



MISSISSIPPI POWER & LIGHT COMPANY

Helping Build Mississippi

P. O. BOX 1640, JACKSON, MISSISSIPPI 39205

December 20, 1983

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
Unit 1
Docket No. 50-416
License No. NPF-13
File 0260/16684/15180
Containment Isolation Valve
Leakage Testing
AECM-83/0774

In response to Nuclear Regulatory Commission (NRC) Containment Systems Branch (CSB) concerns, Mississippi Power & Light (MP&L) transmitted to the NRC via AECM-83/540, dated September 12, 1983, information to support delaying the pneumatic leakage rate testing of certain Containment Isolation Valves which were previously not identified as requiring pneumatic testing.

Attachment 1 to this letter stated that, "The total leakage from the initial primary containment type B and C pneumatic tests amounted to 15% of the allowable leakage of 0.6 L_a, specified in Appendix J to 10CFR 50." The 15% value, however, was based on preliminary calculations and subsequent calculations using the SCFH/weight percent per day correlation presented in Attachment 1 to AECM-81/510, dated December 31, 1981, yield a value of approximately 27% of the 0.6 L_a allowable leakage rate.

Although the 27% value is somewhat higher than the initial 15% value presented in the above referenced letter, there still exists a large margin between the total measured leakage and the allowable leakage of 0.6 L_a. Therefore, we consider the initial justification for delayed pneumatic testing still valid and no further justification need be provided unless requested.

If you have any further questions, please contact us.

Yours truly,

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PDR ADOCK 05000416
P PDR

L. F. Dale

L. F. Dale
Manager of Nuclear Services

JOF/SHH:sap
Attachment

cc: (See Next Page)

Member Middle South Utilities System

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MISSISSIPPI POWER & LIGHT COMPANY

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)
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