

LER 83-048/03L-0
EVENT DATE - September 28, 1983

I. EXPLANATION OF THE OCCURRENCE

At 0830 hours on September 28, 1983, Auxiliary Building (AB) Supply Fans AH-E-7A and 7B tripped. Subsequently, the Control Room Operator manually tripped AB Exhaust Fan AH-E-8C in order to prevent the drawing of excessive negative pressure in the AB. Due to the tripping of the above three (3) fans, the AB exhaust flowrate decreased below the minimum allowable Technical Specification value of 54,000 cfm. This placed the unit in the Action Statement of Technical Specification 3.9.12.2 and commenced a four timeclock as required by the Action Statement.

At 0900 hours on September 28, 1983, fans AH-E-7A, 7B, and 8C were restarted and the AB exhaust flowrate was returned to normal.

This event is considered reportable pursuant to Technical Specification 6.9.1.9(b) due to entry into and compliance with the Action Statement of Technical Specification 3.9.12.2.

This event is similar in nature to LER 82-41 in that it concerns tripping the AB supply fans.

II. CAUSE OF THE OCCURRENCE

An investigation by Plant Engineering determined no identifiable cause for the tripping of supply fans AH-E-7A and 7B.

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 - At 0900 hours on September 28, 1983, fans AH-E-7A, 7B, and 8C were restarted and the AB exhaust flowrate was returned to normal.

Long-Term - GPUNC is presently evaluating a design change whereby a fan trip alarm will sound whenever a fan motor is secured (including a manual trip). This action in itself may not preclude events such as the above from occurring, however, the Control Room Operators will be immediately alerted when a fan trip occurs and will be able to initiate actions more rapidly to identify/correct the cause of the fan trip.



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October 27, 1983
4410-83-L-0255

Office of Inspection and Enforcement
Attn: Dr. Thomas E. Murley
Regional Administrator
Region I
US Nuclear Regulatory Commission
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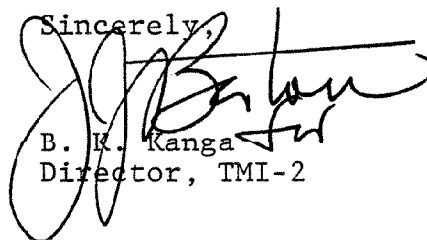
Dear Sir:

Three Mile Island Nuclear Station, Unit 2 (TMI-2)
Operating License No. DPR-73
Docket No. 50-320
Licensee Event Report 83-048/03L-0

Attached please find Licensee Event Report 83-048/03L-0 concerning the Auxiliary Building low exhaust flowrate on September 28, 1983.

This event concerns Section 3.9.12.2 and is considered reportable under Section 6.9.1.9(b) of the Interim Recovery Technical Specifications.

Sincerely,



B. K. Kanga
Director, TMI-2

BKK/RDW/jep

Attachments

CC: Mr. L. H. Barrett, Deputy Program Director - TMI Program Office
Dr. B. J. Snyder, Program Director - TMI Program Office

Handwritten initials and date:
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