

U. S. NUCLEAR REGULATORY COMMISSION
REGION I

Report No. 50-320/89-09 & 89-13

Docket No. 50-320

License No. DPR-73

Licensee: GPU Nuclear Corporation
P. O. Box 480
Middletown, PA 17057

Facility Name: Three Mile Island Unit 2

Meeting At: Middletown, Pennsylvania

Meeting Conducted: November 21 and December 4, 1989

Prepared by:

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1/10/89
date

Approved by:

W. Pasciak
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Protection Section

1/10/89
date

Meeting Summary: Enforcement Conference held on November 21, 1989 and follow-up conference on December 4, 1989 (Meeting Report No. 50-320/89-09 & 89-13).

Topics of Discussion: The discussions at the meetings covered the circumstances, evaluations, corrective actions, and apparent violations associated with the events of September 25 and November 28, 1989.

The conferences were attended by NRC and licensee management.

DETAILS

1. Participants

Members of the NRC and licensee staff attending the meetings on November 21 and December 4, 1989 are shown in attachment 1 to this report.

2. Introduction

The Enforcement Conference of November 21, 1989 was held at the request of NRC Region I to discuss the circumstances and corrective actions associated with the unplanned exposure incident of September 25, 1989. The follow-up conference of December 4, 1989, was also held at the request of NRC Region I to explore the possible connections between the September 25 incident and the incident of November 28, 1989.

3. Discussions During the Enforcement Conference

NRC Region I management summarized the reasons for holding the conference and the concerns regarding the unplanned exposure incident of September 25, 1989.

Licensee representatives presented a 5-minute video tape showing the work area in which the exposures occurred and a re-enactment of the work activities that led to the unplanned exposures. The sequence of events and responses were then summarized, the results of the dose assessments presented, and the corrective actions taken and planned were described. The licensee summarized their presentation at the end of the conference and expressed their views regarding the potential violations stemming from the incident. They concurred with the potential violation for exceeding the regulatory dose limits but disagreed with the potential violation for failure to make the required 24-hour notification of the incident.

4. Discussions During the Follow-up Enforcement Conference

NRC Region I management summarized the reasons for holding the follow-up conference. They stated that the unplanned exposure incident of November 28 gave the appearance that there were similarities between that incident and the September 25 incident. Concern was expressed that the root causes for both incidents were the same and that the corrective actions taken by the licensee following the first incident may not have been effective.

The licensee summarized the sequence of events for the November 28 incident and the root causes for the incident. A short video tape showing a re-enactment of the work activities that led to the unplanned exposure was shown. They concluded that the causes for that incident were unrelated to

those that precipitated the September 25 incident. They also summarized the corrective actions already taken and proposed.

NRC Region I management concurred with the licensee's conclusion that the two incidents were unrelated. The NRC staff also stated that they would conduct an inspection of the licensee's program at a future date to ensure that the proposed corrective actions had been effectively implemented.

Attachment 1

Enforcement Conference and Followup Conference Participants

1. GPU Nuclear Corporation Personnel

- B. Frantz, Site Protection Sergeant, TMI
- * J. Hildebrand, Director, Radiological and Environmental Controls
- ** E. Kintner, Executive Vice President, GPUN
- * J. Kuehn, Director, Site Operations, TMI-2
- * S. Levin, Defueling Director, TMI-2
- G. Lodde, Manager, Radiological Health, TMI
- * T. Murphy, Director, Radiological Controls, TMI-2
- * M. Roche, Director, TMI-2
- * R. Rogan, Director, Licensing and Nuclear Safety
- M. Wells, Manager, Media Relations

2. NRC Personnel

- * R. Bellamy, Chief, Facilities Radiological Safety and Safeguards
Branch, Division of Radiation Safety and Safeguards (DRSS)
- * K. Christopher, Enforcement Specialist
- * C. Cowgill, Chief, Reactor Project Section 4B, Division of Reactor
Projects (DRP)
- * J. Greeves, Deputy Director, DRSS
- J. Joyner, Division Project Manager, DRSS
- ** M. Knapp, Director, DRSS
- ** T. Martin, Deputy Regional Administrator
- T. Moslak, Resident Inspector, TMI
- ** W. Pasciak, Chief, Facilities Radiation Protection Section (FRPS), DRSS
- M. Masnik, Senior Project Manager, NRR
- ** W. Russell, Regional Administrator
- * S. Sherbini, Senior Radiation Specialist, FRPS, DRSS
- * L. Thonus, NRR
- * E. Wenzinger, Chief, Reactor Projects Branch No. 4, DRP
- * S. Young, Senior Resident Inspector, TMI

* Denotes attendance at both meetings.

** Denotes attendance at the second meeting only.