

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

SYSTEM C11 CONTROL ROD DRIVE HYDRAULIC CONTROL SYSTEM

NSSS EQUIPMENT

C11-N013B	LEVEL SWITCH MAGNETROL	184C4776	CT	114	HM	Y	Y	N/A	HF		46,113,146 A Y
C11-N013C	LEVEL SWITCH MAGNETROL	184C4776	CT	117	HM	Y	Y	N/A	HF		SEE 301 A Y
C11-N013D	LEVEL SWITCH MAGNETROL	184C4776	CT	117	HM	Y	Y	N/A	HF		SEE 301 A Y
C11-N017A	TRANSMITTER, LEVEL GOULD	184C4775	CT	118	RH	Y	Y	N/A	HF	44	SEE 301 A Y
C11-N017B	TRANSMITTER, LEVEL GOULD	184C4775	CT	114	RH	Y	Y	N/A	HF	44	46,113,146 A Y
C11-N054A	TRANSMITTER, GAGE PRESS ROSEMOUNT	169C8394	TB	95	RH	Y	N/A	N/A	HF		22 A Y
C11-N054B	TRANSMITTER, GAGE PRESS ROSEMOUNT	169C8394	TB	95	RH	Y	N/A	N/A	HF		22 A Y
C11-N054C	TRANSMITTER, GAGE PRESS ROSEMOUNT	169C8394	TB	95	RH	Y	N/A	N/A	HF		22 A Y
C11-N054D	TRANSMITTER, GAGE PRESS ROSEMOUNT	169C8394	TB	95	RH	Y	N/A	N/A	HF		22 A 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	-----EQUIPMENT-----		---LOCATION---		---LOADS---		QUAL METH-	NAT FREQ-	---RRS REF		
	DESCRIPTION	PPD NO.	BLOG	ELEV MTG	SEIS	HYDR	ANLYS TEST	LOWEST	---STATUS---		
	MANUFACTURER								QUAL	INST	
*****											
SYSTEM C41 STANDBY LIQUID CONTROL SYSTEM											
NSSS EQUIPMENT											
C41-A001	STORAGE TANK RICHLAND ENG		CT	141	CF	Y	Y	S	N/A	58.8	SEE 302 A Y
C41-C001A	PHP & MOTOR STBY LIQ CONT UNION		CT	141	CF	Y	Y	N/A	HF		SEE 302 A Y
C41-C001B	PHP & MOTOR STBY LIQ CONT UNION		CT	141	CF	Y	Y	N/A	HF		SEE 302 A Y
C41-F004A	STDBY LIQ CONT VALVE CONAX		RB	142	LM	Y	Y	N/A	SF	>100	N/A A Y
C41-F004B	STDBY LIQ CONT VALVE CONAX		RB	142	LM	Y	Y	N/A	SF	>100	N/A A Y
C41-N003	TEMPERATURE SWITCH WEED	157C4629	CT	145	EM	Y	Y	S	N/A	>100	SEE 302 A
C41-N004	TRANSMITTER, GAGE PRESS ROSEMOUNT	169C8394	CT	145	RM	Y	Y	N/A	HF		SEE 302 A Y
C41-N006	TEMPERATURE CONTROL	152B7072	CT	141	EM	Y	Y	S	N/A		SEE 302 A
C41-R003	INDICATOR, PRESSURE ROBERTSHAW	163C1164	CT	145	HM	Y	Y	N/A	SF	>100	SEE 302 A 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	-----EQUIPMENT-----		---LOCATION---		---LOADS---		-QUAL METH-		-NAT FREQ-	----RRS REF	
	DESCRIPTION	PPD NO.	BLDG	ELEV MTG	SEIS	HYDR	ANLVS	TEST	LOWEST	---STATUS---	
	MANUFACTURER									QUAL	INST

\*\*\*\*\*  
SYSTEM C61 REMOTE SHUTDOWN SYSTEM

NSSS EQUIPMENT

C61-P001	ASSY REMOTE SHUTDOWN VB GE	994E113	CB	98	CF	Y	N/A	N/A	MF	22	7 A	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	-----EQUIPMENT-----		---LOCATION---			---LOADS---		-QUAL METH-		-NAT FREQ-	---RRS REF	
	DESCRIPTION MANUFACTURER	PPD NO.	BLOG	ELEV	MTG	SEIS	HYDR	ANLYS	TEST	LOWEST	---STATUS---	QUAL INST
*****												
SYSTEM C71 REACTOR PROTECTION SYSTEM												
NSSS EQUIPMENT												
C71-N005A	SWITCH, PRESSURE BARKSDALE	1B4C4770	TB	95	DW	Y	N/A	N/A	MF	13	22 A	Y
C71-N005B	SWITCH, PRESSURE BARKSDALE	1B4C4770	TB	95	DW	Y	N/A	N/A	HF	13	22 A	Y
C71-N005C	SWITCH, PRESSURE BARKSDALE	1B4C4770	TB	95	DW	Y	N/A	N/A	HF	13	22 A	Y
C71-N005D	SWITCH, PRESSURE BARKSDALE	1B4C4770	TB	95	DW	Y	N/A	N/A	HF	13	22 A	Y
C71-N006A	LIMIT SWITCH NAHCO	163C1303	TB	95	EH	Y	N/A	N/A	SF		22 A	Y
C71-N006B	LIMIT SWITCH NAHCO	163C1303	TB	95	EH	Y	N/A	N/A	SF		22 A	Y
C71-N006C	LIMIT SWITCH NAHCO	163C1303	TB	95	EH	Y	N/A	N/A	SF		22 A	Y
C71-N006D	LIMIT SWITCH NAHCO	163C1303	TB	95	EH	Y	N/A	N/A	SF		22 A	Y
C71-N006E	LIMIT SWITCH NAHCO	163C1303	TB	95	EH	Y	N/A	N/A	SF		22 A	Y
C71-N006F	LIMIT SWITCH NAHCO	163C1303	TB	95	EH	Y	N/A	N/A	SF		22 A	Y
C71-N006G	LIMIT SWITCH NAHCO	163C1303	TB	95	EH	Y	N/A	N/A	SF		22 A	Y
C71-N006H	LIMIT SWITCH NAHCO	163C1303	TB	95	EH	Y	N/A	N/A	SF		22 A	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	-----EQUIPMENT-----		---LOCATION---		---LOADS---		-QUAL METH-		-NAT FREQ-	---RRS REF	
	DESCRIPTION	PPD NO.	BLDG	ELEV MTG	SEIS	HYDR	ANLYS	TEST	LOWEST	---STATUS---	
*****											
SYSTEM C71 REACTOR PROTECTION SYSTEM											
NSSS EQUIPMENT											
C71-N052A	TRANSHITTER, GAGE PRESS ROSEHOUNT	169C8394	TB	95	DW	Y	N/A	N/A	MF	22	A Y
C71-N052B	TRANSHITTER, GAGE PRESS ROSEHOUNT	169C8394	TB	95	DW	Y	N/A	N/A	MF	22	A Y
C71-N052C	TRANSHITTER, GAGE PRESS ROSEHOUNT	169C8394	TB	95	DW	Y	N/A	N/A	MF	22	A Y
C71-N052D	TRANSHITTER, GAGE PRESS ROSEHOUNT	169C8394	TB	95	DW	Y	N/A	N/A	MF	22	A Y
C71-S003	ELECTRICAL PROTECTION ASS'Y GE (QTY 8)	914E175	CB	116	DW	Y	N/A	N/A	MF	54.5	8 A

