



MISSISSIPPI POWER & LIGHT COMPANY

Helping Build Mississippi

P. O. BOX 1640, JACKSON, MISSISSIPPI 39205

October 26, 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
License No. NPF-13
File: 0260/M-001.0
ADS Air System
Reference: AECM-82/490,
October 18, 1982
AECM-82/510

In AECM-82/490, Mississippi Power & Light Company (MP&L) responded to requests by the NRC's Equipment Qualification Branch for information relating to the design and testing of the automatic depressurization system (ADS) air system. During an October 25, 1982 conference call, the NRC requested additional information regarding system testing. This letter documents and supplements commitments made by MP&L during the call.

In addition to the tests discussed in AECM-82/490, MP&L commits to perform an integrated leak test on the ADS air system every 18 months. Furthermore, prior to startup following the first refueling outage, MP&L will install instrumentation to monitor ADS air receiver pressure. The details of the system leak test, the type and location of instrumentation readouts, and appropriate proposed Technical Specifications are being developed. Therefore, MP&L has decided to document the above commitments in this letter in order to support the SSER 4 schedule and will provide the necessary details later in time to support implementation of the changes prior to startup following the first refueling outage.

Until the above proposed Technical Specifications can be developed and the instrumentation installed, interim plant operation is justified for the following reasons:

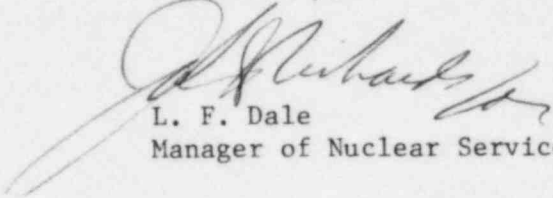
1. Successful completion of the ADS air system pre-operational test will ensure a system capable of meeting design requirements.
2. System components will be in their first cycle of operation and can be expected to be relatively leak free.
3. Instrument air system alarms on the discharge of the booster compressors (see FSAR Figure 9.3-1) will give the control room operator an indication of a problem that may lead to loss of ADS air system pressure.

Boo!

MISSISSIPPI POWER & LIGHT COMPANY

With the commitments provided above, MP&L considers this issue resolved for full power licensing. If you have any further questions, please do not hesitate to contact us.

Yours truly,



L. F. Dale
Manager of Nuclear Services

MJD/JGC/JDR:sap

cc: Mr. N. L. Stampley
Mr. R. B. McGehee
Mr. T. B. Conner
Mr. G. B. Taylor

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