



PSEG Public Service
Electric and Gas
Company

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Robert L. Mittl General Manager
Nuclear Assurance and Regulation

November 16, 1984

Director of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
7920 Norfolk Avenue
Bethesda, Maryland 20814

Attention: Mr. Albert Schwencer, Chief
Licensing Branch 2
Division of Licensing

Gentlemen:

HOPE CREEK GENERATING STATION
DOCKET NO. 50-354
UPDATED MASTER EQUIPMENT LIST FOR SEISMIC AND DYNAMIC
QUALIFICATION SUMMARY AND STATUS OF SAFETY RELATED
EQUIPMENT

Pursuant to discussions held with the NRC Equipment Qualification Branch, attached find one (1) copy of the Addendum to the updated master listing of seismic and dynamic qualification summary and status of safety related equipment. Attachment 1 of the addendum includes all active non-NSSS supplied self-operated check valves, assembled on a purchase order basis. Attachment 2 provides the same information as Attachment 1 on a system order basis.

In addition, Attachment III contains the active pump list (FSAR Tables 3.9-16 and 18) revised to include the skid identification number for those pumps which are mounted on skids and Attachment IV contains the resolution to the questions raised concerning the differences between the list of active NSSS valves shown on FSAR Table 3.9-17 and the Master Equipment List.

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The Energy People

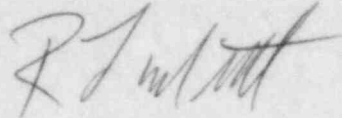
Director of Nuclear
Reactor Regulation

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Should you have any questions or require any additional information on these items, please contact us.

Very truly yours,



Attachments

- C D. H. Wagner
USNRC Licensing Project Manager (w/attach.)
- W. H. Bateman
USNRC Senior Resident Inspector (w/attach.)
- C. Kido - EG&G Idaho Inc. (w/attach.)
- J. Singh - EG&G Idaho Inc. (w/attach.)

