



MISSISSIPPI POWER & LIGHT COMPANY

Helping Build Mississippi

P. O. BOX 1640, JACKSON, MISSISSIPPI 39205

Victor Stello

NUCLEAR PRODUCTION DEPARTMENT

July 30, 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. 50-416/417
File 0260/15525/15526
PRD-80/14, Status Report #2,
Reactor Pressure Vessel
Feedwater Nozzle Deficiency
AECM-80/171

On April 7, 1980, Mississippi Power & Light Company notified Mr. F. Cantrell of your office of a Potentially Reportable Deficiency (PRD) at the Grand Gulf Nuclear Station construction site. The deficiency concerns certain indications revealed during a liquid penetrant examination of the inner bore region of the N4-A Feedwater Nozzle on the Unit 1 Reactor Pressure Vessel (RPV). This examination was performed as an augmented inservice inspection, pursuant to the requirements of NUREG-0312.

Two areas of indications have been identified. One area has been evaluated as acceptable per ASME Section III, NB-2546.3, 1974 Edition and applicable addenda. The second area, however, was evaluated as unacceptable per ASME Section III, NB-2546.3(b)(4), 1974 Edition and applicable addenda.

The NSSS supplier has issued Field Deviation Disposition Request (FDDR) JBI-216 to remove the indications by grinding. The corrective action has not been performed because personnel have not had access to the vessel. Repairs are scheduled to be completed by mid-September.

Our evaluation of the significance of the deficiency, had it remained uncorrected, is contingent on the extent of the indications which can only be determined after the corrective action is complete. Therefore, we cannot determine reportability at this time.

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MISSISSIPPI POWER & LIGHT COMPANY

Mr. J. P. O'Reilly
NRC

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We expect to determine reportability and submit a final report
by November 12, 1980.

Yours truly,



for J. P. McGaughy, Jr.
Assistant Vice President,
Nuclear Production

ATR:mt

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

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