



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

October 12, 2000

Mr. A. Alan Blind  
Vice President, Nuclear Power  
Consolidated Edison Company  
of New York, Inc.  
Broadway and Bleakley Avenue  
Buchanan, NY 10511

SUBJECT: INDIAN POINT NUCLEAR GENERATING STATION, UNIT 1 - ISSUANCE OF  
AMENDMENT RE: ADMINISTRATIVE CHANGE TO TECHNICAL  
SPECIFICATION (TAC NO. MA8327)

Dear Mr. Blind:

The U.S. Nuclear Regulatory Commission (the Commission) has issued the enclosed Amendment No. 48 to Facility Operating License No. DPR-5 for the Indian Point Nuclear Generating Station, Unit No. 1 (IP1). The amendment consists of changes to the Technical Specifications (TSs) in response to your application transmitted by letter dated February 14, 2000.

The amendment change to IP1 revises TS Sections 2.10.2, 3.1.2, 3.2.1, 4.1.8.1, and 4.1.8.1.b. Specifically, Sections 3.1.2, 3.2.1, and 4.1.8.1.b, are organizational title changes that are administrative in nature and reflect a streamlining of the Consolidated Edison Company of New York, Inc.'s management structure. Section 4.1.8.1 is changed to reflect the renumbering of Part 20 of Title 10 of the *Code of Federal Regulations* (10 CFR). A footnote was moved from Section 2.11 to Section 2.10.2 to improve the clarity of the TS since it pertains to text in subsection 2.10.2.4.

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

Sincerely,

John L. Minns, Project Manager  
Decommissioning Section  
Project Directorate IV & Decommissioning  
Division of Licensing Project Management  
Office of Nuclear Reactor Regulation

Docket No. 50-003

Enclosures: 1. Amendment No. 48 to DPR-5  
2. Safety Evaluation

cc w/encls: See next page

DF01

Indian Point Nuclear Generating Station, Unit 1

cc:

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

CONSOLIDATED EDISON COMPANY OF NEW YORK, INC.

DOCKET NO. 50-003

INDIAN POINT NUCLEAR GENERATING STATION, UNIT 1

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 48  
License No. DPR-5

1. The U.S. Nuclear Regulatory Commission (the Commission) has found that
  - A. The application for amendment by Consolidated Edison Company of New York, Inc. (the licensee), dated February 14, 2000, 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, License No. DPR-5 is hereby amended as indicated in the attachment to this license amendment, and paragraph 2.C.(1) of Facility Possession Only License No. DPR-5 is hereby amended to read as follows:

(2) Technical Specifications

The Technical Specifications, as revised through Amendment No. 48 , are hereby incorporated in the license. The licensee shall operate the facility in accordance with the Technical Specifications.

3. The license amendment is effective as of its date of issuance and shall be implemented within 30 days from the date of issuance.

FOR THE NUCLEAR REGULATORY COMMISSION



Michael Masnik, Decommissioning Section Chief,  
Project Directorate IV  
Division of Licensing Project Management  
Office of Nuclear Reactor Regulation

Attachment: 48  
Changes to the Technical Specifications

Date of Issuance: October 12, 2000

ATTACHMENT TO LICENSE AMENDMENT NO. 48

TO FACILITY OPERATING LICENSE NO. DPR-5

DOCKET NO. 50-003

Replace the following page of the Technical Specifications with the attached revised page. The revised page is identified by amendment number and contains marginal lines indicating the areas of change.

Remove

Insert

Page 5

Page 5

Page 6

Page 6

Page 7

Page 7

Page 9

Page 9

- 2.10.2.5 If a spent fuel pool contains spent fuel, the spent fuel cask shall not be moved over that pool or within a distance of that pool such that the cask could strike the pool if it fell or tipped.
- 2.10.2.6 A dead-load test shall be successfully performed on the fuel handling building crane before fuel movement begins. The load assumed by the crane for this test must be equal to or greater than the maximum load to be assumed by the crane during the fuel handling operation. A thorough visual inspection of the crane shall be made after the dead-load test and prior to fuel handling.

\* Licensed Operator for IP-2

### 2.11 Fire Protection

Overall site fire protection is provided by a fire protection system which is common to both Unit No. 1 and Unit No. 2. Operation, maintenance and testing are controlled by station procedures.

Fire protection and detection systems provided for the protection of Indian Point Unit No. 2 safe shutdown systems are addressed in Appendix A to the Indian Point Unit No. 2 Facility Operating License No. DPR-26.

