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Metropolitan Edison Company  
Post Office Box 480  
Middletown, Pennsylvania 17057

Writer's Direct Dial Number

October 7, 1981  
LL2-81-0236

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 81-021/03L-0

Attached please find Licensee Event Report 81-021/03L-0 concerning the inoperability of Control Room bypass fan (AH-E-4A) on September 7, 1981.

This event concerns Section 3.7.7.1 and is considered reportable under Section 6.9.1.9(b) of the Interim Recovery Technical Specifications.

Sincerely,  
  
G. K. Hovey  
Vice-President and  
Director, TMI-2

GKH:SDC:djb

Attachments

cc: L. H. Barrett, Deputy Program Director  
Dr. B. J. Snyder, Program Director, TMI Program Office  
V. Stello, Director I & E  
c/o Document Management Branch  
U. S. Nuclear Regulatory Commission  
Washington, D. C. 20555

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LICENSEE EVENT REPORT

NARRATIVE REPORT

TMI-II

LER 81-21/03L-0

EVENT DATE - September 7, 1981

I. EXPLANATION OF OCCURRENCE

During the performance of Surveillance Procedure 4303-R25, Control Room Emergency Ventilation Performance Analysis, the manual inlet damper to the Control Room By-Pass Supply Fan (AH-E-4A) failed closed due to a loose set screw on the operating arm. The failed (closed) damper rendered fan AH-E-4A inoperable, therefore placing the unit in the action statement of Tech. Spec. 3.7.7.1.

This event is not a violation of Tech. Specs. It is reportable per Section 6.9.1.9(b) due to inadvertent entry into the action statement of Tech. Spec. 3.7.7.1.

II. CAUSE OF THE OCCURRENCE

The failure was the result of a loose set screw on the manual actuation control arm for the damper. The loose set screw allowed the damper to close independently of the control arm which was secured in the open position.

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 damper linkage was aligned and the set screw tightened. The damper and fan unit was returned to service September 7, 1981.

Additionally, the set screw in the control arm for the manual damper associated with fan AH-E-4B was checked.

LONG TERM

No further long term corrective action is deemed appropriate.

V. COMPONENT FAILURE DATA

Damper Manufacturer: Hirsch, Arkin, Pineherst Inc.

Damper Type: Opposed blade (5 blades)