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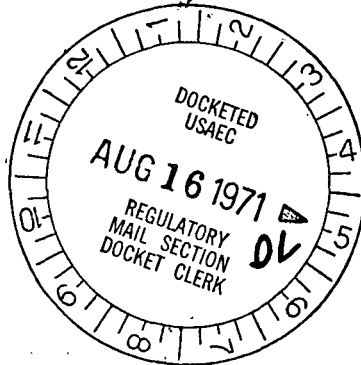
Commonwealth Edison Company

ONE FIRST NATIONAL PLAZA ★ CHICAGO, ILLINOIS

Address Reply to:

POST OFFICE BOX 767 ★ CHICAGO, ILLINOIS 60690

Dresden Nuclear Power Station
R. R. #1
Morris, Illinois 60450
August 14, 1971



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

SUBJECT: LICENSE DPR-19, DRESDEN NUCLEAR POWER STATION UNIT #2
SECTIONS 6.6.A.1 AND 6.6.B.2 OF THE TECHNICAL SPECIFICATIONS

Dear Dr. Morris:

This is to report a condition relating to the operation of the Station wherein, during unit operation of 400 MWe, a routine High Pressure Coolant Injection (HPCI) surveillance test was being conducted. While the surveillance test was in progress, the HPCI turbine stop valve failed to open. Failure of the stop valve to open rendered the system incapable of providing coolant injection as required by Section 3.5.C.1 of the Dresden Unit #2 Technical Specifications.

Problem and Investigation

The unit was operating at 400 MWe on August 5, 1971. At 2200 during a HPCI surveillance test it was found that the HPCI turbine stop valve would not open. The required surveillance program was then initiated. Subsequent investigation revealed the trouble was caused by a misaligned limit switch on the HPCI control valve which is in the solenoid circuit for the stop valve. Because the control valve limit switch failed to pickup when the valve closed, the circuit instructing the HPCI stop valve to open could not be energized.

Repositioning of the limit switch was completed by 1400 on August 6, 1971. HPCI tests were successfully completed by 1500 on the same day.

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Dr. Peter A. Morris, Director

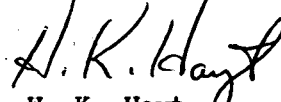
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August 14, 1971

Corrective Action

The re-aligning and setting of the limit switch corrected the problem. To avoid future problems of this nature, a plant modification is being considered which will provide indication of the control valve limit switch position to the operator.

Sincerely,



H. K. Hoyt
Superintendent

HKH:LDB:ls

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