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Commonwealth Edison Company

ONE FIRST NATIONAL PLAZA ★ CHICAGO, ILLINOIS

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Regulatory File Cy.

Dresden Nuclear Power Station
R. R. #1
Morris, Illinois 60450
August 17, 1971

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

SUBJECT: LICENSE DPR-19 AND 25, DRESDEN NUCLEAR POWER STATION UNITS 2 AND 3, SECTION 6.6.B.3 OF THE TECHNICAL SPECIFICATIONS

Dear Dr. Morris:

This is to inform you of an unplanned release of radioactive material from the site resulting from the discharge to the river of "B" Floor Drain Sample Tank ("B" FDST) prior to sampling.

PROBLEM AND INVESTIGATION

At approximately 8:30 A.M. on August 7, 1971, "A" Floor Drain Sample Tank ("A" FDST) was secured from discharge to the river for work being performed on instrument air lines in Unit 2/3 Radwaste area. At approximately 9:00 A.M. the work was completed and a new discharge card was issued on "A" FDST. Following standard procedures the Radwaste operator was instructed to restart discharge of "A" FDST under the new discharge card. At 11:03 A.M. the shift foreman observed that "B" FDST was being discharged. He immediately instructed the operator to secure "B" FDST from discharge and to place the tank on recirculation for sampling.

Analysis of "B" FDST showed the tank to contain an activity of 4.1×10^5 pci/l. From the start of discharge at 9:45 A.M. to 11:05 A.M. a total of 3,740 gallons was discharged at a rate of 46.8 gpm. Taking into account a dilution flow of 808,000 gpm the calculated activity in the discharge canal was 23.7 pci/l above river background. This is 23.7 percent of the allowable limit.

3724 B

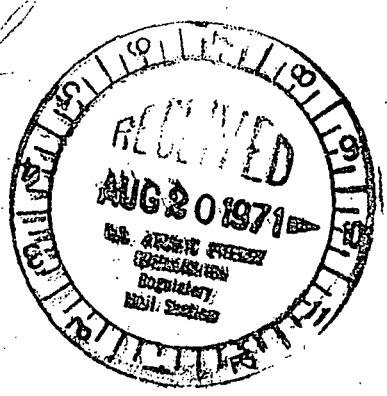
CORRECTIVE ACTION

The cause of the incident was an inadequate check, by the operator, of the valving. He was made aware of the importance of accurate and deliberate action. He was also reinstructed in the established operating procedure.

Even though no release limits were violated more careful observation of established operating procedures have been stressed.

Sincerely,

H. K. Hoyt
Superintendent



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