

Regulatory

File Cy.

50-249

Commonwealth Edison Company

ONE FIRST NATIONAL PLAZA ★ CHICAGO, ILLINOIS

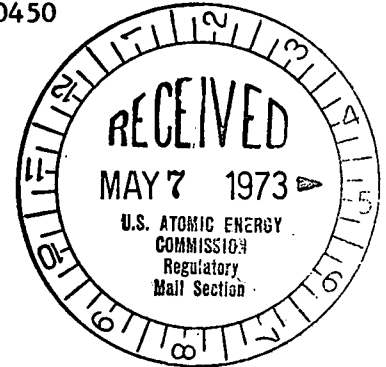
Address Reply to:

POST OFFICE BOX 767 ★ CHICAGO, ILLINOIS 60690

WPW Ltr.#354-73

Dresden Nuclear Power Station
R. R. #1
Morris, Illinois 60450
May 4, 1973

Mr. A. Giambusso
Deputy Director for Reactor Projects
Directorate of 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.

Dear Mr. Giambusso:

This is to report a condition relating to the operation of Unit #3 in which, on April 7, 1973, at 1115 hours, while performing low pressure coolant injection (LPCI) logic testing it was noted that motor operated valve 3-1501-22B was stopped in the mid position. At the time of the failure, the unit was shutdown for refueling.

PROBLEM AND INVESTIGATION

While performing low pressure coolant injection logic testing, motor operated valve 3-1501-22B was found stopped in mid travel. Prior to LPCI logic testing, M.O. 3-1501-22B was operable. M.O. 3-1501-22B is one of two LPCI injection valves in the line and is normally closed.

After repeated attempts to close the valve from the control room, the thermal overload tripped. Attempts to move the valve with the manual handwheel also proved unsuccessful.

The subsequent inspection revealed the valve stem to be bent. The bent stem caused binding of the valve which resulted in high motor current and subsequent motor overload trip due to the repeated attempts to close the valve. Prior to the failure, the valve had been cycled several times during logic testing.

3000

May 4, 1973

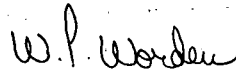
M.O. 3-1501-22B was opened and M.O. 3-1501-21B, a normally opened valve in the injection line, was closed. By opening M.O. 3-1501-22B and using M.O. 3-1501-21B as the isolation valve, the LPCI system remains in service. On a LPCI initiation signal, both M.O. 3-1501-22B and M.O. 3-1501-21B may receive an open signal. Therefore, the failure of this valve is not considered to present any hazard to the public health and safety since the LPCI system was not degraded.

CORRECTIVE ACTION

Valve M.O. 3-1501-22B was opened and the second isolation valve in the line was closed.

At this time, the cause of the valve stem deformation is not known. The valve inspection and repair is presently in progress. A followup report identifying the failure mode will be issued by June 15, 1973.

Sincerely,

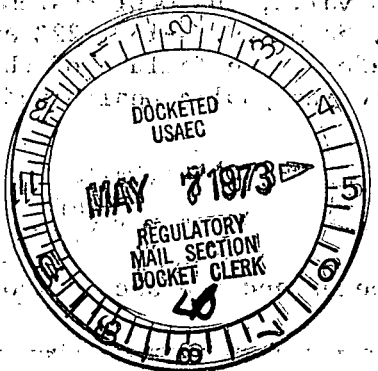


W. P. Worden
Superintendent

WPW:do

SECRET

Faded typed text at the top of the page, including a date and possibly a reference number.



NOTE TO FILE

Faded typed text in the middle section of the page, appearing to be a note or a list of items.

Faded typed text in the lower middle section of the page.

SECRET