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**Jerry C. Roberts**  
Director  
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March 30, 2000

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

Subject: Grand Gulf Nuclear Station  
Unit 1  
Docket No. 50-416  
License No. NPF-29

GGNS Motor Operated Valve (MOV) Risk-Ranking Methodology

GNRO-2000/00022

Gentlemen:

On March 9, 2000, there was a conference call between Grand Gulf and NRC Staff to discuss the February 29, 2000, letter transmitted to the NRC regarding GGNS Motor Operated Valve Risk Ranking Methodology (GNRO-2000/00014). A request was made for GGNS to provide more information on Table 1, 'Comparison of GGNS to BWR E for BWROG Composite List of "High Risk" Ranked Valves'. Specifically, the request was to provide justification for the RCIC valve and RHR valve ranking differences noted between GGNS and the BWR E plant. The requested information is provided in revised Table 1 attached.

This letter contains no new commitments. If you have any questions, please contact Rita R. Jackson at (601) 437-2149.

Yours truly,

A handwritten signature in black ink, appearing to read "J. Roberts".

JCR/RRJ

attachment: Table 1. Comparison of GGNS to BWR E for BWROG Composite List of  
"High Risk" Ranked Valves

cc: (See Next Page)

March 30, 2000  
GNRO-2000/00022  
Page 2 of 2

cc: Ms. J. L. Dixon-Herrity, GGNS Senior Resident (w/a)  
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Table 1. Comparison of GGNS to BWR E for BWROG  
Composite List of "High Risk" Ranked Valves

BWROG Composite List of High Valves	Valve	GGNS	BWR E	COMMENTS
		Rank	Rank	
HPCI (HPCS) Injection Valve	E22F004	H	M	
HPCI Steam Inlet Valve	N/A	N/A	N/A	
HPCI (HPCS) Torus (Suppression Pool) Suction	E22F015	M	M	
HPCI Steam Line Isolation	N/A	N/A	N/A	
RCIC Injection	E51F013	M	M	
RCIC Steam Inlet	E51F045	M	M	
RCIC Torus (Suppression Pool) Suction	E51F031	L	M	See Note 1 below.
RCIC Lube Oil Cooling	E51F046	M	M	
RCIC Steam Line Isolation	E51F063, E51F064	L	L	
RHR Suppression Pool Suction	E12F004A/B	L	L	
RHR Containment Spray Valve	E12F028A/B	L	N/A	BWR E does not have Containment Spray
RHR Suppression Pool Cooling Return Valve	E12F024A/B	L	H	Containment heat removal is more important at BWR E because containment failure can lead to loss of injection. This failure mode is not as important to GGNS.
RHR C Test Return	E12F021	L	L	
RHR Heat Exchanger Service Water Supply	P41F014A/B	M	H	Same comment as valves E12F024A/B
RHR Shutdown Cooling Suction from Vessel	E12F006A/B	L	L	
Containment Isolation - Equipment Drains	P45F096,097 P45F273,274	L		
LPCS Injection	E21F005	L	L	
LPCI (RHR) Injection	E12F042A/B/C	H	L	
Service Water Pump Discharge	P41F001A/B	H	H	
Service Water Train Discharge (Return to Tower)	P41F005A/B P41F011	H		Corresponding valves could not be identified.
Service Water Non-essential Load Isolation (SSW to IA Compressor)	P41F154,155A/B	L	L	
Service Water - DG Jacket Cooler	P41F018A/B	M		Corresponding valves could not be identified.
RBCCW Drywell Supply/Return Isolation	P42F114 P42F116 P42F117	L	L	

Note 1. The RCIC SP suction has a lower importance than other RCIC motor operated valves because it is demanded after RCIC has operated for a period of time (approximately six to eight hours) with the condensate storage tank as its suction source. This time period allows for credit of recovery actions (i.e., recovery of offsite power or alignment of firewater as an injection source) which lowers the importance of this valve.