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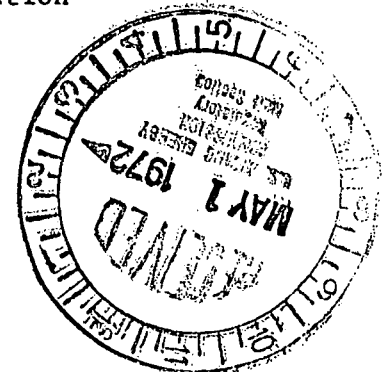
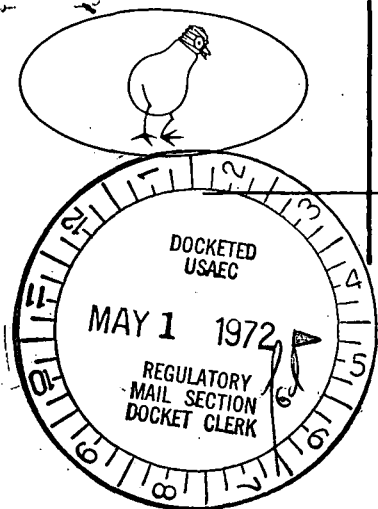
Commonwealth Edison Company

ONE FIRST NATIONAL PLAZA ★ CHICAGO, ILLINOIS

Address Reply to:

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Dresden Nuclear Power Station
R. R. #1
Morris, Illinois 60450
April 25, 1972



Regulatory File Cy.

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, AND 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 plant when, a switching problem on bus 28 rendered the "A" standby gas train, 2A standby liquid control pump, and the 2A core spray system inoperable.

PROBLEM AND INVESTIGATION

At 1130 hours on March 29, 1972, Unit #3 was at 800 MWe with the mode switch in "Run" and Unit #2 was in "Refuel" with all rods in and no fuel moves in progress. An electrical maintenance crew was overhauling the Transformer 28 high-side breaker at bus 23-1. Bus 28 was being supplied from bus 29 via the 28-29 bus tie breaker. (See figure 1)

The breaker auxiliary contacts in the breaker cubicle were exercised as part of the overhaul job. When these contacts were moved to a position corresponding to that of a closed breaker, an interlock circuit was satisfied that automatically tripped the 28-29 bus tie breaker at bus 29. This interlock circuit is designed to prevent tying bus 28 and 29 together when they are being fed from their parent 4160V buses.

When the bus tie breaker opened, power was lost to the motor control centers supplying "A" standby gas treatment system, "2A" standby liquid pump, and the "2A" core spray system valves, which rendered these systems inoperable.

CORRECTIVE ACTION

The "B" standby gas treatment system was started immediately by the operator and verified to be operable. Normal electrical feed to bus 28 and its components was restored by 1330 hours the same day.

Maintenance procedural changes have been made to preclude a recurrence of this type of incident. In addition, caution signs have been placed in the Transformer 28 and 29 high-side breaker cubicles and in the corresponding breaker cubicles on Unit 3.

Sincerely,

W. P. Worden

W. P. Worden
Superintendent

WPW:do

