

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.

Facility: Detroit Edison Company
Fermi 2
Newport, MI 48166

Docket No. 50-341

Licensee Emergency Classification:
 Notification of an Unusual Event
 Alert
 Site Area Emergency *ack*
 General Emergency
 Not Applicable

Subject: UNIDENTIFIED LEAKAGE FORCES UNIT SHUTDOWN

At 1:09 a.m. (EDT), July 23, 1988, with the unit operating at 90% power, the licensee began a power reduction after unidentified drywell leakage exceeded 4.5 gallons per minute (gpm) and was approaching the Technical Specification limit of 5 gpm.

At 5:05 a.m., with the loss still at 5 gpm, the licensee declared an "unusual event," in accordance with its emergency classification system, and commenced to shut down. The unusual event was terminated at 12:45 a.m. (EDT), July 24, 1988. The unit is currently in cold shutdown.

The leakage is believed to be coming from a Reactor Core Isolation Cooling (RCIC) inboard steam isolation valve, and possibly two other valves in the Reactor Water Cleanup System.

The unit will be shut down 7 to 10 days to make the necessary repairs and conduct other maintenance and inspection activities.

A Region III (Chicago) inspector was onsite during this event. Region III will continue to monitor the licensee's course of action.

The State of Michigan will be notified.

The licensee notified the media of the unusual event. There has been considerable news media interest.

This information is current as of 11:30 a.m. (CDT), July 25, 1988.

P. Pelke
CONTACT: P. Pelke
FTS 388-5560

R. Knop
R. Knop
FTS 388-5547

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