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

\*\*\*\*\*

SYSTEM D17 PROCESS RADIATION MONITORING SYSTEM

NSSS EQUIPMENT

D17-N003A	DETECTOR, INSULATED GE	237X731	AB	141	DM	Y	N/A	N/A	HF	4 A
D17-N003B	DETECTOR, INSULATED GE	237X731	AB	141	DM	Y	N/A	N/A	HF	4 A
D17-N003C	DETECTOR, INSULATED GE	237X731	AB	141	DM	Y	N/A	N/A	HF	4 A
D17-N003D	DETECTOR, INSULATED GE	237X731	AB	141	DM	Y	N/A	N/A	HF	4 A

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

SYSTEM E12 RESIDUAL HEAT REMOVAL

NSSS EQUIPMENT

E12-D001A	HEAT EXCHANGER EPCO		AB	100	CF	Y	N/A	N/A			2,3 B1	Y
E12-B001B	HEAT EXCHANGER EPCO		AB	100	CF	Y	N/A	N/A			2,3 B1	Y
E12-B001C	HEAT EXCHANGER EPCO		AB	100	CF	Y	N/A	N/A			2,3 B1	Y
E12-B001D	HEAT EXCHANGER EPCO		AB	100	CF	Y	N/A	N/A			2,3 B1	Y
E12-C002A	RHR, PUMP & MOTOR BRYON & JACKSON		AB	70	CF	Y	N/A	S/D	N/A	16	1 A	Y
E12-C002B	RHR, PUMP & MOTOR BRYON & JACKSON		AB	70	CF	Y	N/A	S/D	N/A	16	1 A	Y
E12-C002C	RHR, PUMP & MOTOR BRYON & JACKSON		AB	70	CF	Y	N/A	S/D	N/A	16	1 A	Y
E12-N001A	CONDUCTIVITY CELL BALSBAUGH	163C1544	AB	70	LH	Y	N/A	S	N/A	>100	N/A A	Y
E12-N001B	CONDUCTIVITY CELL BALSBAUGH	163C1544	AB	70	LH	Y	N/A	S	N/A	>100	N/A A	
E12-N002A	TEMPERATURE ELEMENT CALOY/PYCO	159C4313	AB	95	LH	Y	Y	S	N/A	>100	N/A A	Y
E12-N002B	TEMPERATURE ELEMENT CALOY/PYCO	159C4313	AB	95	LH	Y	Y	S	N/A	>100	N/A A	Y
E12-N003A	TEMPERATURE ELEMENT CALOY/PYCO	159C4313	AB	70	LH	Y	Y	S	N/A	>100	N/A A	Y



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

ENGINEER: STONE & WEBSTER  
NSJS 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 E12 RESIDUAL HEAT REMOVAL												
NSSS EQUIPMENT												
E12-N003B	TEMPERATURE ELEMENT CALOY/PYCO	159C4313	AB	70	LH	Y	Y	S	N/A	>100	N/A A	Y
E12-N004A	TEMPERATURE ELEMENT CALOY/PYCO	159C4313	AB	95	LH	Y	Y	S	N/A	>100	N/A A	Y
E12-N004B	TEMPERATURE ELEMENT CALOY/PYCO	159C4313	AB	95	LH	Y	Y	S	N/A	>100	N/A A	Y
E12-N005A	TEMPERATURE ELEMENT CALOY/PYCO	159C4313	AB	70	LH	Y	Y	S	N/A	>100	N/A A	Y
E12-N005B	TEMPERATURE ELEMENT CALOY/PYCO	159C4313	AB	70	LH	Y	Y	S	N/A	>100	N/A A	Y
E12-N006A	LEVEL XMTR BARTON	145C3156	AB	100	DW	Y	N/A	D	N/A	>100	2,3 A	Y
E12-N006B	LEVEL XMTR BARTON	145C3156	AB	100	DW	Y	N/A	D	N/A	>100	2,3 A	Y
E12-N012	FLOW ORIFICE ASSY, ECCS VICKERY SIMS		AB	100	LH	Y	N/A	S	N/A		N/A A	Y
E12-N013	TRANSMITTER, DIFF PRESS ROSEMOUNT	169C8392	AB	95	DM	Y	N/A	N/A	HF		2 A	Y
E12-N014A	FLOW ORIFICE ASSY, ECCS VICKERY SIMS		AB	100	LH	Y	N/A	S	N/A		N/A A	Y
E12-N014B	FLOW ORIFICE ASSY, ECCS VICKERY SIMS		AB	100	LH	Y	N/A	S	N/A		N/A A	Y
E12-N014C	FLOW ORIFICE ASSY, ECCS VICKERY SIMS		AB	100	LH	Y	N/A	S	N/A		N/A A	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	-----EQUIPMENT-----		---LOCATION---			---LOADS---		-QUAL METH-		-NAT FREQ-	---RRS REF	
	DESCRIPTION	PPD NO.	BLDG	ELEV	MTG	SEIS	HYDR	ANLYS	TEST	LOWEST	---STATUS---	
	MANUFACTURER										QUAL	INST

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SYSTEM E12 RESIDUAL HEAT REMOVAL

NSSS EQUIPMENT

E12-N024	TEMPERATURE ELEMENT CALOY/PYCO	159C4313	AB	70	LM	Y	Y	S	N/A	>100	N/A A	Y
E12-N025	CONDUCTIVITY CELL BALSBAUGH	163C1544	AB	70	LM	Y	N/A	S	N/A	>100	N/A A	Y
E12-N027A	TEMPERATURE ELEMENT CALOY/PYCO	159C4313	AB	70	LM	Y	Y	S	N/A	>100	N/A A	Y
E12-N027B	TEMPERATURE ELEMENT CALOY/PYCO	159C4313	AB	70	LM	Y	Y	S	N/A	>100	N/A A	Y
E12-N057	TRANSMITTER, GAGE PRESS ROSEMOUNT	169C0394	AB	100	RH	Y	N/A	N/A	HF		2,3 A	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	-----EQUIPMENT-----		---LOCATION---		---LOADS---		-QUAL METH-		-NAT FREQ-	---RRS REF	
	DESCRIPTION	PPD NO.	BLDG	ELEV HTG	SEIS	HYDR	ANLYS	TEST	LOWEST	---STATUS---	
	MANUFACTURER									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	17	1	A	Y
E21-N002	FLOW ORIFICE ASSY, LPCS		AB	98	LH	Y	N/A	S	N/A		N/A	A	Y

