

August 21, 1987

Docket No. 50-333

DISTRIBUTION

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Dear Mr. Brons:

The Commission has issued the enclosed Amendment No.111 to Facility Operating License No. DPR-59 for the James A. FitzPatrick Nuclear Power Plant. The amendment consists of changes to the Technical Specifications (TS) in response to your application transmitted by letters dated July 11 and October 27, 1986, and as consolidated and revised by letter dated June 4, 1987.

The amendment revises TS Sections 6.2 and 6.3 which pertain to the plant operating shift organization and qualifications.

A copy of the related Safety Evaluation is enclosed. A Notice of Issuance will be included in the Commission's next regular bi-weekly Federal Register notice.

Sincerely,

Harvey Abelson, Project Manager
Project Directorate I-1
Division of Reactor Projects, I/II

Enclosures:

1. Amendment No. 111 to DPR-59
2. Safety Evaluation

cc: w/enclosures
See next page

PDI-1 *CV*
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7/23/87

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UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

POWER AUTHORITY OF THE STATE OF NEW YORK

DOCKET NO. 50-333

JAMES A. FITZPATRICK NUCLEAR POWER PLANT

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 111
License No. DPR-59

1. The Nuclear Regulatory Commission (the Commission) has found that:
 - A. The applications for amendment by Power Authority of the State of New York (the licensee) dated July 11 and October 27, 1986, and June 4, 1987, comply with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act) and the Commission's rules and regulations set forth in 10 CFR Chapter I;
 - B. The facility will operate in conformity with the applications, the provisions of the Act, and the rules and regulations of the Commission;
 - C. There is reasonable assurance (i) that the activities authorized by this amendment can be conducted without endangering the health and safety of the public, and (ii) that such activities will be conducted in compliance with the Commission's regulations;
 - D. The issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public; and
 - E. The issuance of this amendment is in accordance with 10 CFR Part 51 of the Commission's regulations and all applicable requirements have been satisfied.
2. Accordingly, the license is amended by changes to the Technical Specifications as indicated in the attachment to this license amendment, and paragraph 2.C.(2) of Facility Operating License No. DPR-59 is hereby amended to read as follows:

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(2) Technical Specifications

The Technical Specifications contained in Appendices A and B, as revised through Amendment No.111, are hereby incorporated in the license. The licensee shall operate the facility in accordance with the Technical Specifications.

3. This license amendment is effective as of the date of its issuance.

FOR THE NUCLEAR REGULATORY COMMISSION

for Joseph D. Neighlors
Robert A. Capra, Acting Director
Project Directorate I-1
Division of Reactor Projects, I/II

Attachment:
Changes to the Technical
Specifications

Date of Issuance: August 21, 1987



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

ATTACHMENT TO LICENSE AMENDMENT NO. 111

FACILITY OPERATING LICENSE NO. DPR-59

DOCKET NO. 50-333

Revise Appendix A as follows:

<u>Remove Pages</u>	<u>Insert Pages</u>
vi	vi
247	247
247a	247a
248	248
260	260
---	260a

LIST OF TABLES (CONT'D)

<u>Table</u>	<u>Title</u>	<u>Page</u>
4.6-1	Comparison of the James A. FitzPatrick Nuclear Power Plant Inservice Inspection Program to ASME Inservice Inspection Code Requirements	157
3.7-1	Process Pipeline Penetrating Primary Containment	198
4.7-1	Minimum Test and Calibration Frequency for Containment Monitoring Systems	210
4.7-2	Exception to Type C Tests	211
6.2-1	Minimum Shift Manning Requirements	260a
6.10-1	Component Cyclic or Transient Limits	261

6.0 ADMINISTRATIVE CONTROLS

Administrative Controls are the means by which plant operations are subject to management control. Measures specified in this section provide for the assignment of responsibilities, plant organization, staffing qualifications and related requirements, review and audit mechanisms, procedural controls and reporting requirements. Each of these measures are necessary to ensure safe and efficient facility operation.

6.1 RESPONSIBILITY

The Resident Manager is responsible for safe operation of the plant. During periods when the Resident Manager is unavailable, the Superintendent of Power will assume his responsibilities. In the event both are unavailable, the Resident Manager may delegate this responsibility to other qualified supervisory personnel. The Resident Manager reports directly to the Executive Vice President-Nuclear Generation, as shown in Fig. 6.1-1.

