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Regulatory File No.

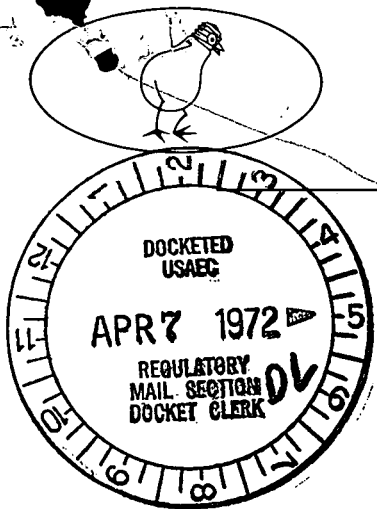
Commonwealth Edison Company

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Dresden Nuclear Power Station
R. R. #1
Morris, Illinois 60450
April 3, 1972



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 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 wherein "2C" Low Pressure Coolant Injection (LPCI) pump would not start during a surveillance test.

PROBLEM AND INVESTIGATION

At 0400 hours on March 5, 1972, the reactor was being refueled. The LPCI testable check valve 2-1501-25B was out of service for maintenance. Consequently, a "LPCI Subsystem Out of Service" surveillance test was conducted as required by section 4.5.A.2 of the Technical Specifications. During the test, "2C" LPCI pump control switch was placed in the "start" position, but the pump would not operate. The operator then checked to insure that there were no blown fuses in the control circuitry. After it was verified that all fuses were intact, another unsuccessful attempt was made to start the pump. The pump breaker was then "racked out" to check for abnormalities. No abnormalities were found. The breaker was "racked in" and the pump was successfully started. Two subsequent starts were also successful.

It was not necessary to "rack in" and "rack out" the breaker in order to achieve these subsequent successful starts. The surveillance test was then satisfactorily completed. No problems were encountered when starting "2A", "2B", and "2D" LPCI pumps. The most recent successful test of the pump before this incident was on February 29, 1972.

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CONCLUSION AND CORRECTIVE ACTION

It was postulated that the most probable cause for the pump failure was intermittent contact on the breaker auxiliary contacts. During this refueling outage, all 4KV ECCS breakers which were not overhauled on the last outage will be overhauled and then placed on the Commonwealth Edison Five Year breaker overhaul schedule. During this overhaul, the breakers will be cleaned. The cleaning will insure all contacts are free of foreign material for more reliable pickup during breaker operation. The overhaul will include measuring and setting of contact gaps, checking all nuts, washers, bolts, cotter pins, and terminal connections for tightness, cleaning and lubrication of all bearing surfaces, and checking the trip and release coil plungers for free movement.

Sincerely,

Fred S. Morris
for W. P. Worden
Superintendent

WPW:do

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