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JOB NAME RBS - UNIT 1  
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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	-----EQUIPMENT-----		---LOCATION---		---LOADS---		-QUAL METH-		-NAT FREQ-	----RRS REF	
	DESCRIPTION	PPD NO.	BLDG	ELEV MTG	SEIS	HYDR	ANLYS	TEST	LOWEST	---STATUS---	QUAL INST
*****											
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	17	1 A Y
E22-F001	VALVE, MOTOR OPERATED ANCHOR DARLING		AB	70	LH	Y	N/A	N/A	HF		N/A A Y
E22-F004	VALVE, MOTOR OPERATED ANCHOR DARLING		AB	114	LH	Y	N/A	N/A	HF		N/A A Y
E22-F010	VALVE, MOTOR OPERATED ANCHOR DARLING		AB	70	LH	Y	N/A	N/A	HF		N/A A Y
E22-F011	VALVE, MOTOR OPERATED ANCHOR DARLING		AB	70	LH	Y	N/A	N/A	HF		N/A A Y
E22-F012	VALVE, MOTOR OPERATED ANCHOR DARLING		AB	70	LH	Y	N/A	N/A	HF		N/A A Y
E22-F015	VALVE, MOTOR OPERATED ANCHOR DARLING		AB	70	LH	Y	N/A	N/A	HF		N/A A Y
E22-F023	VALVE, MOTOR OPERATED ANCHOR DARLING		AB	70	LH	Y	N/A	N/A	HF		N/A A Y
E22-N007	FLOW ORIFICE ASSY, HPCS VICKERY SIMS		AB	100	LH	Y	N/A	S	N/A		N/A A Y
E22-N054C	TRANSMITTER, DIFF PRESS ROSEMOUNT	169C8392	PT	70	DW	Y	N/A	N/A	HF		25 A Y
E22-N054G	TRANSMITTER, DIFF PRESS ROSEMOUNT	169C8392	PT	70	DW	Y	N/A	N/A	HF		25 A Y
E22-N055C	TRANSMITTER, LEVEL GOULD	184C4775	CT	123	DW	Y	Y	N/A	HF	44	SEE 301 A 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	-----EQUIPMENT-----	PPD NO.	---LOCATION---		---LOADS---		-QUAL METH-		-NAT FREQ-	----RRS REF	
	DESCRIPTION MANUFACTURER		BLDG	ELEV	MTS	SEIS	HYDR	ANLYS	TEST	LOWEST	---STATUS---

SYSTEM E22 CORE SPRAY - HIGH PRESSURE

NSSS EQUIPMENT

E22-N055G	TRANSMITTER, LEVEL GOULD	184C4775	CT	123	DW	Y	Y	N/A	MF	44	SEE 301 A Y
E22-R003	INDICATOR, PRESSURE ROBERTSHAW	183C1184	DG	103	HM	Y	N/A	N/A	SF	>100	12,13 A Y
E22-S001	HPCS DIESEL & GENERATOR STEWART & STEVENSON		DG	98	CF	Y	N/A	S/D	MF		12 B1 Y
E22-S002	HPCS NOT CONT CTR POWELL/GE		CB	116	CF	Y	N/A	N/A	MF		8 A
E22-S003	ELEC TRANSFORMER, HPCS ELNA		CB	116	CF	Y	N/A	N/A	MF		8 A
E22-S004	SHGR, ELEC METAL ENCL GE		CB	116	CF	Y	N/A	N/A	MF		8 A



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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. 50-456

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
	MANUFACTURER											

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SYSTEM E31 LEAK DETECTION SYSTEM

NSSS EQUIPMENT

E31-N001A	TEMPERATURE ELEMENT PYCO	145C3224	AB	70	DW	Y	N/A	N/A	SF	>100	1 A	Y
E31-N001B	TEMPERATURE ELEMENT PYCO	145C3224	AB	70	DW	Y	N/A	N/A	SF	>100	1 A	Y
E31-N002A	TEMPERATURE ELEMENT PYCO	145C3224	AB	70	HM	Y	N/A	N/A	SF	>100	1 A	Y
E31-N002B	TEMPERATURE ELEMENT PYCO	145C3224	AB	70	HM	Y	N/A	N/A	SF	>100	1 A	
E31-N003A	TEMPERATURE ELEMENT PYCO	145C3224	AB	70	HM	Y	N/A	N/A	SF	>100	1 A	Y
E31-N003B	TEMPERATURE ELEMENT PYCO	145C3224	AB	70	HM	Y	N/A	N/A	SF	>100	1 A	Y
E31-N004A	TEMPERATURE ELEMENT PYCO	145C3224	AB	70	DW	Y	N/A	N/A	SF	>100	1 A	
E31-N004B	TEMPERATURE ELEMENT PYCO	145C3224	AB	70	DW	Y	N/A	N/A	SF	>100	1 A	
E31-N005A	TEMPERATURE ELEMENT PYCO	145C3224	AB	70	HM	Y	N/A	N/A	SF	>100	1 A	Y
E31-N005B	TEMPERATURE ELEMENT PYCO	145C3224	AB	70	HM	Y	N/A	N/A	SF	>100	1 A	Y
E31-N006A	TEMPERATURE ELEMENT PYCO	145C3224	AB	70	HM	Y	N/A	N/A	SF	>100	1 A	Y
E31-N006B	TEMPERATURE ELEMENT PYCO	145C3224	AB	70	HM	Y	N/A	N/A	SF	>100	1 A	