6.2 PLANT STAFF ORGANIZATION

The plant staff organization shall be as shown in Figure 6.2-1 and:

1. Each shift crew shall be composed of at least the minimum shift crew composition shown in Table 6.2-1;
2. An SRO or an SRO with a license limited to fuel handling shall directly supervise all Core Alterations. This person shall have no other duties during this time;
3. A fire brigade of five (5) or more members shall be maintained on site at all times. This excludes two (2) members of the minimum shift crew necessary for safe shutdown and any personnel required for other essential functions during a fire emergency;
4. In the event of illness or unexpected absence, up to two (2) hours is allowed to restore the shift crew or fire brigade to the minimum complement.

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Amendment No. ~~49~~, 111

247a

6.3 PLANT STAFF QUALIFICATIONS

- 6.3.1 The minimum qualifications with regard to educational background and experience for plant staff positions shown in Fig 6.2-1 shall meet or exceed the minimum qualifications specified in ANSI N18.1-1971 for comparable positions except for the Radiological and Environmental Services Superintendent, who shall meet or exceed the qualifications specified in Regulatory Guide 1.8, September, 1975.
- 6.3.2 The Shift Technical Advisor (STA) shall meet or exceed the minimum requirements of either Option 1 (Combined SRO/STA Position) or Option 2 (Continued use of STA Position), as defined in the Commission Policy Statement on Engineering Expertise on Shift, published in the October 28, 1985 Federal Register (50 FR 43621). When invoking Option 1, the STA role may be filled by the Shift Supervisor or Assistant Shift Supervisor. (1)
- 6.3.3 Any deviations will be justified to the NRC prior to an individual's filling of one of these positions.

NOTE:

- (1) The 13 individuals who hold SRO licenses, and have completed the FitzPatrick Advanced Technical Training Program prior to the issuance of this license amendment, shall be considered qualified as dual-role SRO/STAs.

6.4 RETRAINING AND REPLACEMENT TRAINING

A training program shall be maintained under the direction of the Training Coordinator to assure overall proficiency of the plant staff organization. It shall consist of both retraining and replacement training and shall meet or exceed the minimum requirements of Section 5.5 of ANSI N18.1-1971.

The retraining program shall not exceed periods two years in length with a curriculum designed to meet or exceed the requalification requirements of 10 CFR 55, Appendix A. In addition fire brigade training shall meet or exceed the requirements of NFPA 21-1975, except for fire brigade training sessions which shall be held at least quarterly. The effective date for implementation of fire brigade training is March 17, 1978.

