

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE PNO-III-94-07

This preliminary notification constitutes EARLY notice of events of POSSIBLE safety or public interest significance. The information is as initially received without verification or evaluation, and is basically all that is known by the Region III staff on this date.

<u>Facility</u>	<u>Licensee Emergency Classification</u>
Commonwealth Edison Company	General Emergency
Dresden Unit 1	Site Area Emergency
Morris, Illinois	Alert
	Unusual Event
Docket No. 50-010	X Not Applicable

Subject: SPILL OF APPROXIMATELY 68,000 GALLONS OF SERVICE WATER TO THE DRESDEN UNIT 1 CONTAINMENT

On January 24, 1994, the licensee discovered a break in a dead leg pipe located on the discharge side of the service water (SW) pump associated with the Dresden Unit 1 offgas filter building. The break was due to freezing and the SW system associated with Dresden Unit 1 was then isolated. The SW is non-radioactive river water.

On January 25, 1994, a radiation protection technician discovered approximately four feet of water (estimated to be approximately 68,000 gallons) in the basement of the Dresden Unit 1 containment. This water was found to be contaminated (0.0001 uci/cc (3.7 Becquerels/cc) of cesium-137 and other isotopes) probably as a result of mixing with loose contamination in the containment basement. The containment is not heated and no water source is supposed to be present in the containment. The licensee informed NRC Region III (Chicago) that they believe the leak was isolated when they secured the Unit 1 SW System.

The licensee began pumping the water to a floor drain tank that is being drained, via underground piping, to a waste collector tank in the heated Unit 1 radwaste building where it will be subsequently pumped to a tank in the chemical cleaning building for storage and eventual processing.

The Senior Resident Inspector was notified by the licensee on January 27, 1994. The licensee estimates that it will take approximately seven days to pump out all the water.

Region III (Chicago) has dispatched a radiation protection inspector to the site to review the licensee's actions and to obtain samples of the water for independent measurements of the water activity.

The State of Illinois has been notified. Information in this preliminary notification has been reviewed with licensee management.

This information is current as of 2:00 p.m. January 28, 1994.

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