MP84 172 13 1/2-vw

ATTACHMENT I

MASTER LISTING OF SEISMIC AND DYNAMIC QUALIFICATION SUMMARY AND STATUS OF SAFETY RELATED EQUIPMENT

PLANT NAME: HOPE CREEK JOB NUMBER 10855 DOCKET NUMBER: 50-354 UTILITY: PSE&G A/E: BECHTEL NSSS: GE page 1 of 4

P.O. NUMBER	EQUIPMENT TAG NUMBER	S U P L T E R	EQUIPMENT TYPE AND DESCRIPTION	MANUFACT AND NUMBER	SEISMIC REPORT NUMBER	LOCATION			LOAD CONSIDER	QUAL. METHOD	LOWEST NATRL FREQ	STAT. IRRS	CODES & STDS
						BLDG	IN	EQ					
J-703	11-SE-V006		A/E: 3/8" - 15# - CK - SELF	DRAGON	G1FSAR3.9, PB4	SE	RB1001						
M-04B	11-KL-V223		A/E: 12" - 150# - CK - SELF	ROCKWELL	101	FL	RB132						
M-04B	11-KL-V224		A/E: 12" - 150# - CK - SELF	ROCKWELL	101	FL	RB132						
M-04B	11-KL-V217		A/E: 12" - 150# - CK - SELF	ROCKWELL	101	FL	RB132						
M-04B	11-KL-V219		A/E: 12" - 150# - CK - SELF	ROCKWELL	101	FL	RB132						
P-301	11-AP-V055		A/E: 14" - DBB - TCK - SELF	ANCHR/DARL	G1FSAR3.9, PB4	AP	RB105						
P-301	11-AP-V045		A/E: 14" - DBB - TCK - SELF	ANCHR/DARL	G1FSAR3.9, PB4	AP	RB105						
P-301	11-AP-V043		A/E: 14" - DBB - TCK - SELF	ANCHR/DARL	G1FSAR3.9, PB4	AP	RB105						
P-301	11-AP-V05B		A/E: 14" - GBB - TCK - SELF	ANCHR/DARL	G1FSAR3.9, PB4	AF	RB106						
P-301	11-AP-V042		A/E: 14" - GBB - TCK - SELF	ANCHR/DARL	G1FSAR3.9, PB4	AP	RB105						
P-301	11-AP-V039		A/E: 13" - GBB - TCK - SELF	ANCHR/DARL	G1FSAR3.9, PB4	AP	RB103						
P-301	11-AP-V061		A/E: 13" - GBB - TCK - SELF	ANCHR/DARL	G1FSAR3.9, PB4	AP	RB103						
P-301	11-AP-V046		A/E: 14" - DBB - TCK - SELF	ANCHR/DARL	G1FSAR3.9, PB4	AP	RB105						
P-301	11-AP-V060		A/E: 13" - GBB - TCK - SELF	ANCHR/DARL	G1FSAR3.9, PB4	AP	RB103						
P-301	11-AP-V057		A/E: 14" - DBB - TCK - SELF	ANCHR/DARL	G1FSAR3.9, PB4	AP	RB106						
P-301	11-AP-V003		A/E: 110" - TBB - TCK - SELF	ANCHR/DARL	G1FSAR3.9, PB4	AP	RB079						
P-301	11-AP-V054		A/E: 14" - DBB - TCK - SELF	ANCHR/DARL	G1FSAR3.9, PB4	AP	RB105						
P-301	11-AP-V040		A/E: 13" - GBB - TCK - SELF	ANCHR/DARL	G1FSAR3.9, PB4	AP	RB103						
P-301	11-BC-V002		A/E: 118" - GBB - TCK - SELF	ANCHR/DARL	G1FSAR3.9, PB4	BC	RB061						
P-301	11-BC-V127		A/E: 14" - GBB - TCK - SELF	ANCHR/DARL	G1FSAR3.9, PB4	BC	RB072						
P-301	11-BC-V033		A/E: 14" - GBB - TCK - SELF	ANCHR/DARL	G1FSAR3.9, PB4	BC	RB065						
P-301	11-BC-V030		A/E: 14" - GBB - TCK - SELF	ANCHR/DARL	G1FSAR3.9, PB4	BC	RB071						
P-301	11-BC-V105		A/E: 118" - GBB - TCK - SELF	ANCHR/DARL	G1FSAR3.9, PB4	BC	RB062						
P-301	11-BC-V130		A/E: 14" - GBB - TCK - SELF	ANCHR/DARL	G1FSAR3.9, PB4	BC	RB072						
P-301	11-BC-V03B		A/E: 16" - GBB - TCK - SELF	ANCHR/DARL	G1FSAR3.9, PB4	BC	RB090						
P-301	11-BC-V00B		A/E: 118" - GBB - TCK - SELF	ANCHR/DARL	G1FSAR3.9, PB4	BC	RB062						
P-301	11-BC-V099		A/E: 118" - GBB - TCK - SELF	ANCHR/DARL	G1FSAR3.9, PB4	BC	RB069						
P-301	11-BD-V004		A/E: 16" - HBB - TCK - SELF	ANCHR/DARL	G1FSAR3.9, PB4	BD	RB061						
P-301	11-BD-V002		A/E: 16" - HBB - TCK - SELF	ANCHR/DARL	G1FSAR3.9, PB4	BD	RB057						
P-301	11-BE-V032		A/E: 13" - GBB - CK - SELF	ANCHR/DARL	G1FSAR3.9, PB4	BE	RB064						
P-301	11-BE-V014		A/E: 12" - GBB - CK - SELF	ANCHR/DARL	G1FSAR3.9, PB4	BE	RB059						
P-301	11-BE-V034		A/E: 13" - GBB - CK - SELF	ANCHR/DARL	G1FSAR3.9, PB4	BE	RB064						
P-301	11-BE-V030		A/E: 13" - GBB - CK - SELF	ANCHR/DARL	G1FSAR3.9, PB4	BE	RB064						
P-301	11-BE-V016		A/E: 12" - GBB - CK - SELF	ANCHR/DARL	G1FSAR3.9, PB4	BE	RB059						
P-301	11-BE-V02B		A/E: 13" - GBB - CK - SELF	ANCHR/DARL	G1FSAR3.9, PB4	BE	RB064						
P-301	11-BE-V013		A/E: 12" - GBB - CK - SELF	ANCHR/DARL	G1FSAR3.9, PB4	BE	RB059						
P-301	11-BE-V015		A/E: 12" - GBB - CK - SELF	ANCHR/DARL	G1FSAR3.9, PB4	BE	RB059						
P-301	11-BJ-V00B		A/E: 16" - HBB - TCK - SELF	ANCHR/DARL	G1FSAR3.9, PB4	BJ	RB059						
P-301	11-BJ-V006		A/E: 16" - HBB - TCK - SELF	ANCHR/DARL	G1FSAR3.9, PB4	BJ	RB059						
P-301	11-EC-V04		A/E: 16" - HBC - CK - SELF	ANCHR/DARL	G1FSAR3.9, PB4	EC	RB167						
P-301	11-EC-V015		A/E: 18" - HCC - CK - SELF	ANCHR/DARL	G1FSAR3.9, PB4	EC	RB087						
P-301	11-EC-V007		A/E: 16" - HBC - CK - SELF	ANCHR/DARL	G1FSAR3.9, PB4	EC	RB167						
P-301	11-EG-V730		A/E: 18" - HBC - TCK - SELF	ANCHR/DARL	G1FSAR3.9, PB4	EG	AB104						
P-301	11-EG-V019		A/E: 120" - HBC - CK - SELF	ANCHR/DARL	G1FSAR3.9, PB4	EG	RB104						

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MASTER LISTING OF SEISMIC AND DYNAMIC QUALIFICATION SUMMARY AND STATUS OF SAFETY RELATED EQUIPMENT

