



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
REGION I  
101 MARIETTA ST., N.W., SUITE 3100  
ATLANTA, GEORGIA 30303

Report Nos. 50-416/81-28, 50-417/81-12

Licensee: Mississippi Power and Light Co.

Facility Name: Grand Gulf, Unit 1 and 2

Docket Nos. 50-416, 50-417

License Nos. CPPR 118, CPPR 119

Inspection at Grand Gulf site near Port Gibson, Mississippi

Inspector: T. D. Gibbons  
T. D. Gibbons

8/6/81  
Date Signed

Approved by: J. E. Conlon  
J. E. Conlon, Section Chief  
Technical Engineering Inspection Branch  
Engineering and Technical Inspection Division

8-6-81  
Date Signed

SUMMARY

Inspection on: July 21-24, 1981

Areas Inspected:

This routine, unannounced inspection involved 31 inspector-hours onsite in the areas of independent inspection licensee identified items and inspector followup items.

Results:

Of the areas inspected, no violations or deviations were identified.

## REPORT DETAILS

## 1. Persons Contacted

## Licensee Employees

- \*G. B. Rogers, Site Manager
- \*J. W. Yelverton, QA Supervisor
- \*B. C. Lee, QA Representative
- \*H. S. Pyle, QA Representative
- \*S. F. Tanner, QA Coordinator
- T. E. Reeves, QA Manager

## Other Organizations

- \*J. R. Valdez, QA Engineer, Bechtel Power Corporation

\*Attended exit interview

## 2. Exit Interview The inspection scope and findings were summarized on July 24, 1981, with those persons indicated in paragraph 1 above.

## 3. Licensee Action on Previous Inspection Findings

(Closed) Violation Level V 416/80-27-03 Control CTO Activities. The licensee has responded on January 19, 1981 and amended the response on July 24, 1981. The licensee has replaced the damaged hinge on motor operated valve number F009E12. The licensee has conducted training for all CTO personnel to assure that CTO is in full compliance to the procedures. The licensee QA group has audited the above training. The inspector examined the licensee's documentation of the item.

## 4. Unresolved Items

Unresolved items were not identified during this inspection.

## 5. Independent Inspection Efforts

The inspector examined the preparations for the sealing of fire seals in the auxilliary building floor. Three fire sealed conduits 1BAAHT10,11 and 12, were examined. The electrical raceway installation in the auxilliary building was examined for proper supports and identification. The inspector examined the storage and preservation of electrical equipment stored in place in Unit 2.

Within the areas examined there were no violations identified.

## 6. Licensee Identified Items

- a. (Closed) 416/79-24-02 Defective Topaz inverters. The licensee issued a final report on June 19, 1981. The inverters were modified by Field Disposition Instruction-WAMX and Field Deviation Disposition Request (FDDR) JB-1331. The inspector examined the installation of the required capacitors in cabinets H13-P625 and H13-P618.
- b. (Closed) 416/80-20-13 Electro Switch Malfunction. The licensee issued a final report on July 15, 1981. The licensee's contractor has replaced the incorrect switch. The inspector reviewed FDDR JB1-1068 which documents the change.
- c. (Closed) 416/81-05-10, 417/81-02-10. Damaged wiring in Henry Pratt Valves. The licensee submitted a final report on June 30, 1981. The licensee has determined that this item is not reportable. The inspector examined the reworked installation of valves Z51-F003, Z51-F004 and Z51-F010 and the supporting documentation. The inspector agrees with the licensee's disposition.
- d. (Closed) 416/80-23-03, 417/80-14-03. Calibration Services from Computer Sciences Corporation. The licensee submitted a final report on September 30, 1980. The licensee has determined that this is not reportable. The inspector examined the report and the backup documentation including the audit report of the close out audit conducted on April 14-17, 1981. The inspector agrees with the licensee's disposition. This item was tracked by 416/80-12-17 and 417/80-08-08 these numbers are also closed.
- e. (Closed) 416/81-05-05. Connector Extenders. The licensee issued a final report on June 12, 1981. The licensee has determined that this item is not reportable. The inspector reviewed the licensee's evaluation and agreed with the licensee's disposition. The inspector examined two connectors 710BC09J02 and 710B10J01 which have had the adapter removed. This item was tracked by 416/80-23-12 this number is also closed.
- f. (Closed) 416/80-27-01, 417/80-17-01. Limitorque Valve Operator Malfunction. The licensee issued a final report on January 16, 1981. The licensee has determined that this item is not reportable. The inspector examined the licensee's evaluation documentation and agreed with the licensee's disposition.
- g. (Closed) 416/81-28-02, 417/81-12-02. Unscheduled SIS cable pull. The licensee issued a final report on May 20, 1981. The licensee has determined that this item is not reportable. The inspector examined the licensee's evaluation and agreed with the licensee's disposition.

- h. (Closed) 416/81-28-03 Westinghouse Electrical Penetrations. The licensee has issued amended response dated June 11, 1981. The licensee has decided to replace all terminal strips with a new strip supplied and qualified by Conax. The inspector examined Work plan and inspection records Q1R60M07153Q06, Q1R60M07153Q07 and Q1R60M08153Q07, penetrations EP1Z004, 1Z012 and 1Z040 and Noncomformance reports 3888, 5178, 5225 and 5476.
- i. (Closed) 416/81-28-01, 417/81-12-01. Tuttle & Bailey Air Diffusers. The licensee issued a final report on July 2, 1981. The diffusers are being modified prior to installation. The inspector examined the diffusers and the revised drawing.
- j. (Closed) 416/81-05-08, 417/81-02-08. Oil Indicator Lines. The licensee issued a final report on January 7, 1981. The oil indicator lines have been relocated inside the tornado missile barrier. The inspector examined the installation on the north unit. This item was also tracked by 416/80-23-07 and 417/80-14-07. These numbers are also closed.

7. Inspector Followup Items:

(Closed) 416/80-22-01. Protection of instrument tubing for 1C61-LTN-402A. The licensee has reworked the tubing and instructed the construction forces in the necessity of protecting installed equipment.

(Closed) 416/79-18-01, 417/79-18-01. Evaluation, of 1EC 79-12. The licensee has evaluated the circular to be applicable to the HPCI diesel generator. The licensee is evaluating the vendors modification submitted.