



MISSISSIPPI POWER & LIGHT COMPANY

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P. O. BOX 1640, JACKSON, MISSISSIPPI 39205

March 12, 1984

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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
Special Report 84-010/0 -
Division 2 Diesel Generator
Failure to Start
AECM-84/0160

While in Cold Shutdown on February 10, 1984, at 1747 hours, Diesel Generator 12 failed to start on a manual initiation signal from the Control Room. The start attempt was for maintenance operation following replacement of the engine's pushrods. The diesel generator was already inoperable due to it being under a maintenance clearance to perform the work. An LCO condition was in effect due to Diesel Generator 11 being removed from service at 1030 hours on February 10 for turbocharger bolt replacement.

The procedure addressing the adjustment of the hydraulic valve lifters contained an erroneous step which resulted in the improper adjustment of the lifters during replacement of the pushrods. This error resulted in the diesel generator's failure to start. The failure is considered invalid pursuant to position C.2.e.(7) of Regulatory Guide 1.108.

The valve lifters were adjusted correctly and Diesel Generator 12 was returned to service at 1645 hours on February 11. The procedure has been revised. The number of valid failures is one in the last 100 tests. The testing frequency is once per 31 days. This Special Report is submitted pursuant to Regulatory Guide 1.103.

Yours truly,

L. F. Dale
Manager of Nuclear Services

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cc: Mr. J. B. Richard
Mr. R. B. McGehee
Mr. T. B. Conner
Mr. G. B. Taylor

Mr. Richard C. DeYoung, Director
Office of Inspection & Enforcement
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