

January 17, 1992

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE PNO-II-91-02

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  
Charlotte, NC

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

SUBJECT: SHUTDOWN EXCEEDING 72-HOURS/STEAM GENERATOR TUBE LEAK

On January 16, 1992, at 7:12 p.m., Unit 1 commenced a controlled shutdown from 97% power to repair a tube leak on steam generator 1D. The leak rate was estimated to be approximately 250 gallons per day (gpd). The unit was taken off-line at 6:48 a.m., on January 17.

On January 16 at approximately 4:00 p.m., a high radiation alarm was received from two radiation monitors, the steam jet air ejector and the steam generator blowdown line. The Chemistry group took samples of the secondary system and based on an analysis estimated that a primary to secondary system leak of 250 gpm existed in steam generator 1D.

Technical Specifications limits leakage through any one steam generator to a maximum of 500 gpd. The Chemistry analysis and evaluation was completed at approximately 7:00 p.m., and unit shutdown was initiated at 7:12 p.m., on January 16. Following shutdown an evaluation will be made to determine required repairs and the cause of the leak. The unit is estimated to be shutdown for approximately 15-20 days.

Unit 2 is currently in a refueling outage.

This information is current as of 9:00 a.m., on January 17, 1992.

The NRC senior resident inspector was in the control room when the high radiation alarms were received and the resident inspector received notification of the planned shutdown from the licensee at approximately 7:00 p.m., (EST) on January 16, 1992.

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5520: 1/17/92 @ TO REGIONS AND HQ

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