PLANT NAME: HOPE CREEK JOB NUMBER: 10055 DOCKET NUMBER: 50-354 UTILIT: PSEG A/E: BECHTEL NSSS: GE page 2 of 4

P.O. NUMBER	EQUIPMENT TAG NUMBER	S U P P L I E S	EQUIPMENT TYPE AND DESCRIPTION	MANUFACT AND MODEL NUMBER	SEISMIC REPORT NUMBER	BLDG AND ELEV	IN TO	REDA	CONSIDER	QUAL METHOD	LOWEST NATRL FREQ	STAT	IRRS	CODES
P-301	11-EG-V010	1A/E:20"	HBC-CK-SELF	ANCHR/DARL	G:FSAR3.9,PB4:EG:RB104							A	A	
P-301	11-EG-V031	1A/E:30"	HBC-CK-SELF	ANCHR/DARL	G:FSAR3.9,PB4:EG:RB069							A	A	
P-301	11-EG-V732	1A/E:18"	HBC-TCK-SELF	ANCHR/DARL	G:FSAR3.9,PB4:EG:AB104							A	A	
P-301	11-EG-V016	1A/E:20"	HBC-CK-SELF	ANCHR/DARL	G:FSAR3.9,PB4:EG:RB104							A	A	
P-301	11-EG-V029	1A/E:30"	HBC-CK-SELF	ANCHR/DARL	G:FSAR3.9,PB4:EG:AB069							A	A	
P-301	11-EG-V733	1A/E:18"	HBC-TCK-SELF	ANCHR/DARL	G:FSAR3.9,PB4:EG:AB105							A	A	
P-301	11-EG-V731	1A/E:18"	HBC-TCK-SELF	ANCHR/DARL	G:FSAR3.9,PB4:EG:AB105							A	A	
P-301	11-EG-V013	1A/E:20"	HBC-CK-SELF	ANCHR/DARL	G:FSAR3.9,PB4:EG:RB104							A	A	
P-301	11-EP-V016	1A/E:16"	HEC-FCK-SELF	ANCHR/DARL	G:FSAR3.9,PB4:EP:IS086							A	A	
P-301	11-EP-V023	1A/E:16"	HEC-FCK-SELF	ANCHR/DARL	G:FSAR3.9,PB4:EP:IS086							A	A	
P-301	11-EP-V010	1A/E:16"	HEC-FCK-SELF	ANCHR/DARL	G:FSAR3.9,PB4:EP:IS086							A	A	
P-301	11-EP-V003	1A/E:16"	HEC-FCK-SELF	ANCHR/DARL	G:FSAR3.9,PB4:EP:IS086							A	A	
P-301	11-FC-V003	1A/E:10"	HBB-TCK-SELF	ANCHR/DARL	G:FSAR3.9,PB4:FC:RB081							A	A	
P-301	11-FD-V004	1A/E:20"	HBB-TCK-SELF	ANCHR/DARL	G:FSAR3.9,PB4:FL:RB089							A	A	
P-302	11-AE-V128	1A/E:14"	DBB-TCK-SELF	ANCHR/DARL	G:FSAR3.9,PB4:AE:RB109							A	A	
P-302	11-AE-V127	1A/E:14"	DBB-TCK-SELF	ANCHR/DARL	G:FSAR3.9,PB4:AE:RB109							A	A	
P-302	11-AE-V003	1A/E:14"	DLA-CK-SELF	ANCHR/DARL	G:FSAR3.9,PB4:AE:RB113							A	A	
P-302	11-AE-V007	1A/E:14"	DLA-CK-SELF	ANCHR/DARL	G:FSAR3.9,PB4:AE:RB113							A	A	
P-302	11-AP-V005	1A/E:14"	DBB-TCK-SELF	ANCHR/DARL	G:FSAR3.9,PB4:AP:RB081							A	A	
P-302	11-AP-V050	1A/E:13"	DBB-TCK-SELF	ANCHR/DARL	G:FSAR3.9,PB4:AP:RB104							A	A	
P-302	11-AP-V037	1A/E:13"	DBB-TCK-SELF	ANCHR/DARL	G:FSAR3.9,PB4:AP:RB103							A	A	
P-302	11-AP-V051	1A/E:13"	DBB-TCK-SELF	ANCHR/DARL	G:FSAR3.9,PB4:AP:RB104							A	A	
P-302	11-AP-V036	1A/E:13"	DBB-TCK-SELF	ANCHR/DARL	G:FSAR3.9,PB4:AP:RB103							A	A	
P-302	11-BC-V263	1A/E:16"	DBA-TCK-SELF	ANCHR/DARL	G:FSAR3.9,PB4:BC:RB190							A	A	
P-302	11-BD-V010	1A/E:16"	DBB-CK-SELF	ANCHR/DARL	G:FSAR3.9,PB4:BD:RB056							A	A	
P-302	11-BJ-V015	1A/E:14"	DBB-TCK-SELF	ANCHR/DARL	G:FSAR3.9,PB4:BJ:RB063							A	A	
P-302	11-BJ-V003	1A/E:14"	DBB-TCK-SELF	ANCHR/DARL	G:FSAR3.9,PB4:BJ:RB076							A	A	
P-303A	11-B3-V043	1A/E:1.75"	CCA-CK-SELF	ROCKWELL	IFSAR3.9,PB4:BB:RB094							A	A	
P-303A	11-BB-V043	1A/E:1.75"	CCA-CK-SELF	ROCKWELL	IFSAR3.9,PB4:BB:RB094							A	A	
P-303A	11-BC-V089	1A/E:11"	EBA-TCK-SELF	ROCKWELL	IFSAR3.9,PB4:BC:RB057							A	A	
P-303A	11-BC-V250	1A/E:11"	EBA-CK-SELF	ROCKWELL	IFSAR3.9,PB4:BC:RB065							A	A	
P-303A	11-BC-V211	1A/E:11"	EBA-CK-SELF	ROCKWELL	IFSAR3.9,PB4:BC:RB057							A	A	
P-303A	11-BC-V308	1A/E:12"	EBA-CK-SELF	ROCKWELL	IFSAR3.9,PB4:BC:RB056							A	A	
P-303A	11-BC-V194	1A/E:11"	EBA-TCK-SELF	ROCKWELL	IFSAR3.9,PB4:BC:RB056							A	A	
P-303A	11-BC-V090	1A/E:11"	EBA-TCK-SELF	ROCKWELL	IFSAR3.9,PB4:BC:RB057							A	A	
P-303A	11-BC-V195	1A/E:11"	EBA-TCK-SELF	ROCKWELL	IFSAR3.9,PB4:BC:RB056							A	A	
P-303A	11-BC-V313	1A/E:12"	EBA-CK-SELF	ROCKWELL	IFSAR3.9,PB4:BC:RB056							A	A	
P-303A	11-BC-V210	1A/E:11"	EBA-TCK-SELF	ROCKWELL	IFSAR3.9,PB4:BC:RB057							A	A	
P-303A	11-BC-V309	1A/E:12"	EBA-CK-SELF	ROCKWELL	IFSAR3.9,PB4:BC:RB056							A	A	
P-303A	11-BC-V208	1A/E:11"	EBA-TCK-SELF	ROCKWELL	IFSAR3.9,PB4:BC:RB057							A	A	
P-303A	11-BC-V023	1A/E:12"	EBA-CK-SELF	ROCKWELL	IFSAR3.9,PB4:BC:RB108							A	A	
P-303A	11-BC-V206	1A/E:11"	EBA-TCK-SELF	ROCKWELL	IFSAR3.9,PB4:BC:RB065							A	A	
P-303A	11-BC-V312	1A/E:12"	EBA-CK-SELF	ROCKWELL	IFSAR3.9,PB4:BC:RB056							A	A	
P-303A	11-BC-V207	1A/E:11"	EBA-TCK-SELF	ROCKWELL	IFSAR3.9,PB4:BC:RB057							A	A	

