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GPU Nuclear
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Writer's Direct Dial Number:

July 12, 1982
4400-82-L-0111

Office of Inspection and Enforcement
Attn: Mr. Ronald C. Haynes, Director
Region I
U. S. Nuclear Regulatory Commission
631 Park Avenue
King of Prussia, PA 19406

Dear Sir:

Three Mile Island Nuclear Station, Unit 2 (TMI-2)
Operating License No. DPR-73
Docket No. 50-320
Licensee Event Report 82-022/03L-0

Attached is Licensee Event Report 82-022/03L-0 concerning inoperability of the Air Intake Tunnel Chlorine Monitor on June 12, 1982.

This event constitutes a violation of Section 3.3.3.7 and is considered reportable under Section 6.9.1.9(b) of the Interim Recovery Technical Specifications.

Sincerely,

A handwritten signature in cursive script, appearing to read 'J. J. Barton'.

J. J. Barton
Acting Director, TMI-2

JJB:SWS:djb

Attachments

cc: L. H. Barrett, Deputy Program Director - TMI Program Office
Dr. B. J. Snyder, Program Director - TMI Program Office
V. Stello, Deputy Executive Director

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PDR ADOCK 05000320
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LICENSEE EVENT REPORT
NARRATIVE REPORT
TMI-II
LER 82-022/03L-0
EVENT DATE - June 12, 1982

I. EXPLANATION OF OCCURRENCE

At 0545 hours on June 12, 1982 while performing surveillance procedure 4303-M10 (Chlorine Detection System Channel Functional Test), the Air Intake Tunnel (AIT) Chlorine Monitor was discovered to be not functioning. The Chlorine Monitor was declared to be inoperable, placing the unit into the action statement of Technical Specification Section 3.3.3.7. The AIT Chlorine Monitor (AH-CIS-5484) meter relay assembly was replaced and the monitor was returned to service at 1633 hours on June 14, 1982.

This event is considered reportable under Section 6.9.1.9(b) as a violation of Section 3.3.3.7 of the TMI-2 Recovery Technical Specifications.

II. CAUSE OF THE OCCURRENCE

The cause of the occurrence was the failure of an optical transistor in the meter relay assembly of the monitor.

III. CIRCUMSTANCES SURROUNDING THE OCCURRENCE

At the time of the occurrence, the Unit 2 facility was in a long-term cold shutdown state. The reactor decay heat was being removed via loss to ambient. Throughout the event there was no effect on the Reactor Coolant System or the core.

IV. CORRECTIVE ACTIONS TAKEN OR TO BE TAKEN

IMMEDIATE

The Control Room Chlorine Monitor was verified to be in-service. The Control Room ventilation system was placed in the auto-recirc mode. Maintenance was performed on the AIT chlorine monitor, replacing the failed transistor. The unit was returned to service June 14, 1982.

LONG TERM

N/A

V. COMPONENT FAILURE DATA

Photocell-Chlorine Monitor
Monitor Relay Assembly No. 158A167403
Manufacturer - Fisher, Porter