

U.S. NUCLEAR REGULATORY COMMISSION

Region I

Report No. 50-320/82-10

Docket No. 50-320

License No. DPR-73 Priority -- Category C

Licensee: GPU Nuclear Corporation

P.O. Box 480

Middletown, Pennsylvania 17057

Facility Name: Three Mile Island Nuclear Station, Unit 2

Meeting At: NRC, Region I, King of Prussia, Pennsylvania

Conduction: July 29, 1982

Inspectors: Joel S. Wiebe  
J. Wiebe, Senior Resident Inspector TMI-2

8/11/82  
date signed

L. H. Thonus  
L. Thonus, Resident Inspector TMI-2

8/10/82  
date signed

Joel S. Wiebe, for  
R. Conte, Senior Resident Inspector TMI-1

8/12/82  
date signed

Approved by: A. Fasano  
A. Fasano, Chief, Three Mile Island Section  
Project Branch No. 2

8/12/82  
date signed

Meeting Summary:

Enforcement Conference on July 29, 1982, (Report No. 50-320/82-10)

Summary: Special enforcement conference convened by NRC Region I management to discuss NRC concerns regarding control of safety related maintenance activities and management of corrective actions, particularly as they applied to air filtration systems. The meeting was held at the NRC Region I office and was attended by Senior GPU Nuclear Corporation and NRC Region I management personnel.

## DETAILS

### 1. Attendees

#### General Public Utilities (GPU) Nuclear Corporation

R. Arnold, President  
J. Barton, Acting Director of TMI-2  
J. Byrne, Licensing Engineer  
J. Fidler, Media Representative  
B. Kanga, Designated Director of TMI-2  
W. Kelly, Manager, Management Services  
L. King, Acting Director, Site Operations  
J. Larson, Supervisor, TMI-2 Licensing  
P. Ruhter, Manager, Radiological Technical Support  
R. Warren, System Engineering Supervisor, TMI-2

#### US Nuclear Regulatory Commission

J. Allan, Deputy Regional Administrator  
L. Barrett, Deputy Program Director, TMI Program Office  
R. Carlson, Director, Enforcement and Investigation Staff  
R. Conte, Senior Resident Inspector TMI-1  
A. Fasano, Chief, Three Mile Island Section  
R. Haynes, Regional Administrator  
D. Holody, Enforcement Coordinator  
R. Keimig, Chief, Projects Branch No. 2, Division of Project and Resident Programs  
R. Nimitz, Radiation Specialist  
R. Starostecki, Director, Division of Project and Resident Programs  
L. Thonus, Resident Inspector TMI-2  
J. Wiebe, Senior Resident Inspector TMI-2

### 2. Summary

Mr. Starostecki and Mr. Haynes opened the meeting by summarizing the NRC concerns, outlining the NRC's enforcement methodology, and asking for the licensee's evaluation of the events and their planned corrective actions. The NRC concerns were in the area of safety related maintenance and management of corrective actions as applied to air filtration systems. Specific findings, as documented in NRC Inspection Reports 50-320/81-15 and 50-320/82-04, included (1) failure to meet Technical Specification air filtration system flow requirements; (2) failure of filter bypass; and (3) failure to maintain documentation of safety related maintenance. Mr. Haynes turned the meeting over to Mr. Arnold for the licensee presentation on the chronology and evaluation of events and their corrective actions they are planning based upon the evaluation.

A presentation on the chronology of events regarding the air filtration system followed which included:

- initial system startup testing
- testing and maintenance in May/June 1980
- management reviews of outstanding work requests
- observations during the January 8, 1982, unusual event and event followup

In subsequent presentations and general discussion, licensee personnel discussed several ongoing programs to improve performance including the following.

- a streamlined organization structure which would have fewer interfaces and improved communications (expected to be implemented August/September 1982)
- an improved action item tracking system which will be proceduralized
- improved communications between the radiological controls and operations organizations
- improved communications between maintenance and engineering including feedback to engineering after maintenance work is completed
- a specific Quality Assurance review and analysis of safety related maintenance (work requests) to look for generic problems or similar problems on systems other than air filtration system
- an improved test record system so that when tests are performed by contractors, test records will be sent directly to records management personnel
- consolidation of various departmental "trouble reports" to assist in integrated review and analysis of events

The licensee representatives indicated that they had seen some improvement as the above activities were being implemented.