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MASTER LISTING OF SEISMIC AND DYNAMIC QUALIFICATION SUMMARY AND STATUS OF SAFETY RELATED EQUIPMENT

FLANT NAME: HOPE CREEK JOB NUMBER: 50-354 UTILITY: FSE-6 W/E: BECHTEL NBS: BE page 3 of 4

F.O. NUMBER	EQUIPMENT NO	NUMBER	TYPE AND DESCRIPTION	EQUIPMENT		SEISMIC REFERENCE NUMBER	LOCATION		CONSIDER	METHOD	NATL FREQ	LOWEST	STATUS	I RRS	CODES &
				FACTORY	REMARKS		IS	RELEVANT							
F-303A11-BD-V029			CBA-CK-SELF	ROCKWELL	1003MELL	IF SAR 3.9,FB4:ED:RB0291	IS	1003MELL	1003MELL	1003MELL	1003MELL	1003MELL	1003MELL		1003MELL
F-303A11-BD-V026			CBA-CK-SELF	ROCKWELL	1003MELL	IF SAR 3.9,FB4:ED:RB0264	IS	1003MELL	1003MELL	1003MELL	1003MELL	1003MELL	1003MELL		1003MELL
F-303A11-BD-V024			CBA-CK-SELF	ROCKWELL	1003MELL	IF SAR 3.9,FB4:ED:RB0291	IS	1003MELL	1003MELL	1003MELL	1003MELL	1003MELL	1003MELL		1003MELL
F-303A11-BD-V023			CBA-CK-SELF	ROCKWELL	1003MELL	IF SAR 3.9,FB4:ED:RB0231	IS	1003MELL	1003MELL	1003MELL	1003MELL	1003MELL	1003MELL		1003MELL
F-303A11-BD-V025			CBA-CK-SELF	ROCKWELL	1003MELL	IF SAR 3.9,FB4:ED:RB0251	IS	1003MELL	1003MELL	1003MELL	1003MELL	1003MELL	1003MELL		1003MELL
F-303A11-EM-V029			CBA-CK-SELF	ROCKWELL	1003MELL	IF SAR 3.9,FB4:ED:RB0291	IS	1003MELL	1003MELL	1003MELL	1003MELL	1003MELL	1003MELL		1003MELL
F-303A11-EM-V004			CBA-CK-SELF	ROCKWELL	1003MELL	IF SAR 3.9,FB4:ED:RB0041	IS	1003MELL	1003MELL	1003MELL	1003MELL	1003MELL	1003MELL		1003MELL
F-303A11-BJ-V023			CBA-CK-SELF	ROCKWELL	1003MELL	IF SAR 3.9,FB4:ED:RB0231	IS	1003MELL	1003MELL	1003MELL	1003MELL	1003MELL	1003MELL		1003MELL
F-303A11-BJ-V014			CBA-CK-SELF	ROCKWELL	1003MELL	IF SAR 3.9,FB4:ED:RB0141	IS	1003MELL	1003MELL	1003MELL	1003MELL	1003MELL	1003MELL		1003MELL
F-303A11-BA-V027			CBA-CK-SELF	ROCKWELL	1003MELL	IF SAR 3.9,FB4:ED:RB0271	IS	1003MELL	1003MELL	1003MELL	1003MELL	1003MELL	1003MELL		1003MELL
F-303A11-EB-V707			CBA-CK-SELF	ROCKWELL	1003MELL	IF SAR 3.9,FB4:ED:RB0707	IS	1003MELL	1003MELL	1003MELL	1003MELL	1003MELL	1003MELL		1003MELL
F-303A11-EG-V704			CBA-CK-SELF	ROCKWELL	1003MELL	IF SAR 3.9,FB4:ED:RB0704	IS	1003MELL	1003MELL	1003MELL	1003MELL	1003MELL	1003MELL		1003MELL
F-303A11-EB-V705			CBA-CK-SELF	ROCKWELL	1003MELL	IF SAR 3.9,FB4:ED:RB0705	IS	1003MELL	1003MELL	1003MELL	1003MELL	1003MELL	1003MELL		1003MELL
F-303A11-EB-V706			CBA-CK-SELF	ROCKWELL	1003MELL	IF SAR 3.9,FB4:ED:RB0706	IS	1003MELL	1003MELL	1003MELL	1003MELL	1003MELL	1003MELL		1003MELL
F-303A11-FC-V010			CBA-CK-SELF	ROCKWELL	1003MELL	IF SAR 3.9,FB4:ED:RB0101	IS	1003MELL	1003MELL	1003MELL	1003MELL	1003MELL	1003MELL		1003MELL
F-303A11-FB-V022			CBA-CK-SELF	ROCKWELL	1003MELL	IF SAR 3.9,FB4:ED:RB0221	IS	1003MELL	1003MELL	1003MELL	1003MELL	1003MELL	1003MELL		1003MELL
F-303A11-BS-V093			CBA-CK-SELF	ROCKWELL	1003MELL	IF SAR 3.9,FB4:ED:RB0931	IS	1003MELL	1003MELL	1003MELL	1003MELL	1003MELL	1003MELL		1003MELL
F-303A11-BS-V139			CBA-CK-SELF	ROCKWELL	1003MELL	IF SAR 3.9,FB4:ED:RB0139	IS	1003MELL	1003MELL	1003MELL	1003MELL	1003MELL	1003MELL		1003MELL
