

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

REG FILES

201 645- 2370

November 26, 1968

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

INQUIRY MEMORANDUM

CONSOLIDATED EDISON COMPANY, 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.

8111230088 681126  
ADOCK 05000247

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.

*N. C. Moseley*  
N. 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.

For action.


Note and return.

For signature.

For information.

TO (Name and unit)  J. R. Buchanan ORNL	INITIALS	REMARKS DOCKET NO. 50-247
TO (Name and unit)	DATE	CONSOLIDATED EDISON COMPANY OF NEW YORK, INC.
TO (Name and unit)	INITIALS	REMARKS A copy of Amendment No. 9 to the application
FROM (Name and unit) Original signed by Nan M. Blunt Roger S. Boyd  DRL	DATE	by Consolidated Edison Company for an operating license for Indian Point Nuclear Generating Unit 2
PHONE NO. 441	DATE 10/18/68	is enclosed for your information. Distb.  Suppl. RL Rdg. EPB-1 Rdg. RSBoyd DRMuller NMBlunt

USE OTHER SIDE FOR ADDITIONAL REMARKS

MEMO ROUTE SLIP		See me about this.	For concurrence	For action.
Form AEC-93 (Rev. May 14, 1947) AECM 5410		Note and return.	For signature	For information.
TO (Name and unit)	INITIALS	REMARKS		
	DATE	DOCKET NO. 50-247		
		CONSOLIDATED EDISON COMPANY OF NEW YORK, INC.		
TO (Name and unit)	INITIALS	REMARKS		
	DATE	A copy of Amendment No. 9 to the application		
		by Consolidated Edison Company for an operating		
TO (Name and unit)	INITIALS	REMARKS		
	DATE	license for Indian Point Nuclear Generating Unit 2		
		is enclosed for your information.		
FROM (Name and unit)	INITIALS	Distb.		
	DATE	Suppl. 		
		RL Rdg.		
FROM (Name and unit)	INITIALS	RPB-1 Rdg.		
	DATE	R.S. Boyd		
		DRMuller		
FROM (Name and unit)	INITIALS	NBlunt		
	DATE			
PHONE NO.	DATE			
411	10/18/68			

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

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

83401


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.

Original signed by  
~~Nan 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

OFFICE ▶	RL:RPB-1					
SURNAME ▶	Blunt:lg					
DATE ▶	10/30/68					