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P. O. BOX 1640, JACKSON, MISSISSIPPI 39205

May 7, 1982

NUCLEAR PRODUCTION DEPARTMENT

U. S. Nuclear Regulatory Commission
Office of Nuclear Reactor Regulation
Washington, D. C. 20555

Attention: Mr. Harold R. Denton, Director

Dear Mr. Denton:

SUBJECT: Grand Gulf Nuclear Station
Units 1 and 2
Docket Nos. 50-416 and 50-417
File: 0260/0862/L-334.0
Proposed Revisions to FSAR Table 5.2-5
AECM-82/204



Attached are responses or clarifications pertaining to an issue discussed in the Final Safety Analysis Report (FSAR). The attachment addresses the following:

Revised FSAR Table 5.2-5

Regarding revisions to the Grand Gulf FSAR, the last FSAR amendment scheduled prior to the projected fuel load has been submitted (Amendment 55, 4/19/82). Thus, the incorporation of any proposed FSAR revisions, as identified in the attachment, will be made pending agreement between MP&L and NRC Project Management on the appropriate procedures required for post-operating license FSAR amendments.

If additional information is required, please advise.

Yours truly,

L. F. Dale
Manager of Nuclear Services

JHS/JGC/JDR:rg

Attachment

cc: See next page

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PDR ADOCK 05000416
A PDR

cc: Mr. N. L. Stampley (w/o)
Mr. R. B. McGehee (w/o)
Mr. T. B. Conner (w/o)
Mr. G. B. Taylor (w/o)

Mr. Richard C. DeYoung, Director (w/o)
Office of Inspection & Enforcement
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Mr. J. P. O'Reilly, Regional Administrator (w/a)
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101 Marietta St., N.W., Suite 3100
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TABLE 5.2-5

RCPB PUMP & VALVE DESCRIPTION

<u>Location</u>	<u>Active/ Inactive</u>	<u>Valve No.</u>	<u>Isolation Signal</u>	<u>Maximum Closure Time</u>
RHR (LPCI)	Active	E12F041	AO check	Instantaneous
	Active	E12F042	Remote manual	N/A
	Inactive	E12F039	Local Manual	N/A
RHR Head Spray	Inactive	E12F019	Simple Check	Instantaneous
	Active	E12F023	IVCS	90 sec
	Active	E51F066	AO check	Instantaneous
RHR Shutdown Cooling-Suction	Active	E12F009	IVCS	29 sec
	Active	E12F008	IVCS	29 sec
	Inactive	E12F010	Local Manual	N/A
	Active	E12F308	Simple check	Instantaneous
MSIV	Active	B21F022/028	IVCS	3-5 sec
Main Steam S/R Valve	Active	B21F041/ 047/051	AO	Remote manual*
*Safety relief valves must be fully open within 0.25 seconds to perform safety related functions (power mode).				
Feedwater In	Active	B21F010	Simple check	Instantaneous
	Active	B21F032	AO check	Instantaneous
	Inactive	B21F011	Local Manual	N/A
Main Steam Drain Inboard	Active	B21F016	IVCS	15
	Active	B21F019	IVCS	15
	Inactive	B21Fi21	Local Manual	N/A
Main Steam Drain Outboard	Active	B21F067	IVCS	6.1
Vessel Head Vent	Inactive	B21F001	Remote Manual	N/A
	Inactive	B21F002	Remote Manual	N/A
	Inactive	B21F005	Remote Manual	N/A
RCIC Steam Supply	Active	E51F063	IVCS	20 sec
	Active	E51F076	IVCS	29 sec
	Active	E51F064	Remote manual	20 sec
HPCS In	Active	E22F005	AO check	Instantaneous
	Active	E22F004	Remote manual	N/A
	Inactive	E22F036	Local manual	N/A
	Inactive	E22F240	Local Manual	N/A

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TABLE 5.2-5 (Cont.)

<u>Location</u>	<u>Active/ Inactive</u>	<u>Valve No.</u>	<u>Isolation Signal</u>	<u>Maximum Closure Time</u>
LPCS In	Active	E21F006	A0 check	Instantaneous
	Active	E21F005	Remote manual	N/A
	Inactive	E21F007	Local Manual	N/A
Standby Liquid Control In	Active	C41F007	Simple check	Instantaneous
	Active	C41F006	Simple check	Instantaneous
	Active	C41F004	Remote manual	N/A
	Inactive	C41F008	Local Manual	N/A
Reactor Water Cleanup System	Active	G33F001	IVCS	30 sec
	Active	G33F004	IVCS	30 sec
	Inactive	G33F103	Local Manual	N/A
	Inactive	G33F100	Remote manual	N/A
	Inactive	G33F106	Remote manual	N/A
	Inactive	G33F102	Remote manual	N/A
	Inactive	G33F101	Remote manual	N/A
	Active	G33F250	IVCS	30 sec
	Active	G33F251	IVCS	30 sec
Recirculation Pump Suction	Inactive	B33F023	Remote manual	N/A
	Inactive	B33F051	Local Manual	N/A
	Inactive	B33F052	Local Manual	N/A
Reactor Vessel Drain	Inactive	B33F029/F030	Local manual	N/A
Pump Discharge (Flow Control)	Inactive	B33F060	Remote Manual	N/A
Pump Discharge	Inactive	B33F067	Remote manual	N/A
	Inactive	B33F059	Local Manual	N/A
	Active	B33F019	IVCS	19
	Active	B33F020	IVCS	19
Pump Seal Injection	Active	B33F013	Stop Check	Instantaneous
	Active	B33F017	Stop Check	Instantaneous
	Inactive	B33F014	Local Manual	N/A
Reactor Post- Accident Sampling	Active	B33F125	Remote Manual	N/A
	Active	B33F126	Remote Manual	N/A

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TABLE 5.2-5 (Cont.)

<u>Location</u>	<u>Active/ Inactive</u>	<u>Valve No.</u>	<u>Isolation Signal</u>	<u>Maximum Closure Time</u>
MSIV Leakage Control	Active	E32F001	Remote Manual	N/A
Feedwater Leakage Control	Active Active	E38F001 E38F002	Remote Manual Stop Check/Instantaneous	N/A

Pump Description

Recirculation Pump Inactive

IVCS = reactor low water level

NOTE: Local manually-operated valves, 1" or smaller, are not listed. These include vent, drain, test connection, and instrument root isolation valves.