F-303A11-BS-V138			CBA-CK-SELF	ROCKWELL	1003MELL	IF SAR 3.9,FB4:ED:RB0138	IS	1003MELL	1003MELL	1003MELL	1003MELL	1003MELL	1003MELL		1003MELL
F-303A11-BU-V032			CBA-CK-SELF	ROCKWELL	1003MELL	IF SAR 3.9,FB4:ED:RB0321	IS	1003MELL	1003MELL	1003MELL	1003MELL	1003MELL	1003MELL		1003MELL
F-303A11-JE-V008			CBA-CK-SELF	ROCKWELL	1003MELL	IF SAR 3.9,FB4:ED:RB0081	IS	1003MELL	1003MELL	1003MELL	1003MELL	1003MELL	1003MELL		1003MELL
F-303A11-JE-V004			CBA-CK-SELF	ROCKWELL	1003MELL	IF SAR 3.9,FB4:ED:RB0041	IS	1003MELL	1003MELL	1003MELL	1003MELL	1003MELL	1003MELL		1003MELL
F-303A11-JE-V122			CBA-CK-SELF	ROCKWELL	1003MELL	IF SAR 3.9,FB4:ED:RB0122	IS	1003MELL	1003MELL	1003MELL	1003MELL	1003MELL	1003MELL		1003MELL
F-303A11-JE-V007			CBA-CK-SELF	ROCKWELL	1003MELL	IF SAR 3.9,FB4:ED:RB0071	IS	1003MELL	1003MELL	1003MELL	1003MELL	1003MELL	1003MELL		1003MELL
F-303A11-JE-V123			CBA-CK-SELF	ROCKWELL	1003MELL	IF SAR 3.9,FB4:ED:RB0123	IS	1003MELL	1003MELL	1003MELL	1003MELL	1003MELL	1003MELL		1003MELL
F-303A11-JE-V006			CBA-CK-SELF	ROCKWELL	1003MELL	IF SAR 3.9,FB4:ED:RB0061	IS	1003MELL	1003MELL	1003MELL	1003MELL	1003MELL	1003MELL		1003MELL
F-303A11-JE-V124			CBA-CK-SELF	ROCKWELL	1003MELL	IF SAR 3.9,FB4:ED:RB0124	IS	1003MELL	1003MELL	1003MELL	1003MELL	1003MELL	1003MELL		1003MELL
F-303A11-JE-V098			CBA-CK-SELF	ROCKWELL	1003MELL	IF SAR 3.9,FB4:ED:RB0098	IS	1003MELL	1003MELL	1003MELL	1003MELL	1003MELL	1003MELL		1003MELL
F-303A11-JE-V001			CBA-CK-SELF	ROCKWELL	1003MELL	IF SAR 3.9,FB4:ED:RB0001	IS	1003MELL	1003MELL	1003MELL	1003MELL	1003MELL	1003MELL		1003MELL
F-303A11-JE-V002			CBA-CK-SELF	ROCKWELL	1003MELL	IF SAR 3.9,FB4:ED:RB0002	IS	1003MELL	1003MELL	1003MELL	1003MELL	1003MELL	1003MELL		1003MELL
F-303A11-JE-V095			CBA-CK-SELF	ROCKWELL	1003MELL	IF SAR 3.9,FB4:ED:RB0095	IS	1003MELL	1003MELL	1003MELL	1003MELL	1003MELL	1003MELL		1003MELL
F-303A11-JE-V005			CBA-CK-SELF	ROCKWELL	1003MELL	IF SAR 3.9,FB4:ED:RB0005	IS	1003MELL	1003MELL	1003MELL	1003MELL	1003MELL	1003MELL		1003MELL
F-303A11-JE-V121			CBA-CK-SELF	ROCKWELL	1003MELL	IF SAR 3.9,FB4:ED:RB0121	IS	1003MELL	1003MELL	1003MELL	1003MELL	1003MELL	1003MELL		1003MELL
F-303A11-JE-V096			CBA-CK-SELF	ROCKWELL	1003MELL	IF SAR 3.9,FB4:ED:RB0096	IS	1003MELL	1003MELL	1003MELL	1003MELL	1003MELL	1003MELL		1003MELL
F-303A11-JE-V097			CBA-CK-SELF	ROCKWELL	1003MELL	IF SAR 3.9,FB4:ED:RB0097	IS	1003MELL	1003MELL	1003MELL	1003MELL	1003MELL	1003MELL		1003MELL
F-303A11-EL-V024			CBA-CK-SELF	ROCKWELL	1003MELL	IF SAR 3.9,FB4:ED:RB0241	IS	1003MELL	1003MELL	1003MELL	1003MELL	1003MELL	1003MELL		1003MELL
F-303A11-EL-V023			CBA-CK-SELF	ROCKWELL	1003MELL	IF SAR 3.9,FB4:ED:RB0231	IS	1003MELL	1003MELL	1003MELL	1003MELL	1003MELL	1003MELL		1003MELL
F-303A11-EL-V005			CBA-CK-SELF	ROCKWELL	1003MELL	IF SAR 3.9,FB4:ED:RB0005	IS	1003MELL	1003MELL	1003MELL	1003MELL	1003MELL	1003MELL		1003MELL
F-303A11-EL-V006			CBA-CK-SELF	ROCKWELL	1003MELL	IF SAR 3.9,FB4:ED:RB0006	IS	1003MELL	1003MELL	1003MELL	1003MELL	1003MELL	1003MELL		1003MELL
F-303A11-EL-V019			CBA-CK-SELF	ROCKWELL	1003MELL	IF SAR 3.9,FB4:ED:RB0191	IS	1003MELL	1003MELL	1003MELL	1003MELL	1003MELL	1003MELL		1003MELL

