

POWER AUTHORITY OF THE STATE OF NEW YORK
INDIAN POINT NO. 3 NUCLEAR POWER PLANT

P. O. BOX 215 BUCHANAN, N. Y. 10511

TELEPHONE: 914-739-8200



April 5, 1979
IP-LK-4509

Docket No. 50-286
License No. DPR-64

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

Inspection and Plugging of
Indian Point 3 Nuclear Power Plant
Steam Generator No. 34

Dear Mr. Grier:

This report is submitted in accordance with the requirements of Technical Specification 4.9.C relating to Steam Generator Tube Plugging.

The Indian Point 3 Nuclear Power Plant was placed in the cold shutdown condition on March 20, 1979, to repair a tube leak in Steam Generator No. 34, a Westinghouse Series 44 Steam Generator. The leak had been determined to be 0.145 gpm.

Subsequent inspection located the leak in Row 44, Column 38 at the second support plate in the hot leg side.

A .650 inch eddy current probe was unable to pass through the leaking tube. Nominal tube diameter is .770 inches.

Thirty tubes surrounding the leaking tube were inspected by the eddy current technique. No imperfections or significant denting was identified.

The leaking tube in Steam Generator No. 34 was explosively plugged. As a preventive measure, based on prior tube leak experience on site and by recommendations from Westinghouse, it was decided that tubes in Row 44, Columns 37, 38, 55 and 56 would be plugged in Steam Generators 31, 32, 33 and 34. (Steam Generator 33 had the tube in Row 44, Column 56 plugged due to a previous leak.)

After plugging, a secondary side hydrostatic test was performed on Steam Generator 34 to verify plug integrity.

7904100 264

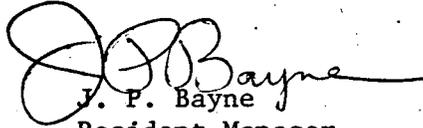
1002
5/10

Boyce H. Grier, Director

Page Two

April 5, 1979
IP-LK-4509

Very truly yours,


J. P. Bayne
Resident Manager

LK/rbb

cc: Director, Office of Inspection and Enforcement
c/o Distribution Services Branch, DDC, ADM
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555