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AUG 9 1973

Docket No. 50-247

Consolidated Edison Company of New York, Inc.  
 ATTN: Mr. William J. Cahill, Jr.  
 Vice President  
 4 Irving Place  
 New York, New York 10003

Gentlemen:

Pursuant to a supplemental Initial Decision of the Atomic Safety and Licensing Board dated August 9, 1973, the Commission has issued an operating license to Consolidated Edison Company of New York, Inc. for operation of the Indian Point Nuclear Generating Unit No. 2. Amendment No. 3 to DPR-26 authorizes continued testing and steady state reactor core power operations at 1379 megawatts thermal (50 percent of full power) through September 30, 1973, in accordance with the provisions of the license and the Technical Specifications. A copy of a related notice which has been forwarded to the Office of the Federal Register for filing and publication is also enclosed.

Sincerely,

Official Capacity  
 K. Knief

Karl Knief, Chief  
 Pressurized Water Reactors Branch No. 2  
 Directorate of Licensing

Enclosures:

1. Amendment No. 3 to DPR-26
2. Federal Register Notice

bcc: HJMcAlduff, ORO (w/o TS)  
 JRBuchanan, ORNL  
 TBAbernathy, DTIE  
 ARosenthal, ASLAB  
 NHGoodrich, ASLBP

ccs:  
 Listed on page 2

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| SURNAME ▶ | MService:eag | KKnief  | DMuller | MKarman | JSaltzman |
| DATE ▶    | 8/9/73       | 8/9/73  | 8/9/73  | 8/9/73  | 8/ /73    |

Consolidated Edison Company - 2 -  
of New York, Inc.

ccs:  
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New York State Atomic Energy Council  
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Natural Resources Defense Council, Inc.  
36 West 44th Street  
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Paul S. Shemin, Esquire  
New York State Attorney General's Office  
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New York, New York 10013

Dr. William E. Seymour  
Staff Coordinator  
New York State Atomic Energy Council  
New York State Department of Commerce  
112 State Street  
Albany, New York 12207

Dr. David Harwood  
Director of Technical Assessment Division  
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Office of Radiation Programs  
Environmental Protection Agency  
4th & M Streets, S. W.  
Washington, D. C. 20460

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Consolidated Edison Company  
of New York, Inc.

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ccs (continued):

Mr. Gerald M. Hansler  
Regional Administrator  
26 Federal Plaza  
Room 908  
New York, New York 10007

Mr. Bruce Blanchard  
Environmental Projects Review  
Department of the Interior  
Room 5321  
18th and C Streets, N. W.  
Washington, D. C. 20240

Mr. William Holmberg  
Office of Federal Activities  
Environmental Protection Agency  
Room 3632, Waterside Mall  
Washington, D. C. 20460

Colonel William Barnes  
Executive Director of Civil Works  
Office of the Chief of Engineers  
Corps of Engineers  
Department of the Army  
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Washington, D. C. 20314



UNITED STATES  
ATOMIC ENERGY COMMISSION  
WASHINGTON, D.C. 20545

CONSOLIDATED EDISON COMPANY OF NEW YORK, INC.

Indian Point Nuclear Generating Unit No. 2

DOCKET NO. 50-247

FACILITY OPERATING LICENSE

License No. DPR-26  
Amendment No. 3

1. The Atomic Energy Commission (The Commission) having found that:
  - A. The application for license filed by Consolidated Edison Company of New York, Inc. (the licensee) 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, and all required notifications to other agencies or bodies have been duly made;
  - B. Construction of the Indian Point Nuclear Generating Unit No. 2 (facility) has been substantially completed in conformity with Provisional Construction Permit No. CPPR-21, as amended, and the application, as amended, the provisions of the Act and the rules and regulations of the Commission;
  - C. The facility will operate in conformity with the application, as amended, the provisions of the Act, and the rules and regulations of the Commission;
  - D. There is reasonable assurance: (i) that the activities authorized by this operating license can be conducted without endangering the health and safety of the public, and (ii) that such activities will be conducted in compliance with the rules and regulations of the Commission;
  - E. The licensee is technically and financially qualified to engage in the activities authorized by this amended license in accordance with the rules and regulations of the Commission;
  - F. The licensee has satisfied the applicable provisions of 10 CFR Part 140, "Financial Protection Requirements and Indemnity Agreements," of the Commission's regulations;

