

March 1, 1995

Mr. Stephen E. Quinn
Vice President - Nuclear Power
Consolidated Edison Company
of New York
Broadway and Bleakley Avenue
Buchanan, NY 10511

SUBJECT: ENVIRONMENTAL ASSESSMENT OF EXEMPTION REQUEST FROM 10 CFR PART 50,
APPENDIX J - INDIAN POINT NUCLEAR GENERATING UNIT NO. 2
(TAC NO. M90463)

Dear Mr. Quinn:

Enclosed is a copy of the Environmental Assessment and Finding of No Significant Impact related to your application for exemption dated September 19, 1994, as supplemented on January 13, 1995, and February 3, 1995. The proposed exemption would provide a one-time interval extension for the Type A test (containment integrated leak rate test) from the February 1995 refueling outage to the February 1997 refueling outage.

The assessment is being forwarded to the Office of the Federal Register for publication.

Sincerely,

Original signed by

Francis J. Williams Jr., Project Manager
Project Directorate I-1
Division of Reactor Projects - I/II
Office of Nuclear Reactor Regulation

Docket No. 50-247

Enclosure: Environmental Assessment

cc w/encl: See next page

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UNITED STATES
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555-0001

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Sincerely,

A handwritten signature in cursive script, appearing to read "Francis J. Williams Jr.", written over the typed name.

Francis J. Williams Jr., Project Manager
Project Directorate I-1
Division of Reactor Projects - I/II
Office of Nuclear Reactor Regulation

Docket No. 50-247

Enclosure: Environmental Assessment

cc w/encl: See next page

Stephen E. Quinn
Consolidated Edison Company
of New York, Inc.

Indian Point Nuclear Generating
Station Units 1/2

cc:

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Buchanan, NY 10511

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UNITED STATES NUCLEAR REGULATORY COMMISSION
CONSOLIDATED EDISON COMPANY OF NEW YORK, INC.

DOCKET NO. 50-247

INDIAN POINT NUCLEAR GENERATING UNIT NO. 2

ENVIRONMENTAL ASSESSMENT AND FINDING OF

NO SIGNIFICANT IMPACT

The U.S. Nuclear Regulatory Commission (the Commission) is considering issuance of an exemption from 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 (IP2) located in Westchester County, New York.

ENVIRONMENTAL ASSESSMENT

Identification of the Proposed Action:

This Environmental Assessment has been prepared to address potential environmental issues related to the licensee's application of September 19, 1994, as supplemented on January 13, 1995, and February 3, 1995. The proposed action would exempt the licensee from the requirements of 10 CFR Part 50, Appendix J, Paragraph III.D.1.(a), to the extent that a one-time interval extension for the Type A test (containment integrated leak rate test) by approximately 24 months from the February 1995 refueling outage to the February 1997 refueling outage would be granted.

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The Need for the Proposed Action:

The proposed action is needed to permit the licensee to defer the Type A test from the February 1995 refueling outage, to the February 1997 refueling outage, thereby saving the cost of performing the test and eliminating the test period from the critical path time of the outage.

Environmental Impacts of the Proposed Action:

The Commission has completed its evaluation of the proposed action and concludes that the proposed one-time exemption would not increase the probability or consequences of accidents previously analyzed and the proposed one-time exemption would not affect facility radiation levels or facility radiological effluents. The licensee has analyzed the results of previous Type A tests performed at IP2 to show good containment performance and will continue to be required to conduct the Type B and C local leak rate tests which historically have been shown to be the principal means of detecting containment leakage paths with the Type A tests confirming the Type B and C test results. It is also noted that the licensee, as a condition of the proposed exemption, will perform the visual containment inspection although it is only required by Appendix J to be conducted in conjunction with Type A tests. The NRC staff considers that these inspections, though limited in scope, provide an important added level of confidence in the continued integrity of the containment boundary. The NRC staff also notes that the IP2 Containment Penetration and Weld Channel Pressurization System provides a means for continuously monitoring potential containment leakage paths during power operation. The change will not increase the probability or consequences of accidents, no changes are being made in the types of any effluents that may

be released offsite, and there is no significant increase in the allowable individual or cumulative occupational radiation exposure. Accordingly, the Commission concludes that there are no significant radiological environmental impacts associated with the proposed action.

With regard to potential nonradiological impacts, the proposed action does involve features located entirely within the restricted area as defined in 10 CFR Part 20. It does not affect nonradiological plant effluents and has no other environmental impact. Accordingly, the Commission concludes that there are no significant nonradiological environmental impacts associated with the proposed action.

Alternatives to the Proposed Action:

Since the Commission has concluded there is no measurable environmental impact associated with the proposed action, any alternatives with equal or greater environmental impact need not be evaluated. As an alternative to the proposed action, the NRC staff considered denial of the proposed action. Denial of the application would result in no change in current environmental impacts.

Alternative Use of Resources:

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

Agencies and Persons Consulted:

In accordance with its stated policy, the NRC staff consulted with the New York State official regarding the environmental impact of the proposed action. The State official had no comments.

FINDING OF NO SIGNIFICANT IMPACT

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

For further details with respect to the proposed action, see the licensee's letter dated September 19, 1994, as supplemented by letters dated January 13, 1995, and February 3, 1995, which are available for public inspection at the Commission's Public Document Room, The Gelman Building, 2120 L Street, NW., Washington, DC, and at the local public document room located at the White Plains Public Library, 100 Martine Avenue, White Plains, New York 10610.

Dated at Rockville, Maryland, this 1st day of March 1995.

FOR THE NUCLEAR REGULATORY COMMISSION



Ledyard B. Marsh, Director
Project Directorate I-1
Division of Reactor Projects - I/II
Office of Nuclear Reactor Regulation