

Docket Files

FEBRUARY 15 1979

Docket Nos. 50-286

Mr. George T. Berry
General Manager and Chief Engineer
Power Authority of the State
of New York
10 Columbus Circle
New York, New York 10019

Dear Mr. Berry:

The Commission has issued the enclosed Amendment No. 22 to Facility License No. DPR-64 for Indian Point Nuclear Generating, Unit No. 3. This amendment consists of changes to the technical specifications in response to your request dated December 5, 1978.

This amendment revised the Technical Specifications to delete the method for calculating the rate of heat rejection to the river. We find it more appropriate to include this calculational method in a plant procedure rather than in a subsection of a limiting condition of operation.

We have evaluated the potential for environmental impact of plant operation in accordance with the enclosed amendment. We have determined that the amendment does not authorize a change in effluent types or total amounts nor an increase in power level, and will not result in any significant environmental impact. Having made this determination, we have further concluded that the amendment involves an action which is insignificant from the standpoint of environmental impact and pursuant to 10 CFR §51.5(d)(4) that an environmental impact statement, negative declaration or environmental impact appraisal need not be prepared in connection with the issuance of this amendment.

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Mr. George T. Berry
 Power Authority of the State
 of New York

- 2 -

Since the amendment applies only to deletion of a calculational method, it does not involve significant new safety information of a type not considered by a previous Commission safety review of the facility. It does not involve a significant increase in the probability or consequences of an accident, does not involve a significant decrease in a safety margin, and therefore does not involve a significant hazards consideration. We have also concluded that there is reasonable assurance that the health and safety of the public will not be endangered by this action.

A copy of the related Notice of Issuance is also enclosed.

Sincerely,

Original Signed By

A. Schwencer, Chief
 Operating Reactors Branch #1
 Division of Operating Reactors

Enclosures:

1. Amendment No. 22 to DPR-64
2. Notice of Issuance

cc: w/enclosures
 See next page

TAC No. 11149

OFFICE >	DOR:ORB1	DOR:ORB1	DOR:ORB1	OELD	DOR:ORB1
SURNAME >	LNO:shan:ib	CSParrish	Dear	S.H. Lewis	ASchwencer
DATE >	01/31/79	2/2/79	2/6/79	2/14/79	2/15/79

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

February 15, 1979

Docket Nos. 50-286

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General Manager and Chief Engineer
Power Authority of the State
of New York
10 Columbus Circle
New York, New York 10019

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Mr. George T. Berry
Power Authority of the State
of New York

- 2 -

February 15, 1979

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Sincerely,



A. Schwencer, Chief
Operating Reactors Branch #1
Division of Operating Reactors

Enclosures:

1. Amendment No. 22 to DPR-64
2. Notice of Issuance

cc: w/enclosures
See next page

Power Authority of the State - 3 -
of New York

February 15, 1979

cc: White Plains Public Library
100 Martine Avenue
White Plains, New York 10610

Mr. Lewis R. Bennett
Assistant General Manager-
General Counsel
Power Authority of the St. of NY
10 Columbus Circle
New York, New York 10019

Anthony Z. Roisman
Natural Resources Defense Council
917 - 15th Street, NW
Washington, D.C. 20005

Paul S. Shemin, Esquire
Assistant Attorney General
State of New York
Department of Law
Two World Trade Center
New York, New York 10047

Sarah Chasis, Esquire
Natural Resources Defense Council
122 East 42nd Street
New York, New York 10017

Mr. George M. Wilverding
Licensing Supervisor
Power Authority of the State
of New York
10 Columbus Circle
New York, New York 10019

Mr. P. W. Lyon
Manager - Nuclear Operations
Power Authority of the State
of New York
10 Columbus Circle
New York, New York 10019

Mr. J. P. Bayne, Resident Manager
Indian Point 3 Nuclear Power Plant
P. O. Box 215
Buchanan, New York 10511

Power Authority of the State
of New York
Environmental Programs
J. W. Blake, Ph.D.
Director
10 Columbus Circle
New York, New York 10019

Edward J. Sack, Esquire
Law Department
Consolidated Edison Company
of New York, Inc.
4 Irving Place
New York, New York 10003

Jeffrey C. Cohen, Esquire
New York State Energy Office
Swan Street Building
CORE 1 - Second Floor
Empire State Plaza
Albany, New York 12223

Honorable George Begany
Mayor, Village of Buchanan
188 Westchester Avenue
Buchanan, New York 10511

Director, Technical Development
Programs
State of New York Energy Office
Agency Building 2
Empire State Plaza
Albany, New York 12223

Director, Technical Assessment Division
Office of Radiation Programs. (AW-459)
U. S. Environmental Protection Agency
Crystal Mall #2
Arlington, Virginia 20460

U.S. Environmental Protection Agency
Region II Office
ATTN: EIS COORDINATOR
26 Federal Plaza
New York, New York 10007

Power Authority of the State
of New York

- 4 - February 15, 1979

cc: Theodore A. Rebelowski
USNRC
P. O. Box 38
Buchanan, New York 10511



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

POWER AUTHORITY OF THE STATE OF NEW YORK, INC.

DOCKET NO. 50-286

INDIAN POINT NUCLEAR GENERATING UNIT NO. 3

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 22
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 December 5, 1978, 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.

