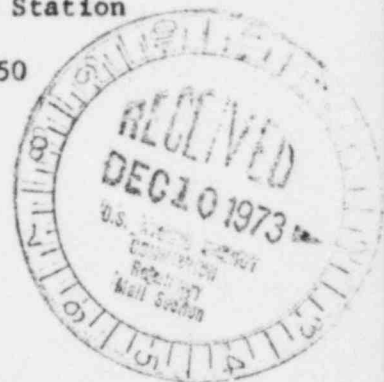




Commonwealth Edison
One First National Plaza, Chicago, Illinois
Address Reply to: Post Office Box 767
Chicago, Illinois 60690

WPW Ltr.#891-73

Dresden Nuclear Power Station
R. R. #1
Morris, Illinois 60450
December 6, 1973



Mr. J. F. O'Leary, Director
Directorate of Licensing
U. S. Atomic Energy Commission
Washington, D. C. 20545

SUBJECT: LICENSE DPR-25, DRESDEN NUCLEAR POWER STATION, UNIT #3, REPORT
OF ABNORMAL OCCURRENCE PER SECTION 6.6.B.1 OF THE TECHNICAL
SPECIFICATIONS.
FAILURE OF REACTOR CLEAN UP SYSTEM VALVE MO-3-1201-2 TO OPERATE.

References: 1) Notification of Region III of AEC Regulatory Operations
Telephone: F. Maura, 1500 hours on November 28, 1973
Telegram: Keppler, 1620 hours on November 28, 1973

2) DWGS: P & ID M-361

Dear Mr. O'Leary:

This letter is to report a condition relating to the operation of the unit at about 2011 hours on November 27. At this time MO-3-1201-2 failed to isolate on a reactor low water level scram. This malfunction is contrary to section 3.7.D.1 of the Technical Specifications which requires that the isolation valve be operable during reactor power operating conditions.

PROBLEM

At 2011 hours, Unit 3 was operating at 2178 MWt and 729 MWe. The cleanup system was in service and operating. The reactor scrambled on low water level. As a result of the scram, the clean-up valve, MO-3-1201-2, failed to isolate. This valve is the second isolation valve in the system. The first isolation valve, MO-3-1201-1, operated as designed.

INVESTIGATION

While investigating this incident, it was found that the breaker auxiliary contacts for the "M" coil were tarnished. This condition prevented the proper operation of the contacts which thus prevented the valve motor from operating.

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December 6, 1973

CORRECTIVE ACTION

The tarnished contacts were cleaned and the valve was tested. It operated satisfactorily.

In light of this incident, the station is initiating a program to inspect all breakers for DC motor operated isolation valves. These inspections will include cleaning contacts and adjusting the contact pressure as necessary. Valve breakers will be inspected as the valves become available during outages.

EVALUATIONS

This valve malfunction did not jeopardize the safety of the public or plant personnel because the redundant valve in this line functioned properly. Consequently, startup of the unit was considered safe. A similar problem has been experienced recently on motor operated valve 2-220-2 on Unit 2. However, these two malfunctions do not constitute an unsafe trend and the corrective action being initiated will prevent such a trend from being established.

Sincerely,

W. P. Worden AR

W. P. Worden
Superintendent
Dresden Nuclear Power Station

WPW:do