ATTACHMENT 2

MASTER LISTING OF SEISMIC AND DYNAMIC QUALIFICATION SUMMARY AND STATUS OF SAFETY RELATED EQUIPMENT

PLANT NAME: HOPE CREEK JOB NUMBER: 10855 DOCKET NUMBER: 50-354 UTILITY: PSE&G A/E: BECHTEL NSSS: GE page 3 of 4

P.O. NUMBER	EQUIPMENT TAG NUMBER	S U F P L I E R	EQUIPMENT TYPE AND DESCRIPTION	MANUFACT AND NUMBER	SEISMIC REPORT NUMBER	LOCATION			LOAD CONSIDER	QUAL. METHOD	LOWEST NATRL FREQ	STAT: IRRS	CODES & STDS
						IN	TO	OF					
P-303A	11-BH-V029		1.5"-CCA-CK-SELF	ROCKWELL	FSAR3.9,PB4	BH	RB014B					1A	1A
P-301	11-BJ-V006		1.6"-HBB-TCK-SELF	ANCHR/DARL	FSAR3.9,PB4	BJ	RB059					1A	1A
P-301	11-BJ-V008		1.6"-HBB-TCK-SELF	ANCHR/DARL	FSAR3.9,PB4	BJ	RB059					1A	1A
P-302	11-BJ-V003		1.4"-DBB-CK-SELF	ANCHR/DARL	FSAR3.9,PB4	BJ	RB076					1A	1A
P-302	11-BJ-V015		1.4"-DBB-TCK-SELF	ANCHR/DARL	FSAR3.9,PB4	BJ	RB063					1A	1A
P-303A	11-BJ-V014		1"-CBA-CK-SELF	ROCKWELL	FSAR3.9,PB4	BJ	RB063					1A	1A
P-303A	11-BJ-V023		1"-CBA-CK-SELF	ROCKWELL	FSAR3.9,PB4	BJ	RB063					1A	1A
P-303A	11-BJ-V027		1.2"-EBA-CK-SELF	ROCKWELL	FSAR3.9,PB4	BJ	RB061					1A	1A
P-303A	11-EA-V357		1.2"-EBA-CK-SELF	ROCKWELL	FSAR3.9,PB4	EA	RB103					1A	1A
P-365	11-EA-V453		1.24"-HEC-FCK-SELF	TRW MISSION	FSAR3.9,PB4	EA	RB086					1A	1A
P-365	11-EA-V359		1.28"-HEC-FCK-SELF	TRW MISSION	FSAR3.9,PB4	EA	RB097					1A	1A
P-365	11-EA-V361		1.28"-HEC-FCK-SELF	TRW MISSION	FSAR3.9,PB4	EA	RB097					1A	1A
P-365	11-EA-V363		1.28"-HEC-FCK-SELF	TRW MISSION	FSAR3.9,PB4	EA	RB097					1A	1A
P-365	11-EA-V365		1.28"-HEC-FCK-SELF	TRW MISSION	FSAR3.9,PB4	EA	RB097					1A	1A
P-366	11-EA-V543		1.2"-HCC-RCK-SELF	CIRCLE SEAL	FSAR3.9,PB4	EA	YD123					1A	1A
P-366	11-EA-V556		1.2"-HCC-RCK-SELF	CIRCLE SEAL	FSAR3.9,PB4	EA	YD123					1A	1A
P-366	11-EA-V544		1.1"-HEC-RCK-SELF	CIRCLE SEAL	FSAR3.9,PB4	EA	YD098					1A	1A
P-366	11-EA-V545		1.1"-HEC-RCK-SELF	CIRCLE SEAL	FSAR3.9,PB4	EA	YD098					1A	1A
P-366	11-EA-V546		1.1"-HEC-RCK-SELF	CIRCLE SEAL	FSAR3.9,PB4	EA	YD098					1A	1A
P-366	11-EA-V547		1.1"-HEC-RCK-SELF	CIRCLE SEAL	FSAR3.9,PB4	EA	YD098					1A	1A
P-301	11-EC-V007		1.6"-HBC-CK-SELF	ANCHR/DARL	FSAR3.9,PB4	EC	RB167					1A	1A
P-301	11-EC-V040		1.6"-HBC-CK-SELF	ANCHR/DARL	FSAR3.9,PB4	EC	RB167					1A	1A
