

DEC 29 1989

Docket No. 50-320
EA 89-209

GPU Nuclear Corporation
ATTN: Mr. Michael B. Roche
Director of TMI-2
P. O. Box 480
Middletown, Pennsylvania 17057

Gentlemen:

Subject: Inspection Report No. 50-320/89-13

A special, announced, inspection was conducted by W. Pasciak and others of this office on November 30, 1989. The purpose of the inspection was to review the circumstances, evaluations, and corrective actions associated with the unplanned exposure to radiation of a Radiological Controls Technician on November 28, 1989, which occurred as a result of removing fuel fines from the reactor vessel. A discussion of our findings was held with you and members of your staff at the conclusion of the inspection. This inspection was continued on December 15, 1989, to follow-up on certain of your interim corrective actions as a result of the incident on November 28, 1989.

An enforcement conference relating to an incident that occurred on September 25, 1989, was reconvened and continued on December 4, 1989 to consider this unplanned exposure. The enforcement conference was reconvened to consider this incident because initial information received by Region I indicated that there were similar underlying root causes between the November 28, 1989 event and the event subject to this incident. However, based on your presentation at the conference on December 4, 1989, and on our further evaluation of the findings of the inspection, the root cause of this unplanned exposure on November 28, 1989 was concluded to be related more to the performance of the individual technician and less to those factors associated with your corrective actions for the September 25, 1989 exposure event.

Areas examined during this inspection are described in the NRC Region I inspection report which is enclosed. Within these areas, the inspection consisted of selective examination of representative records, interviews with personnel and observations of the inspectors.

Within the scope of this inspection, one apparent violation was identified. The apparent violation stems from your failure to adequately survey material removed from the reactor vessel. You are required to respond to the enclosed Notice of Violation and should follow the instructions contained therein.

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During the Enforcement Conference on December 4, 1989, and during the inspection, weaknesses in your radiological controls program were identified and are described in the enclosed report. We request in your response to the apparent violation that you also include your response to these weaknesses.

Your cooperation with us is appreciated.

Sincerely,

[Signature]
Ronald R. Bellamy

Ronald R. Bellamy, Chief
Facilities Radiation Safety and
Safeguards Branch
Division of Radiation Safety and
Safeguards

Enclosure:

1. Appendix A, Notice of Violation
2. NRC Inspection Report No. 50-320/89-13

cc w/encls:

T. F. Demmitt, Deputy Director, TMI-2
R. E. Rogan, Licensing and Nuclear Safety Director
J. J. Byrne, Manager, TMI-2 Licensing
W. J. Marschall, Manager, Plant Operations
S. Levin, Defueling Director
J. B. Lieberman, Esquire
Ernest L. Blake, Jr., Esquire
G. A. Kuehn, TMI-2 Site Operations Director
TMI-Alert (TMIA)
Susquehanna Valley Alliance (SVA)
Public Document Room (PDR)
Local Public Document Room (LPDR)
Nuclear Safety Information Center (NSIC)
NRC Resident Inspector
Commonwealth of Pennsylvania

GPU Nuclear Corporation


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bcc w/encls:
Region I Docket Room (with concurrences)
Management Assistant, DRMA (w/o encls)
DRP Section Chief
D. Holody
S. Lewis, OGC
Michael Masnik, PM, TMI-2
J. Lieberman, Office of Enforcement
J. Goldberg, Office of the General Counsel
J. Parlow, NRR/ADP

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RI:DRSS
Sherbini
12/27/89


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Pasciak
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Wella
Bellamy
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