

50-249



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
July 17, 1972

Mr. Edward J. Bloch, Acting Director
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.D.2 OF THE TECHNICAL SPECIFICATIONS

Dear Mr. Bloch:

This is to report a condition relating to the operation of the station in which a reactor protection system (RPS) limit switch on the #2 turbine control valve was found to be inoperable, contrary to the requirements of Section 3.1 of the Technical Specifications.

PROBLEM AND INVESTIGATION

The reactor was in the "run" mode and operating at 480 MWe on July 7, 1972. At 2320, during the turbine control valve exercise test, it was noticed that the turbine generator load mismatch scram on channel B did not activate when the #2 control valve was closed. When the control valve fast closure solenoid operates, a switch opens contacts de-energizing its RPS relay; this causes a channel "B" trip when above 40% power. Load was reduced to less than 40% of rated to satisfy the requirements of Section 3.1 of the Technical Specifications.

Investigation of the switch showed that one of the two mounting bolts had come out. The switch was mounted with the bolts going upward through the top of the switch, and then through a bracket, so that the nut was on the top. With one bolt gone, the plunger that activates the switch rotated it around on the remaining bolt, instead of activating the switch.

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CORRECTIVE ACTION

The mounting bolts were reversed so that the bolt goes through the bracket and then through the top of the switch so that the nut goes on from the bottom. This was to insure that if the nut worked loose again, the bolt would remain in place preventing the switch from rotating. The switch was then tested and worked satisfactorily. These switches will all be checked at the next opportune time and corrective measures applied if required.

Sincerely,

*Fred S. Morris**for* W. P. Worden
Superintendent

WPW:rr