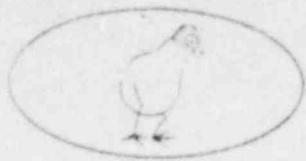


DOCKET NO. 50-10



Commonwealth Edison Company

72 WEST ADAMS STREET • CHICAGO, ILLINOIS 60620

Dresden Nuclear Power Station
Rural Route #1
Morris, Illinois 60450
December 15, 1969

Regulatory

File Cy.



Dr. Peter A. Morris
Director Division of Reactor Licensing
U. S. Atomic Energy Commission
Washington, D. C. 20545

Dear Dr. Morris:

In keeping with our policy of keeping you informed of unusual experiences in Dresden Unit #1 operation, I am writing to inform you of the failure of control transformers on two motor operated valves on Unit #1.

Unit #1 was shutdown with all fuel removed to the fuel building when in the course of maintenance the failure of the two control transformers was discovered.

In the case of MO-109, emergency condenser condensate valve, the transformer burned out because an indicating lamp socket at the local control station shorted across the lamp base. In the case of MO-123, the transformer burned out because the lamp was twisted off its base and the wires were shorted across. This valve is the "A" unloading heat exchanger upstream discharge valve.

The station has taken action to avoid this problem by removing the lamps from the local control stations where these stations are in locked compartments during operation. When maintenance is being done on these valves, the lamps will be temporarily replaced and the valve tested after the lamps are removed. Where the local control stations are accessible during operation, they will be inspected regularly by operators on patrol who will be instructed to look for transformer failures (indicated by a light out). The station has asked the Station Electrical Engineering Department to study the motor operated valve circuits and recommend a permanent solution to prevent future transformer failures.

Sincerely yours,

H. K. Hoyt
H. K. Hoyt
Superintendent



HKH:dav

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