

POWER AUTHORITY OF THE STATE OF NEW YORK

10 COLUMBUS CIRCLE NEW YORK, N. Y. 10019

(212) 397-6200

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November 21, 1978  
IPO-173

GEORGE T. BERRY  
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AND CHIEF ENGINEER

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JOHN W. BOSTON  
DIRECTOR OF  
POWER OPERATIONS

THOMAS F. MCCRANN, JR.  
CONTROLLER

Director of Nuclear Reactor Regulation  
U. S. Nuclear Regulatory Commission  
Washington, D. C. 20555

Attention: Mr. Albert Schwencer, Chief  
Operating Reactor Branch No. 1  
Division of Operating Reactors

Subject: Indian Point 3 Nuclear Power Plant  
Docket No. 50-286 P

Dear Sir:

Enclosed please find forty (40) copies of a report prepared by Westinghouse in response to the NRC's letter of October 4, 1977 for information concerning fracture toughness and the potential for lamellar tearing of steam generator and reactor coolant pump support material.

This submittal contains Westinghouse proprietary information of a commercial nature - information which Westinghouse considers privileged or confidential. It is of a type customarily held in confidence by Westinghouse and is customarily not disclosed to the general public.

This information is being furnished in accordance with the Commission's request of October 4, 1977, pursuant to the Commission's general powers under Section 161 of the Atomic Energy Act of 1954, as amended, and pursuant to the provisions of Section 9.5 of the Commission's regulations. Accordingly, it is requested that the Westinghouse proprietary information attached hereto be handled on a confidential basis and be withheld from public disclosure.

REGULATORY DOCKET FILE COPY

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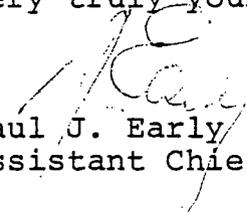
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CHANGES:  
NRC PDR LTR  
LPDR LTR  
NSIC LTR

November 21, 1978

-2-

This material is for your internal use only and may be used only for the purpose for which it is submitted. It should not be otherwise used, disclosed, duplicated or disseminated, in whole or in part, to any other person or organization except in conformance with the provisions of 10 CFR Section 2.790 of the Commission's regulations.

Very truly yours,

  
Paul J. Early  
Assistant Chief Engineer-Projects

GW:gs

DOCKET NO. 50-286

DATE: 11-30-78

NOTE TO NRC AND/OR LOCAL PUBLIC DOCUMENT ROOMS

The following item submitted with letter dated 11-21-78  
from CON Ed is being withheld from public  
disclosure in accordance with Section 2.790.

PROPRIETARY INFORMATION

INFO ON FRACTURE TOUGHNESS +  
LAMELLAR TEARING

Don Paulson  
016

Distribution Service's Branch



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

MEMORANDUM FOR: TERA Corp.

FROM: US NRC/TIDC/Distribution Services Branch

SUBJECT: Special Document Handling Requirements

1. Please use the following special distribution list for the attached document.

2. The attached document requires the following special considerations:

Do not send oversize enclosure to the NRC PDR.

Only one oversize enclosure was received - please return for Regulatory File storage.

Proprietary information - send ~~affidavit~~ <sup>LTR</sup> only to the NRC PDR, **LPDR, NSIC**

Other: (specify)

cc: DSB Files

Mike Collins  
TIDC/DSB Authorized Signature

William J. Cahill, Jr.  
Vice President

Consolidated Edison Company of New York, Inc.  
4 Irving Place, New York, N Y 10003  
Telephone (212) 460-3819

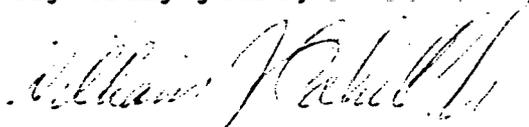
November 15, 1978

Director of Nuclear Reactor Regulation  
ATTN: Mr. Albert Schwencer, Chief  
Operating Reactors Branch No. 1  
Division of Operating Reactors  
U. S. Nuclear Regulatory Commission  
Washington, D. C. 20555

Dear Mr. Schwencer:

Forwarded herewith for your information is a copy of the  
Thirteenth Quarterly Report for the Seismic Monitoring  
Program for Indian Point covering the months of June 1978  
through August 1978.

