

UNITED STATES  
ATOMIC ENERGY COMMISSION  
DIVISION OF COMPLIANCE  
REGION I  
970 BROAD STREET  
NEWARK, NEW JERSEY 07102

201 645-3940

DEC 9 1971

Consolidated Edison Company  
ATTN: Mr. William J. Cahill, Jr.,  
Vice President  
4 Irving Place  
New York, New York 10003

Docket No. 50-286

Gentlemen:

We recently received information from two licensees operating pressurized water reactors which may relate to the future performance of reactor scram circuit breakers in your facility.

This letter provides you with a copy of the body of the letter that was forwarded to the licensees of operating pressurized water reactors by cognizant Regional offices of the Division of Compliance.

No action on your part is required; however, we will review this matter during our continuing inspection program.

Should you have any questions concerning this matter, we will be pleased to discuss them with you.

Very truly yours,

James P. O'Reilly  
Director

Enclosure:

Body of Letter to Licensees of Operating  
Pressurized Water Reactors

bcc: A. Giambusso, CO  
L. Kornblith, CO  
R. Engelken, CO  
J. G. Keppler, CO (5)  
J. B. Henderson, CO  
DR Central Files ✓

811140645 711209  
PDR ADDCK 05000286  
PDR  
A

Misc.

ENCLOSURE

BODY OF LETTER TO LICENSEES OF  
OPERATING PRESSURIZED WATER REACTORS

We recently received information relating to the performance of reactor scram circuit breakers from two licensees operating pressurized water reactors. The reactor scram circuit breakers are Westinghouse, type DB-50. The information is as follows:

Plant A

Three failures to operate occurred at this facility. Each failure involved the undervoltage trip attachment. No common mode of failure could be identified. One failure was attributed to a broken latch pin, the second to mechanical binding of the trip lever, and the cause of the third was not specifically identified.

Plant B

Two of the two reactor scram circuit breakers failed to trip on undervoltage during surveillance testing. The failure to trip was attributed to dirt accumulation on exposed linkages. This failure occurred after completion of inspection of the scram breakers to determine the applicability of the problems observed at Plant A.

It is requested that you inform this office within 10 days, in writing, whether reactor scram circuit breakers of the described make and model are installed in your facility. If the answer to this question is in the affirmative, provide the date when each of your reactor scram circuit breakers will be inspected and tested. In addition, it is requested that you inform this office within 10 days, in writing, following completion of your inspection and tests, of your specific findings, including a description of corrective actions taken or planned and the scheduled completion date of planned actions.

Should you have any questions concerning this matter, we will be pleased to discuss them with you.

FROM: Westchester Co. Dept of Planning White Plains, N.Y. Peter Q. Eschweiler	DATE OF DOCUMENT: 11-9-70		DATE RECEIVED: 11-12-70		NO.: 3697
	LTR. X	MEMO:	REPORT: F169	OTHER:	
TO: H.L. Price	ORIG.:	CC:	OTHER:		
	1				
ACTION NECESSARY: <input type="checkbox"/>		CONCURRENCE: <input type="checkbox"/>		DATE ANSWERED:	
NO ACTION NECESSARY: <input type="checkbox"/>		COMMENT: <input type="checkbox"/>		BY:	
CLASSIF: U	POST OFFICE	FILE CODE: 50-3---50-247---50-286			
DESCRIPTION: (Must Be Unclassified)	REG. NO:	Environ File			
Ltr advising that the Westchester Co. Dept of Planning is the coord. office for Indian Point Units-1-2-3 RE: the following ltrs.	REFERRED TO	DATE	RECEIVED BY	DATE	
	Muller W/4 cys for action- Ziemann	11-18-70	Docket	50-247-286	
ENCLOSURES: Hud's ltr dtd 9-4-70, commenting on Unit # 2- 50-247..... Con. Ed. ltr dtd 11-12-70- Unit # 2 50-247.....(Above ltrs filed in Enviro file.....	W/4 cys for action	11-18-70			
	DISTRIBUTION:		P. HOWE Morris/Schroeder		
REMARKS: NOTE: Orig ltr filed in 50-247	Reg file cy (3)				
	AEC PDR (3)				
	Compliance (20) Henderson				
	Felton OGC- Shaper 9 Room P-506-A				
	DiNunno				
	Boyd				
	DeYoung E. Price, SLR N. Dube				

WESTCHESTER COUNTY PLANNING BOARD

EDWARD FLEAGLE CHAIRMAN	YONKERS	WILLIAM N. CASSELLA, JR. VICE CHAIRMAN	DOBBS' FERRY
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EDWARD J. DELEHANTY COMR. OF PUBLIC WORKS	EX OFFICIO	CHARLES E. POUND COMR. OF PARKS, RECREATION & CONSERVATION	EX OFFICIO

