

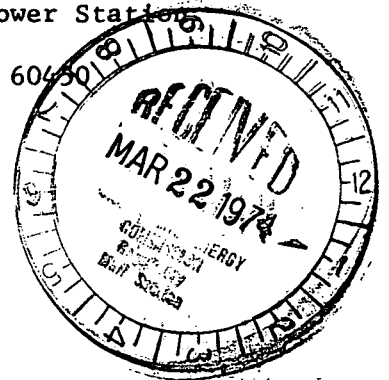


Regulatory File Cy.
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 Address Reply to: Post Office Box 767
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50-237

WPW Ltr.#202-74

Dresden Nuclear Power Station
 R. R. #1
 Morris, Illinois 60450
 March 18, 1974



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

SUBJECT: LICENSE DPR-19, DRESDEN NUCLEAR POWER STATION, UNIT #2, REPORT OF ABNORMAL OCCURRENCE-PER SECTION 6.6.B.1.a OF THE TECHNICAL SPECIFICATIONS. DRYWELL EQUIPMENT DRAIN SUMP DISCHARGE VALVE AO-2001-5 FAILURE.

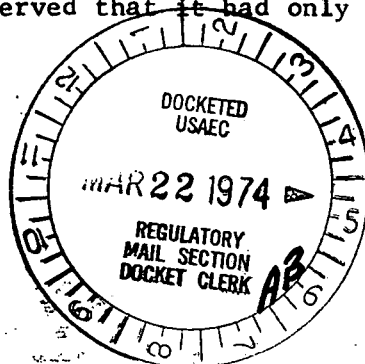
- References: 1) Notification of Region III of AEC Regulatory Operations
 Telephone: F. Maura, 1415 hours on March 11, 1974
 Telegram: J. Keppler, 1550 hours on March 11, 1974
- 2) Dwgs: P & ID M-39

Dear Mr. O'Leary:

This letter is to report a condition relating to the operation of the unit at about 2125 hours on March 9, 1974. At this time a routine quarterly primary containment isolation valve timing surveillance test was in progress. It was found that the drywell equipment drain sump inboard isolation valve, AO-2001-5, failed to close. This malfunction is contrary to section 3.7.D.1 of the Technical Specifications which requires that during reactor power operating conditions, all isolation valves listed in Table 3.7.1, of which this valve is included, shall be operable.

PROBLEM

At the time, Unit 2 was locked in the "shutdown" mode, and a quarterly primary containment isolation valve timing surveillance test was in progress. The unit was shutdown because drywell air sampling revealed high activity, which is indicative of a steam leak. At 2125 hours on March 9, 1974, it was found that while operating AO-2001-5, the drywell equipment drain sump inboard isolation valve, the valve gave an open-close (double) indication in the control room. An operator was dispatched to the valve and observed that it had only gone half closed.



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March 18, 1974

INVESTIGATION AND CORRECTIVE ACTIONS

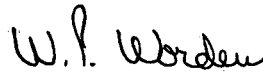
The maintenance department inspected the three way solenoid controlling the air operated valve. They found a thin dirt film on the solenoid diaphragms which could interfere with normal operation. Additional investigation of the solenoid coil revealed no electrical problems. Consequently, the solenoid body was cleaned and rebuilt. The valve was operated satisfactorily and placed back in service at 2305 hours March 9, 1974.

EVALUATIONS

This valve failure did not endanger the public health or safety because the redundant valve, AO-2001-6, in the same line was isolated per Technical Specifications 3.7.D.2. The last documented successful cycling of the valve was December 30, 1973.

A review of the history of the equipment drain sump isolation valve for Units 2&3 indicate no similar problems. Therefore, it is believed that this incident is an isolated problem and does not warrant any further action.

Sincerely,



W. P. Worden
Superintendent

WPW:MST:do