



MISSISSIPPI POWER & LIGHT COMPANY

Helping Build Mississippi

P. O. BOX 1640, JACKSON, MISSISSIPPI 39205

October 14, 1982

NUCLEAR PRODUCTION DEPARTMENT

U. S. Nuclear Regulatory Commission
Office of Nuclear Reactor Regulation
Washington, D. C. 20555

Attention: Mr. Harold R. Denton, Director

SUBJECT: Grand Gulf Nuclear Station
Units 1 and 2
Docket Nos. 50-416 and 50-417
License No. NPF-13
File: 0260/L-814.2
SQRT Qualification of
Thermocouples Affected by
Variable Pool Swell Loads -
SSER 3, Section 3.10
AECM-82/477

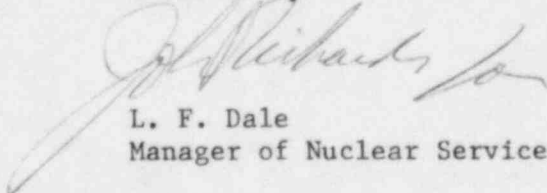
The qualification testing of thermocouples discussed in SSER 3, Section 3.10 has been completed, and Mississippi Power & Light Company (MP&L) has obtained copies of the Test Response Spectra (TRS), in advance of the publication of the final test report. A comparison of the TRS to the Required Response Spectra (RRS), which includes the effect of variable pool swell loads, shows that the TRS envelopes the RRS in both the horizontal and vertical directions for the faulted condition.

Therefore, MP&L considers the thermocouples listed in AECM-82/314 (including 1M71-TE-N025A, B, C, D which were inadvertently omitted) to be qualified for seismic and hydrodynamic loads, including variable pool swell. Additionally, MP&L feels that this correspondence closes the thermocouple issue in SSER 3, Section 3.10.

When the final test report is received from the vendor, it will be reviewed in accordance with MP&L's SQRT program procedures. The results of the review will be documented and filed, accordingly.

If you have any questions, please do not hesitate to contact us.

Yours truly



L. F. Dale
Manager of Nuclear Services

MJD/JDR:sap

cc: (See Next Page)

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