

COMMONWEALTH EDISON COMPANY

ONE FIRST NATIONAL PLAZA ★ CHICAGO, ILLINOIS

Address Reply to:

POST OFFICE BOX 767 ★ CHICAGO, ILLINOIS 60690

June 15, 1970

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 No. 2, Section 6.6.B.3 of the Technical
Specifications

Dear Dr. Morris:

The purpose of this letter is to report an abnormal occurrence in which a transient in the turbine electro-hydraulic control system caused a turbine trip and reactor scram of Dresden Unit 2 on Friday, June 5, 1970. Following the reactor scram, the safety valves inadvertently opened, two of which failed to close fully resulting in the release of a small amount of primary coolant to the primary containment. The safety systems functioned as required during the reactor scram.

Dresden radiation protection procedures were followed. All drywell entries were made according to Dresden procedures and 10 CFR Part 20. Continuing radiation surveys were performed in the drywell and through the plant. A bioassay program was started on selected individuals who had entered the drywell.

Preliminary results of environmental surveillance samples collected after the event have not exhibited higher data in the downwind quadrant from the plant than the data obtained upwind. On and off site Ionization Chambers and on-site air particulate sample results were normal.

Initial action following the reactor scram verified that the reactor was in a safe shutdown condition with all control rods inserted and the reactor core covered with water.

1/4 OK/staff 7/9/70
LK
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Commonwealth Edison Company

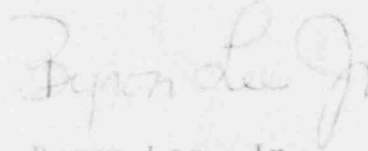
Dr. Peter A. Morris

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June 15, 1970

A review of this occurrence is currently underway with General Electric Company personnel. The Division of Compliance, Region III, is maintaining close contact with the progress of the review. When the review is completed, Commonwealth Edison will report the findings of the review with the Division of Reactor Licensing. We will schedule this review with you before our present maintenance outage is completed and prior to startup of the unit.

Very truly yours,



Byron Lee, Jr.
Assistant to the President

COMMONED NO. 500-37

Commonwealth Edison Company

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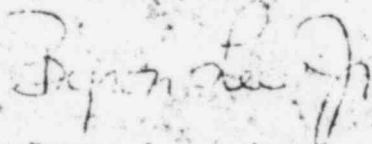
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