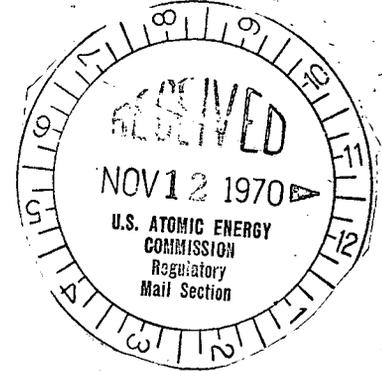
WESTCHESTER COUNTY DEPARTMENT OF PLANNING

PETER Q. ESCHWEILER, A.I.P.  
COMMISSIONER  
JOSEPH R. POTENZA, Assoc. A.I.P.  
CHIEF PLANNER

910 COUNTY OFFICE BUILDING WHITE PLAINS, N. Y. 10601 914 WHITE PLAINS 9-1300

November 9, 1970

50-3  
50-247  
50-286



Mr. Harold L. Price  
Director of Regulation  
U.S. Atomic Energy Commission  
Washington, D. C. 20545

Re: Indian Point Nuclear Generating Station

Dear Mr. Price:

The Consolidated Edison Company of New York, Inc., had advised us that you have received a letter from the Department of Housing and Urban Development stating that the "Westchester County Planning Agency" should be contacted with respect to the relationship of the planning of the nuclear power generating station at Indian Point (Units 1, 2, and 3) in Westchester County, New York to overall county planning concepts.

This is to advise you that this Department is the official planning agency for the County of Westchester. We have consulted with Con Edison on numerous occasions over the years and have been kept informed of the development at the Indian Point site. The site is zoned for industrial use, and the use of this site for nuclear power generation is consistent with the over-all land use and development plan of the Department for Westchester County.

We note that the present proceeding relates to Indian Point No. 2. Since Unit No. 1 was already in existence at this site when Unit No. 2 was planned, we believe that proper planning favored the location of additional units at the same site, since the area was already committed to industrial use, and since any modifications of development patterns in the immediate area because of the presence of the reactor, for whatever reasons, have already taken place and the community has adjusted to this new industrial use.

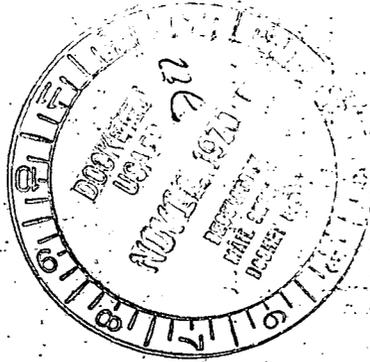
Maintenance of access to the Hudson River shore for public recreational purposes has been encouraged by the Planning Department wherever possible. It is our understanding that Consolidated Edison has provided and intends to provide such recreation areas on suitable portions of lands owned as part of these generating facilities locations. This policy is strongly endorsed for its consistency with both County and local planning objectives.

Very truly yours,  
*Peter Q. Eschweiler*  
Peter Q. Eschweiler  
Commissioner

PQE:hw  
cc: Mr. Joseph C. Swidler, Chairman  
New York Public Service Commission

Rec'd Off. Dir. of Reg.  
Date 11/12/70  
Time 2:00

3897



46

FROM: Consolidated Edison Co of NY, Inc.  
 New York, New York 10003  
 Thomas A. Griffin, Jr.

DATE OF DOCUMENT 4-1-70	DATE RECEIVED 4-8-70	NO.: 1024
LTR. <input checked="" type="checkbox"/>	MEMO:	REPORT:
OTHER:		

TO: Dr Peter A. Morris

ORIG.: 1	CC: 2	OTHER:
ACTION NECESSARY <input type="checkbox"/>	CONCURRENCE <input type="checkbox"/>	DATE ANSWERED BY:
NO ACTION NECESSARY <input type="checkbox"/>	COMMENT <input type="checkbox"/>	

CLASSIF: U  
 POST OFFICE REG. NO.:

FILE CODE: 50-3 50-247 50-286 *miss*

DESCRIPTION: (Must Be Unclassified)  
 Ltr submitting Facility Design Changes during six month period ending 3-31-70.

