



MISSISSIPPI POWER & LIGHT COMPANY

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P. O. BOX 1640, JACKSON, MISSISSIPPI 39205

PRODUCTION DEPARTMENT

May 9, 1980

Office of Inspection & Enforcement
U. S. Nuclear Regulatory Commission
Region II
101 Marietta Street, N.W., Suite 3100
Atlanta, Georgia 30303

Attention: Mr. J. P. O'Reilly, Director

Dear Mr. O'Reilly:

SUBJECT: Grand Gulf Nuclear Station
Units 1 and 2
Docket Nos. 40-416 and 40-417
File 0272/15525/15526
PRD-80/19, Status Report,
Rosemount Model 1151A
Pressure Transmitters
AECM-80/98

On April 11, 1980, Mississippi Power & Light Company notified Mr. F. Cantrell of your office of a Potentially Reportable Deficiency (PRD) at the Grand Gulf Nuclear Station (GGNS) construction site. The deficiency concerns erroneous output readings noted in Model 1151A pressure transmitters supplied by Rosemount, Inc. This condition was reported to the NRC pursuant to the requirements of 10CFR21 by Bechtel Power Corporation in their letter dated April 24, 1980.

Rosemount Model 1151A transmitters are specified to have a linear output of 4 to 20 MA throughout the calibrated range. Rosemount has observed, in a limited number of transmitters, that when over-ranged at 140% of the instrument's upper calibrated limit, the output current will fall below 20 MA. Similarly, if the transmitter's under-ranged condition exceeds 100% of the calibrated span, the transmitter output may be greater than 4 MA.

Our preliminary findings indicate that the defective transmitters, if employed in safety applications, would have adverse affects on plant

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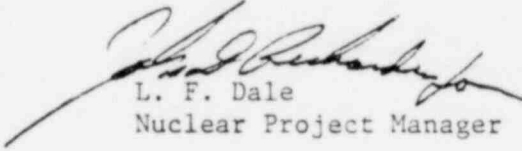
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operation. The application of this component at GGNS and extent of use, if any, remains under investigation.

We expect to provide our final report and determination of reportability on this matter no later than July 31, 1980. This condition is being tracked under PRD-80/19 and Bechtel Management Corrective Action Report (MCAR)-GGNS No. 72.

Yours truly,


L. F. Dale
Nuclear Project Manager

JGC/JDR:ls

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

Mr. Victor Stello, Jr., Director ✓
Division of Inspection & Enforcement
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

bcc: Dr. D. C. Gibbs
Mr. A. Zaccaria
Mr. J. N. Ward
Mr. D. M. Lake
Mr. W. L. Nail
Mr. J. P. McGaughy
Mr. T. E. Reaves
Mr. C. K. McCoy
Mr. J. W. Yelverton
Mr. A. R. Smith
Mr. Tom Houghton
Mr. M. D. Hunt
File