

April 15, 1986

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE PNO-II-86-30

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 II staff on this date.

FACILITY: Duke Power Company
McGuire Unit 1
Docket No. 50-369
Cornelius, North Carolina

Licensee Emergency Classification:
X Notification of Unusual Event
 Alert
 Site Area Emergency
 General Emergency
 Not Applicable

SUBJECT: SHUTDOWN TO REPAIR LEAK INSIDE CONTAINMENT

Duke Power Company has taken McGuire Unit 1 out of service to repair a leak of primary coolant coming from a pressurizer level channel impulse line.

One of the pressurizer level channels failed at 9:46 p.m. (EST) yesterday while the unit was operating at 100 percent power. An unidentified leak of greater than one gallon per minute was calculated at 1:20 a.m. today, and immediately thereafter the leak rate was determined to be about nine gallons per minute. The location of the leak was found during a subsequent containment entry.

Duke declared an unusual event at 4:45 a.m. and began a gradual shutdown of the unit, which has now reached cold shutdown. Preparations are underway for another containment entry during which repairs will be made. McGuire Unit 2 is shut down for refueling.

Duke has issued a news release.

The State of North Carolina has been informed.

Duke informed the NRC headquarters incident response center of this incident at 5:01 a.m. today.

This information is current as of 2 p.m.

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