

U.S. NUCLEAR REGULATORY COMMISSION

REGION III

Report No. 50-440/85057(DRS)

Docket No. 50-440

License No. CPPR-148

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

Facility Name: Perry Nuclear Power Plants, Unit 1

Inspection At: Perry Site, Perry, Ohio

Inspection Conducted: August 19-23, 1985

Inspector: *R. Westberg*
R. Westberg

9/5/85
Date

Approved By: *F. C. Hawkins for*
F. C. Hawkins, Chief
Quality Assurance Programs Section

9/5/85
Date

Inspection Summary

Inspection on August 19-23, 1985 (Report No. 50-440/85057(DRS))

Areas Inspected: Routine, unannounced inspection by one regional inspector of licensee action on previous inspection findings; safety committee activity; tests and experiments; preoperational test records; operating staff training; and surveillance testing and calibration control. The inspection involved 37 inspector-hours onsite.

Results: No violations or deviations were identified.

DETAILS

1. Persons Contacted

Cleveland Electric Illuminating Company (CEI)

- *P. A. Russ, Compliance Engineer
- *G. Chasko, Surveillance Engineer
- *J. L. Hansen, Surveillance Coordinator
- G. R. Anderson, Electrical and I&C Lead
- *E. J. Plunkett, Component Lead, Records
- J. L. Marden, Unit Supervisor, Programs
- *W. J. Wright, Nuclear Safety Review Committee (NSRC) Secretary
- *R. G. Schuerger, Principle Nuclear Operations Engineer, NSRC Chairman
- *R. G. Solt, Supervisor, Procurement Quality
- *N. J. Lehman, Staff Analyst
- *E. Riley, General Supervisor, Construction Quality
- *R. H. Simmons, Unit Supervisor, Operational Quality
- *J. J. Lausberg, Unit Supervisor, Operational Quality
- *B. B. Liddell, Operations Engineer
- *W. R. Kanda, General Supervising Engineer, Technical
- *B. S. Ferrell, Licensing Engineer
- *S. F. Kensicki, Technical Superintendent
- *A. F. Silakoski, General Supervisor, Training
- R. L. Luse, Supervisor Support Services
- D. W. Goddard, Skills Training Coordinator
- J. B. Heishman, Lead I&C Instructor
- D. E. Heck, Supervisor, Nuclear Skills Training Unit
- S. R. Bennett, Training Clerk
- M. D. Lazar, Material Control Supervisor
- R. M. Selan, Unit Supervisor
- C. D. Banks, Senior Engineer

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J. A. Grobe, Senior Resident Inspector, Operations

Other personnel were contacted as a matter of routine during the inspection.

*Indicates those attending the exit meeting on August 23, 1985.

2. Licensee Action on Previous Inspection Findings

- a. (Closed) Open Item (440/85014-04): Procedure No. SMI-0006, "Identification and Control of Dated Material," did not address acceptance criteria for shelf life of items already in storage. The licensee issued Revision 1 to this procedure which included provisions for shelf life review and shelf life extension requests. The inspector reviewed Revision 1 to this procedure and found it acceptable.

- b. (Open) Violation (440/85014-03): Failure to follow procurement procedures. The inspector reviewed procedure No. NQADP 1002, "Inspection of Procured Items", Revision 2 Draft; Procedure No. 81-0707, "Verification of Suppliers Certification Validity", Revision 0; and "Spare Parts Documented Position No. 001", Revision 0, and found them acceptable. The item remains open pending NRC review of the licensee's implementation of their corrective action commitments.

3. Safety Committee Activity

The inspector verified that the off-site safety review committee had been established and was functioning in conformance with Technical Specification requirements. The following aspects of the Nuclear Safety Review Committee (NSRC) charter were reviewed during this inspection: assigned responsibilities; membership makeup and qualifications; designation of alternate members; requirements for committee quorum; meeting frequency; distribution and maintenance of minutes and records; interfaces with onsite review groups; and followup action to resolve identified deficiencies.

The inspector also verified that the Independent Safety Engineering Group (ISEG) had been established and was functioning in conformance with Safety Evaluation Report (SER) commitments.

a. Documents Reviewed

- (1) "Nuclear Safety Review Committee Charter", Revision 2
- (2) NSRC Operating Guidelines
 - (a) No. 001, "Administrative", Revision 0
 - (b) No. 002, "Operations and Maintenance Subcommittee", Revision 0
 - (c) No. 003, "Radiological Environmental and Chemistry Subcommittee", Revision 0
 - (d) No. 004, "Audit Subcommittee," Revision 0
 - (e) No. 005, "Engineering Subcommittee", Revision 0
- (3) "Independent Safety Engineering Group Charter", Revision 0
- (4) POP 0203, "Independent Safety Engineering Group Operations", Revision 0
- (5) NSRC Meeting Minutes
 - (a) No. 4, March 13, 1985
 - (b) No. 5, April 10, 1985
 - (c) No. 6, May 8, 1985
 - (d) No. 7, June 12, 1985
 - (e) No. 8, July 10, 1985
- (6) ISEG Project Reports
 - (a) No. 85001, "Fire Suppression System Causing Inoperability of Safety-Related Equipment"
 - (b) No. 85004, "Technical Assessment of Fuel Receipt Activities"

b. Results of Inspection

To determine that the NSRC was accomplishing its activities in accordance with its charter, the inspector reviewed the meeting minutes for the last five NSRC meetings. The NSRC was found to be meeting its charter and the inspector had no further concerns.

