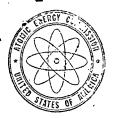
201 645- 2370



UNITED STATES ATOMIC ENERGY COMMISSION

DIVISION OF COMPLIANCE REGION I

970 BROAD STREET NEWARK, NEW JERSEY 07102

November 26, 1968

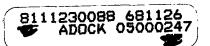
J. P. O'Reilly Chief, Reactor Inspection & Enforcement Br., Division of Compliance, Headquarters

INQUIRY MEMORANDUM CONSOLIDATED EDISON CCMPANY, INDIAN POINT NO. 2 (IP-2), 247/68-B PIPE FABRICATION '

A recent visit to the IP-2 facility, by G. L. Madsen, Reactor Inspector, revealed apparent quality control deficiencies in the conventional and nuclear pipe procured from the Dravo fabrication facility in Marietta, Ohio. Visual site receipt inspection indicated the presence of weld wire in the welds of the conventional pipe and one section of safety injection pipe which contained surface cracking. The following actions have been taken by Con Ed to date:

1. Conventional Pipe

- a. A visual inspection of all weld joints (about 900) was performed and the presence of approximately 160 pieces of weld wire was found.
- b. Westinghouse, United Engineering, and U. S. Testing personnel visited the Dravo plant to review their quality control program. UST reports to Con Ed noted deficiencies in the quality control program with respect to welding procedures, mill test reports, and radiographic inspection. UST recommended to Con Ed that a detailed investigation of the pipe condition should be made.
- c. Westinghouse and UE&C initiated an additional site inspection program which included radiographic inspection of the weld joints to the requirements of ASME Section VIII, paragraph UW-52. This inspection revealed some 180 conditions that did not meet this code. These 180 deficiencies were evaluated with respect to the condition and plant system and about 100 were deemed to be acceptable.



d. Repair of the identified deficiencies is in progress.

2. Safety Injection Pipe

- a. The pipe with visually observable surface cracking and eight additional sections were dye penetrant checked. No cracks were noted in the eight additional sections checked.
- b. Removal of the surface cracks was attempted by grinding. This endeavor indicated that grinding would be required beyond the minimum wall thickness requirement. This pipe section will be replaced.

Con Ed has requested additional information from Westinghouse relative to quality of pipe supplied by Dravo.

M. C. Moseley,

Senior Reactor Inspector

cc: E. G. Case, DRS

R. S. Boyd, DRL (2)

S. Levine, DRL

D. J. Skovholt, DRL (2)

L. Kornblith, Jr., CO

₹ REG files

CO:II

CO:III

MEMO ROUTE SLIP Form AEC-93 (Rev. May 14, 1947) AECM 0240		See me about this. For concurr Note and return. For signature. For information.			
J. R. Buchanan ORNL	INITIALS	REMARKS DOCKET NO. 50-247			
	DATE	CONSOLIDATED EDISON COMPANY OF NEW YORK, INC.			
TO (Name and unit)	INITIALS REMARKS A copy of Amendment No. 9 to the applicat				
	DATE	by Consolidated Edison Company for an operating			
		license for Indian Point Nuclear Generating Unit 2			
TO (Name and unit)	INITIALS REMARKS is enclosed for your information.				
	DATE	Distb Suppl			
		RL Rdg.			
FROM (Name and unit) Original signed by	RSBoyd DRMuller NMBlunt				
Nan M. Blunt Roger S. Boyd					
DRL					
PHONE NO. DATE 10/18/68					

MEMO ROUTE SLIP Form AEC-93 (Rev. May 14, 1947) AECM 5210		See me about this. Note and return.	For concurr For signature,	For action. For information.	
F. G. Case	INITIALS	REMARKS DOCKET NO). 50-247		
		CONSOLIDATED EI	DISON COMPANY OF	NEW YORK, INC.	
TO (Name and unit)	INITIALS	A copy of Amendment No. 9 to the applications			
	DATE	by Consolidate	d Edison Company	for an operating	
		license for Ind	ian Point Nuclear	Generating Unit 2	
TO (Name and unit)	INITIALS	REMARKS			
		is enclosed for	your information		
	DATE	is enclosed for	Distb.		
	DATE	is enclosed for			
FROM (Name and unit) Original signed by	DATE REMARKS	is enclosed for	Distb. Suppl. RL Rdg.		
		is enclosed for	Distb. Suppl. RL Rdg. RPB-1 Rdg. R.S. Boyd		
Original signed by Nan M. Blunt		is enclosed for	Distb. Suppl. RL Rdg. RPB-1 Rdg. R.S. Boyd DRMuller		

S. G. Forbes Assistant Mgr., Technical Phillips Petroleum Co. P. O. Box 2067 Idaho Falls, Idaho

83401

Original signed by Man M. Blunt Roger S. Boyd Asst. Director for Reactor Projects Division of Reactor Licensing, BETH-010 7441 10/30/68

Identical route slip sent to Laughlin.

Distribution: Suppl. RL Reading RPB-1 Reading R. S. Boyd N. M. Blunt

CONSOLIDATED EDISON COMPANY OF NEW YORK, INC. (Indian Point Nuclear Generating Unit No. 2) Docket No. 50-247

The following document is enclosed:

Amendment No. 9, filed by the above Company for Provisional Operating License, which includes Exhibit B-8, Volumes 1, 2, 3 and 4 of FSAR for Indian Point Nuclear Generating Unit No. 2.

OFFICE > SURNAME D 10/30/68 DATE >