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

SYSTEM E31 LEAK DETECTION SYSTEM

NSSS EQUIPMENT

E31-N015A	TEMPERATURE ELEMENT PYCO	145C3224	DW	133	DW	Y	Y	N/A	SF	>100	59,126,159 A Y
E31-N015B	TEMPERATURE ELEMENT PYCO	145C3224	DW	133	DW	Y	Y	N/A	SF	>100	59,126,159 A Y
E31-N015C	TEMPERATURE ELEMENT PYCO	145C3224	DW	133	DW	Y	Y	N/A	SF	>100	59,126,159 A Y
E31-N015D	TEMPERATURE ELEMENT PYCO	145C3224	DW	133	DW	Y	Y	N/A	SF	>100	59,126,159 A Y
E31-N017A	TEMPERATURE ELEMENT PYCO	145C3224	DW	100	DW	Y	Y	N/A	SF	>100	SEE 305 A
E31-N017B	TEMPERATURE ELEMENT PYCO	145C3224	DW	152	DW	Y	Y	N/A	SF	>100	SEE 306 A
E31-N017C	TEMPERATURE ELEMENT PYCO	145C3224	DW	125	DW	Y	Y	N/A	SF	>100	SEE 307 A
E31-N017D	TEMPERATURE ELEMENT PYCO	145C3224	DW	144	DW	Y	Y	N/A	SF	>100	60,127,160 A
E31-N018A	TEMPERATURE ELEMENT PYCO	145C3224	AB	90	DW	Y	N/A	N/A	SF	>100	1,2 A
E31-N018B	TEMPERATURE ELEMENT PYCO	145C3224	AB	90	DW	Y	N/A	N/A	SF	>100	1,2 A
E31-N027A	TEMPERATURE ELEMENT PYCO	146C3224	AB	107	HM	Y	N/A	N/A	SF	>100	3 A Y
E31-N027B	TEMPERATURE ELEMENT PYCO	145C3224	AB	107	HM	Y	N/A	N/A	SF	>100	3 A 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. 50-458

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

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SYSTEM E31 LEAK DETECTION SYSTEM

NSSS EQUIPMENT

E31-N028A	TEMPERATURE ELEMENT PYCO	145C3224	AB	110	HM	Y	N/A	N/A	SF	>100	3 A	Y
E31-N028B	TEMPERATURE ELEMENT PYCO	145C3224	AB	110	HM	Y	N/A	N/A	SF	>100	3 A	Y
E31-N029A	TEMPERATURE ELEMENT PYCO	145C3224	CT	130	HM	Y	Y	N/A	SF	>100	SEE 302 A	Y
E31-N029B	TEMPERATURE ELEMENT PYCO	145C3224	CT	130	HM	Y	Y	N/A	SF	>100	SEE 302 A	Y
E31-N029C	TEMPERATURE ELEMENT PYCO	145C3224	CT	130	HM	Y	Y	N/A	SF	>100	SEE 302 A	Y
E31-N029D	TEMPERATURE ELEMENT PYCO	145C3224	CT	130	HM	Y	Y	N/A	SF	>100	SEE 302 A	Y
E31-N030A	TEMPERATURE ELEMENT PYCO	145C3224	CT	130	HM	Y	Y	N/A	SF	>100	SEE 302 A	Y
E31-N030B	TEMPERATURE ELEMENT PYCO	145C3224	CT	130	HM	Y	Y	N/A	SF	>100	SEE 302 A	Y
E31-N030C	TEMPERATURE ELEMENT PYCO	145C3224	CT	130	HM	Y	Y	N/A	SF	>100	SEE 302 A	Y
E31-N030D	TEMPERATURE ELEMENT PYCO	145C3224	CT	130	HM	Y	Y	N/A	SF	>100	SEE 302 A	Y
E31-N031A	TEMPERATURE ELEMENT PYCO	145C3224	AB	114	DW	Y	N/A	N/A	SF	>100	3 A	Y
E31-N031B	TEMPERATURE ELEMENT PYCO	145C3224	AB	114	DW	Y	N/A	N/A	SF	>100	3 A	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. 50-456

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

SYSTEM E31 LEAK DETECTION SYSTEM

NSSS EQUIPMENT

E31-N031C	TEMPERATURE ELEMENT PYCO	145C3224	AB	114	DM	Y	N/A	N/A	SF	>100	3	A	Y
E31-N031D	TEMPERATURE ELEMENT PYCO	145C3224	AB	114	DM	Y	N/A	N/A	SF	>100	3	A	Y
E31-N034A	TEMPERATURE ELEMENT PYCO	145C3224	CT	166	DM	Y	Y	N/A	SF	>100	SEE 303	A	
E31-N034B	TEMPERATURE ELEMENT PYCO	145C3224	CT	166	DM	Y	Y	N/A	SF	>100	SEE 303	A	
E31-N035A	TEMPERATURE ELEMENT PYCO	145C3224	CT	164	HM	Y	Y	N/A	SF	>100	SEE 303	A	
E31-N035B	TEMPERATURE ELEMENT PYCO	145C3224	CT	164	HM	Y	Y	N/A	SF	>100	SEE 303	A	
E31-N036A	TEMPERATURE ELEMENT PYCO	145C3224	CT	154	DM	Y	Y	N/A	SF	>100	SEE 302	A	
E31-N036B	TEMPERATURE ELEMENT PYCO	145C3224	CT	154	DM	Y	Y	N/A	SF	>100	SEE 302	A	
E31-N037A	TEMPERATURE ELEMENT PYCO	145C3224	AB	102	DH	Y	N/A	N/A	SF	>100	2,3	A	
E31-N037B	TEMPERATURE ELEMENT PYCO	145C3224	AB	102	DH	Y	N/A	N/A	SF	>100	2,3	A	
E31-N038A	TEMPERATURE ELEMENT PYCO	145C3224	AB	95	HM	Y	N/A	N/A	SF	>100	2	A	Y
E31-N038B	TEMPERATURE ELEMENT PYCO	145C3224	AB	95	HM	Y	N/A	N/A	SF	>100	2	A	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. 50-458

EQUIP. ID	DESCRIPTION MANUFACTURER	PPD NO.	---LOCATION---		---LOADS---		-QUAL METH-		-NAT FREQ-	---RRS REF		
			BLDG	ELEV MTG	SEIS	HYDR	ANLYS	TEST	LOWEST	---STATUS---	QUAL	INST
*****												
SYSTEM E31 LEAK DETECTION SYSTEM												
NSSS EQUIPMENT												
E31-N039A	TEMPERATURE ELEMENT PYCO	145C3224	AB	95	HM	Y	N/A	N/A	SF	>100	2 A	Y
E31-N039B	TEMPERATURE ELEMENT PYCO	145C3224	AB	95	HM	Y	N/A	N/A	SF	>100	2 A	Y
E31-N040A	TEMPERATURE ELEMENT PYCO	145C3224	AB	102	DW	Y	N/A	N/A	SF	>100	2,3 A	
E31-N040B	TEMPERATURE ELEMENT PYCO	145C3224	AB	102	DW	Y	N/A	N/A	SF	>100	2,3 A	
E31-N041A	TEMPERATURE ELEMENT PYCO	145C3224	AB	95	HM	Y	N/A	N/A	SF	>100	2 A	Y
E31-N041B	TEMPERATURE ELEMENT PYCO	145C3224	AB	95	HM	Y	N/A	N/A	SF	>100	2 A	Y
E31-N042A	TEMPERATURE ELEMENT PYCO	145C3224	AB	95	HM	Y	N/A	N/A	SF	>100	2 A	Y
E31-N042B	TEMPERATURE ELEMENT PYCO	145C3224	AB	95	HM	Y	N/A	N/A	SF	>100	2 A	
E31-N043A	TEMPERATURE ELEMENT PYCO	145C3224	CT	170	DW	Y	Y	N/A	SF	>100	SEE 303 A	
E31-N043B	TEMPERATURE ELEMENT PYCO	145C3224	CT	170	DW	Y	Y	N/A	SF	>100	SEE 303 A	
E31-N044A	TEMPERATURE ELEMENT PYCO	145C3224	CT	175	HM	Y	Y	N/A	SF	>100	SEE 303 A	
E31-N044B	TEMPERATURE ELEMENT PYCO	145C3224	CT	175	HM	Y	Y	N/A	SF	>100	SEE 303 A	



