

January 24, 1994

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE PNO-II-94-003

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 Co.
McGuire 1
Cornelius, North Carolina
Dockets: 50-369

Licensee Emergency Classification

Notification of Unusual Event
Alert
Site Area Emergency
General Emergency
X No. Applicable

Subject: SHUTDOWN DUE TO STEAM GENERATOR TUBE LEAK

On January 23, 1994 at about 2:00 a.m., McGuire Unit 1 was conducting a planned shutdown of the unit to test its main steam isolation valves when a steam generator tube leak was detected. The unit was at 25 percent power at the time. The initial indications came from condenser air ejector radiation monitor alarms. Chemistry samples confirmed that steam generator D was leaking at a rate of approximately 100 gallon per day (gpd). There had been no recent identified leakage from this steam generator. The licensee continued to shutdown the unit as required by its administrative limit of 50 gpd leakage through any one steam generator. The unit is currently in cold shutdown and the licensee estimates an outage duration of 30 days. There were no significant radiation releases or other equipment malfunctions.

The unit has been shutdown twice during the past six months due to steam generator tube leaks. One leak occurred when a crack developed in a sleeved tube. The second leak occurred during the subsequent startup when a pulled tube plug was not adequately welded in place.

The NRC resident inspectors were notified and responded to the site.

Unit 2 is currently at 100 percent.

The State of North Carolina has been notified. No press release is planned by the licensee.

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