## 3.0 ADMINISTRATIVE AND PROCEDURAL SAFEGUARDS

### 3.1 Responsibility

- 3.1.1 The Vice President-Nuclear Power shall be responsible for overall facility activities and shall delegate in writing the succession to this responsibility during his absence.
- 3.1.2 The Plant Manager shall be responsible for facility operations and shall delegate in writing the succession to this responsibility during his absence.

## 3.2 Organization

3.2.1 Onsite and offsite organizations shall be established for unit operation and corporate management, respectively. The onsite and offsite organization shall include the positions for activities affecting the safety of the nuclear power plant.

- a. Lines of authority, responsibility, and communication shall be established and defined for the highest management levels through intermediate levels to and including all operating organization positions. These relationships shall be documented and updated, as appropriate, in the form of organization charts, functional descriptions of departmental responsibilities and relationships, and job descriptions for key personnel positions, or in equivalent forms of documentation. These requirements shall be documented in the Updated FSAR for Indian Point Unit No. 2.
- b. The Plant Manager shall be responsible for overall unit safe operation and shall have control over those onsite activities necessary for safe operation and maintenance of the plant.
- c. The Vice President-Nuclear Power shall have corporate responsibility for overall plant nuclear safety and shall take any measures needed to ensure acceptable performance of the staff in operating, maintaining, and providing technical support to the plant to ensure nuclear safety.
- d. Individuals who train the operating staff and those who carry out health physics and quality assurance functions may report to the appropriate onsite manager, however, they shall have sufficient organizational freedom to ensure their independence from operating pressures.
- e. The operation of the facility, the operating organization, the procedures for operation, and modifications to the facility shall be subject to review by the Station Nuclear Safety Committee. The committee shall report to the Vice President-Nuclear Power.

- f. The Nuclear Facilities Safety Committee shall function to provide independent review and audit of designated activities in areas of nuclear engineering, chemistry, radiochemistry, metallurgy and non-destructive testing, instrumentation and control, radiological safety, mechanical and electrical engineering, administrative controls and quality assurance activities, and radiological environmental effects.
- g. All fuel handling shall be under the direct supervision of a licensed operator.\*
- h. The Shift Manager is responsible for operations at the Unit No. 1 facility.
- i. The qualification requirements of the Operations Manager and the Assistant Operations Manager are provided in Sections 6.2.2 and 6.3 of Appendix A to the Indian Point Unit No. 2 Facility Operating License No. DPR-26.

\* Licensed operator for IP-2

### 3.3 Operating Instructions and Procedures

- 3.3.1 No fuel will be loaded into the reactor core or moved into the reactor containment building without prior review and authorization by the Nuclear Regulatory Commission.
- 3.3.2 Detailed written instruction setting forth procedures used in connection with the operation and maintenance of the nuclear power plant shall conform to the Technical Specifications.
- 3.3.3 Operation and maintenance of equipment related to safety when there is no fuel in the reactor shall be in accordance with written instructions.

#### **4.1.7 Radiation Protection Program**

Procedures for personnel radiation protection shall be prepared consistent with the requirements of 10 CFR Part 20 and shall be approved, maintained and adhered to for all operations involving personnel radiation exposure.

#### **4.1.8 High Radiation Area**

**4.1.8.1 As an acceptable alternative to the "control device" or "alarm signal" required by 10 CFR 20.1601(a) and 10 CFR 20.1601(b):**

- a. Each High Radiation Area in which the intensity of radiation is greater than 100 mrem/hr but less than 1000 mrem/hr shall be barricaded and conspicuously posted as a High Radiation Area and entrance thereto shall be controlled by issuance of a Radiation Work Permit and any individual or group of individuals permitted to enter such areas shall be provided with a radiation monitoring device which continuously indicates the radiation dose rate in the area.**
- b. Each High Radiation Area in which the intensity of radiation is greater than 1000 mrem/hr shall be subject to the provisions of 4.1.8.1(a) above, and, in addition, locked doors shall be provided to prevent unauthorized entry to such areas and the keys shall be maintained under the administrative control of the Radiation Protection Manager and/or the Shift Manager on duty.**

#### **4.1.9 Spent Fuel Storage and Handling**

**4.1.9.1 All irradiated fuel shall be stored in the racks provided in the Fuel Handling Building Storage pools, with sufficient shielding that ensures that the radiation level on the operating deck is  $\leq 15$  mr/hr. Should the radiation level be found to be above 15 mr/hr, corrective action shall be initiated to restore the level to  $\leq 15$  mr/hr.**



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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION

RELATED TO AMENDMENT NO. 48

TO FACILITY OPERATING LICENSE NO. DPR-5

CONSOLIDATED EDISON COMPANY OF NEW YORK, INC.