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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	-----EQUIPMENT-----		---LOCATION---			---LOADS---		-QUAL METH-		-NAT FREQ-	----RRS REF	
	DESCRIPTION	PPD NO.	BLDG	ELEV	MTG	SEIS	HYDR	ANLYS	TEST	LOWEST	---STATUS---	QUAL INST
*****												
SYSTEM E31 LEAK DETECTION SYSTEM												
NSSS EQUIPMENT												
E31-N045A	TEMPERATURE ELEMENT PYCO	145C3224	CT	174	DW	Y	Y	N/A	SF	>100	SEE 303 A	
E31-N045B	TEMPERATURE ELEMENT PYCO	145C3224	CT	174	DW	Y	Y	N/A	SF	>100	SEE 303 A	
E31-N046A	TEMPERATURE ELEMENT PYCO	145C3224	CT	176	DW	Y	Y	N/A	SF	>100	SEE 303 A	
E31-N046B	TEMPERATURE ELEMENT PYCO	145C3224	CT	176	DW	Y	Y	N/A	SF	>100	SEE 303 A	
E31-N047A	TEMPERATURE ELEMENT PYCO	145C3224	CT	175	HM	Y	Y	N/A	SF	>100	SEE 303 A	
E31-N047B	TEMPERATURE ELEMENT PYCO	145C3224	CT	175	HM	Y	Y	N/A	SF	>100	SEE 303 A	
E31-N048A	TEMPERATURE ELEMENT PYCO	145C3224	CT	180	DW	Y	Y	N/A	SF	>100	SEE 303 A	
E31-N048B	TEMPERATURE ELEMENT PYCO	145C3224	CT	180	DW	Y	Y	N/A	SF	>100	SEE 303 A	
E31-N049A	TEMPERATURE ELEMENT PYCO	145C3224	CT	173	DW	Y	Y	N/A	SF	>100	SEE 303 A	
E31-N049B	TEMPERATURE ELEMENT PYCO	145C3224	CT	173	DW	Y	Y	N/A	SF	>100	SEE 303 A	
E31-N050A	TEMPERATURE ELEMENT PYCO	145C3224	CT	175	HM	Y	Y	N/A	SF	>100	SEE 303 A	
E31-N050B	TEMPERATURE ELEMENT PYCO	145C3224	CT	175	HM	Y	Y	N/A	SF	>100	SEE 303 A	

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SEISHIC 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-----		---LOCATION---		---LOADS---		-QUAL METH-		-NAT FREQ-	----	RRS REF
	DESCRIPTION	PPD NO.	BLDG	ELEV MTG	SEIS	HYDR	ANLYS	TEST	LOWEST	----	STATUS---
	MANUFACTURER										QUAL INST
*****											
SYSTEM E31 LEAK DETECTION SYSTEM											
NSSS EQUIPMENT											
E31-N051A	TEMPERATURE ELEMENT PYCO	145C3224	CT	180 DW	Y	Y	N/A	SF	>100		SEE 303 A
E31-N051B	TEMPERATURE ELEMENT PYCO	145C3224	CT	180 DW	Y	Y	N/A	SF	>100		SEE 303 A
E31-N055A	TEMPERATURE ELEMENT PYCO	145C3224	CT	156 DW	Y	Y	N/A	SF	>100		SEE 302 A
E31-N055B	TEMPERATURE ELEMENT PYCO	145C3224	CT	156 DW	Y	Y	N/A	SF	>100		SEE 302 A
E31-N056A	TEMPERATURE ELEMENT PYCO	145C3224	CT	158 HM	Y	Y	N/A	SF	>100		SEE 302 A
E31-N056B	TEMPERATURE ELEMENT PYCO	145C3224	CT	158 HM	Y	Y	N/A	SF	>100		SEE 302 A
E31-N057A	TEMPERATURE ELEMENT PYCO	145C3224	CT	148 HM	Y	Y	N/A	SF	>100		SEE 302 A
E31-N057B	TEMPERATURE ELEMENT PYCO	145C3224	CT	148 HM	Y	Y	N/A	SF	>100		SEE 302 A

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

SYSTEM E33 MAIN STEAM ISOLATION VALVE SEALS

NSSS EQUIPMENT

E33-0001	FLOW ORIFICE ASSEMBLY VICKERY SIMS		AB		LH	Y		N/A	S	N/A	N/A A	Y
E33-0021	FLOW ORIFICE ASSEMBLY VICKERY SIMS		AB		LH	Y		N/A	S	N/A	N/A A	Y
E33-N006	FLOW ORIFICE ASSEMBLY VICKERY SIMS		AB	143	LH	Y		N/A	S	N/A	N/A A	Y
E33-N026	FLOW ORIFICE ASSEMBLY VICKERY SIMS		AB		LH	Y		N/A	S	N/A	N/A A	Y