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- G. The issuance of this amended license will not be inimical to the common defense and security or to the health and safety of the public;
  - H. After weighing the environmental, economic, technical, and other benefits of the facility against environmental costs and considering available alternatives, the issuance of this amendment to Facility Operating License No. DPR-26, is in accordance with 10 CFR Part 50, Appendix D, of the Commission's regulations and all applicable requirements of said Appendix D have been satisfied; and
  - I. The receipt, possession, and use of source, byproduct and special nuclear material as authorized by this amended license will be in accordance with the Commission's regulations in 10 CFR Part 30 and 70, including 10 CFR Section 30.33, 70.23 and 70.31.
2. Facility Operating License No. DPR-26, as amended, issued to Consolidated Edison Company of New York, Inc. is hereby amended in its entirety to read as follows:
- A. This amended license applies to the Indian Point Nuclear Generating Unit No. 2, a pressurized water nuclear reactor and associated equipment (the facility), which is owned by Consolidated Edison Company of New York, Inc. The facility is located in Westchester County, New York, and is described in the "Final Facility Description and Safety Analysis Report," as supplemented and amended.
  - B. Subject to the conditions and requirements incorporated herein, the Commission hereby licenses Consolidated Edison Company of New York, Inc.:
    - (1) Pursuant to Section 104b of the Act and 10 CFR Part 50, "Licensing of Production and Utilization Facilities," to possess, use, and operate the facility at the designated location in Westchester County, New York, in accordance with the procedures and limitations set forth in this license;
    - (2) Pursuant to the Act and 10 CFR Part 70, "Special Nuclear Material," to receive, possess, and use at any time in connection with operation of the facility:

- (a) Uranium-235, 4200 kilograms;
  - (b) Plutonium-238, 20 grams;
  - (c) Plutonium-239, 3 grams, contained in 4 plutonium-beryllium neutron sources.
- (3) Pursuant to the Act and 10 CFR Part 30, "Rules of General Applicability to Licensing of Byproduct Material," to receive, possess, and use in connection with operation of the facility:
- (a) Cesium-137, one source of 5 curies, one source of 100 millicuries, and one source of 10 millicuries, all as sealed sources, and one source of 1 millicurie, without restriction as to chemical or physical form.
  - (b) Cobalt-60, (seven sources) one source of 10 millicuries, one source of 1 millicurie, two sources of 60 microcuries each, and two sources of 200 microcuries each, all as sealed sources, and one source not to exceed 200 microcuries, without restriction as to chemical or physical form.
  - (c) Strontium-90, (four sources) three of 1 millicurie each as sealed sources, and one source not to exceed 200 microcuries, without restriction as to chemical or physical form.
  - (d) Cobalt-58, one source of 200 microcuries, each without restriction as to physical form.
  - (e) Zirconium-95, one source of 200 microcuries, each without restriction as to physical form.
  - (f) Chromium-51, one source of 200 microcuries, each without restriction as to physical form.
  - (g) Iodine-131, one source of 200 microcuries, each without restriction as to physical form.
  - (h) Iron-59, one source of 200 microcuries, each without restriction as to physical form.

- (i) Manganese-54, one source of 200 microcuries, each without restriction as to physical form.
- (j) Silver-110, one source of 200 microcuries, each without restriction as to physical form.
- (k) Hafnium-181, one source of 300 microcuries, without restriction as to physical form.
- (l) Krypton-85, one source of one curie, without restriction as to physical form.

C. This amended license shall be deemed to contain and is subject to the conditions specified in the following Commission regulations in 10 CFR Chapter I: Part 20, Section 30.34 of Part 30, Sections 50.54 and 50.59 of Part 50, and Section 70.32 of Part 70; is subject to all applicable provisions of the Act and to the rules, regulations, and orders of the Commission now or hereafter in effect; and is subject to the additional conditions specified or incorporated below:

(1) Maximum Power Level

"The Licensee is authorized to operate the facility for testing purposes at reactor core power levels not in excess of 1379 megawatts thermal (50 percent of the rated power level of the facility)."

