

Regulatory

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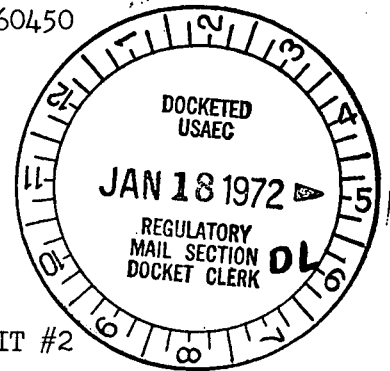
# Commonwealth Edison Company

ONE FIRST NATIONAL PLAZA ★ CHICAGO, ILLINOIS

Address Reply to:

POST OFFICE BOX 767 ★ CHICAGO, ILLINOIS 60690

Dresden Nuclear Power Station  
R. R. #1  
Morris, Illinois 60450  
January 13, 1972



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 6.6.C.1 OF THE TECHNICAL SPECIFICATIONS

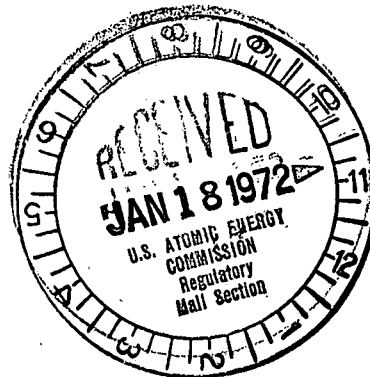
Dear Dr. Morris:

This is to report a condition relating to the operation of the Station in which, on December 14, 1971, LPCI valve MO-2-1501-27B failed to operate electrically from the control room. Failure of this valve made one of the two redundant containment spray systems inoperative.

### Problem, Investigation, and Corrective Action

On December 14, 1971, during surveillance testing prior to removing the Unit 2/3 diesel generator from service, LPCI valve MO-2-1501-27B could not be opened from the control room. At 0230 on that day, the valve was declared inoperable.

Investigation revealed that the valve motor was hot and the thermal overload at the breaker was tripped. The valve motor was racked out of service and maintenance personnel were called in to repair the valve. The torque switches were inspected and found to be functioning properly and properly set. The valve was operated manually to free the valve, and the breaker and thermal overload were reset. The valve was operated from the control room satisfactorily during two subsequent trials. The valve was declared operable at 0600.



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The last successful operation of the valve had been on November 10, 1971. It is believed that the valve had closed too tightly due to incorrect limit switch settings and required a greater torque to open it than the motor operator could provide. On December 15, the valve limit switches were reset to prevent the valve from closing too tightly, allowing the valve torque setting to seat the valve.

Sincerely,

*W. P. Worden*

W. P. Worden  
Superintendent

WPW:FJB:ls

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