

PRELIMINARY NOTIFICATION

April 25, 1977

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE--PNO-77-67

This preliminary notification constitutes EARLY notice of an event of POSSIBLE safety or public interest significance. The information presented is as initially received without verification or evaluation and is basically all that is known by IE staff on this date.

~~E. DeYoung~~
~~D. Vassallo~~
~~E. F. [unclear]~~
~~E. [unclear]~~
~~L. [unclear]~~
~~H. [unclear]~~

Facility: Commonwealth Edison Company, Dresden Unit No. 1, (DN 50-010)
Morris, Illinois

Subject: GASEOUS IODINE RELEASE GREATER THAN TECHNICAL SPECIFICATION
LIMIT

The licensee reported on April 22 the release rate of iodine and particulates (greater than 8-day half-life) from Unit 1 slightly exceeded the Technical Specification limit of 2.4 uCi/sec for 28 hours on April 15 and 16, 1977. This release was preceded by a six-day period during which the release rate was above the reporting level of 0.48 uCi/sec.

The elevated releases have been attributed by the licensee to steam leaks in the reactor water cleanup system and in one of the secondary steam generators. In addition to repairing the leak in the cleanup system, the licensee decided on April 22 to reduce power sufficiently to remove the leaking steam generator from service.

Three samples subsequent to the April 15 result showed a marked decreasing trend; however, the sample result for April 18 was still above the 0.48 uCi/sec reporting level.

The Illinois Department of Public Health was notified on April 22, 1977 of the release.

Region III is preparing a press release.

Region III received notification of this occurrence by oral notification of onsite inspector at about 4:00 p.m. on April 22, 1977.

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