REFERRED TO	DATE	RECEIVED BY	DATE
Ziemann w/6 cys for action	4-8-70		
Muller w/4 cys for action	4-8-70		

ENCLOSURES:

**DO NOT REMOVE**

**DISTRIBUTION:**  
 Regulatory file (3) (1 ea docket)  
 AEC PDR (3) (1 ea docket)  
 Compliance (6) (2 ea docket)

H. Price & Staff  
 D. Thompson

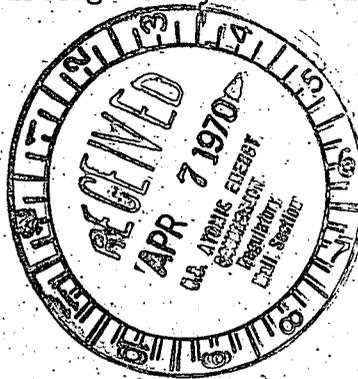
**ACKNOWLEDGED**

REMARKS:

Morris/Schroeder  
 Boyd  
 Skovholt  
 OGC (Rm P 506 A)  
 RD (3)

DTIE (Laughlin) (3)  
 NSIC (Buchanan) (3)  
 1024

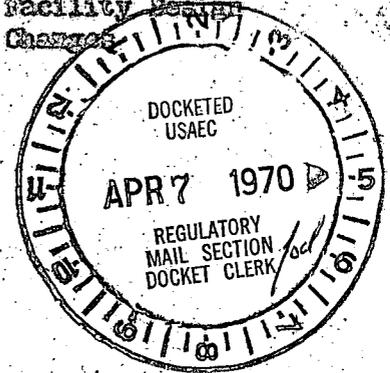
fod



Regulatory File Cy.

58-3  
50-247  
~~50-286~~  
DOCKET NO. 50-247  
April 1, 1970

Re Facility Design  
Changes



Dr. Peter A. Morris, Director  
Division of Reactor Licensing  
U. S. Atomic Energy Commission  
Washington, D.C.

Dear Dr. Morris:

During the six month period ending March 31, 1970, the following principal changes were made to the facility:

1. Frequency monitors were installed on each of the 120 VAC special load boards to monitor the frequency of the motor generators sets which supply power to these boards. These monitors provide frequency indication and initiate alarms in the Central Control Room when the frequency deviates beyond 0.2 hertz from its nominal 60 hertz value, thereby allowing rapid corrective action to be taken.
2. In order to eliminate reactor trips which have occurred as a result of malfunctions in the one input dropped section of the average flux computer, the computer circuitry was modified to eliminate automatic restoration of a channel to the averaging circuit.
3. In a further effort to minimize the number of fish entering the condenser cooling water inlet bays a second set of fine screens were installed between the existing fine screens at the entrance to the bays and the traveling screens.
4. The condenser cooling water discharge canal was connected to a common canal which will serve all three nuclear units at the site. In addition, the outfall of the common discharge canal was extended via sheet piling to a point approximately 900 feet downstream of the Unit No. 1 screenwell house.
5. The two new house service boilers for Unit No. 2 were placed in service. At present, these boilers are supplying service steam to Unit No. 2 only but will eventually be connected to a common header for all three nuclear units at the site.

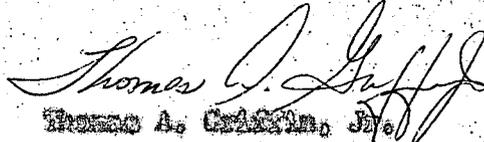
DUPE

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1024

These changes have been reviewed by our Nuclear Facilities Safety Committee with the findings that no change in the Technical Specifications or an unresolved safety question was involved.

Very truly yours

  
Thomas A. Griffin, Jr.  
Vice President

25

Copy to Corporate File  
T. C. Duncan  
H. G. Woodbury  
W. J. Cahill, Jr.  
A. E. Upton

FROM: Consolidated Edison Co of N. Y.  
New York, New York 10001  
William J. Cahill, Jr.

DATE OF DOCUMENT 2-13-70	DATE RECEIVED 3-2-70	NO.: 458	
LTR. X	MEMO:	REPORT:	OTHER:

TO: Dr Peter A. Morris

ORIG.:	CC:	OTHER:
1		
ACTION NECESSARY <input type="checkbox"/>	CONCURRENCE <input type="checkbox"/>	DATE ANSWERED
NO ACTION NECESSARY <input type="checkbox"/>	COMMENT <input type="checkbox"/>	BY:

CLASSIF: U POST OFFICE REG. NO:

FILE CODE: 50-286

DESCRIPTION: (Must Be Unclassified)  
Ltr advising of transmittal of seperate reports regarding environmental monitoring program for the last three years in response to our 8-22-69 ltr.

REFERRED TO	DATE	RECEIVED BY	DATE
Muller w/9 cys for action	3-2-70		

ENCLOSURES:

**DISTRIBUTION:**

Regulatory file AEC PDR	
Compliance (1) Howe	
Biology Medicine (Directors Office - Totter) DTIE (Laughlin)	

REMARKS:

**DO NOT REMOVE  
ACKNOWLEDGED**

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