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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:

(2) Technical Specifications

The Technical Specifications contained in Appendices A and B, as revised through Amendment No. 22, 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



A. Schwencer, Chief
Operating Reactors Branch #1
Division of Operating Reactors

Attachment:
Changes to the Technical
Specifications

Date of Issuance: February 15, 1979

ATTACHMENT TO LICENSE AMENDMENT NOS. 22, 47 AND 22

TO THE TECHNICAL SPECIFICATIONS

PROVISIONAL OPERATING LICENSE NO. DPR-5

AND FACILITY OPERATING LICENSE NOS. DPR-26 AND DPR-64

DOCKET NOS. 50-3, 50-247, AND 50-286

Replace the following pages of the Appendix "B" Environmental Technical Specifications with the enclosed pages. The revised pages are identified by amendment numbers in the lower left corner. Since these pages are common to the Technical Specifications in all the Indian Point Units, the amendment numbers applicable to each Unit are listed on each page. Vertical lines in the right margin indicate the area of change associated with this amendment action.

Remove

2.1-9
2.1-10

Replace

2.1-9
2.1-10

Bases (Cont'd)

of less than 1.2F°. An upper limit of 98°F of the discharge water at the discharge port is thereby being set.

The thermal discharges shall also be maintained at all times to adequately protect aquatic biota against exposure to excess temperatures and to comply with the New York State thermal criteria presented in Section 4.1.1.a.

2.1.3 Maximum Heat Rejection Rate (Btu/hr)Objective

To limit the maximum heat discharged with the heated coolant water into the Hudson River.

Specification

2.1.3.1 The maximum rate of heat rejected into the river with the discharged heated coolant water, determined on a daily average basis, shall not exceed the sum of 16.3×10^9 Btu/hr.

All thermal discharges shall occur through the subsurface ports of the outfall structure.

Bases

The heat rejected is a function of the reactor core design, the primary

2.1-9

Bases (Cont'd)

water. The placement of this temperature sensor at a 5.5 foot depth in the discharge canal will provide for temperature measurements representative of the discharge water before mixing with the receiving water.

3.1.3 Maximum Heat Rejection Rate (Btu/hr)Objective

To calculate the maximum heat rejection rate.

Specification

3.1.3.1 The heat output in Btu/hr for all Units in operation shall be averaged daily and reported in accordance with Section 5.6.1.1 Annual Environmental Operating Report.

Bases

Calculation of the heat rejection rate to the river will be made for use in determining compliance with the limiting condition of operation contained in Section 2.1.3.

Amendment No. 22, Unit 1
Amendment No. 47, Unit 2
Amendment No. 22, Unit 3

2.0 LIMITING CONDITIONS FOR OPERATION

3.0 MONITORING REQUIREMENTS

2.1.3.1 Specification (Cont'd)

Bases (cont'd)

and secondary coolant heat transfer system, and the spent steam temperature and volume as the steam reaches the condenser tubes. The maximum condenser heat output for each plant under nominal conditions is as follows:

Unit No. 1, 2.0×10^9 Btu/hr; Unit No. 2, 6.5×10^9 Btu/hr; and Unit No. 3, 7.1×10^9 Btu/hr. Deviations of approximately 5% from these numbers can be expected and will be reflected in condenser vacuum. With fluctuations in power output of the plants, the heat rejected to the river will fluctuate with 16.3×10^9 Btu/hr being representative of an upper limit on a daily average basis.

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UNITED STATES NUCLEAR REGULATORY COMMISSION

DOCKET NOS. 50-3, 50-247, AND 50-286

CONSOLIDATED EDISON COMPANY OF NEW YORK, INC.

POWER AUTHORITY OF THE STATE OF NEW YORK

NOTICE OF ISSUANCE OF AMENDMENT TO FACILITY
OPERATING LICENSE

The U. S. Nuclear Regulatory Commission (the Commission) has issued Amendment Nos. 22 and 47 to Provisional Operating License No. DPR-5 and Facility Operating License No. DPR-26 issued to Consolidated Edison Company of New York, Inc. and Amendment No. 22 to Facility Operating License No. DPR-64 issued to Power Authority of the State of New York (the licensees), which revised Technical Specifications for operation of the Indian Point Station, Unit No. 1 and Indian Point Generating Plant, Unit Nos. 2 and 3 (the facilities) located in Buchanan, Westchester County, New York. The amendment is effective as of the date of issuance.

These amendments revised the Technical Specifications to delete the method for calculating the rate of heat rejection to the river.

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

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- 2 -

license amendment. Prior public notice of these amendments were not required since the amendments did not involve a significant hazards consideration.

The Commission has determined that the issuance of these amendments will not result in any significant environmental impact and that pursuant to 10 CFR §1.5(d)(4) an environmental impact statement or negative declaration and environmental impact appraisal need not be prepared in connection with issuance of these amendments.

For further details with respect to this action, see (1) the application for amendment dated December 5, 1978; (2) Amendment Nos. 22 , 47 , and 22 to DPR-5, DPR-26 and DPR-64, respectively; and (3) the Commission's letter dated All of these items are available for public inspection at the Commission's Public Document Room, 1717 H Street, N.W., Washington, D. C. and at the White Plains Public Library, 100 Martine Avenue, White Plains, New York. A copy of items (2) and (3) may be obtained upon request addressed to the U. S. Nuclear Regulatory Commission, Washington, D. C. 20555, Attention: Director, Division of Operating Reactors.

Dated at Bethesda, Maryland, this 15th day of February, 1979.

FOR THE NUCLEAR REGULATORY COMMISSION



A. Schwencer, Chief
Operating Reactors Branch #1
Division of Operating Reactors