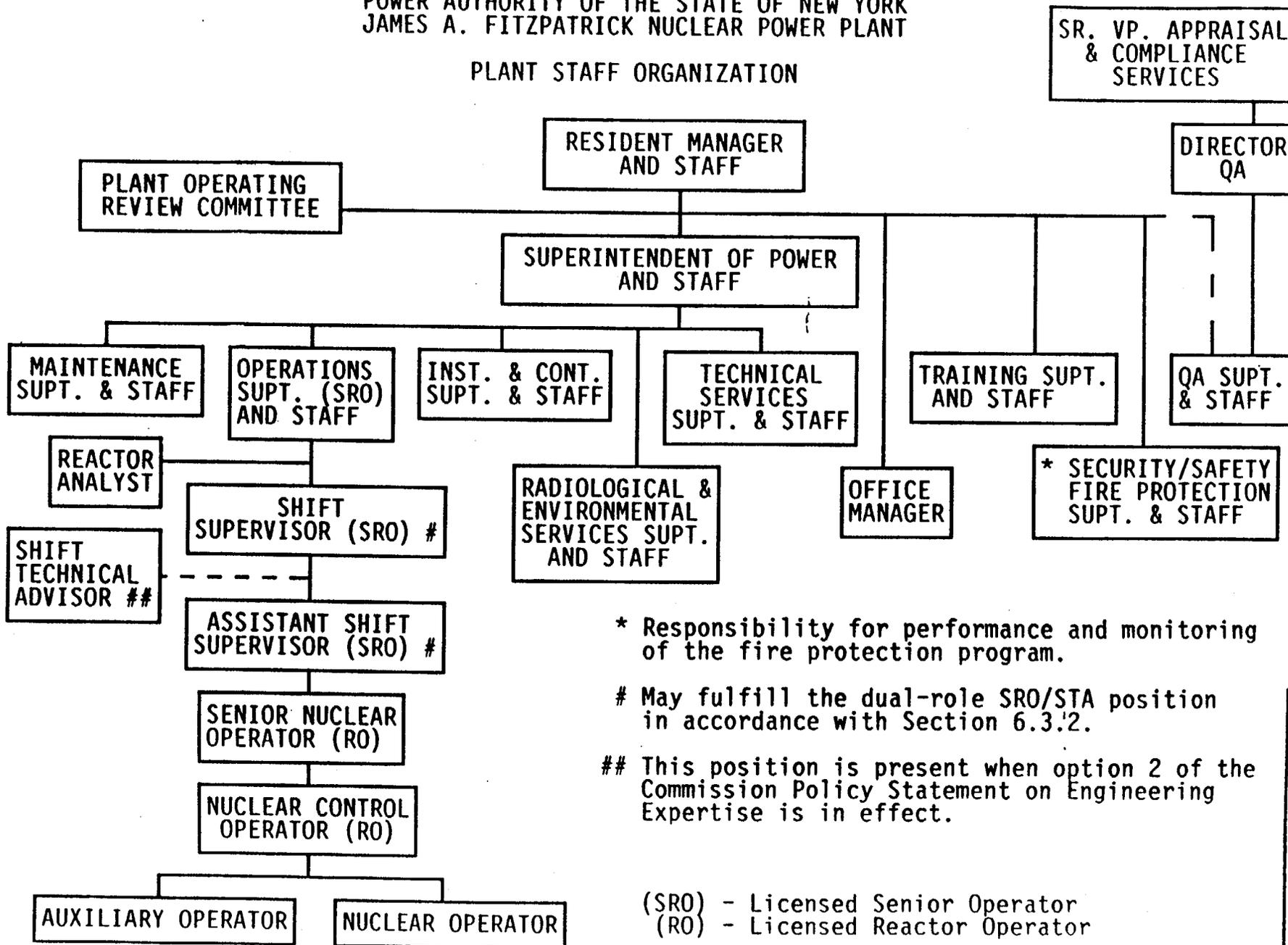
6.5 REVIEW AND AUDIT

Two separate review groups for plant operations have been constituted. One of these, the Plant Operating Review Committee (PORC), is an onsite review group. The other is an independent review and audit group, the offsite Safety Review Committee (SRC).

FIGURE 6.2-1

POWER AUTHORITY OF THE STATE OF NEW YORK
JAMES A. FITZPATRICK NUCLEAR POWER PLANT

PLANT STAFF ORGANIZATION



Amendment No. 80, 78, 108, 111

Table 6.2-1

POWER AUTHORITY OF THE STATE OF NEW YORK
 JAMES A. FITZPATRICK NUCLEAR POWER PLANT

MINIMUM SHIFT MANNING REQUIREMENTS

	Refuel & Cold Shutdown (fuel in reactor)	Start-up, Shutdown or Run
SRO	1 on site	2 (1 in C.R.)
STA	None	1 on site*
RO	1 in C.R.	2 (1 in C.R.)**
Non-Licensed Operator	1 on site	2 on site
Individual Qualified in Radiation Protection Procedures	1 on site	1 on site

Note: * The STA position may be combined with one of the SRO positions and fulfilled by any individual meeting the dual-role SRO/STA qualification in accordance with Section 6.3.2.

** During startup or planned shutdown; both in Control Room.

(SRO) - Licensed Senior Operator
 (STA) - Shift Technical Advisor
 (RO) - Licensed Reactor Operator
 (C.R.) - Control Room



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION
RELATED TO AMENDMENT NO. 111 TO FACILITY OPERATING LICENSE NO. DPR-59
POWER AUTHORITY OF THE STATE OF NEW YORK
JAMES A. FITZPATRICK NUCLEAR POWER PLANT
DOCKET NO. 50-333

INTRODUCTION

By letters dated July 11, 1986, October 27, 1986, and June 4, 1987, the Power Authority of the State of New York (PASNY) (the licensee), requested an amendment to the Administrative Controls Section of the Technical Specifications (TS) for the James A. FitzPatrick Nuclear Power Plant. Specifically, the proposed changes requested by the licensee would revise the TS to add an Assistant Shift Supervisor with an SRO license to the plant staff and allow the use of a dual role Senior Reactor Operator/Shift Technical Advisor (SRO/STA) in the operating shift organization. The proposed TS also allows for the separate STA position to be used. A special footnote is added to Section 6.3 which allows for the 13 individuals who hold SRO licenses, and have completed the FitzPatrick Advanced Technical Training Program prior to the issuance of this license amendment to be considered for the dual-role SRO/STA position as specified in the Commission's Policy Statement on Engineering Expertise on Shift (50 FR 43621). In addition, the proposed amendment includes changes to Section 6.2, Plant Staff Organization.

EVALUATION

Section 6.2, Plant Staff Organization

Sections 6.2.1 - 6.2.7 and 6.2.10 have been deleted and have been replaced with a new table (Table 6.2-1) prescribing the minimum shift manning requirements. The requirements of this table are consistent with applicable sections of 10 CFR 50.54. The new Section 6.2.1 refers to Table 5.2-1 for a description of the minimum shift crew composition. The new 6.2.2 was formerly included in footnote (a) to Section 6.2.5. The new 6.2.3 and 6.2.4 were formerly 6.2.9 and 6.2.8 respectively and the wording remains the same.