INDIAN POINT NUCLEAR GENERATING STATION, UNIT 1

DOCKET NO. 50-003

1.0 INTRODUCTION

By application dated February 14, 2000, the Consolidated Edison Company of New York, Inc. (the licensee) requested a license amendment for the Indian Point Nuclear Generating Station, Unit 1. This amendment would revise Technical Specification (TS) Sections 2.10.2, 3.1.2, 3.2.1, 4.1.8.1, and 4.1.8.1.b.

2.0 EVALUATION

TS Sections 3.1.2, 3.2.1, and 4.1.8.1.b, contain organizational title changes that are administrative in nature and reflect a streamlining of the licensee's management structure. TS Section 4.1.8.1 is changed to reference paragraph numbers in the current version of 10 CFR Part 20. In 1994, a major revision to 10 CFR Part 20 changed the numbering of every paragraph, including those that require specific control over High Radiation Areas. This TS change will update the defunct references (10 CFR 20.203)(c)(2)) to the current paragraph numbers (e.g., 20.1601(a) and (b)). This revision does not affect the intent or application of the original TSs. A footnote was moved from Section 2.11 to Section 2.10 to improve the clarity of the TS, since it pertains to text in subsection 2.10.2.4.

The proposed changes are considered administrative in nature since there are no changes in the function, operation, or physical configuration of the plant. The administrative changes do not represent a reduction in safety and are intended to maintain consistency and clarity of the TS. Therefore, the proposed changes to the TS do not involve a significant hazards consideration and the staff finds the proposed changes acceptable.

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 request deals with reporting requirements and is administrative in nature. 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 the amendment.

#### 5.0 CONCLUSION

The staff 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) 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: R. Pedersen

Date: October 12, 2000

Mr. A. Alan Blind  
Vice President, Nuclear Power  
Consolidated Edison Company  
of New York, Inc.  
Broadway and Bleakley Avenue  
Buchanan, NY 10511

October 12, 2000

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AMENDMENT RE: ADMINISTRATIVE CHANGE TO TECHNICAL  
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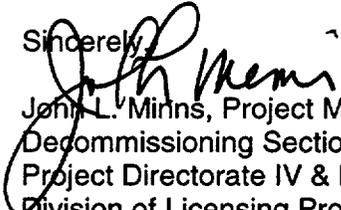
Dear Mr. Blind:

The U.S. Nuclear Regulatory Commission (the Commission) has issued the enclosed Amendment No. 48 to Facility Operating License No. DPR-5 for the Indian Point Nuclear Generating Station, Unit No. 1 (IP1). The amendment consists of changes to the Technical Specifications (TSs) in response to your application transmitted by letter dated February 14, 2000.

The amendment change to IP1 revises TS Sections 2.10.2, 3.1.2, 3.2.1, 4.1.8.1, and 4.1.8.1.b. Specifically, Sections 3.1.2, 3.2.1, and 4.1.8.1.b, are organizational title changes that are administrative in nature and reflect a streamlining of the Consolidated Edison Company of New York, Inc.'s management structure. Section 4.1.8.1 is changed to reflect the renumbering of Part 20 of Title 10 of the *Code of Federal Regulations* (10 CFR). A footnote was moved from Section 2.11 to Section 2.10.2 to improve the clarity of the TS since it pertains to text in subsection 2.10.2.4.

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

Sincerely,

  
John L. Minns, Project Manager  
Decommissioning Section  
Project Directorate IV & Decommissioning  
Division of Licensing Project Management  
Office of Nuclear Reactor Regulation

Docket No. 50-003

Enclosures: 1. Amendment No. 48 to DPR-5  
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cc w/encls: See next page

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\*See previous Concurrence

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Mr. A. Alan Blind  
 Vice President, Nuclear Power  
 Consolidated Edison Company  
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 Broadway and Bleakley Avenue  
 Buchanan, NY 10511

SUBJECT: INDIAN POINT NUCLEAR GENERATING STATION, UNIT 1 - ISSUANCE OF  
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Sincerely,

  
 John L. Minns, Project Manager  
 Decommissioning Section  
 Project Directorate IV & Decommissioning  
 Division of Licensing Project Management  
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ACCESSION NUMBER: ML00

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