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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- ANLYS TEST	-NAT FREQ- LOWEST	----RRS REF	
		PPD NO.	BLDG	ELEV	MTG	SEIS	HYDR	STATUS---			QUAL INST	
*****												
SYSTEM E51 REACTOR CORE ISOLATION COOLING SYSTEM												
NSSS EQUIPMENT												
E51-C001	PUMP, RCIC BINGHAM		AB	70	CF	Y	N/A	S/D	N/A	35	1	A Y
E51-C002	TURB, ST. RCIC DRIVE TERRY		AB	70	CF	Y	N/A	N/A	MF		1	A Y
E51-N001	FLOW ORIFICE ASSY, RCIC VICKERY SIMS		AB	100	LH	Y	N/A	S	N/A		N/A	A Y
E51-N010	LEVEL SWITCH MAGNETROL	184C4776	AB	73	CF	Y	N/A	N/A	MF		1	A Y
E51-N035A	TRANSMITTER, DIFF PRESS ROSEMOUNT	169C8392	PT	71	RM	Y	N/A	N/A	MF		25	A Y
E51-N035E	TRANSMITTER, DIFF PRESS ROSEMOUNT	169C8392	PT	71	RM	Y	N/A	N/A	MF		25	A Y
E51-N036A	TRANSMITTER, LEVEL GOULD	184G4775	CT	123	DM	Y	Y	N/A	I/F	44	SEE 301	A Y
E51-N036E	TRANSMITTER, LEVEL GOULD	184G4775	CT	123	DM	Y	Y	N/A	MF	44	SEE 301	A Y
E51-N037	LEVEL SWITCH MAGNETROL	184G4776	AB	72	CF	Y	N/A	N/A	MF		1	A Y
E51-R005	THERMOMETER NEED	145C3103	AB	81	LH	Y	N/A	S	N/A	>100	N/A	A Y

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MASTER LIST OF SAFETY RELATED EQUIPMENT

ENGINEER: 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---	
	MANUFACTURER									QUAL	INST

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SYSTEM F11

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NSSS EQUIPMENT

F11-E001	FUEL PREP MACHINE (QTY 2) GE		CT	186	DK	Y	Y	S/D	N/A		49,116,149 A
F11-E002	NEW FUEL INSPECTION STAND GE		FB	113	CF	Y	N/A	S/D	N/A		18 A
F11-E011	GENERAL PURPOSE GRAPPLE GE		CT	186	N/A	N/A	N/A	S	N/A	N/A	N/A A Y
F11-E012	JIB CRANE CAL PACIFIC		CT	186	CF	Y	Y				49,116,149 A Y
F11-E014	FUEL HANDLING PLATFORM PRO & REH		FB	125	CF	Y	N/A	S/D	N/A		18,19 B1 Y
F11-E017	FUEL HANDLING PLATFORM PPD & REH		FB	125	CF	Y	N/A	S/D	N/A		18,19 B1 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. 50-458

EQUIP. ID	-----EQUIPMENT----- DESCRIPTION MANUFACTURER	PPD NO.	---LOCATION---		---LOADS---		-QUAL METH- ANLYS TEST	-NAT FREQ- LOWEST	---RRS REF	
			BLDG	ELEV MTG	SEIS	HYDR			---STATUS---	QUAL
*****										
SYSTEM F13										*
NSSS EQUIPMENT										
F13-E005	HEAD HOLDING PEDESTAL (QTY 3) CBIN		CT	186	CF	Y	Y	D	N/A	49,116,149 A Y
F13-E008	DRYER SEPARATOR STGBK VOTAH		CT	186	CF	Y	Y	S	N/A	49,116,149 A Y
F13-E009	HEAD STRONGBACK CAROUSEL VOTAH		CT	186	CF	Y	Y	S	N/A	49,116,149 A 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	-----EQUIPMENT-----	PPD NO.	---LOCATION---		---LOADS---		-QUAL METH-	-NAT FREQ-	----RRS REF		
	DESCRIPTION MANUFACTURER		BLDG	ELEV	MTG	SEIS	HYDR	ANLYS	TEST	LOWEST	----STATUS----
										QUAL INST	
*****											
SYSTEM F14											
* NSSS EQUIPMENT											
F14-E002	CONTROL ROD GRAPPLE INDUSTRIAL DESIGN	767E648	CT	186	N/A	Y	Y	S	N/A	N/A	A Y

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UTILITY GULF STATES

SEISMIC AND DYNAMIC QUALIFICATION SUMMARY AND STATUS REPORT  
MASTER LIST C - 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.	BLDG	ELEV	HTG	SEIS	HYDR			ANLYS	TEST
*****											
SYSTEM F15											
* NSSS EQUIPMENT											
F15-E003	REFUELING PLATFORM EQUIP PRO & REM		CT	186	CF	Y	Y	S/D	N/A		49,116,149 B1 Y
F15-E005	AUXILIARY PLATFORM AVEL		CT	186	CF	Y	Y		N/A		49,116,149 B1 Y
F15-E006	PART OF F15-E003 PRO & REM		CT	186	CF	Y	Y	S/D	N/A		49,116,149 B1 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. 50-458

EQUIP. ID	DESCRIPTION MANUFACTURER	PPD NO.	---LOCATION---		---LOADS---		-QUAL METH- ANLYS TEST	-NAT FREQ- LOHEST	----RRS REF			
			BLDG	ELEV MTG	SEIS	HYDR			---STATUS---	QUAL INST		
*****												
SYSTEM F16			*									
NSSS EQUIPMENT												
F16-E002	PART OF F16-E011/12 GE		CT	146	CF	Y	Y	S/D		SEE 302 A Y		
F16-E006	IN-VESSEL RACK (QTY 2) GOULD		CT	146	CF	Y	Y		N/A	SEE 302 A		
F16-E009	DEFECT FUEL STORAGE CONT GE (QTY 8)		FB	95	CF	Y		N/A	N/A	17 A		
F16-E011	EQPT STOR RACK GE		CT	146	CF	Y	Y	S/D	N/A	SEE 302 A		
F15-E012	FUEL STORAGE VAULT GE		FB	95	DH	Y		N/A	S/D N/A N/A	17 A Y		





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ENGINEER: 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
	MANUFACTURER								QUAL	INST
*****										
SYSTEM G33 REACTOR WATER CLEAN-UP										
NSSS EQUIPMENT										
G33-N011	FLOW ORIFICE ASSEMBLY VICKERY SIMS		AB	119 LH	Y	N/A	S	N/A	N/A	A Y
G33-N035	FLOW ELEMENT (VENTURI) PERHUTIT		RB	110 LH	Y	Y	S/D	N/A	>100	N/A A Y
G33-N040	FLOW ORIFICE ASSEMBLY VICKERY SIMS		AB	118 LH	Y	N/A	S	N/A		N/A A Y
G33-N043	FLOW ELEMENT (VENTURI) FLUIDICS		AB	118 LH	Y	N/A	S/D	N/A	>100	N/A A Y

