

January 8, 1998

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE PNO-II-97-065A

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 Region II staff (Atlanta, Georgia) on this date.

Facility

Duke Power Co.
Oconee 1
Seneca, South Carolina
Dockets: 50-269

Licensee Emergency Classification

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

Subject: STEAM GENERATOR (SG) 1A TUBE LEAK - UPDATE

This is an update to the December 28, 1997, Oconee Unit 1 shutdown due to primary-to-secondary leakage exceeding Technical Specification limits. Subsequent licensee pressure testing and inspection of the 1A steam generator identified two tube sheet button plug welds as the major contributor to the primary-to-secondary leakage. Additionally, very minor leakage was identified from 15 tube-to-tube sheet seal welds located at or near the periphery.

Following discussions with the steam generator vendor, the licensee announced their plans to re-roll approximately 1700 tubes in the outer three periphery rows of the 1A steam generator. Re-rolling of the 1A steam generator periphery tubes is scheduled to start today. The licensee also conducted base line pressure testing and inspections of the 1B steam generator on January 7, 1998, finding only minor leakage from a welded tube plug.

The State of South Carolina was notified by the NRC.

This information is current as of 11:00 a.m., on January 8, 1998. The resident inspectors, assisted by a Regional steam generator specialist, are continuing to provide followup and assessment of the licensee's recovery activities.

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