



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION I
631 PARK AVENUE
KING OF PRUSSIA, PENNSYLVANIA 19406

AUG 08 1984

Docket No. 50-289

GPU Nuclear Corporation
ATTN: Mr. H. D. Hukill
Vice President and
Director of TMI-1
P. O. Box 480
Middletown, Pennsylvania 17057

Gentlemen:

Subject: Inspection No. 50-289/83-20

This letter transmits the report of a special, unannounced NRC inspection of Reactor Coolant System (RCS) inventory leak rate determinations of Three Mile Island Nuclear Generating Station, Unit 1, for the period April 1, 1978 to March 31, 1979. The inspection was conducted by Dr. J. Chung and other NRC personnel from July 11 to September 9, 1983. Separate investigations into RCS inventory leak rate tests have been conducted by NRC's Office of Investigations and reported elsewhere.

Additional information obtained, particularly during a site visit to Three Mile Island by Dr. Chung on February 8, 1984, and reanalysis of the original data resulted in revisions to the inspection report. The revised pages are included in this transmittal.

The inspection report identifies apparent violations of NRC regulations. Action regarding these apparent violations, together with the findings of the Office of Investigations, is under consideration by the NRC staff. You will be informed of this action at a later date.

No reply to this letter is required.

Sincerely,

Thomas T. Martin, Director
Division of Engineering and
Technical Programs

Enclosures:

1. NRC Region I Inspection
Report 50-289/83-20
2. Revisions to Inspection
Report 50-289/83-20
3. Memo J. W. Chung to T. T.
Martin dtd February 24, 1984

cc w/encl:

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(Without Report)

bcc w/encls:

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JWC
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7/27/84

JRS
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8/6/84

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TMI Unit 1 RCS Leak Rate Tests,
April 1, 1978 - March 31, 1979

Jin W. Chung

September 21, 1983