

U.S. NUCLEAR REGULATORY COMMISSION
OFFICE OF INSPECTION AND ENFORCEMENT

REGION III

Report No. 50-440/79-09; 50-441/79-09

Docket No. 50-440; 50-441

License No. CPPR-148; CPPR-149

Licensee: The Cleveland Electric Illuminating
Company
Post Office Box 5000
Cleveland, OH 44101

Facility Name: Perry Nuclear Power Plant, Units 1 and 2

Inspection At: Perry Site, Perry, OH

Inspection Conducted: October 2-5, 1979

Inspector:

J. Hughes
J. Hughes

10/18/79

Approved By:

F. L. Barrett for
D. W. Hayes, Chief
Engineering Support Section 1

10/18/79

Inspection Summary

Inspection on October 2-5, 1979 (Report No. 50-440/79-09; 50-441/79-09)

Areas Inspected: Installation and records for Class 1E switchgear. The inspection involved a total of 19 inspector-hours onsite by one NRC inspector.

Results: No items of noncompliance were identified.

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DETAILS

Persons Contacted

Principal Licensee Employees

- *G. W. Groscup, Manager, Nuclear Engineering Department
- *M. E. Edelman, Manager, Nuclear QA Department
- *A. L. Kaplar, GSE, Nuclear Construction
- *B. D. Walruth, PQE Supervisor
- *P. P. Martin, GSE, Program Quality Section
- *W. J. Kacer, CQS General Supervisor Engineer
- *S. P. Tulk, Lead Electrical Quality Engineer
- *T. J. Thompson, Electrical Quality Engineer

Other Personnel

- *D. A. Fitzpatrick, Site Construction Manager (KEI)
- *T. J. Arney, Quality Assurance Program Manager (GAI)
- *R. L. Vondrasek, CQE Supervisor (GAI)
- *P. L. Gibson, Quality Control Supervisor (KEI)
- R. Ross, Ernst-Comstock Quality Control Supervisor
- R. S. Love, Ernst-Comstock Quality Control Supervisor

The inspector also contacted other licensee and contractor employees including members of the quality, technical and engineering staffs.

*Denotes those who attended the exit interview.

Functional Areas Inspected

1. Installation of Class 1E Switchgear - Observation of Work Activities
 - a. The RIII inspector observed partially completed installation of Motor Control Centers (MCC) located in the Control Complex Building. The following was observed:
 - (1) Welding of the MCC's to the embedments.
 - (2) Installation and layout drawings in use were current revisions.
 - (3) The weldor's qualification was current.
 - (4) The completed fillet welds conformed to requirements.
 - b. The RIII inspector observed partially completed installation of the Power Generation Control Complex (PGCC) termination cabinets located in the control room. The following was observed:

- (1) Installation and layout drawings in use were current revisions.
- (2) The completed Nelson studs were installed to procedure requirements.

No items of noncompliance were identified.

2. Class 1E Switchgear Quality Records

- a. The RIII inspector reviewed Ernst-Comstock (E-C) installation checklist QA section 4.3.4 for the aforementioned switchgear. Checklists were not completed or signed off by the E-C QC inspector as work was not fully completed.
- b. The RIII reviewed QA documentation packages for the MCC switchgear and noted the following:

All of the safety-related MCC's which have been installed for Units 1 and 2 have not been identified as "conditional released" as required by CEI procedure CQSP 1502 paragraph 5.2.2; this procedure requires conditional released items, to be clearly identified as such. The inspector observed that the licensee had previously identified this unsatisfactory condition and corrective action was being taken. This matter will be reviewed during a subsequent inspection. (440/79-09-01; 441/79-09-01)

No items of noncompliance were identified.

3. Other Areas Inspected

- a. During the inspector's tour of the plant, it was observed that several cable trays and hangers were touching other components, ventilation ducts, drain lines, etc. The inspector asked the licensee if there is a definitive acceptance criteria for seismic clearance, including interaction with other items. This matter is unresolved pending receipt and review of the requested information. (440/79-09-02; 441/79-09-02)
- b. The inspector observed that cable trays of different divisions (yellow and blue) were installed on the same seismic hanger support (yellow cable tray Nos. A2506, A3010, A4056; blue cable tray Nos. B3705 and B4202) located at the 574 elevation in the control complex building. The inspector could not determine if the installation meets the angle failure criteria. The licensee informed the RIII inspector that they would have their Architect Engineer clarify this matter. At this time, cables are not being placed/pulled into the cable trays. This matter is considered unresolved. (440/79-09-03; 441/79-09-03)

No items of noncompliance were identified.

Unresolved Items

Unresolved items are matters about which more information is required in order to ascertain whether they are acceptable items, items of noncompliance, or deviations. Unresolved items disclosed during the inspection are discussed in Paragraphs 3.a and 3.b.

Exit Interview

The inspector met with site staff representatives (denoted under Persons Contacted) at the conclusion of the inspection on October 5, 1979. The inspector summarized the purpose and findings of the inspection. The licensee acknowledged the findings reported herein.