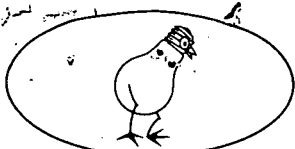


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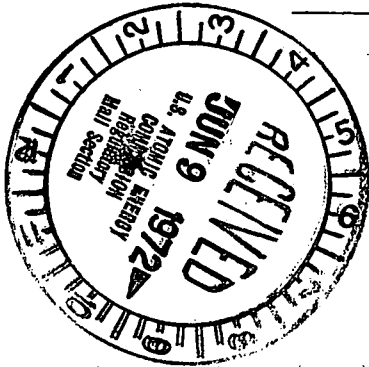
Regulatory File Cy
Commonwealth Edison Company

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
June 6, 1972



Mr. Edward J. Bloch, Acting Director
Directorate of Licensing
U. S. Atomic Energy Commission
Washington, D.C. 20545

SUBJECT: LICENSE DPR-19 DRESDEN NUCLEAR POWER STATION, UNIT #2, SECTION 6.6.B.3 OF THE TECHNICAL SPECIFICATIONS.

Dear Mr. Bloch:

This is to report a condition relating to the operation of the station, in which, during a test operation of the number 2 turbine stop valve, a limit switch failed to operate. Operability of the switch was required by Section 3.1 of the Technical Specifications.

PROBLEM INVESTIGATION AND CORRECTIVE ACTION

At 0715 hours on May 27, 1972, with the Dresden 2 plant operating at approximately 90% power (738 MWe and 2268 MWt), a valve closure test was conducted on each of the turbine stop valves. The reactor protection system relays (590-124D and 590-124E) associated with the number 2 turbine stop valve did not deenergize, as they should have, when the valve was closed. The relays associated with all other valves operated properly. Fuses (590-727D and 590-727E) were removed to deenergize the relays (590-124D and 590-124E) associated with the number 2 turbine stop valve, and thus satisfy the requirements of Section 3.1 of the Technical Specifications.

A review of the circuitry associated with relays 590-124D and 590-124E indicated that the problem was probably the number 2 turbine stop valve limit switch. On May 30, 1972, reactor power was reduced to a point at which radiation levels would permit work on the limit switch. The switch was found to be positioned properly, but was "hanging up" internally. The switch is a NAMCO SNAP LOCK SWITCH, SL4 064L. It appeared to operate properly when the switch was allowed to snap down, as would be the case in fast valve closure. However, when the arm moved down slowly, as in a slow or test valve closure, the switch would not actuate when the arm stopped moving.

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Mr. Edward J. Bloch

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June 6, 1972

The defective switch was removed and replaced with a new switch. The replacement switch and associated circuitry were satisfactorily tested at 0300 hours on May 30, 1972. The defective switch has been returned to the manufacturer for evaluation.

Sincerely,

W. P. Worden

W. P. Worden
Superintendent

WPW:do

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