"Effective August 9, 1973, the Licensee is further authorized to operate the facility at steady state reactor core power levels not in excess of 1379 megawatts thermal (50 percent of the rated power level of the facility), provided that unless extended for good cause shown, this additional authority shall expire at midnight September 30, 1973 or upon the earlier issuance of a subsequent licensing action."

(2) Technical Specifications

The radiological Technical Specifications contained in Appendix A as issued with Amendment 1 to DPR-26 on April 20, 1973, and as modified by Change No. 2 attached hereto are hereby incorporated in this license. The environmental Technical Specifications contained in Appendix B dated August 9, 1973, attached hereto are hereby incorporated in this license. The licensee shall operate the facility in accordance with the Technical Specifications.

- D. Pursuant to Section 50.60 of 10 CFR Part 50, paragraph 4 of Provisional Construction Permit No. CPPR-21 allocating quantities of special nuclear material, together with the related estimated schedules contained in Appendix A attached to said provisional construction permit, shall remain in effect.
- E. This license is effective as of the date of issuance, and shall expire at midnight on September 30, 1973

FOR THE ATOMIC ENERGY COMMISSION

*A. Giambusso*

A. Giambusso, Deputy Director  
for Reactor Projects  
Directorate of Licensing

Attachment:  
Appendices A and B -  
Technical Specifications

Date of Issuance:

**AUG 9** 1973

UNITED STATES ATOMIC ENERGY COMMISSION

DOCKET NO. 50-247

CONSOLIDATED EDISON COMPANY OF NEW YORK, INC.

INDIAN POINT NUCLEAR GENERATING UNIT NO. 2

NOTICE OF ISSUANCE OF AMENDMENT TO FACILITY OPERATING LICENSE

Notice is hereby given that pursuant to a supplemental Initial Decision of the Atomic Safety and Licensing Board dated August 9, 1973, the Atomic Energy Commission (the Commission) has issued Amendment No. 3 to Facility Operating License No. DPR-26 to Consolidated Edison Company of New York, Inc. authorizing continued testing and operation of the Indian Point Nuclear Generating Unit No. 2 at steady state reactor core power levels not in excess of 1379 megawatts thermal, in accordance with the provisions of the license and the Technical Specifications. This authority shall expire at midnight September 30, 1973, or upon the earlier issuance of a subsequent licensing action. The Indian Point Nuclear Generation Unit No. 2 is a pressurized water nuclear reactor located at the licensee's site in Westchester County, New York.

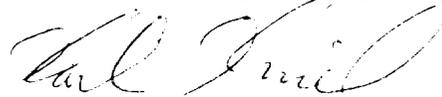
The Commission has made appropriate findings as required by the Atomic Energy Act of 1954, as amended (the Act), and the Commission's rules and regulations in 10 CFR Chapter I, which are set forth in the license. The application for the license complies with the standards and requirements of the Act and the Commission's rules and regulations.

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A copy of (1) the supplemental Initial Decision dated August 9, 1973; (2) Amendment No. 3 to Facility Operating License No. DPR-26; (3) the report of the Advisory Committee on Reactor Safeguards dated September 23, 1970; (4) the Directorate of Licensing's Safety Evaluation dated November 16, 1970, and Supplements 1, 2, and 3 thereto, dated November 20, 1970; July 1971; and September 3, 1971; respectively; (5) The Final Facility Description and Safety Analysis Report and amendments thereto; (6) the applicant's Environmental Report dated August 6, 1970 and supplements thereto; (7) the Draft Environmental Statement dated April 13, 1972; and (8) the Final Environmental Statement dated September 1972, are available for public inspection at the Commission's Public Document Room at 1717 H Street, N.W., Washington, D. C., and the Hendrick Hudson Free Library, 31 Albany Post Road, Montrose, New York 10548. A copy of the license and the Safety Evaluation may be obtained upon request addressed to the United States Atomic Energy Commission, Washington, D. C. 20545, Attention: Deputy Director for Reactor Projects, Directorate of Licensing.

Dated at Bethesda, Maryland, this <sup>9<sup>th</sup></sup> day of August 1973.

FOR THE ATOMIC ENERGY COMMISSION



Karl Kniel, Chief  
Pressurized Water Reactors Branch No. 2  
Directorate of Licensing