



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

Report Nos. 50-416/79-18 and 50-417/79-18

Licensee: Mississippi Power and Light Company  
Jackson, Mississippi 39205

Facility Name: Grand Gulf

Docket Nos. 50-416 and 50-417

License Nos. CPPR-18 and CPPR-19

Inspection at Grand Gulf Site near Port Gibson, Mississippi

Inspector: T. E. Conlon for 9-6-79  
T. D. Gibbons Date Signed

Approved by: T. E. Conlon 9-6-79  
T. E. Conlon, Section Chief, RCES Branch Date Signed

SUMMARY

Inspection on August 21-24, 1979

Areas Inspected

This routine, unannounced inspection involved 24 inspector-hours onsite in the areas of electrical work and work activities, electrical quality records, licensee identified items, and inspector followup items.

Results

Of the areas inspected, no items of noncompliance or deviations were identified.

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## DETAILS

### 1. Persons Contacted

#### Licensee Employees

- \*T. E. Reeves, Manager of QA
- \*H. D. Morgan, Construction Supervisor
- \*J. C. Fuller, Acting QA Field Supervisor
- \*B. C. Lee, QA Representative

#### Other Organizations

- \*W. A. Shanks, G. E. Site Manager
- \*J. R. Valdez, QA Engineering Bechtel
- \*R. L. Scott, Project QA Manager Bechtel
- D. L. Thompson, G. E. QC Supervisor

\*Attended exit interview.

### 2. Exit Interview

The inspection scope and findings were summarized on August 24, 1979 with those persons indicated in Paragraph 1 above.

### 3. Licensee Action on Previous Inspection Findings

Not inspected.

### 4. Unresolved Items

Unresolved items were not identified during this inspection.

### 5. Independent Inspection Effort

The inspector observed the examination of cable connectors in the PGCC equipment. Two cable cards 1CGD31L and 1C3CE22A were reviewed to assure that the cable is traceable to the vendor records. The reels were identified to the supplier's (Okonite) reels 7382B and 55989. The file documentation included a certified test report, Bechtel QC inspections, Certificate of Compliance and a flame test report. The crimping tool which terminated cable 1BC3KP75P was verified to have been in calibration.

Within the areas examined there were no items of noncompliance identified.

### 6. Licensee Identified Item 50.55(e)

(Closed) 416/79-14-01 Fire extinguisher dry chemical accumulation on RPV internals. The General Electric (GE) Field Deviation Disposition Request (FDDR) JB1-148 has been dispositioned by GE Nuclear Energy Division. The disposition agreed with the site disposition which had been completed. It was noted that the analysis of the dry chemical powder was a manufacturer's

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analysis, therefore a site analysis was not performed. This item is closed.

7. Inspector Followup Items

- a. (Closed) 416/417/79-11-01: Subcontractor Welding. The inspector reviewed the QC inspection report documenting that there was no damage to the cables. Bechtel Quality Action Request (QAR) No. 124 required that the subcontractor reinstruct his personnel. This item is closed.
- b. (Open) 416/417/79-11-02: NSS equipment master parts list inconsistency. The licensee has issued DC&R 1130. Bechtel has issued QARF 12<sup>c</sup> which identified the problem. Several Correction Requests (CR) have been issued. The licensee, Bechtel and G. E. have held a meeting to clarify the requirements. This item remains open pending the closing of CR 2024.

8. Electrical (Components and Systems I) - Observation of Work and Work Activities (Unit 1)

The inspector conducted an examination of the installation of the High Pressure Core Injection diesel engine to assure that the QC instructions were complied with in the areas of receiving inspection, storage and handling. The diesel installation is not complete at this time. The licensee was informed that the diesel was one of the type identified in IE Circular 79-12. This will be inspector followup item 416/417/79-18-01 titled "IEC 79-12 Followup". Several cable terminations were examined for crimping.

Within the areas examined there were no items of noncompliance identified.

9. Electrical (Components and Systems) - Review of Quality Records

The inspector examined the receiving inspection records, GE Product Quality Certificate, vendor certificate of compliance, certified test reports, code certificates and electrical test reports on the two HPCI diesel engines. The purchase order 205-AD385 was issued by GE to specification M-001.1.

Within the areas examined there were no items of noncompliance identified.

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