



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20555-0001

May 3, 1994

Docket No. 50-286

Mr. William A. Josiger, Acting Executive  
Vice President - Nuclear Generation  
Power Authority of the State of New York  
123 Main Street  
White Plains, New York 10601

Dear Mr. Josiger:

SUBJECT: ISSUANCE OF AMENDMENT FOR INDIAN POINT NUCLEAR GENERATING  
UNIT NO. 3 (TAC NO. M89078)

The Commission has issued the enclosed Amendment No. 147 to Facility Operating License No. DPR-64 for the Indian Point Nuclear Generating Unit No. 3. The amendment consists of changes to the Technical Specifications (TS) in response to your application transmitted by letter dated March 24, 1994.

The amendment revises the plant staff requirement (specified in TS Section 6.2.2.i) to temporarily allow the Operations Manager to have held a senior reactor operator (SRO) license at a pressurized water reactor (PWR) other than Indian Point 3 (IP3). This temporary allowance is in effect for the period ending 3 years after restart from the 1993/1994 Performance Improvement Outage and is needed to support management changes at the facility in an effort to improve overall performance.

This change also affects the Quality Assurance (QA) Program description as specified in the IP3 Updated Final Safety Analysis Report (FSAR) since it constitutes a change to a previous commitment that requires, as a minimum, the Operations Manager will have held a SRO license at IP3. The previous commitment was implemented by TS Amendment No. 134, issued on June 15, 1993. Since the Assistant Operations Manager continues to be required to hold a current SRO license at IP3 and is the person responsible for directing all day-to-day activities of the Operations Department, it is acceptable that the Operations Manager temporarily have a SRO license from a PWR other than IP3.

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Mr. Williams A. Josiger

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May 3, 1994

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

Sincerely,



Nicola F. Conicella, Project Manager  
Project Directorate I-1  
Division of Reactor Projects - I/II  
Office of Nuclear Reactor Regulation

Enclosures:

1. Amendment No. 147 to DPR-64
2. Safety Evaluation

cc w/enclosures:  
See next page

Mr. William A. Josiger, Acting  
Power Authority of the State  
of New York

Indian Point Nuclear Generating  
Station Unit No. 3

cc:

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Indian Point 3 Nuclear Power Plant  
U.S. Nuclear Regulatory Commission  
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First Executive Vice President  
and Chief Operating Officer  
Power Authority of the State  
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123 Main Street  
White Plains, New York 10601

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Mr. Leslie M. Hill  
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Mr. Richard L. Patch, Acting  
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Director Nuclear Licensing - PWR  
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Union of Concerned Scientists  
Attn: Mr. Robert D. Pollard  
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Ms. Donna Ross  
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2 Empire State Plaza  
16th Floor  
Albany, New York 12223

Charles Donaldson, Esquire  
Assistant Attorney General  
New York Department of Law  
120 Broadway  
New York, New York 10271

DATED: May 3, 1994

AMENDMENT NO. 147 TO FACILITY OPERATING LICENSE NO. DPR-64-INDIAN POINT UNIT 3

Docket File

NRC & Local PDRs

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PD plant-specific file

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M. Slosson, 10/H/20

cc: Plant Service list



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20555-0001

POWER AUTHORITY OF THE STATE OF NEW YORK

DOCKET NO. 50-286

INDIAN POINT NUCLEAR GENERATING UNIT NO. 3

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 147  
License No. DPR-64

1. The Nuclear Regulatory Commission (the Commission) has found that:
  - A. The application for amendment by Power Authority of the State of New York (the licensee) dated March 24, 1994, complies 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 application, 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-64 is hereby amended to read as follows:

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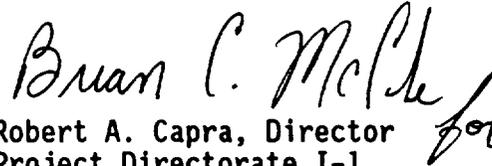
(2) Technical Specifications

The Technical Specifications contained in Appendices A and B, as revised through Amendment No. 147, 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 to be implemented within 30 days.

