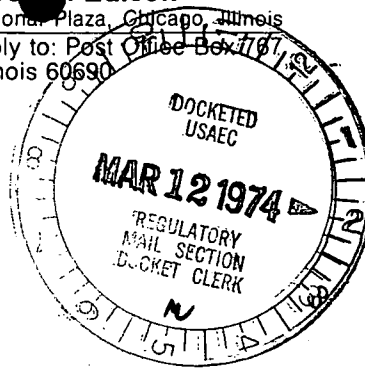


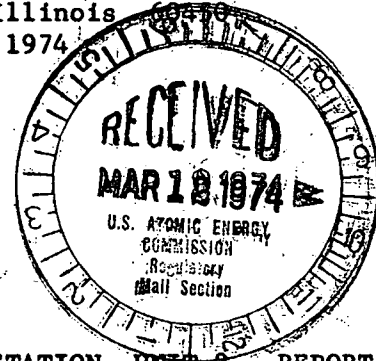


Commonwealth Edison
 One First National Plaza, Chicago, Illinois
 Address Reply to: Post Office Box 1781
 Chicago, Illinois 60690

WPW Ltr.#175-74



Dresden Nuclear Power Station
 R. R. #1
 Morris, Illinois
 March 8, 1974



Regulatory Docket File

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.2 OF THE TECHNICAL SPECIFICATIONS. UNIT 2 DIESEL GENERATOR TRIP.

- References:
- 1) Notification of Region III of AEC Regulatory Operations. Telephone: Mr. F. Maura, 1420 hours on March 4, 1974.
 - 2) Dresden Station Electrical Prints 12E2334, 12E2336, and 12E2346

Dear Mr. O'Leary:

This letter is to report a condition relating to the operation of the unit at 1905 hours on March 1, 1974. At this time, the unit diesel tripped due to a differential fault. This malfunction is contrary to the basis for section 3.9 of the Technical Specifications which requires that an adequate supply of electrical power be available during operation.

PROBLEM

Following the replacement of the Unit 2 diesel generator fuel oil hose, the diesel was started and ran for an operational test. During this test, the diesel generator tripped after about 40 minutes of operation.

At the time of the occurrence, the unit was just critical, thermal power was about 3 megawatts with the mode switch in the startup position.

INVESTIGATION

An investigation into the problem revealed that a differential trip occurred due to an intermittent open on the "B" phase of the diesel generator output. The open on "B" phase was due to a failure of the bus fuse clips which were found burnt off.

2040

13001

8103030259

March 8, 1974

On further investigation, it was discovered that the clips had been replaced during the last unit outage because the original clips appeared burnt. The replacement clips appeared to be manufactured in a different manner than the original clips since they were slightly longer and did not have the elasticity that the original clips had.

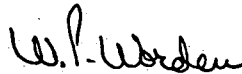
CORRECTIVE ACTION

Since both the original and the replacement clips appeared to experience the identical problem, it was decided to modify the fuse compartment. The modification will permanently install the fuse holders in the circuit and eliminate the fuse clips. At this time a work request has been written which requests a modification to all three station diesels.

EVALUATION

During the occurrence of this failure, the safety of the plant and public was not in jeopardy. The loss of the unit diesel occurred when thermal power was only about three megawatts. Also at the time of the failure, the 2/3 diesel was operable and all incoming lines were available.

Sincerely,



W. P. Worden
Superintendent

WPW:do

1300.2