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DOCTYPE: LETTER NOTARIZED: NO
SUBJECT:
FURNISHING SUMMARY OF THE 1978 OTSG INSVC INSPEC.

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PLANT NAME: THREE MILE ISLAND - UNIT 1

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METROPOLITAN EDISON COMPANY

SUBSIDIARY OF GENERAL PUBLIC UTILITIES CORPORATION

POST OFFICE BOX 542 READING, PENNSYLVANIA 19603

TELEPHONE 215 - 929-3601

July 28, 1978
GQL 1288

Director of Nuclear Reactor Regulations
Attn: R. W. Reid, Chief
Operating Reactors Branch No. 4
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Dear Sir:

Three Mile Island Nuclear Station Unit 1 (TMI-1)
Operating License No. DPR-50
Docket No. 50-289
OTSG Inservice Inspection

Per a telephone conversation between Mr. G. B. Zwetzig of your office and Mr. R. J. Stevens of Met-Ed, we are forwarding this summary of the 1978 OTSG Inservice Inspection.

Eddy Current examination was performed on about 9% of the tubes (approx. 1,420 tubes) in the 1B OTSG, and about 12% of the tubes (approx. 1,900 tubes) in the 1A OTSG. The 12% inspection of the 1A OTSG resulted from a 9% initial inspection and a 3% additional inspection, as discussed below. The tubes selected for examination were derived from a modification of a 7% baseline inspection program suggested by B&W to provide a more statistically representative sampling of the tube bundle. The tube inspection program concentrated on the "tube lane" area and the bundle periphery, based on failure histories at other B&W units.

The inspection results were as follows: A 65% through wall defect, classified as a manufacturing type, was found in OTSG 1A, Row 1, Tube 16, at a position approximately 3 inches above the 3rd Tube Support Plate. This tube was explosively plugged, and as a result of this defect, the additional 3% inspection program was completed. One tube on the 1B OTSG (Row 81, Tube 22) was explosively plugged as a preventive measure, because it was not obvious whether or not a defect existed. No significant degradation was noted in either OTSG.

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Sincerely,

J. G. Herbein
J. G. Herbein
Vice President-Generation

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Acc'd
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