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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	PPD NO.	---LOCATION---			---LOADS---			-QUAL METH-	-NAT FREQ-	----RRS REF	
			BLDG	ELEV	MTG	SEIS	HYDR	ANLYS			TEST	LOWEST
*****												
SYSTEM H13 CONTROL ROOM PANELS												
NSSS EQUIPMENT												
H13-P601	REACTOR CORE COOLING BB GE	914E501	CB	136	CF	Y	N/A	N/A	HF	14	9 A	Y
H13-P618	DIV 2 RHR RELAY VB GE	914E516	CB	136	CF	Y	N/A	N/A	HF	19	9 A	Y
H13-P621	REA CORE ISO COOL RELY VB GE	914E508	CB	136	CF	Y	N/A	N/A	HF	14	9 A	Y
H13-P622	INBOARD VALVE RELAY VB GE	914E509	CB	136	CF	Y	N/A	N/A	HF	14	9 A	Y
H13-P623	OUTBOARD VALVE RELAY VB GE	914E510	CB	136	CF	Y	N/A	N/A	HF	14	9 A	Y
H13-P625	HP CORE SPRAY RELAY PNL GE	914E511	CB	136	CF	Y	N/A	N/A	HF	19	9 A	Y
H13-P628	AUTO DEP CH A RLY VB GE	914E512	CB	136	CF	Y	N/A	N/A	HF	19	9 A	Y
H13-P629	DIV 1 LPCS&RHR RELAY VB GE	914E513	CB	136	CF	Y	N/A	N/A	HF	19	9 A	Y
H13-P631	AUTO DEPRESS CH B RLY VB GE	914E514	CB	136	CF	Y	N/A	N/A	HF	19	9 A	Y
H13-P632	DIV 1 LEAK DETECTION VB GE	914E515	CB	136	CF	Y	N/A	N/A	HF	19	9 A	Y
H13-P642	DIV 2 LEAK DETECTION VB GE	914E516	CB	136	CF	Y	N/A	N/A	HF	19	9 A	Y
H13-P651	ROD ACTION CONTROL CAB GE	865E140AA	CB	136	CF	Y	N/A	N/A	HF		9 A	

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ENGINEER: 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---

SYSTEM H13 CONTROL ROOM PANELS

NSSS EQUIPMENT

H13-P652	ROD ACTION CONTROL CAB GE	865E140AA	CB	136	CF	Y	N/A	N/A	HF		9	A	
H13-P654	DIV 2 MSIV LKG CONT CAB GE	914E517	CB	136	CF	Y	N/A	N/A	HF	14	9	A	Y
H13-P655	DIV 1 MSIV LKG CONT CAB GE	914E518	CB	136	CF	Y	N/A	N/A	HF	14	9	A	Y
H13-P669	NEUTRON/PROCESS RAD DIV 1 GE	851E919AF	CB	136	CF	Y	N/A	N/A	HF	11	9	A	Y
H13-P670	NEUTRON/PROCESS RAD DIV 2 GE	851E920AF	CB	136	CF	Y	N/A	N/A	HF	11	9	A	Y
H13-P671	NEUTRON/PROCESS RAD DIV 3 GE	851E920AF	CB	136	CF	Y	N/A	N/A	HF	11	9	A	Y
H13-P672	NEUTRON/PROCESS RAD DIV 4 GE	851E922AF	CB	136	CF	Y	N/A	N/A	HF	11	9	A	Y
H13-P680	PRNTD PWR PLANT CONSOLE GE	914E519	CB	136	CF	Y	N/A	N/A	HF	19.5	9	A	Y
H13-P691	RPS LOGIC DIV A GE	914E520	CB	136	CF	Y	N/A	N/A	HF	21	9	A	Y
H13-P692	RPS LOGIC DIV B GE	914E521	CB	136	CF	Y	N/A	N/A	HF	21	9	A	Y
H13-P693	RPS LOGIC DIV C GE	914E522	CB	136	CF	Y	N/A	N/A	HF	21	9	A	Y
H13-P694	RPS LOGIC DIV D GE	914E523	CB	136	CF	Y	N/A	N/A	HF	21	9	A	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. 50-458

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
	MANUFACTURER										
*****											
SYSTEM H13 CONTROL ROOM PANELS											
NSSS EQUIPMENT											
H13-P702	TERM CABINET P702 GE	914E768	CB	136	CF	Y	N/A	N/A	HF	20	9 A Y
H13-P703	TERM CABINET P703 GE	914E770	CB	136	CF	Y	N/A	N/A	HF	20	9 A Y
H13-P704	TERM CAB P704 GE	914E764	CB	136	CF	Y	N/A	N/A	HF	20	9 A Y
H13-P710	TERM CABINET P710 GE	914E761	CB	136	CF	Y	N/A	N/A	HF	20	9 A Y
H13-P711	TERM CAB P711 GE	914E763	CB	136	CF	Y	N/A	N/A	HF	20	9 A Y
H13-P712	TERM CAB P712 GE	914E760	CB	136	CF	Y	N/A	N/A	HF	20	9 A Y
H13-P713	TERM CAB P713 GE	914E766	CB	136	CF	Y	N/A	N/A	HF	20	9 A Y
H13-P714	TERM CAB P714 GE	914E762	CB	136	CF	Y	N/A	N/A	HF	20	9 A Y
H13-P715	TERM CAB P715 GE	914E767	CB	136	CF	Y	N/A	N/A	HF	20	9 A Y
H13-P717	TERM CAB P717 GE	914E765	CB	136	CF	Y	N/A	N/A	HF	20	9 A Y
H13-P721	TERMINATION CABINET P721 GE	914E752	CB	136	CF	Y	N/A	N/A	HF	20	9 A Y
H13-P743	TERMINATION CABINET P743 GE	914E758	CB	136	CF	Y	N/A	N/A	HF	20	9 A Y



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ENGINEER: 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 H13 CONTROL ROOM PANELS

NSSS EQUIPMENT

H13-P744	TERMINATION CABINET P744 GE	914E754	CB	136	CF	Y	N/A	N/A	MF	20	9	A	Y
H13-P745	TERMINATION CABINET P745 GE	914E757	CB	136	CF	Y	N/A	N/A	MF	20	9	A	Y
H13-P746	TERMINATION CABINET P746 GE	914E753	CB	136	CF	Y	N/A	N/A	MF	20	9	A	Y
H13-P747	TERMINATION CABINET P747 GE	914E755	CB	136	CF	Y	N/A	N/A	MF	20	9	A	Y
H13-P748	TERMINATION CABINET P748 GE	914E750	CB	136	CF	Y	N/A	N/A	MF	20	9	A	Y
H13-P750	TERM CABINET P750 GE	914E772	CB	136	CF	Y	N/A	N/A	MF	20	9	A	Y
H13-P751	TERM CABINET ASSY P751 GE	914E950	CL	136	CF	Y	N/A	N/A	MF	20	9	A	Y
H13-P799	TERMINATION CABINET P799 GE	188C7452	CB	136	CF	Y	N/A	N/A	MF	20	9	A	Y
H13-P808	CONTROL ROOM PANEL GE	914E524	CB	136	CF	Y	N/A	N/A	MF	14	9	A	Y
H13-P819	ASSY BOP SAFETY DIV 1 GE	914E525	CB	136	CF	Y	N/A	N/A	MF	18	9	A	Y
H13-P820	BOP SAFETY DIV 2 GE	914E526	CB	136	CF	Y	N/A	N/A	MF	18	9	A	Y
H13-P841	CONTROL ROOM PANEL GE	914E527	CB	136	CF	Y	N/A	N/A	MF	12	9	A	Y



