



John C. Brons
Executive Vice President
Nuclear Generation

July 21, 1989
IPN-89-044

U.S. Nuclear Regulatory Commission
Mail Station P1-137
Washington, D.C. 20555

Attn: Document Control Desk

Subject: **Indian Point 3 Nuclear Power Plant**
Docket No. 50-286
Response to NRC Generic Letter 89-08
Erosion/Corrosion-Induced Pipe Wall Thinning

- References:
1. NRC IE Bulletin 87-01, dated July 9, 1987, "Thinning of Pipe Walls in Nuclear Power Plants".
 2. NYPA letter, W.A. Josiger to NRC, IP3-87-055Z, dated September 15, 1987, "Response to NRC IE Bulletin 87-01".
 3. NRC Generic Letter 89-08, dated May 2, 1989, "Erosion/Corrosion-Induced Pipe Wall Thinning".

Dear Sir:

Generic Letter 89-08 requested information concerning the Authority's erosion/corrosion program. The NRC addressed this issue previously in Reference 1, and the Authority responded in Reference 2. The principal concern of Reference 3 is that nuclear plants continue to meet their licensing bases considering the potential for erosion/corrosion to degrade the pressure boundary. Detailed information is not requested. The Authority's efforts are described below:

The Authority performed erosion/corrosion inspections at IP3 in response to Reference 1 prior to and during the 1988 maintenance outage, and during the recently completed cycle 6/7 refueling outage. The Authority is developing an ongoing erosion/corrosion inspection program for Indian Point 3. The Authority's program will comply with the NUMARC guidelines presented in NUREG-1344, and ensure the structural integrity of all high-energy carbon steel systems (two phase as well as single phase).

8907310035 890721
PDR ADCK 05000286
F PDC

A001
1/2

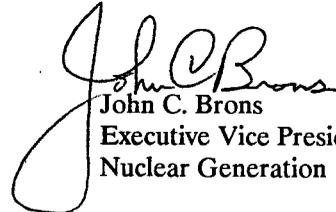
The Authority will use the Electric Power Research Institute (EPRI) "CHEC" program to aid in selecting components susceptible to erosion/corrosion. The following systems have been selected for inclusion in the erosion/corrosion inspection program:

- Steam Generator Blowdown
- Main Steam
- Auxiliary Steam
- Extraction Steam
- Main Feedwater
- Auxiliary Feedwater
- Feedwater Heater Drain
- Reheater Drain
- Moisture Separator Drain
- Condensate

The Authority will finalize administrative procedures required to implement the erosion/corrosion program before the next refueling outage, currently scheduled for September, 1990. Erosion/corrosion inspections will be performed in accordance with these administrative procedures at that time.

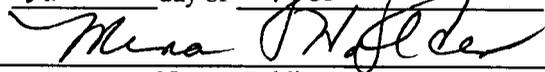
If you have any questions regarding this matter, please contact Mr. P. Kokolakis of my staff.

Very truly yours,


John C. Brons
Executive Vice President
Nuclear Generation

STATE OF NEW YORK
COUNTY OF WESTCHESTER

Subscribed and Sworn to before me
this 21st day of July, 1989



Notary Public

MINA HOLDEN
NOTARY PUBLIC, State of New York
Westchester County
No. 4829150
My Commission Expires Aug. 31, 1989

(cc: See next page)

cc: U. S. Nuclear Regulatory Commission
475 Allendale Road
King of Prussia, PA 19406

Resident Inspector's Office
Indian Point 3
U.S. Nuclear Regulatory Commission
P.O. Box 337
Buchanan, New York 10511

Mr. J. D. Neighbors, Sr. Project Manager
Project Directorate I-1
Division of Reactor Projects-I/II
U.S. Nuclear Regulatory Commission
Mail Stop 14B2
Washington, D.C. 20555