

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



December 20, 1978
IP-SSZ-3651

157-786 P

Mr. William G. McDonald, Director
Office of Management Information & Program Control
c/o Distribution Services Branch, DDC, ADM
U.S. Nuclear Regulatory Commission

Subject: Inspection and Tube Plugging of Indian Point 3 Steam Generator
#33

Dear Mr. McDonald:

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

The Indian Point Unit 3 plant was placed in the cold shutdown condition
on December 7, 1978 as a result of a tube leak in Steam Generator 33,
a Westinghouse Series 44 Steam Generator. The leak was determined to be
a .24 gpm leak.

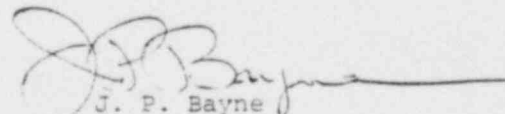
Subsequent inspection located the leak to be in Row 44, Column 56 at
the second support plate in the hot leg side.

An attempt was made to eddy current this leaking tube, however, it
would not pass a .540 inch probe which was the minimum size available.
Nominal tube diameter is .770 inches.

Twenty eight tubes surrounding the leaking tube were inspected by
the eddy current technique. No additional imperfections were identified.
Minor denting was indicated, however, all tubes passed a .700 inch probe.

The leaking tube was explosively plugged and a secondary side hydrostatic
test was performed to verify the integrity of the plugs.

Very truly yours,


J. P. Bayne
Resident Manager

SSZ/rmb

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

Boyce H. Grier, Director
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