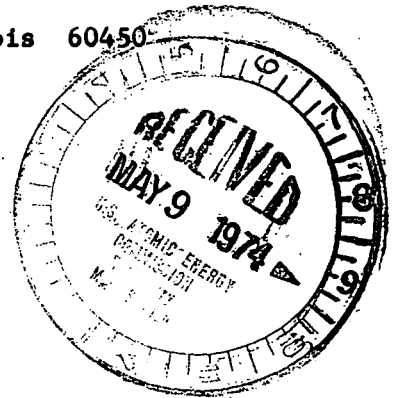




**Commonwealth Edison**  
 One First National Plaza, Chicago, Illinois  
 Address Reply to: Post Office Box 767  
 Chicago, Illinois 60690

BBS Ltr #327-74

Dresden Nuclear Power Station  
 R. R. #1  
 Morris, Illinois 60450  
 May 6, 1974

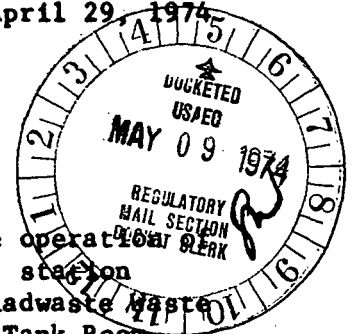


50-237

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.1.a OF THE TECHNICAL SPECIFICATIONS**  
2/3 RADWASTE LINE TO WASTE COLLECTOR TANK LEAK

- References: 1) Notification of Region III of AEC Regulatory Operations  
 Telephone: Mr. H. Dance, 1500 hours on April 29, 1974  
 Telegram: Mr. J. G. Keppler, 1610 hours on April 29, 1974
- 2) P&ID M-29, M-45 & M-360



Dear Mr. O'Leary:

This letter is to report a condition relating to the operation of the unit at about 2200 hours on April 27, 1974. At this time, station personnel noted a leak in the 2/3 torus transfer line to the Radwaste Collector Tank. The leak was found in the Radwaste Collector Tank Room. Water was being rejected from Unit 3 torus at the time. The leakage associated with the failure fell directly to the Radwaste basement floor and was automatically pumped to the radwaste floor drain system. No airborne radioactivity resulted and no personnel exposure was experienced due to the leak.

This malfunction is reportable according to section 1.A.5 of the Technical Specifications, which defines an abnormal occurrence as an abnormal degradation of one of the several boundaries which are designed to contain the radioactive materials resulting from the fission process.

PROBLEM

The problem was discovered during use of the line to reject water from the Unit 3 torus. Unit 3 was out of service for refueling and Unit 2 was at 737 MWe at the time of the occurrence. The line, designated as 2/3-1541-3"-DX, was noted to be leaking into the Radwaste Collector Tank Room.

8/03030061

May 6, 1974

The carbon steel line was leaking through a small crack which was the result of weakening of the pipe from external corrosion. Approximately two months earlier, a drain line servicing acid and caustic tanks was found to be leaking in the same area. This leak, which was repaired after it was found, caused acid to impinge on the 3" transfer line. The external attack by acid was the cause of the leak.

The transfer of torus water was immediately secured and the leak was stopped at approximately 2205 hours.

The normal function of this line is that of transferring Unit 2 and/or 3 torus water to the Radwaste Waste Collector Tank.

#### INVESTIGATION

Visual observation revealed the need to patch repair a 10" section of the line. The remainder of the line appears to be in good condition. Further investigation of all lines in the area will be made with the assistance of the Mechanical and Structural Engineering Department.

#### CORRECTIVE ACTIONS

The line was repaired via installation of a protective sleeve which was seal welded to the pipe. If necessary, additional repairs will be initiated based upon the recommendations of the Mechanical and Structural Engineering Department.

#### EVALUATIONS

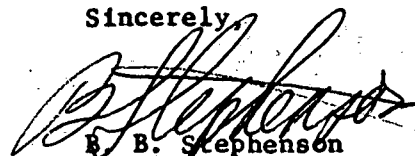
This occurrence did not jeopardize the safety of the plant or the public and resulted in no significant contamination problem.

The immediate action instituted was satisfactory and effective.

In all previous similar occurrences, there have been no safety implications.

The nature of the failure is such that normal maintenance and operating inspections are adequate to prevent or minimize failures of this type on similar equipment. This occurrence poses no reasons for limiting future operation of Dresden Units 2 or 3.

Sincerely,



E. B. Stephenson  
Superintendent