These changes have been made to be consistent with applicable sections of 10 CFR 50.54 and are, therefore, acceptable.

Figure 6.2-1, Plant Staff Organization

Figure 6.2-1 has been revised to add a second SRO (Assistant Shift Supervisor) to the shift staff in order to incorporate previous licensee commitments to meet NUREG-0737 requirements. In addition, two notes have been included in Figure 6.2-1. The one pound sign indicates that either the Shift Supervisor or Assistant Shift Supervisor may be a dual-role SRO/STA in accordance with Section 6.3.2. The two pound sign indicates that the STA position is present only when option 2 of the Commission Policy Statement on Engineering Expertise on Shift is in effect.

These revisions are acceptable for they reflect the changes described and accepted in Section 6.2 and Section 6.3 of this Safety Evaluation.

Section 6.3, Plant Staff Qualifications

The proposed changes to Section 6.3.2 of the TS read as follows:

"6.3.2 The Shift Technical Advisor (STA) shall meet or exceed the minimum requirements of either Option 1 (Combined SRO/STA Position) or Option 2 (Continued use of STA Position) as defined in the Commission Policy Statement on Engineering Expertise on Shift, published in the October 28, 1985 Federal Register (50 FR 43621). When invoking Option 1, the STA role may be filled by the Shift Supervisor or Assistant Shift Supervisor. (1)"

"Note:

(1) The 13 individuals who hold SRO licenses, and have completed the FitzPatrick Advanced Technical Training Program prior to the issuance of this license amendment, shall be considered qualified as dual-role SRO/STAs."

The licensee has committed that the STA position shall meet or exceed the minimum requirements of either Option 1 (Combined SRO/STA Position) or Option 2 (Continued use of STA Position) of the Policy Statement on Engineering Expertise on shift, except for the special condition specified in the footnote. The staff finds that this proposed change is acceptable since it meets the guidance provided in the Commission's Policy Statement on Engineering Expertise on Shift.

In the footnote to Section 6.3.2 the licensee has proposed that the 13 individuals who are SROs and who have successfully completed the FitzPatrick Advanced Technical Training Program are qualified to serve at FitzPatrick in a dual-role SRO/STA capacity. Originally the licensee chose to base the educational qualifications of the dual-role (SRO/STA) individuals on staff papers such as SECY-84-355, SECY-85-50, and SECY-85-150, all of which discussed the Proposed Commission's Policy Statement on Engineering Expertise on Shift.

In a letter dated December 11, 1984, (D.B. Vassallo to J.P. Bayne), the staff concluded in a Safety Evaluation that individuals at the FitzPatrick plant who hold a valid SRO license and who had successfully completed the Advanced Technical Training Program were qualified to serve in a dual-role SRO/STA capacity and should be able to provide adequate engineering and accident assessment expertise. This previous approval of the dual-role SRO/STA at FitzPatrick was based on the guidance available to the staff at that time. The staff finds that the footnote, therefore, should still be acceptable for those 13 individuals based on the staff's previous evaluation of their specific training and qualification, i.e., the 13 individuals still have adequate training and qualifications necessary to serve in the dual-role capacity and provide engineering and accident assessment expertise. However, all other personnel filling the dual-role (SRO/STA) position will meet the qualifications criteria of the Policy Statement on Engineering Expertise on Shift.

The June 4, 1987 submittal combines and revises the submittals of July 11 and October 27, 1987 and contains no substantive changes.

ENVIRONMENTAL CONSIDERATION

This amendment involves a change in administrative procedures or requirements. The staff has determined that the amendment involves no significant increase in the amounts, and no significant change in the types, of any effluents that may be released offsite, and that there is no significant increase in individual or cumulative occupational radiation exposure. The Commission has previously issued a proposed finding that this amendment involves no significant hazards consideration and there has been no public comment on such finding. Accordingly, this amendment meets the eligibility criteria for categorical exclusion set forth in 10 CFR Sec 51.22(c)(9). Pursuant to 10 CFR 51.22(b) no environmental impact statement or environmental assessment need be prepared in connection with the issuance of this amendment.

CONCLUSION

We have concluded, based on the considerations discussed above, that: (1) there is reasonable assurance that the health and safety of the public will not be endangered by operation in the proposed manner, and (2) such activities will be conducted in compliance with the Commission's regulations and the issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public.

Dated: August 21, 1987

PRINCIPAL CONTRIBUTOR:

I. Schoenfeld