COMMISSION

FOR THE NUCLEAR REGULATORY



Robert A. Capra, Director *for*  
Project Directorate I-1  
Division of Reactor Projects - I/II  
Office of Nuclear Reactor Regulation

Attachment:  
Changes to the Technical  
Specifications

Date of Issuance: May 3, 1994

ATTACHMENT TO LICENSE AMENDMENT NO. 147

FACILITY OPERATING LICENSE NO. DPR-64

DOCKET NO. 50-286

Revise Appendix A as follows:

Remove Page  
6-3

Insert Page  
6-3

g) Adequate shift coverage shall be maintained without routine heavy use of overtime. The objective shall be to have operating personnel work a normal 8-hour day, 40-hour week while the unit is operating. (Operating personnel are defined as on shift senior reactor operators, reactor operators, nuclear plant operators, shift technical advisors and shift contingency health physicists, I&C and maintenance personnel.) However, in the event that unforeseen problems require substantial amounts of overtime to be used, or during extended periods of shutdown for refueling, major maintenance, or major plant modification on a temporary basis the following guidelines shall be followed:

1. An individual should not be permitted to work more than 16 hours straight, excluding shift turnover time.
2. An individual should not be permitted to work more than 16 hours in any 24-hour period, nor more than 24 hours in any 48-hour period, nor more than 72 hours in any 7-day period, all excluding shift turnover time.
3. A break of at least 8 hours should be allowed between work periods, including shift turnover time.
4. Except during extended shutdown periods, the use of overtime should be considered on an individual basis and not for the entire staff on a shift.

Any deviation from the above guidelines shall be authorized by the Resident Manager or his designee, or higher levels of management, in accordance with established procedures.

- h) At least one individual holding a Senior Reactor Operator (SRO) license shall be on duty in the Control Room at all times.
- i) The Assistant Operations Manager, Shift Supervisor and Senior Reactor Operator shall hold a Senior Reactor Operator (SRO) license. The Reactor Operator shall hold a Reactor Operator (RO) license. The Operations Manager shall either hold an SRO license or shall have held an SRO license at Indian Point Unit 3\*.

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\* For the period ending three years after restart from the 1993/1994 Performance Improvement Outage, the Operations Manager will be permitted to have held an SRO license at a Pressurized Water Reactor other than Indian Point Unit 3.



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20555-0001

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION  
RELATED TO AMENDMENT NO. 147 TO FACILITY OPERATING LICENSE NO. DPR-64  
POWER AUTHORITY OF THE STATE OF NEW YORK  
INDIAN POINT NUCLEAR GENERATING UNIT NO. 3  
DOCKET NO. 50-286

1.0 INTRODUCTION

By letter dated March 24, 1994, the Power Authority of the State of New York (the licensee or PASNY) submitted a request for changes to the Indian Point Nuclear Generating Unit No. 3 (IP3) Technical Specifications (TS). The requested changes would revise the plant staff requirement (specified in TS Section 6.2.2.i) to modify the condition that the Operations Manager must hold or have held a SRO license at IP3 and replace it with a requirement that would temporarily allow the Operations Manager to have held a senior reactor operator (SRO) license at a pressurized water reactor (PWR) other than IP3. This temporary allowance would be in effect for the period ending 3 years after restart from the 1993/1994 Performance Improvement Outage and is needed to support management changes at the facility in an effort to improve overall performance. The plant staff qualifications requirement (specified in TS Section 6.3.1) would continue to meet or exceed the qualification requirements of ANSI N18.1-1971 (Selection and Training of Nuclear Plant Personnel) for the Operations Manager except for the SRO license requirement.

The requested TS changes would also constitute a change to the Quality Assurance (QA) Program description provided in the IP3 Updated Final Safety Analysis Report (UFSAR) since it constitutes a change to a previous commitment to ANSI N18.1-1971 that requires, as a minimum, the Operations Manager to have held a SRO license at IP3. The previous commitment was implemented by TS Amendment No. 134, issued on June 15, 1993.

This safety evaluation addresses both the proposed TS changes and the proposed QA Program changes.

2.0 EVALUATION

2.1 TS Amendment

Amendment No. 134 to the IP3 TS revised TS Section 6.2.2.i to allow the Operations Manager to hold or to have held an SRO license at IP3 and added a requirement that the Assistant Operations Manager hold an SRO license at IP3.

Prior to Amendment No. 134, only the Operations Manager was required to hold an SRO license. The TS Section 6.2.2.i requirement was based on TS Section 6.3.1 which required, in part, that each member of the plant staff meet or exceed the minimum qualification of ANSI N18.1-1971. Since the management reorganization which took place in 1991, the Operations Manager no longer directly supervises the IP3 day-to-day plant operations. This function is now carried out by the Assistant Operations Manager. Therefore, by requiring the Assistant Operations Manager to hold an active SRO license, the intent of ANSI N18.1-1971, with respect to the "Operations Manager" qualifications, was met.

