

November 28, 1989

Docket No. 50-247

Mr. Stephen B. Bram
Vice President, Nuclear Power
Consolidated Edison Company
of New York, Inc.
Broadway and Bleakley Avenue
Buchanan, New York 10511

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Dear Mr. Bram:

SUBJECT: NOTICE OF ENVIRONMENTAL ASSESSMENT AND FINDING OF NO SIGNIFICANT
IMPACT RELATING TO INCREASE OF RATED CORE POWER
(TAC NO. 69542)

Enclosed is a copy of an "Environmental Assessment and Finding of No Significant Impact" for your information. This environmental assessment relates to your letter dated September 30, 1988, as supplemented January 10, March 30, and April 14, 1989, regarding your application for a license amendment to increase the presently rated core power level of 2758 megawatts-thermal (MWt) to 3071.4 MWt.

The environmental assessment has been forwarded to the Office of the Federal Register for publication.

Sincerely,

Original signed by

Donald S. Brinkman, Senior Project Manager
Project Directorate I-1
Division of Reactor Projects - I/II
Office of Nuclear Reactor Regulation

Enclosure:
Environmental Assessment and Finding
of No Significant Impact

cc w/enclosure:
See next page

[BRAM LETTER]

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PDI-1/PM *DBB*
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UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

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Vice President, Nuclear Power
Consolidated Edison Company
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Broadway and Bleakley Avenue
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Sincerely,

A handwritten signature in cursive script, reading "Donald S. Brinkman", is written above the typed name.

Donald S. Brinkman, Senior Project Manager
Project Directorate I-1
Division of Reactor Projects I/II
Office of Nuclear Reactor Regulation

Enclosure:
Environmental Assessment and Finding
of No Significant Impact

cc w/enclosure:
See next page

Mr. Stephen B. Bram
Consolidated Edison Company
of New York, Inc.

Indian Point Nuclear Generating
Station 1/2

cc:

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Buchanan, New York 10511

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120 Broadway
New York, New York 10271

UNITED STATES NUCLEAR REGULATORY COMMISSION
CONSOLIDATED EDISON COMPANY OF NEW YORK, INC.
INDIAN POINT NUCLEAR GENERATING, UNIT NO. 2
DOCKET NO. 50-247
ENVIRONMENTAL ASSESSMENT AND FINDING OF
NO SIGNIFICANT IMPACT

The U. S. Nuclear Regulatory Commission (the Commission) is considering issuance of an amendment to Facility Operating License No. DPR-26 issued to Consolidated Edison Company of New York, Inc. (the licensee), for operation of the Indian Point Nuclear Generating Unit No. 2, located in Westchester County, New York.

ENVIRONMENTAL ASSESSMENT

Identification of Proposed Action:

This Environmental Assessment is written in connection with the proposed core power level increase for the Indian Point Nuclear Generating Unit No. 2 in response to the licensee's application for a license amendment dated September 30, 1988, as supplemented January 10, March 30, and April 14, 1989. The proposed action would increase the rated core power level for Indian Point Unit 2 from the current level of 2758 Megawatts-thermal (MWt) to 3071.4 MWt, and upgrade the Nuclear Steam Supply System (NSSS) thermal power from the current level of 2770 MWt to 3083.4 MWt. This increase would represent an increase of approximately 11.3 percent over the current rated core power and NSSS thermal power.

The Need for the Proposed Action:

The proposed action would increase the electrical output by approximately 115 Megawatts-electrical (MWe) and thus provide additional electric power to

the grid which services the commercial and domestic areas in the State of New York.

Environmental Impacts of the Proposed Action:

A slight change in environmental impact can be expected for the proposed increase in power. The proposed core uprating is projected to increase the rejected heat by approximately 11.3 percent. However, the NRC-approved Final Environmental Statement (FES) related to operation of Indian Point Nuclear Generating Plant Unit No. 2, September 1972, (Volume I, page I-1, Section I.) has already addressed plant operation up to a stretch NSSS power rating of 3228 MWt (core power level of 3216 MWt). Thus, the approximately 11.3 percent increase in rejected heat has already been evaluated and determined to not significantly impact on the quality of the human environment. Also, the proposed increase in the NSSS power involves no significant change in types or significant increase in the amount of any effluents that may be released offsite which have not already been evaluated and approved in the FES for a NSSS power rating of 3228 MWt. Similarly, as enveloped by the FES, there would be no significant increase in individual or cumulative occupational radiation exposure.

Alternatives to the Proposed Action:

The principal alternative to the proposed action would be to deny the requested amendment. This alternative would be in contradiction to the fact that the NRC-approved FES has already addressed operation up to a NSSS stretch power rating of 3228 MWt.

Alternative Use of Resources:

This action does not involve the use of any resources not considered previously in the FES for Indian Point Nuclear Generating Unit No. 2.

Agencies and Persons Consulted:

The NRC staff reviewed the licensee's request and did not consult other agencies or persons.

FINDING OF NO SIGNIFICANT IMPACT

The Commission has determined not to prepare an environmental impact statement for the proposed amendment. Based upon the foregoing environmental assessment, we conclude that the proposed action will not have a significant effect on the quality of the human environment.

For further details with respect to this action, see the request for amendment dated September 30, 1988, as supplemented January 10, March 30, and April 14, 1989, which is available for public inspection at the Commission's Public Document Room, the Gelman Building, 2120 L Street, N.W., Washington, D.C. and at the White Plains Public Library, 100 Martine Avenue, White Plains, New York 10610.

Dated at Rockville, Maryland, this 28th day of November 1989.

FOR THE NUCLEAR REGULATORY COMMISSION

Robert A. Capra

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