

U.S. NUCLEAR REGULATORY COMMISSION

Report No. 50-333/88-18

Docket No. 50-333

License No. DPR-59

Licensee: Power Authority of the State of New York  
P.O. Box 41  
Lycoming, New York 13093

Facility Name: J. A. FitzPatrick Nuclear Power Plant

Inspection At: Lycoming, New York

Inspection Conducted: August 17-18, 1988

Inspectors:

*Tony E. Waffan for*  
B. Florek, Senior Operations Engineer

9/20/88  
date

*Carl Sisco*  
C. Sisco, Operations Engineer

9/20/88  
date

Approved by:

*David J. Lange*  
D. Lange, BWR Section Chief

9-20-88  
date

Inspection Summary: Routine Unannounced Inspection on August 17-18, 1988  
(Report No. 50-333/88-18)

Areas Inspected: A routine unannounced inspection of the licensed operator training program was performed on August 17-18, 1988. The inspection involved a review of training program records, interviews with licensed operators and discussions with training department staff. Unresolved items identified in Inspection Report 50-333/86-15 were inspected.

Results: In the areas inspected, no violations or deviations were identified. Unresolved items identified in Inspection Report 50-333/86-15 were closed and are discussed in Section 6.0 of this report.

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## DETAILS

### 1.0 Persons Contacted

#### New York Power Authority

- \*R. Converse, Resident Manager
- W. Fernandez, Superintendent of Power
- \*D. Lindsey, Operations Superintendent
- \*D. Simpson, Training Superintendent
- \*F. Catella, Manager of Nuclear Training
- J. Prokop, QA Supervisor (Acting)
- \*G. Fronk, Nuclear Training Specialist
- J. Morris, Nuclear Training Specialist
- \*W. Daczkowski, Nuclear Training Specialist

#### U.S. Nuclear Regulatory Commission

- \*W. Johnston, Director, Division of Reactor Safety
- \*R. Plasse, Resident Inspector

In addition to the above, several staff members, both licensed and non-licensed were interviewed during this inspection.

\* Denotes those present at the exit meeting.

### 2.0 PROGRAM AREAS INSPECTED

#### 2.1 Licensed Operator Training Documentation

Training Procedures ITP-1 "Management of Training Group Records" and ITP-5 "Licensed Operator Requalification" and the requalification training schedule of 1987-1988 were inspected to ensure compliance with 10 CFR 55.59 (Requalification Program). The inspectors selected three (3) Senior Operator and four (4) Reactor Operator training files to determine compliance with Section 6.1 of ITP-1. On a random basis, four (4) quizzes with a score of less than 80% were verified to have been properly remediated and documented in accordance with Section 6.2.b of ITP-5.

Requalification examinations taken in 1988 by four (4) licensed operators and one (1) certified training instructor were selected for parallel grading. The NRC grading results compared within 5% of the licensee's results and the pass/fail decisions were not affected.

The inspectors determined that the licensed operator training records were complete and well maintained. A computer database links training records with individual training files. This system enabled the inspectors to readily identify training record elements and easily inspect individual training files

No violations or deviations were found.

### 3.0 Licensed Operator Interviews

The inspectors interviewed three (3) Senior Reactor Operators and four (4) Reactor Operators. The results of the interviews indicated the operators believe the training received is beneficial to them in the performance of their duties. Training on refueling procedures has recently been completed to prepare the staff for the upcoming outage. The operators are encouraged to express any ideas they may have to operations or training department management to better the training received.

The operators expressed pride in the new training facilities recently opened. All expressed a desire to start training on the site specific simulator, and believe this training will be a definite benefit to them.

No violations or deviations were found.

### 4.0 Requalification Program Classroom Lecture

A recent industry event was the source of the Requalification Program lecture on 4160 KV Breakers attended by the inspector. The inspector verified the technical content of the information presented was in depth and accurate. Additionally, the inspector found the presentation to be well organized and informative.

