

Page 1 of 2

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

PHONE: _____

SUPPLEMENTARY INFORMATION TO
LER 83-021/01 T-1

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

Technical Specification Involved: 4.6.6.1.6.2
Reported Under Technical Specification: 6.9.1.12.b

Event Narrative:

During performance of the Process Radiation Monitoring System Preoperational Test, it was noted that the radiation monitoring flow instrumentation for the Standby Gas Treatment System (SGTS) did not agree with the SGTS filter train exhaust flow indication. On May 19, 1983, it was determined that the filter train exhaust flow instrumentation was in error.

This error was a result of incorrect calibration ranges which were based on postulated worst case conditions (approximately 162°F) rather than standard conditions. Due to this error, the flow instrumentation indicated a flow of approximately 29 (twenty-nine) percent lower than what actually existed. As a result, the Standby Gas Treatment System has not met the Technical Specification limit of 4,000 cfm maximum continuous exhaust flow as required by Technical Specification 4.6.6.1.6.2.

The SGTS is not required to be operable in the present operational condition (Cold Shutdown). The system was considered operable, however, during previous applicable plant operations. Therefore, the event is being reported pursuant to Technical Specification 6.9.1.12.b. Based on analysis performed on the SGTS from July 14, 1982, to present, no releases of radioactive material other than natural background have been detected.

The instruments have been recalibrated and preliminary test show the instruments to be reading proper flow. Performance of the operability surveillance is pending approval of a Technical Specification change requested in PCOL-83/12 which revises the 0.25 inches of vacuum water gauge required to 0.266 inches. The system will be restored to operability prior to entrance into an operational condition requiring secondary containment. This is submitted as a final report.



MISSISSIPPI POWER & LIGHT COMPANY

Helping Build Mississippi

P. O. BOX 1640, JACKSON, MISSISSIPPI 39205

July 18, 1983

JAMES P. MCGAUGHY, JR.
VICE PRESIDENT

Office of Inspection & Enforcement
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 - Standby Gas
Treatment System Flow
Monitoring Instrumentation
Reading in Error
LER 83-021/01 T-1
AECM-83/0403

This letter submits an update to a previous report submitted on June 2, 1983. The event for which the report was submitted occurred on May 19, 1983, when it was determined that the Standby Gas Treatment System flow monitoring instrumentation was reading in error such that the indicated flow was lower than the actual flow. This was due to an error made during initial calibration of the instrumentation. Therefore, the operability requirements of Technical Specification 4.6.6.1 (flow rate limits) were not met during applicable operational conditions.

The instruments have been recalibrated and preliminary tests show the instruments to be reading proper flow. Performance of the operability surveillance is pending approval of a Technical Specification change request which revises the 0.25 inches of vacuum water gauge required to 0.266 inches. The system will be restored to operability prior to entrance into an operational condition requiring secondary containment. Attached is LER 83-021/01 T-1, which is a final report.

Yours truly,

L. P. McGaughy
for J. P. McGaughy

JPM:sap
Attachment

cc: (See Next Page)

MISSISSIPPI POWER & LIGHT COMPANY

AECM-83/0403

Page 2

cc: Mr. J. B. Richard (w/a)
Mr. R. B. McGehee (w/o)
Mr. T. B. Conner (w/o)
Mr. G. B. Taylor (w/o)

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

Document Control Desk (w/a)
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555