50-249

Commonwealth Edison Company

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Address Reply to:
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Dresden Nuclear Power Station
R. R. #1
Morris, Illinois 60450
August 10, 1972

Mr. A. Giambusso
Deputy Director for Reactor Projects
Directorate of Licensing
U. S. Atomic Energy Commission
Washington, D. C. 20545

SUBJECT: LICENSE DPR-25, DRESDEN NUCLEAR POWER STATION, UNIT #3, SECTION 6.6.B.2 OF THE TECHNICAL SPECIFICATIONS.

Dear Mr. Giambusso:

This is to report a condition relating to the operation of the station, in which, during monthly surveillance testing of the Isolation Condenser "steam line high flow" isolation, the inboard isolation valve MO-3-1301-1 failed to close, thus rendering the Isolation Condenser "steam line high flow" isolation protection inoperable, contrary to the requirements of Section 3.2.A of the Technical Specifications.

PROBLEM AND INVESTIGATION

Isolation condenser "steam line high flow" surveillance was being conducted on August 1, 1972. The surveillance procedure results in numerous valve operations as the "steam line high flow" sensors are tripped. As valve MO-3-1301-1 was operated for the third time, the motor thermal overload protection tripped during valve closure.

The valve operator is designed for single cycle operation; that is, a periodic single opening or closure, as required. Hence, the valve operator motor is designed with a fifteen minute service factor.

Upon investigation, it was determined that during the surveillance testing, the repeated valve operation in a short period of time resulted in a continuous "heatup" of the motor and consequently, a trip of the thermal overload protection. Following cooldown of the overloads, the valve was cycled satisfactorily.

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Because operation of the valve, when required, would be limited to single cycle operation, the valve is considered operable and would function as designed when required to do so.

CORRECTIVE ACTION

The surveillance procedure will be modified to eliminate repeated valve operations in a short time period, and thus eliminate "nuisance" trips such as that herein reported.

W. P. Worden
Superintendent

WPW:do