

Docket No. 30-247

OCT 14 1966

Consolidated Edison Company
of New York, Inc.
4 Irving Place
New York, New York 10003

Attention: Mr. W. C. Seattle
Vice President

Gentlemen:

Enclosed is Construction Permit No. CPER-21 which has been issued pursuant to the Atomic Safety and Licensing Board's Initial Decision dated October 3, 1966. The construction permit authorizes Consolidated Edison Company of New York, Inc., to construct the Indian Point Station Unit No. 2 at its Indian Point site in the Town of Buchanan, Westchester County, New York.

Also enclosed is a copy of a related notice which has been transmitted to the Office of the Federal Register for publication.

Sincerely yours,

Original signed by
E. G. Case

Peter A. Morris, Director
Division of Reactor Licensing

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Enclosures:
As stated above

cc: Arvin E. Upton, Esquire
Messrs. Lohouf, Lamb & Leiby
1821 Jefferson Place, N. W.
Washington, D. C. 20036

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UNITED STATES ATOMIC ENERGY COMMISSION

DOCKET NO. 50-247

CONSOLIDATED EDISON COMPANY OF NEW YORK, INC.

NOTICE OF ISSUANCE OF PROVISIONAL CONSTRUCTION PERMIT

Please take notice that, pursuant to the Initial Decision of the Atomic Safety and Licensing Board, dated October 3, 1966, the Director of the Division of Reactor Licensing has issued Provisional Construction Permit No. CPPR-21 to Consolidated Edison Company of New York, Inc., for the construction of a pressurized water nuclear reactor, designated as Indian Point Station Unit No. 2, to be located at Consolidated Edison Company's Indian Point site on the Hudson River in the Town of Buchanan, Westchester County, New York.

The construction permit is in the form set forth in Attachment "B" to the Initial Decision except that the allocation figure specified in paragraph 4 has been increased to reflect the greatest quantity of special nuclear material (24,325 kilograms of uranium 235) outstanding during the term of the license, and a typographical error in line 1 of subparagraph 2.B. has been corrected to change the work "operated" to "located".

A copy of the Initial Decision is on file in the Commission's Public Document Room, 1717 H Street, N. W., Washington, D. C.

FOR THE ATOMIC ENERGY COMMISSION

Original signed by
E. G. Case

Peter A. Morris, Director
Division of Reactor Licensing

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Dated at Bethesda, Maryland
this 14 of October, 1966.



UNITED STATES
ATOMIC ENERGY COMMISSION

WASHINGTON, D.C. 20545

CONSOLIDATED EDISON COMPANY OF NEW YORK, INC.

DOCKET NO. 50-247

PROVISIONAL CONSTRUCTION PERMIT

Construction Permit No. CPPR-21

1. Pursuant to Section 104b of the Atomic Energy Act of 1954, as amended (the Act), and Title 10, Chapter 1, Code of Federal Regulations, Part 50, Licensing of Production and Utilization Facilities, and pursuant to the order of the Atomic Safety and Licensing Board, the Atomic Energy Commission (the Commission) hereby issues a provisional construction permit to Consolidated Edison Company of New York, Inc. (Consolidated Edison) for a utilization facility (being a part of an electric generating plant designated as Indian Point Station Unit No. 2) described in the application and amendments thereto filed in this matter by Consolidated Edison and as also described in the evidence received at the public hearing upon that application. The utilization facility is a pressurized water reactor having a thermal capacity of and designated to operate at 2758 megawatts. The plant of which the facility is a part will be located on the Hudson River in the Village of Buchanan, Westchester County, New York.
2. This permit shall be deemed to contain and is subject to the conditions specified in Sections 50.54 and 50.55 of said regulations; is subject to all applicable provisions of the Act, and rules, regulations and orders of the Commission now or hereafter in effect; and is subject to the conditions specified or incorporated below:
 - A. The earliest date for completion of the facility is January 1, 1969 and the latest date for completion of the facility is June 1, 1969.
 - B. The facility shall be constructed and located at the site as described in the application as amended in the Village of Buchanan, Westchester County, New York.
 - C. This construction permit authorizes Consolidated Edison to construct the facility described in the application and the hearing record in accordance with the principal architectural and engineering criteria set forth therein.

