

U. S. NUCLEAR REGULATORY COMMISSION

REGION III

Docket No: 50-440
License No: NPF-58

Report No: 50-440/96012(DRS)

Licensee: Cleveland Electric Illuminating Company

Facility: Perry Nuclear Power Plant

Location: P. O. Box 97, A200
Perry, OH 44081

Dates: October 7 through 11, 1996

Inspectors: E. Plettner, Reactor Engineer
M. Bielby, Reactor Engineer

Approved by: M. Leach, Chief, Operator Licensing Branch
Division of Reactor Safety

EXECUTIVE SUMMARY

Perry Nuclear Power Plant
NRC Inspection Report No. 50-440/96012

This inspection report contains the findings and conclusions of the inspection of the licensed reactor operator (RO) and senior reactor operator (SRO) requalification training programs. The inspection included a review of training administrative procedures and operating examination material; observation and evaluation of operator performance and licensee evaluators during a requalification operating examination; an assessment of simulator fidelity; an evaluation of program controls to assure a systems approach to training; and a review of requalification training records.

The inspectors used the guidance in inspection procedure (IP) 71001.

Operations

Licensed operator requalification programs were implemented in accordance with 10 CFR Part 55 requirements.

Licensee controls to revise the licensed operator requalification training program were satisfactory.

Reports Details

I. Operations

O5 Operator Training and Qualification

O5.1 Operating History

a. Inspection Scope (71001)

The inspectors reviewed the following to assess the licensed operator requalification training program's effectiveness regarding operator performance:

- SALP report No 50-440/96001.
- Resident inspector observations and reports covering the time frame of 10/95 to present.
- Licensee event reports covering the time frame of 10/95 to present.

b. Observations and Findings

The inspectors determined that no patterns existed that were contributable to poor operator performance.

O5.2 Requalification Examinations

a. Inspection Scope (71001)

The inspectors reviewed the following using IP 71001, Appendix A checklists, to assess the licensee's examination materials' quality and content:

- Sample plans.
- The written and operating requalification examinations administered during the inspection week.

b. Observations and Findings

The dynamic simulator scenarios adequately addressed the quantitative and qualitative attributes. The job performance measures (JPMs) satisfied the quality checklist and were considered good. The written exams were adequate and met the NRC checklist for written examination questions. The examinations were consistent with the sample plan with minimal overlap from previous years operating exams for individual operators and minimal overlap from week to week within this year's exam cycle for the dynamic simulator examinations.

O5.3 Regualification Examination Administration Practices

a. Inspection Scope (71001)

The inspectors performed the following to assess the licensee's policies and practices regarding regualification examination administration, and simulator fidelity:

- Observed the performance of and evaluated one operating crew during dynamic simulator scenarios and the JPM examinations.
- Reviewed the simulator fidelity log.
- Reviewed Training Administrative Procedures.

b. Observations and Findings

The facility evaluators adequately identified operator performance errors during the operating examinations. The facility evaluated the crew and all individuals as satisfactory as all critical tasks were accomplished. One individual was going to be given some remediation training to improve upon the formal command and control function. The inspectors agreed with the licensee's evaluation results.

No simulator fidelity deficiencies were observed. A simulation facility fidelity report is attached.

O5.4 Regualification Training Program Feedback System

a. Inspection Scope (71001)

The inspectors performed the following to assess the licensee's training program feedback system effectiveness:

- Reviewed the Safety Assessment and Quality Verification (SAQV) audit PA 95-15 "Personnel Training and Qualification Audit Report" for regualification training.
- Reviewed recorded changes to the regualification program.
- Reviewed operator feedback.

b. Observations and Findings

The licensee had a satisfactory tracking program to incorporate changes to the examination bank material when procedure changes or modifications were implemented by the plant. The program was current and up to date. If a question was incorrectly answered on an examination a specified number of times, the licensee had an evaluation program in place to review the question for clarity and correctness.

O5.5 Conformance with Operator License Conditions

a. Inspection Scope (71001)

The inspectors reviewed the following documents to assess the facility and operator licensees' compliance with 10 CFR 55.53 license condition requirements:

- Systems approach to training program records.
- Requalification training records.

b. Observations and Findings

The inspectors determined that all licensed individuals met the requirements.

O5.7 Conclusions on Operator Training and Qualification

The inspectors concluded the following:

- The licensee's overall implementation of the licensed RO and SRO requalification training programs were in accordance with 10 CFR Part 55 requirements.
- A continuous review and upgrade program was in place to address immediate and long range simulator repair and improvement initiatives.
- The licensee's controls to revise the program based on audits, industry and plant events, system and procedure modifications, and operator feedback were satisfactory.

V. Management Meetings

X1 Exit Meeting Summary

The inspectors presented the preliminary inspection results to members of licensee management on October 11, 1996. The licensee acknowledged the findings presented.

The inspectors asked the licensee whether any materials examined during the inspection could be considered proprietary. No proprietary information was identified.

PARTIAL LIST OF PERSONS CONTACTED

Licensee

R. D. Brandt, General Manager Operations
H. Coon, Supervisor Regulatory Affairs
R. Matthys, Supervisor Quality Assurance
J. Messina, Operations Manager
T. Rausch, Training Manager
L. W. Worley, Nuclear Assurance Director

NRC

D. Kosloff Perry Senior Resident Inspector

SIMULATION FACILITY FIDELITY REPORT

Facility Licensee: Perry Nuclear Power Station

Facility Licensee Docket No.: 50-440

Operating Tests Administered: October 7 - 11, 1996

This form is to be used only to report observations. These observations do not constitute audit or inspection findings and are not, without further verification and review, indicative of noncompliance with 10 CFR 55.45(b). These observations do not affect NRC certification or approval of the simulation facility other than to provide information that may be used in future evaluations. No licensee action is required in response to these observations.

While conducting the simulator portion of the operating tests, the following items were observed (if none, so state):

ITEM

DESCRIPTION

NONE OBSERVED