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Regulatory File Cy.

Commonwealth Edison Company

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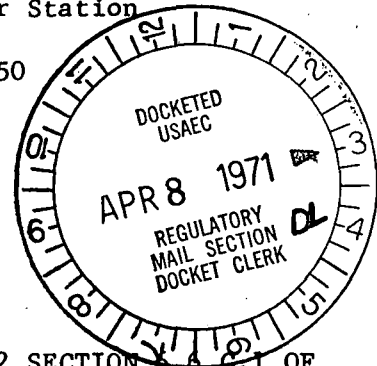
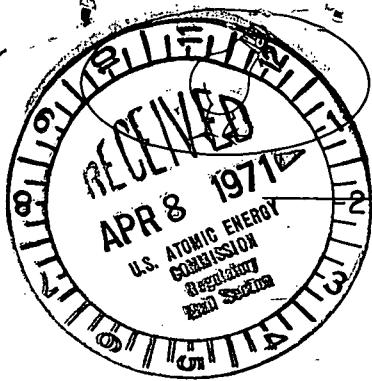
POST OFFICE BOX 767 ★ CHICAGO, ILLINOIS 60690

Dresden Nuclear Power Station

R.R. #1

Morris, Illinois 60450

April 5, 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 SECTION 3.5.A.2 OF THE TECHNICAL SPECIFICATION.

Dear Dr. Morris:

This is to report a condition relating to the operation of the station when, during a test, the Unit 2/3 diesel generator failed to build up voltage. The diesel generator was required to be operable by Section 3.5.A.2 of the Dresden 2 Technical Specification.

Problem Investigation and Corrective Action

Prior to the incident Unit #2 had been shutdown for refueling. The LPCI and Core Spray subsystems were required to be operable since the reactor "mode" switch was in the "refuel" position.

Modifications to the core spray subsystem logic circuitry to provide for testability were in progress, thus rendering the core spray subsystem inoperable. The inoperability of the core spray subsystem required daily surveillance of the LPCI subsystem and the Unit #2 and Unit # 2/3 diesel generators.

The unit 2/3 diesel generator daily surveillance was satisfactorily conducted at 4:22 AM on March 7, 1971. Later that day a test initiation of the auto start of the Unit 2/3 diesel generator from the Unit #3 low low reactor water level sensors was conducted. The diesel generator started but did not build up voltage. An attempt to start the diesel generator locally again resulted in failure to build up voltage. To comply with the technical specifications, the reactor "mode" switch was placed in the "shutdown" position at 2:00 AM on March 8, 1971.

Further investigation on March 8, 1971, revealed that the governor speed control was improperly set at less than 800 RPM, apparently at the conclusion of the routine surveillance test conducted on March 7, 1971. A part of the normal shutdown procedure is the adjustment of voltage and frequency for automatic operation. The speed at which the generator excitation start relay is energized to flash the generator field is 800 RPM.

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Dr. Peter A. Morris

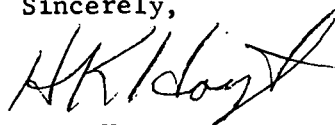
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April 5, 1971

The speed control was reset to the proper value and the 2/3 diesel generator tested satisfactorily. It was returned to service at 1:00 pm on March 8, 1971.

Since it appears that the shutdown procedures were not strictly adhered to in this case, attention has been focused on the proper voltage and frequency settings by the attachment of this information at the Diesel Generator control room control switch.

Sincerely,



H. K. Hoyt
Superintendent
Dresden Station

HKH:GLR:glt

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