



# MISSISSIPPI POWER & LIGHT COMPANY

*Helping Build Mississippi*

P. O. BOX 1640, JACKSON, MISSISSIPPI 39205

PRODUCTION DEPARTMENT

June 30, 1982

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  
Unit One  
Docket No. 50-416  
License No. NPF-13  
File 0290/L-860.0  
Revision to Startup Test Program  
AECM-82/302

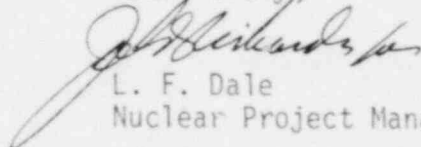
In a recent review of the startup test program as described in the Grand Gulf Final Safety Analysis Report (FSAR), Chapter 14, an administrative error was noted in FSAR Table 14.2-3. This table indicates that testing of the recirculation flow control system (test STI No. 29) is required under cold plant conditions. In fact, this test is applicable only to heat up and Test Conditions 1, 2, 3, and 5. This change was approved for FSAR Amendment 55 but was inadvertently deleted prior to submittal to the NRC.

This change is considered to be administrative in nature. However, your review and approval are requested due to the sensitivity of modifications to the startup test program, as discussed in operating license condition 2.C(40).

You will be advised at a later date of additional changes to this table (originally intended for FSAR Amendment 55) with appropriate justification.

Please advise if further information is required.

Yours truly,



L. F. Dale  
Nuclear Project Manager

JGC/JDR:nll  
Attachment

*Boo!*

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Office of Inspection and  
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U. S. Nuclear Regulatory Commission  
101 Marietta St., Suite 3100  
Atlanta, GA 30303

TABLE 14.2-3  
STARTUP TEST PROGRAM

STI NO.	TEST NAME	COLD TEST OR HEAT UP	HEAT UP	TEST CONDITIONS						VARIANTS
				1	2	3	4	5	6	
1	Chemical & Radiochemical	X	X	X		X		X	X	
2	Radiation Measurements	X	X	X		X			X	
3	Fuel Loading	X								
4	Full Core Shutdown Margin	X			X	X			X	
5	CRD	X	X							
6	CRP Perf. & Control Rod Seq.	X	X	X				X		
8	Rod Sequence Exchange									
10	TRM Performance	X	X	X						
11	Logic Calibration		X			X			X	
12	APM Calibration		X	X	X	X		X	X	X
13	Process Computer	X	X	X <sup>3</sup>					X	
14	NOIC		X		X					
16	Selected Process Temperatures		X	X	X	X	X		X	
17	System Expansion	X	X	X		X			X	
18	Core Power Distribution					X			X	
19	Core Performance		X	X	X	X	X	X	X	X
20	Steam Production									X
21	Core Power-Void Mode Response				X		X	X		
22	Pressure Controller: Set Point Changes		X <sub>1</sub> BP	X	X <sub>1</sub> no BP	X	X	X	X <sub>1</sub> A	
23	FW System: FI Pump Trip								N <sup>14</sup>	
	Water Level Set Point Change			X	X	X	X	X	X <sub>1</sub> A	
	Heater Loss								X <sub>1</sub> 2	
	Maximum Runout Capability					X				
24	Turbine Valve Surveillance					X <sup>4</sup>		X <sup>5</sup> SP	X <sup>7</sup> 8, SP	
25	WIVs: Each Valve		X	X <sup>1</sup> SP						
	One Valve			X <sup>4</sup> SP	X <sup>4</sup> SP	X		X <sup>5</sup> 8, SP		
	Full Isolation								X <sup>2</sup> , 6, 13, SD	
26	Relief Valves: Flow Demonstration Operational		X <sup>13</sup>	X <sup>4</sup> , 13	X <sup>4</sup>					
27	Turbine Stop Valve Trip and Generator Load Rejection				X <sup>19</sup>	X			X <sup>2</sup> , SD	
28	Shutdown From Outside C Room		X		X <sub>1</sub> 2, SP					
29	Recirculation Flow Control System		X	X	M <sup>4</sup> 1A <sup>4</sup>	M <sub>1</sub> A <sup>14</sup>		M <sup>5</sup> 1A <sup>5</sup>		