Very truly yours,

  
William J. Cahill, Jr.  
Vice President

cc: 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

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POWER AUTHORITY OF THE STATE OF NEW YORK

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JOHN W. BOSTON  
DIRECTOR OF  
POWER OPERATIONS

THOMAS F. MCCRANN, JR.  
CONTROLLER

November 13, 1978

Mr. Harold R. Denton  
Director  
Office of Nuclear Reactor Regulation  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Re: Indian Point Station, Unit No. 3  
Dkt. No. 50-286, OL No. DPR-64  
(Extension of Interim Operation)

Dear Mr. Denton:

Thank you for your letter of October 13, 1978, responding to the Power Authority's request for an extension of the period of interim operation of the Indian Point Station, Unit No. 3 facility using the installed once-through cooling system.

We understand your letter to indicate that the Commission will conform the Indian Point 3 license with the ultimate terms of the discharge permit to be decided upon under the procedures set forth in the Clean Water Act. We also appreciate the Staff's commitment to take a further look at the need for formal relief as the date for termination of once-through operation comes closer, and to withhold any enforcement action until the cooling system issue is fully resolved.

We do not agree with every assertion in your letter, but your letter does as a practical matter provide the firm commitment we had sought. Our disagreements as to any legal issues or future reviews that the Staff may feel an obligation to undertake need not be resolved now.

For these reasons, and in reliance on your letter, we do not feel a hearing at this time would be appropriate. We look forward, however, to continued communication with the Staff concerning this matter, and shall follow with interest all developments in this and analogous cases as the Commission's policy with respect to its role in light of §511(c) of the Clean Water Act continues to evolve.

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Thank you for your prompt attention to our request.

Yours sincerely,



Paul J. Early  
Assistant Chief Engineer -  
Projects

cc: Samuel H. Chilk, Esq.  
Chairman, Atomic Safety and Licensing Appeal Panel  
Chairman, Atomic Safety and Licensing Board Panel  
Mr. R. Beecher Briggs  
Dr. Franklin C. Daiber  
Howard K. Shapar, Esq.  
Stephen H. Lewis, Esq.  
Sarah Chasis, Esq.  
Jeffrey Cohen, Esq.  
Paul S. Shemin, Esq.  
Hon. George V. Begany  
White Plains Public Library

William J. Callahan Jr.

President

Consolidated Edison Company of New York, Inc.  
4 Irving Place, New York, N.Y. 10003  
Telephone (212) 300-3819

October 30, 1978

RE: Indian Point Unit Nos. 1,2&3  
Docket Nos. 50-3, 50-247 & 50-286

Mr. Boyce H. Grier, Director  
Office of Inspection and Enforcement  
Region 1  
U. S. Nuclear Regulatory Commission  
631 Park Avenue  
King of Prussia, Pennsylvania 19406

Dear Mr. Grier

The following 30-day report is being submitted in accordance with section 4.2.1.3. of the Environmental Technical Specification Requirements (ETSR) for Indian Point Unit Nos. 1,2&3 which requires, in part, that the NRC be notified in writing within 30 days when milch animals are no longer present at a location or when milk can no longer be obtained from that location. This report is to notify you that the milk sample due September 30 from Strawtown Dairy, located 7.0 miles SSW of Indian Point, was unobtainable because Strawtown Dairy has ceased operation.

To satisfy Environmental Technical Specification Requirements a new milk sampling location was chosen using data from the milch animal survey conducted this year. The new location was chosen to be as close to the plant as possible based on the availability of milch animals in the area. The new site is Windsor Farm, which is located approximately 10.1 miles ENE of the plant in the town of Somers. Windsor Farms, like Strawtown Dairy, is located outside of the 15 mrem/yr isodose line so that a monthly milk sample will be collected from there beginning in October 1978. Even though milk samples are no longer collected from Strawtown Dairy, other pathways to man in that sector will continue to be monitored. These include leafy green vegetables, well water, and Hudson River sediment and vegetation. This will insure that the Nuclear Environmental Monitoring Program will meet its objectives.