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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---

SYSTEM H13 CONTROL ROOM PANELS

NSSS EQUIPMENT

H13-P842	CONTROL ROOM PANEL GE	914E528	CB	136	CF	Y	N/A	N/A	MF	12	9 A	Y
H13-P851	DIV 1 BOP AUX RELAY PNL GE	914E531	CB	136	CF	Y	N/A	N/A	MF	12	9 A	Y
H13-P852	DIV 2 BOP AUX RELAY PNL GE	914E532	CB	136	CF	Y	N/A	N/A	MF	12	9 A	Y
H13-P863	HVAC BENCH BOARD GE	914E535	CB	136	CF	Y	N/A	N/A	MF	14	9 A	Y
H13-P870	BOP CONTROL BB GE	914E536	CB	136	CF	Y	N/A	N/A	MF	14	9 A	Y
H13-P877	CONTROL ROOM PANEL GE	914E537	CB	136	CF	Y	N/A	N/A	MF	14	9 A	Y
H13-P951	DIV 1 BOP AUX RELAY PANEL GE	944E781	CB	136	CF	Y	N/A	N/A	MF	18	9 A	Y
H13-P952	DIV 2 BOP AUX RELAY PANEL GE	944E782	CB	136	CF	Y	N/A	N/A	MF	18	9 A	Y

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ENGINEER: 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 H22 LOCAL PANELS AND RACKS											
NSSS EQUIPMENT											
H22-P001	LPCS LOCAL PANEL GE	184C5461	AB	100 CF	Y	N/A	N/A	HF	13.5	2,3 A	Y
H22-P002	REAC WATER CLNUP LCL PNL GE	184C5463	CT	141 CF	Y	Y	N/A	HF	13.0	SEE 302 A	Y
H22-P004	RV LVL & PRESS LCL PNL A GE	914E794	CT	114 CF	Y	Y	N/A	HF	13.0	46,113,146 A	Y
H22-P005	R V LVL & PRESS LCL PNL C GE	184C5349	CT	114 CF	Y	Y	N/A	HF	13.5	46,113,146 A	Y
H22-P009	JET PUMP LOCAL PANEL B GE	147D7884	CT	114 CF	Y	Y	N/A	HF	13.0	46,113,146 A	Y
H22-P010	JET PUMP LOCAL PANEL A GE	184C5474	CT	114 CF	Y	Y	N/A	HF	13.5	46,113,146 A	Y
H22-P011	STBY LIQ CONT LCL PNL GE	184C5470	CT	141 CF	Y	Y	N/A	HF		SEE 302 A	Y
H22-P015	MAIN STEAM FLOW LCL PNL A GE	184C5466	CT	114 CF	Y	Y	N/A	HF	13.5	46,113,146 A	Y
H22-P017	RCIC LOCAL PANEL GE	147D7879	AB	100 CF	Y	N/A	N/A	HF	13.0	2,3 A	Y
H22-P018	RHR A LOCAL PANEL GE	184C5467	AB	100 CF	Y	N/A	N/A	HF	13.0	2,3 A	Y
H22-P021	RHR B LOCAL PANEL GE	184C5459	AB	100 CF	Y	N/A	N/A	HF	13.5	2,3 A	Y
H22-P024	HFCS LOCAL PANEL GE	184C5456	AB	100 CF	Y	N/A	N/A	HF	13.5	2,3 A	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		
			BLDG	ELEV MTG	SEIS	HYDR	ANLYS	TEST	LOWEST	---STATUS---	QUAL	INST
*****												
SYSTEM H22 LOCAL PANELS AND RACKS												
NSSS EQUIPMENT												
H22-P025	MAIN STEAM FLOW LCL PNL B GE	184C5453	CT	114 CF	Y	Y	N/A	MF	13.0	46,113,146 A	Y	
H22-P026	RV LVL & PRESS LCL PNL D GE	184C5450	CT	114 CF	Y	Y	N/A	MF	13.5	46,113,146 A	Y	
H22-P027	RV LVL & PRESS LCL PNL B	147D7885	CT	114 CF	Y	Y	N/A	MF	13.0	46,113,146 A	Y	
H22-P028	ASSY, HPCS DGP RELAY VB GE	944E114	DG	98 CF	Y	N/A	N/A	MF	14	12 B1	Y	
H22-P030	SRM/IRM PRE-AMP ENCL A GE	195B9778	AB	114 DW	Y	N/A	N/A	MF	20	3 A	Y	
H22-P031	SRM/IRM PRE-AMP ENCL B GE	195B9778	AB	120 DW	Y	N/A	N/A	MF	20	3,4 A	Y	
H22-P032	SRM/IRM PRE-AMP ENCL C GE	195B9778	FB	113 DW	Y	N/A	N/A	MF	20	18 A	Y	
H22-P033	SRM/IRM PRE-AMP ENCL D GE	195B9778	FB	113 DW	Y	N/A	N/A	MF	20	18 A	Y	
H22-P041	MAIN STEAM FLOW LCL PNL D GE	184C5451	CT	114 CF	Y	Y	N/A	MF	13.5	46,113,146 A	Y	
H22-P042	MAIN STEAM FLOW LCL PNL C GE	184C5452	CT	114 CF	Y	Y	N/A	MF	13.5	46,113,146 A	Y	
H22-P055	RHR C LOCAL PANEL GE	184C5465	AB	100 CF	Y	N/A	N/A	MF	13.0	2,3 A	Y	
H22-P071	ROD POSITION MULTIPLEXER GE	865E133AA	CT	114 CF	Y	Y	N/A	MF	28	46,113,146 A		

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DOCKET NO. 50-458

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

SYSTEM H22 LOCAL PANELS AND RACKS

NSSS EQUIPMENT

H22-P072	ROD POSITION MULTIPLEXER GE	865E133AA	CT	114	CF	Y	Y	N/A	MF	28	46,113,146 A
H22-P073	HSP LKG CONTROL DIV 1 LP GE	104C5343	AB	114	CF	Y	N/A	N/A	MF	13.8	3 A Y
H22-P074	HSP LKG CONTROL DIV 2 LP GE	184C5346	AB	114	CF	Y	N/A	N/A	MF	13.8	3 A Y