



MISSISSIPPI POWER & LIGHT COMPANY

Helping Build Mississippi

P. O. BOX 1640, JACKSON, MISSISSIPPI 39205

NUCLEAR PRODUCTION DEPARTMENT

June 11, 1982

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
File 0272/0756/L-860
Effects of Pressure in the
Drywell from Hydrogen Burn
AECM-82/271

In response to informally transmitted concerns of the Structural Engineering Branch Reviewer, Dr. C. P. Tan, Mississippi Power & Light Company is submitting information regarding drywell head negative pressure capacity. This letter supplements the information transmitted via AECM-82/118, dated March 31, 1982, and confirms information provided to Dr. Tan on June 10, 1982.

Vendor calculations (reference W. T. Woolley Company transmittal letter no. 1053-391, dated June 6, 1981) indicate that the static capacity of the drywell head is 89 psi. This capacity is based upon specified material properties at yield.

If you have any further questions, please contact this office.

Yours truly,


L. F. Dale

Manager of Nuclear Services

NSM/JGC/JDR:mmm

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

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

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