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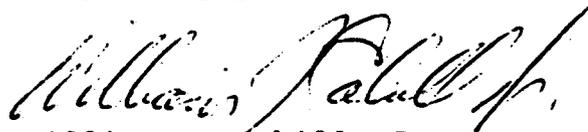
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In addition, we are replacing the milk sampling control station at Crowley Milk Company in Newburgh with Shenandoah Farm, which is located 19.6 miles NNE from Indian Point in East Fishkill. Crowley Milk Company is in the milk processing business and does not own any milch animals. As such, they process milk from dairy farms located throughout the area, which results in an uncertainty as to the origin of the milk sample we obtained from them. Therefore, replacing Crowley with Shenandoah Farms, which maintains milch animals on location, will increase the effectiveness of our milk sampling program.

These changes will be incorporated into a future revision of the ETSR.

Very truly yours



William J. Cahill, Jr.  
Vice President

Copies: Mr. John G. Davis, Acting Director  
Office of Inspection and Enforcement  
c/o Distribution Services Branch, DDC, ADM  
U. S. Nuclear Regulatory Commission  
Washington, D. C. 20555

Mr. Harold Denton, Director  
Office of Nuclear Reactor Regulation  
U. S. Nuclear Regulatory Commission  
Washington, D. C. 20555

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

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WILLIAM F. LUDDY



October 13, 1978  
IPO-162

GEORGE T. BERRY  
GENERAL MANAGER  
AND CHIEF ENGINEER  
LEWIS R. BENNETT  
ASSISTANT GENERAL  
MANAGER-GENERAL  
COUNSEL  
WILBUR L. GRONBERG  
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CONTROLLER

Director, Office of Nuclear Reactor Regulation  
U. S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Attention: Mr. Albert Schwencer, Chief  
Operating Reactors Branch No. 1

REGULATORY DOCKET FILE COPY

Subject: Indian Point 3 Nuclear Power Plant  
ACRS Concerns  
Docket No. 50-286

Dear Sir:

In response to the ACRS Items of Concern expressed in their July 13, 1978 letter to the NRC on the subject facility and as a consequence of the Authority's discussion with your staff on September 15, 1978, the following is the Authority's intention with respect to the items.

1. Review of the plant for systems interaction that might lead to significant degradation of safety.

The Power Authority will attend the ACRS Plant Arrangements Subcommittee meeting on October 25, 1978 at which time the Licensee Event Report review performed by the Commonwealth Edison Company for their Zion facility in response to a similar ACRS concern will be discussed. The discussions and conclusions reached in that subcommittee meeting and any subsequent presentation before the ACRS full committee will be reviewed by the Authority before deciding on our approach to address this ACRS matter.

2. Review of the plant with regard to differences from current regulatory criteria and judgment concerning possible backfitting requirements.

The Power Authority will review the report prepared by the Commonwealth Edison Company for their Zion facility in response to a similar ACRS concern. Following review of that document by the NRC staff and the ACRS, the Power Authority will determine what level of detail is appropriate in order to compare IP3 adequately to current criteria.

REGULATORY DOCKET FILE COPY

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A001/0

October 13, 1978

3. Review of the instrumentation provided to follow the full range or postulated serious accident.

The Power Authority will survey the capability of the existing IP3 fixed and portable instrumentation to monitor the course of accidents that extend beyond conditions assumed in the design of the plant. This survey will be provided to the NRC by July 9, 1979.

4. Audit of the plant's capability for safe shut-down and residual heat removal, using only safety grade equipment.

The Power Authority will participate in the NRC's Overall Plant Heat Removal Capability Survey to be conducted at the IP3 facility on November 14, 15 & 16, 1978.

5. Continuing effort be made to update safety related features to the maximum degree possible.

The Power Authority will provide documentation of the extent to which the IP3 facility satisfies the ACRS resolved generic items as delineated in their Report No. 6 to the NRC. This information will be provided to the NRC by February 19, 1979.

Very truly yours,



Paul J. Early  
Assistant Chief Engineer-Projects