P-301	11-EG-V015		1.8"-HCC-CK-SELF	ANCHR/DARL	FSAR3.9,PB4	EG	RB083					1A	1A
P-301	11-EG-V010		1.20"-HBC-CK-SELF	ANCHR/DARL	FSAR3.9,PB4	EG	RB104					1A	1A
P-301	11-EG-V013		1.20"-HBC-CK-SELF	ANCHR/DARL	FSAR3.9,PB4	EG	RB104					1A	1A
P-301	11-EG-V016		1.20"-HBC-CK-SELF	ANCHR/DARL	FSAR3.9,PB4	EG	RB104					1A	1A
P-301	11-EG-V019		1.20"-HBC-CK-SELF	ANCHR/DARL	FSAR3.9,PB4	EG	RB104					1A	1A
P-301	11-EG-V029		1.30"-HBC-CK-SELF	ANCHR/DARL	FSAR3.9,PB4	EG	AB069					1A	1A
P-301	11-EG-V031		1.30"-HBC-CK-SELF	ANCHR/DARL	FSAR3.9,PB4	EG	AB069					1A	1A
P-301	11-EG-V730		1.8"-HBC-TCK-SELF	ANCHR/DARL	FSAR3.9,PB4	EG	AB104					1A	1A
P-301	11-EG-V731		1.8"-HBC-TCK-SELF	ANCHR/DARL	FSAR3.9,PB4	EG	AB105					1A	1A
P-301	11-EG-V732		1.8"-HBC-TCK-SELF	ANCHR/DARL	FSAR3.9,PB4	EG	AB104					1A	1A
P-301	11-EG-V733		1.8"-HBC-TCK-SELF	ANCHR/DARL	FSAR3.9,PB4	EG	AB105					1A	1A
P-303A	11-EG-V704		1.2"-EBA-CK-SELF	ROCKWELL	FSAR3.9,PB4	EG	RB057					1A	1A
P-303A	11-EG-V705		1.2"-EBA-CK-SELF	ROCKWELL	FSAR3.9,PB4	EG	RB057					1A	1A
P-303A	11-EG-V706		1.2"-EBA-CK-SELF	ROCKWELL	FSAR3.9,PB4	EG	RB057					1A	1A
P-303A	11-EG-V707		1.2"-EBA-CK-SELF	ROCKWELL	FSAR3.9,PB4	EG	RB059					1A	1A
P-301	11-EP-V003		1.6"-HEC-FCK-SELF	ANCHR/DARL	FSAR3.9,PB4	EP	IS086					1A	1A
P-301	11-EP-V010		1.6"-HEC-FCK-SELF	ANCHR/DARL	FSAR3.9,PB4	EP	IS086					1A	1A
P-301	11-EP-V016		1.6"-HEC-FCK-SELF	ANCHR/DARL	FSAR3.9,PB4	EP	IS086					1A	1A
P-301	11-EP-V023		1.6"-HEC-FCK-SELF	ANCHR/DARL	FSAR3.9,PB4	EP	IS086					1A	1A
P-301	11-FC-V003		1.10"-HBB-TCK-SELF	ANCHR/DARL	FSAR3.9,PB4	FC	RB081					1A	1A
P-303A	11-FC-V010		1.2"-EBA-CK-SELF	ROCKWELL	FSAR3.9,PB4	FC	RB061					1A	1A
P-301	11-FD-V004		1.20"-HBB-TCK-SELF	ANCHR/DARL	FSAR3.9,PB4	FD	RB089					1A	1A

ATTACHMENT 3

TABLE 3.9-16
NSSF ACTIVE PUMPS

Component Name	Identification as Shown on Applicable Figures
RHR pump	1A-P202 1B-P202 1C-P202 1D-P202
RCIC pump	10-P203
HPCI main pump	10-P204
Core spray pump	1A-P206 1B-P206 1C-P206 1D-P206
Standby liquid control pump	1A-P208 1B-P208
HPCI auxiliary oil pump	10-P213 (10-5211) ⁽¹⁾
HPCI booster pump	10-P217
RCIC turbine main oil pump	1A-P271 (10-5212) 1B-P271
HPCI turbine main oil pump	1A-P272 (10-5211) 1B-P272

(1) Pump is located on skid noted in parentheses.