IP3 has been shutdown since February 1993 while implementing a Performance Improvement Outage. In an effort to improve operations at the IP3, the licensee has implemented extensive site management changes. One of these changes includes the Operations Manager. The licensee intends to replace the current Operations Manager with an experienced individual from outside PASNY. However, in order to implement this change, the SRO license requirement for the Operations Manager, as specified in TS Section 6.2.2.i, needs to be temporarily modified.

The proposed change to TS 6.2.2.i would require that, as a minimum, the Operations Manager has held a SRO license at a PWR. TS Section 6.3.1 requires that the Operations Manager meet or exceed the minimum qualifications of ANSI N18.1-1971 except for the SRO license requirement which is in accordance with TS 6.2.2.i. The proposed revision to TS 6.2.2.i in conjunction with current TS 6.3.1 would allow an individual who has not held a SRO license at IP3 to be appointed Operations Manager provided all other qualifications of ANSI N18.1-1971 are met and the individual has held a SRO license at another PWR. The SRO license requirement of ANSI N18.1-1971 would continue to be met by the Assistant Operations Manager. Since the Operations Manager will still be required to meet the experience and education requirements of ANSI N18.1-1971 and will be required, at a minimum, to have held an SRO license, there is assurance that the Operations Manager will continue to be a knowledgeable and qualified individual. This proposed change would allow the licensee to conduct the management changes needed to enhance the performance of the Operations Department in an expeditious fashion. However, after the term of this proposed change has expired (3 years after restart from the 1993/1994 Performance Improvement Outage), the licensee will be required to have an Operations Manager who holds or has held an SRO license at IP3.

The NRC staff has reviewed the information presented by the licensee regarding the SRO license requirement for the Operations Manager and concludes the requested change is acceptable.

## 2.2 QA Program Change

The licensee's QA Program is described in Chapter 17 of the IP3 UFSAR. One commitment of the QA Program is conformance with the guidance of Regulatory Guide 1.8, September 1975 (Qualification and Training of Personnel for Nuclear Power Plants), which endorsed, in part, ANSI N18.1-1971 to provide an approach acceptable to the NRC staff for complying with the qualifications and training requirements of 10 CFR Parts 50 and 55. This commitment was further modified by TS Amendment No. 134, issued on June 15, 1993.

The proposed TS change would constitute a change to the IP3 QA Program description as provided in the UFSAR since the Operations Manager would temporarily not be required to hold or have held an SRO license at IP3. The licensee stated; however, that since the Assistant Operations Manager would still be required to hold an active SRO license at IP3 and the Operations Manager would continue to be knowledgeable and qualified since he would be required, at a minimum, to have held an SRO license at a PWR, the intent of the QA program commitment would continue to be satisfied. Therefore, the revised QA Program would continue to satisfy 10 CFR Part 50, Appendix B.

The NRC staff has reviewed the proposed TS change regarding the SRO license requirement for the Operations Manager and its impact on the QA Program and concludes that the intent of the QA Program commitments would continue to be satisfied and that the QA program would continue to satisfy the criteria of 10 CFR Part 50, Appendix B. The QA Program changes are valid for the same period as the proposed TS change (3 years after restart from the 1993/1994 Performance Improvement Outage).

## 3.0 STATE CONSULTATION

In accordance with the Commission's regulations, the New York State official was notified of the proposed issuance of the amendment. The State official had no comments.

## 4.0 ENVIRONMENTAL CONSIDERATION

This amendment changes recordkeeping, reporting, or administrative procedures or requirements. Accordingly, the amendment meets the eligibility criteria for categorical exclusion set forth in 10 CFR 51.22(c)(10). 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.

## 5.0 CONCLUSION

The Commission has 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, (2) such activities will be conducted in compliance with the Commission's regulations, and (3) the issuance of the amendment will not be inimical to the common defense and security or to the health and safety of the public.

Principal Contributor:  
Mario C. Gareri

Date: May 3, 1994

Mr. Williams A. Josiger

- 2 -

May 3, 1994

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

Sincerely,

Original signed by:

Nicola F. Conicella, Project Manager  
Project Directorate I-1  
Division of Reactor Projects - I/II  
Office of Nuclear Reactor Regulation

Enclosures:

- 1. Amendment No. 147 to DPR-64
- 2. Safety Evaluation

cc w/enclosures:  
See next page

*WAL 4/19/94*

<i>WAL 4/19/94</i> PDI-1:RB	PDI-1:PM	PDI-1:PM	NRR:MHFB	OGC:EO	PDI-1:D
CVogán	MGareri:ayl	NConicella	MSlosson	RBachman	RACapra
4/15/94	4/15/94	4/15/94	4/20/94	4/21/94	5/3/94

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*(with comment)*