

50-249

Regulatory File No.

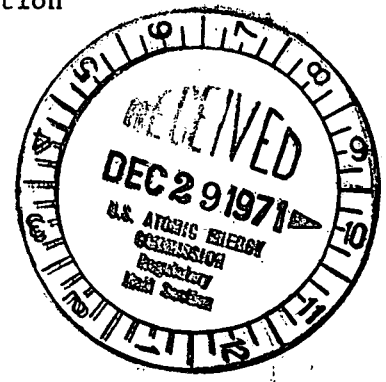
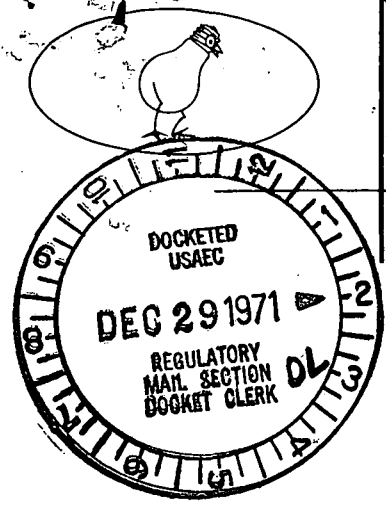
Commonwealth Edison Company

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Dresden Nuclear Power Station
R. R. #1
Morris, Illinois 60450
December 23, 1971



Dr. Peter A. Morris, Director
Division of Reactor Licensing
U. S. Atomic Energy Commission
Washington, D.C. 20545

Subject: License DPR-25, Dresden Nuclear Power Station, Unit #3, Section 6.6.C.1 of the Technical Specifications.

Dear Dr. Morris:

This is to report a condition relating to the operation of the station when the Pressure Suppression Chamber to Reactor Building Vacuum Breaker 1601-20A failed to remain in the fully closed position, thus rendering one of the two pressure suppression chamber to reactor building vacuum breakers incapable of performing its intended function as required by section 3.7.A.3.a of the Dresden Unit #3 Technical Specifications.

PROBLEM AND INVESTIGATION

On November 25, 1971, at 0040 (with the reactor in the run mode at 500 MWe) the Torus Vacuum Relief 1601-20A "Not Closed Alarm" annunciated. The position indicator lamps indicated the valve was open. The operator attempted to close the valve with the control switch. The valve went to the closed position indication and would remain in this position as long as the control switch was held in the "closed" position. When the control switch was released, the valve returned to the "open" position. Investigation revealed that the valve was open and would not remain in the "closed" position. A calibration check was performed on the differential pressure switch and it was found to be functioning correctly. The terminal connections of the pressure switch were inspected and one was found to be loose. It was postulated that the screw was not tightened sufficiently during installation. This caused the valve to fail open.

Primary containment integrity was maintained by check valve 3-1601-31A. If this valve was not seated, the drywell would have depressurized.

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1A07.1 LB

CORRECTIVE ACTION

The loose terminal screw was tightened. The valve was operated repeatedly from the control room and no anomaly in operation was detected. The valve was declared operable at 1355 on November 25, 1971.

Sincerely,

H. K. Hoyt

H. K. Hoyt
Superintendent

HKH:do