



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

Report Nos. 50-416/79-11 and 50-417/79-11

Licensee: Mississippi Power and Light Company
Jackson, Mississippi 39205

Facility Name: Grand Gulf Nuclear Station

Docket Nos. 50-416 and 50-417

License Nos. CPPR-118 and CPPR-119

Inspection at Grand Gulf site near Port Gibson, Mississippi

Inspector: T. D. Gibbons 7/6/79
Date Signed

Accompanying Personnel: L. Soto, Mexican National Nuclear Safety and Safeguards Committee

Approved by: T. E. Conlon 7/6/79
T. E. Conlon, Section Chief, RCES Branch Date Signed

SUMMARY

Inspection on June 12-15, 1979

Areas Inspected

This routine, unannounced inspection involved 26 inspector-hours on-site in the areas of installed Electrical components and systems, work activities, and quality records. Part 21 report followup.

Results

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

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DETAILS

1. Persons Contacted

Licensee Employees

- *P. W. Sly, QA Field Supervisor
- *B. C. Lee, QA Representative
- *J. C. Fuller, QA Representative

*Attended exit interview

2. Exit Interview

The inspection scope and findings were summarized on June 15, 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 (Units 1 and 2)

The inspector conducted an examination of the installation of the following equipment: the emergency diesel generators, 4160 volt switchgear, 600 volt load centers and 600 volt motor control centers to assure compliance to QC instruction 9:1-8. During this inspection the licensee QA identified a subcontractor welder who was welding above a cable tray without covering the cables. The licensee's QA stopped work and had construction QA issue a Quality Action Request (QAR) number F124 which required inspection of the cables and that no recurrence action be documented. This will be inspector followup item identified as 416/417-79-11-01.

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

6. Electrical (Components and Systems II) Observation of Work and Work Activities (Unit 1)

The inspector selected three 125 volt Batteries (1B3, 1C3 and 1DA3), two 125V DC buses and distributors (1DB1 and 1DA1) and four 125V DC battery chargers (1B4, 1B5, 1DA4 and 1DA5) for examination to assure that the requirements of QC instructions have been complied with in the areas of receipt inspection, storage, handling, identification, installation, inspection, nonconformance control, protection, separation, calibration, procedure control, and inspector qualification.

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

7. Electrical (Components and Systems II) Review of Quality Records (Unit 1)

The equipment identified in paragraph 7 was selected for a records review to assure that QC Instructions were complied with in the areas of receiving inspection vendor inspection, certified test reports, storage, handling installation, installation inspections and maintenance action after installation.

An inspector followup item was identified during review of records for battery 1C3. The records contained a closeout on a Correction Request (CR) 991 which appeared to need clarification. The licensee had construction QA issue QAR 125 to clarify the closeout of CR 991 and investigate the possibility of other items with the same problem. The issue needing clarification was the quality classification on the NSS Contractors Master Parts List. The AE and NSS contractor are taking action to assure that the document is corrected. This item will be identified as 416/417-79-11-02; NSS equipment Master Parts List Inconsistency.

Twenty-one Nonconformance Reports (NCR) were reviewed to assure that they were current, complete, legible, retrievable and reviewed by QC. The NCRs reviewed were 3695, 3689, 3683, 3678, 3669, 3653, 3648, 3628, 3621, 3580, 3579, 3575, 3573, 3572, 3571, 3554, 3517, 3620, 3553, 3529 and 3534.

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

8. Licensee Identified Item (LII) Closed Control Switch Installation Without Locking Ring

The licensee contractor has completed the rework on the panels shipped to site. The work has been inspected by QC and the necessary documentation completed. The licensee in the final report dated August 15, 1978 required the vendor to install the locking rings during production of Unit 2 equipment and required the vendor to update QA requirements to prevent recurrence. This item is closed.