

Supplementary Information to
LER 83-143/01 X-1

Mississippi Power & Light Company
Grand Gulf Nuclear Station - Unit 1
Docket No. 50-416

Technical Specification Involved: 3.3.7.1
Reported Under Technical Specification: 6.9.1.12.b

Event Narrative

On September 28, 1983, with the reactor in Startup (5.2 MWT), the Chemistry Supervisor reported to Operations that the Component Cooling Water Process Radiation Monitor sample pump was not operating. The sample pump was found switched off and was immediately started. It cannot be determined why the pump was switched off.

Although the monitor has a Hi/Lo flow rate alarm, the secured pump was not detected initially because the alarm is a common alarm with the Hi/Lo flow rate alarm for three other monitors and one of them was out of service giving a constant alarm condition. To prevent recurrence, a modification is being made to the alarm circuit to provide four separate alarms instead of the common alarm. Until this modification is completed, pump operation will be monitored as part of the Auxiliary Building shift rounds log to ensure that Technical Specifications are not violated. This is a final report.



MISSISSIPPI POWER & LIGHT COMPANY

Helping Build Mississippi

P. O. BOX 1640, JACKSON, MISSISSIPPI 39205

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February 14, 1984

NUCLEAR PRODUCTION DEPARTMENT

U.S. Nuclear Regulatory Commission
Region II
101 Marietta St., N.W., Suite 2900
Atlanta, Georgia 30303

Attention: Mr. J. P. O'Reilly, Regional Administrator

Dear Mr. O'Reilly:

SUBJECT: Grand Gulf Nuclear Station
Unit 1
Docket No. 50-416
License No. NPF-13
File: 0260/L-835.0
Update Report - Component Cooling
Water Process Radiation Monitor
Sample Pump Found Not Operating
as Required
LER 83-143/01 X-1
AECM-84/0042

This letter submits an update to a previous report submitted on October 11, 1983. The event for which the report was submitted occurred on September 28, 1983, with the reactor in Startup, when the Chemistry Supervisor reported finding the Component Cooling Water Process Radiation Monitor sample pump not operating. The pump was immediately restarted. This was reported pursuant to Technical Specification 6.9.1.12.b.

Our investigation into the cause of the event is complete. A modification is being made to prevent event recurrence. Interim corrective action has been implemented to prevent recurrence prior to the modification being completed. This is a final report. Attached is LER 83-143/01 X-1.

Yours truly,

L. F. Dale
Manager of Nuclear Services

EB3/SHH:rg
Attachment

cc: See next page

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