To determine that the ISEG was accomplishing its activities in accordance with its charter, the inspector reviewed two ISEG project reports and concluded that the results were acceptable.

No violations or deviations were identified in this area.

4. Tests and Experiments

The inspector reviewed the program for control of special reactor tests and experiments to verify conformance with the FSAR; draft Technical Specifications; 10 CFR Part 50.59; 10 CFR 50, Appendix B; and ANSI N18.7-1976.

a. Documents Reviewed

- (1) OMIA: PAP-1107, "Special Test Control", Revision 0
- (2) OMIA: PAP-0507, "Preparation Review, Approval, Revision, and Cancellation of Instructions", Revision 1
- (3) OMIA: PAP-0518, "Preparation of Periodic Test Instructions", Revision 1
- (4) OMIA: PAP-1604, "Reports Management", Revision 0
- (5) OMIA8: PAP-0305, "Safety Evaluations", Revision 2
- (6) 91-0332, "Safety Evaluations", Revision 1

b. Results of Inspection

The inspector's review of the test and experiment control procedures indicated that the written program was acceptable with one exception: procedure No. PAP-1107, did not reference procedure No. PAP-0507 for preparation of test instructions. This concern was discussed with the involved licensee personnel who agreed to revise the procedure to include this item. Pending further review, this matter is considered open (440/85057-01).

No violations or deviations were identified in this area.

5. Preoperational Test Records

The inspector reviewed the program for control of preoperational test records to verify conformance with FSAR commitments and regulatory requirements. The following aspects of the program were considered during this review: administrative controls; record storage; and record retention.

a. Documents Reviewed

- (1) TPI 15, "NTS Records and Document Control", Revision 3
- (2) PA 1701, "Records Management Program", Revision 4

b. Results of Inspection

The inspector's review indicated that the written records control program and records storage practices were acceptable for in-process records. Since the Nuclear Test Section (NTS) only processes records, the administrative controls for record storage and record retention for the permanent records are the same as previously reviewed by the inspector in NRC Inspection Report no. 50-440/85020, Section 8, Records.

No violations or deviations were identified in this area.

6. Operating Staff Training

The inspector verified that the FSAR training commitments for non-licensed personnel had been completed. This inspection consisted of a review of the training records for mechanics; General Supervising Engineer, Maintenance; Plant Health Physicist; Chemical Supervisors; I&C Supervisors; I&C technicians; and Health Physics technicians.

To verify that on-the-job training objectives are being met, the Senior Resident Inspector will attend selected training sessions and review the involved lesson plans. This review will be documented on a separate report.

No violations or deviations were identified in this area.

7. Surveillance Testing and Calibration Control

To verify implementation of the surveillance testing program, the inspector selected 20 surveillance tests required by the Technical Specifications and verified that each of the selected tests or inspections had been included in a master schedule. The master schedule was also reviewed for conformance with the requirements of the Technical Specifications.

Five safety-related plant instruments, not specifically required to be calibrated by the Technical Specifications, were selected and verified to be calibrated and included in a master calibration schedule. The inspector's review indicated, however, that the instruments had been calibrated and scheduled by NTS since they were in systems that had not been turned over to the plant. The inspector discussed the calibration of these instruments with the Electrical and I&C Lead who demonstrated that approved calibration procedures had been prepared and that when these systems were turned over, the scheduling and calibrations would be picked up by the repetitive task program. The inspector then reviewed

procedure No. PAP 0903, "Repetitive Task Program", and procedure No. TAP-0512, "Calibration Intervals for Plant Instruments", and found them acceptable.

No violations or deviations were identified in this area.

8. Open Items

Open items are matters which have been discussed with the licensee, which will be reviewed further by the inspector, and which involve some action on the part of the NRC or licensee or both. An open item is discussed in Paragraph 4.b.

9. Exit Interview

The inspector met with licensee representatives on August 23, 1985, and summarized the purpose, scope, and findings of the inspection. The inspector also discussed the likely informational content of the inspection report with regard to documents or processes reviewed by the inspector during the inspection. The licensee identified all documents reviewed as proprietary; however, none of these documents are quoted in this report.