



MISSISSIPPI POWER & LIGHT COMPANY

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July 3, 1979

PRODUCTION DEPARTMENT

U. S. Nuclear Regulatory Commission
Region II
101 Marietta Street, Suite 3100
Atlanta, Georgia 30303

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

Gentlemen:

SUBJECT: Grand Gulf Nuclear Station
File: 0272/0494/15521
Units 1 and 2
RII: WHM
50-416,417/79-10
IE Inspection Report 79-10
May 7-10, 1979
AECM-79/70

The attached corrective actions are submitted in response to your letter dated June 5, 1979, transmitting the IE Inspection Report for the May 7-10, 1979 inspection.

We find no proprietary data contained therein.

Yours truly,

L. F. Dale
Nuclear Project Manager

JRF/pa
Attachment

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

Mr. John G. Davis, Director
Division of Inspection & Enforcement
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

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FIGURE 2.15-3

NP&L QUALITY ASSURANCE REVIEW SHEET
GGNS PROJECT MANUALS/DOCUMENTS

Part I - To be completed by the Administration Section

- ☐ Manual
☐ Document

Title IE Inspection Report 79-10;
May 7-10, 1979 AECM-79/70

Review Request Letter No.: INT-12 Date:

Review Due Date:

Part II - To be completed by Reviewer(s)

Approved by: W.E. Edge for T.E. Reeves, Jr. Date: 7/3/79
Manager of Quality Assurance

Reviewer's Signature W.E. Edge Date: 7/3/79

☒ No comments
☐ Comments

Reviewer's Signature Date:

☐ No comments
☐ Comments

Attach Additional Sheets if Necessary.
Return to Administration Section.

ATTACHMENT TO AECM-79/70

- 5a. Deviation item 416/79-10-01 and 417/79-10-01, "Substandard Fire Pump Suction Piping". The eccentric tapered reducer in the suction piping to the west diesel fire pump will be changed to conform to NFPA 20 Appendix. This should be accomplished by August 5, 1979. While the existing arrangement would function in a fully satisfactory manner, it does not fully agree with the recommended arrangement in NFPA 20, Appendix.
- 5b. Deviation item 416/79-10-02 and 417/79-10-02, "Unapproved Fire Doors and Fire Barriers of Fire Pump House". This item has been resolved. New fire doors bearing U.L., Class A Labels were installed June 29, 1979.
- 5c. Fire Pump-Automatic Sprinkler System. Deviation item 416/79-10-03 and 417/79-10-03, "Substandard Sprinkler Installation for Fire Pump House and Diesel Generator Building". We feel the present arrangement of the sprinklers over the diesel fire pump's oil hazard is adequate; however, we agree that extending sprinkler coverage over the entire room would be a more conservative approach and protect the structure under abnormal conditions such as plugged drains. Therefore, the sprinkler system will be extended to cover the entire rooms. This should be accomplished by September 4, 1979.

Diesel Generator Building-Sprinkler Systems. Deviation item 416/79-10-03 and 417/79-10-03, "Substandard Sprinkler System Installation for Fire Pump House and Unit 1 Diesel Generator Building". Sprinkler coverage has not been provided over the fuel oil day tanks. Sprinkler protection will be extended to adequately cover the hazards in the Unit 1 Diesel Generator Building. This should be accomplished by September 4, 1979.

The sprinkler alarm valve and supply piping to the Diesel Fire Pump Rooms are located in the non-sprinklered Electric Fire Pump Room. The area is cutoff from the oil hazards of the diesel pumps by a 3 hour fire wall, the doorwalls are curbed to prevent combustible liquids from entering under the doors, and the Electric Fire Pump Room contains no appreciable combustible loading. Therefore, we feel that the requirements of NFPA No. 13 are fully met. However, we will extend the existing riser sprinkler head to the ceiling as an additional precautionary measure. This should be accomplished by September 4, 1979.

- 5d. Deviation item 416/79-10-05, "Smoke Detection Systems Installation Deficiencies". The fire and smoke detection system will be evaluated to determine adequacy. The fire and smoke detection system is separate from the fire suppression systems in that separate detection devices and circuits are used to trip the suppression systems. Fire and smoke detectors are provided for early warning in some hazard areas. We feel that detectors have been located using good engineering judgement as required by the NFPA Code. Due to the special hazards in our facility, we feel that detection devices can not be located strictly on a spacing criterion. We will re-evaluate the existing or planned location of detectors to insure that all factors were considered and make any changes that may be necessary.