### 5.0 Summary of Discussions with Training Department Personnel

The inspectors discussed the conduct of the requalification program with the Training Manager. The pass/fail rates of both replacement and requalification examinations over the past three (3) years were discussed. The station has a very low attrition rate and therefore the need for replacement operators is low. The requalification examinations are administered as one comprehensive annual exam. The examination results are then utilized to ensure the training program is strengthened as necessary to ensure licensed operator knowledge is

maintained current and remedial training is given as necessary. The inspector did not note any generic weaknesses in the requalification examinations inspected.

The training program for both licensed and non-licensed personnel was accredited by INPO in the fall of 1987.

No violations or deviations were found.

## 6.0 Licensee's Actions on Previous NRC Concerns

### 6.1 (Closed) Unresolved Item (333/86-15-01)

No provision was in place to ensure that requalification written examination grading quality was checked.

Procedure ITP-5 "Licensed Operator Requalification" was revised to require all requalification examinations to be independently checked to verify grading consistency. This check consists of parallel grading of approximately 10% of the questions in each section of the examination. The inspectors reviewed records of several licensed operators and found the requirements of ITP-5 to have been met. This item is closed.

### 6.2 (Closed) Unresolved Item (333/86-15-02)

Requalification program lectures were shortened or not given as scheduled during the 1985 cycle.

This situation occurred because the Licensee underestimated the impact of Advanced Technical Training on the Requalification program. The inspectors verified the completion of the 1985 cycle, and the Licensee has committed to fully assess the impact on the requalification program if a similar training program is utilized in the future. This item is closed.

### 6.3 (Closed) Unresolved Item (333/86-15-03)

Numerous personnel had been absent from scheduled requalification sessions during the 1984 and 1985 cycles. A system was not in place to ensure lectures that were missed were made up within twelve (12) weeks as required.

Procedure PSO-50 "Training Attendance" was revised to require a weekly attendance report to be distributed to upper plant management. Administrative controls are in place and are used to ensure all required training is attended or remediated. A computer tracking system is utilized to track any attendance deficiencies. The inspectors reviewed several attendance reports and verified all required training was attended or properly remediated in accordance with the administrative control program. This item is closed.

6.4 (Closed) Unresolved Item (333/86-15-04)

Required reading assignments for 1984 were missed, and corrective action was not taken until 1986.

A computer tracking system is utilized to track and report to upper management the status of required reading by the licensed staff. Administrative controls are in place and are used to ensure each licensed operator completes all required reading. The inspectors reviewed several required reading reports and verified their completion. This item is closed.

6.5 (Closed) Unresolved Item (333/86-15-05)

No procedure existed to assure that oral examinations were given when scheduled or to make up missed examinations in a timely manner. There was no provision to give oral examinations to the individuals who administered the oral examinations.

Procedure ITP-5 "Licensed Operator Requalification" was revised to require all scheduled oral examinations to be completed. The schedule is tracked and reported to upper management. Administrative controls are in place and used to ensure individuals that administer oral examinations are examined orally by the Training Superintendent/Operations Superintendent. This item is closed.

6.6 (Closed) Unresolved Item (333/86-15-06)

There was inadequate supervision of the overall requalification program, thus the quality of the requalification program was dependent upon the competence of the Program Administrator.

Report of individual training records are made available to upper management that indicates the requalification program status. These reports provide upper management with the information necessary to provide supervision as required. The administrative controls have been strengthened to require a semiannual review of the requalification program by Senior training department management and required attendance by the licensed staff. The Site QA organization performs an independent random grading of requalification examination(s) on a yearly basis as well as an audit of the requalification program. Procedures have been strengthened to provide consistent grading and quality checks of the grading of requalification examinations as detailed in this report. This item is closed.

## 7.0 EXIT INTERVIEW

At the exit interview the inspectors discussed the scope of the inspection and findings, including the closure of Unresolved Items identified in Inspection Report 333/86-15. Positive aspects of the requalification program, including feedback from operators, and the computerized tracking system were discussed. The inspectors determined that no proprietary information was utilized during the inspection.