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3. This permit is provisional to the extent that a license authorizing operation of the facility will not be issued by the Commission unless:
(A) Consolidated Edison submits to the Commission, by amendment to the application, the complete final hazards summary report, portions of which may be submitted and evaluated from time to time; (B) the Commission finds that the final design provides reasonable assurance that the health and safety of the public will not be endangered by the operation of the facility in accordance with procedures approved by it in connection with the issuance of said license; and (C) Consolidated Edison submits proof of financial protection and the execution of an indemnity agreement as required by Section 170 of the Act.
4. Pursuant to Section 50.60 of the regulations in Title 10, Chapter 1, CFR, Part 50, the Commission has allocated to Consolidated Edison for use in the operation of the reactor 24,325 kilograms of uranium 235 contained in uranium in the isotopic ratios specified in the application. Estimated schedules of special nuclear material transfers to Consolidated Edison and returns to the Commission are contained in Appendix A which is attached hereto. Transfers by the Commission to Consolidated Edison in accordance with the column entitled "AEC to Con Ed" in Appendix A will be conditioned upon Consolidated Edison's return to the Commission of material substantially in accordance with the column entitled "Con Ed to AEC" in Appendix A.

FOR THE ATOMIC ENERGY COMMISSION

Original signed by
E. G. Case

Peter A. Morris, Director
Division of Reactor Licensing

Attachment:
Appendix A

Date of Issuance: OCT 14 1966

APPENDIX A

ALLOCATION OF SPECIAL NUCLEAR MATERIALS
TO CONSOLIDATED EDISON COMPANY
INDIAN POINT #2
(KG U-235)

FY	AEC to Con Ed <u>1/</u>	Con Ed to AEC		Year Net	Cumulative Net
		Cold <u>1/</u>	Irrad. <u>4/</u>		
1968	2,378 <u>2/</u>	-0-	-0-	2,378	2,378
1969	-0-	238 <u>3/</u>	-0-	(238)	2,140
1970	1,904	-0-	-0-	1,904	4,044
1971	952	190	295 <u>5/</u>	467	4,511
1972	952	95	206 <u>6/</u>	651	5,162
1973	952	95	197 <u>7/</u>	660	5,822
1974	952	95	252	605	6,427
1975	952	95	504	353	6,780
1976	952	95	252	605	7,385
1977	952	95	252	605	7,990
1978	952	95	252	605	8,595
1979	952	95	252	605	9,200
1980	952	95	252	605	9,805
1981	952	95	252	605	10,410
1982	952	95	252	605	11,015
1983	952	95	252	605	11,620
1984	952	95	252	605	12,225
1985	952	95	252	605	12,830
1986	952	95	252	605	13,435
1987	952	95	252	605	14,040
1988	952	95	252	605	14,645
1989	952	95	252	605	15,250
1990	952	95	252	605	15,855
1991	952	95	252	605	16,460
1992	952	95	252	605	17,065
1993	952	95	252	605	17,670
1994	952	95	252	605	18,275
1995	952	95	252	605	18,880
1996	952	95	252	605	19,485

(continued)

1/ 2.92% unless otherwise indicated.2/ 727 kg at 2.23%; 776 kg at 2.38; 875 kg at 2.68.3/ 73 kg at 2.23%; 77 kg at 2.38; 88 kg at 2.68.4/ 0.92% unless otherwise indicated5/ 1.06%6/ 0.75%7/ 0.72%

Allocation of Special Nuclear Materials to
Consolidated Edison Company, Indian Point #2
(Kg U-235)

pg. 2

<u>FY</u>	<u>AEC to Con Ed</u>	<u>Con Ed to AEC</u>		<u>Year Net</u>	<u>Cumulative Net</u>
		<u>Cold</u>	<u>Irrad.</u>		
1997	952	95	252	605	20,090
1998	952	95	252	605	20,695
1999	952	95	252	605	21,300
2000	952	95	252	605	21,905
2001	952	95	252	605	22,510
2002	952	95	252	605	23,115
2003	952	95	252	605	23,720
2004	952	95	252	605	24,325
2005	-0-	95	252	(347)	23,978
2006	-0-	-0-	252	(252)	23,726
2007	-0-	-0-	252	(252)	23,474
2008	-0-	-0-	252	(252)	23,222
TOTAL	36,650	3,658	9,770	23,222	---