TABLE 2.9-18

Page 1 of 3

NON-NSSS ACTIVE PUMPS

<u>Component Name</u>	<u>Identification as Shown on Applicable Figures</u>
SACS pump	1A-P210 1B-P210 1C-P210 1D-P210
Fuel pool cooling pump	1A-P211 1B-P211
ECCS jockey pump	1A-P228 1B-P228 1C-P228 1D-P228
Control room chilled water circulation pump	1A-P400 1B-P400
Diesel fuel oil transfer pump	1A-P401 1B-P401 1C-P401 1D-P401 1E-P401 1F-P401 1G-P401 1H-P401
Motor-driven diesel fuel oil pump	1A-P402 (1A-G400) ⁽¹⁾ 1B-P402 (1B-G400) 1C-P402 (1C-G400) 1D-P402 (1D-G400)
Rocker arm motor-driven prelube pump	1A-P406 (1A-G400) 1B-P406 (1B-G400) 1C-P406 (1C-G400) 1D-P406 (1D-G400)
Lube oil keepwarm pump	1A-P407 (1A-G400) 1B-P407 (1B-G400) 1C-P407 (1C-G400) 1D-P407 (1D-G400)

HCGS PSAR

TABLE 3.9-18 (cont)

<u>Component Name</u>	<u>Identification as Shown on Applicable Figures</u>
Jacket water keepwarm pump	1A-P410 (1A-G400) 1B-P410 (1B-G400) 1C-P410 (1C-G400) 1D-P410 (1D-G400)
Water chiller oil pump	1A-P412 (1A-K400) 1B-P412 (1B-K400)
Water chiller pumpout pump	1A-P413 (1A-K400) 1B-P413 (1B-K400)
1E panel room chilled water pump	1A-P414 1B-P414
Water chiller oil pump	1A-P416 (1A-K403) 1B-P416 (1B-K403)
Water chiller pumpout pump	1A-P417 (1A-K403) 1B-P417 (1B-K403)
Station service water pump	1A-P502 1B-P502 1C-P502 1D-P502
Spray water booster pump	1A-P507 1B-P507 1C-P507 1D-P507
Rocker arm lube oil engine-driven pump	1A-P403 (1A-G400) 1B-P403 (1B-G400) 1C-P403 (1C-G400) 1D-P403 (1D-G400)
Engine-Driven diesel fuel oil pump	1A-P404 1B-P404 1C-P404 1D-P404
Engine-Driven fuel oil pump	1A-P405 1B-P405 1C-P405 1D-P405



HCGS FSAR

TABLE 3.9-18 (cont)

<u>Component Name</u>	<u>Identification as Shown on Applicable Figures</u>
Engine-Driven jacket water pump	1A-P408 (1A-G 400) 1B-P408 (1B-G 400) 1C-P408 (1C-G 400) 1D-P408 (1D-G 400)
Engine-Driven cooling water pump	1A-P411 1B-P411 1C-P411 1D-P411

(1) Pump is located on skid noted in parenthesis.

ATTACHMENT 4

NSSS ACTIVE VALVES

In response to questions raised by the NRC concerning differences between the list of active NSSS valves tabulated in FSAR Table 3.9-17 and in the Qualification Summary of Safety Related Active Pumps and Valves, the following resolution is offered:

<u>System</u>	<u>Valve Identification Number</u>	<u>Resolution</u>
1. Control Rod Drive Hydraulic Supply	F160AB F162A-D F163AB	These valves will be added to the Qualification Summary of Safety Related Active Pumps and Valves. They were inadvertently left out of the listing.
2. CRD - HCU	126, 127, 139	These valves are sub-Master Part List (MPL) level, and hence are not listed in the Qualification Summary of Safety Related Active Pumps and Valves, which is presented at the MPL level. These valves are qualified as part of the HCU qualification, MPL No. C11-D001.
	117	This valve no longer exists, and will be deleted from the FSAR Table.
3. RCIC Turbine	4282, 4283	These valves are sub-MPL level, and hence are not listed in the Qualification Summary of Safety Related Active Pumps and Valves, which is presented at the MPL level. These valves are qualified as part of the RCIC Turbine, MPL No. E51-C002.

NSSS ACTIVE VALVES

<u>System</u>	<u>Valve Identification Number</u>	<u>Resolution</u>
4. HPCI Turbine	4880, 4879	These valve are sub-MPL level, and hence are not listed in the Qualification Summary of Safety Related Active Pumps and Valves, which is presented at the MPL level. These valves are qualified as part of the HPCI Turbine, MPL No. E41-C002.