

Licensee/Facility:

SOUTHERN NUCLEAR OPERATING CO., INC.
Vogtle
Waynesboro, Georgia
Dockets: 050-00425
[2] W-4-LP

Notification:

MR Number: 2-2004-0005
Date: 05/03/2004

Subject: STEAM GENERATOR TUBES DEGRADED

Discussion:

This Morning Report provides information concerning confirmed outer diameter circumferential cracks in Unit 2 steam generator (SG) tubes. Unit 2 is currently in a scheduled refueling outage. The SGs are Westinghouse Model F with thermally treated alloy 600 tubes. During eddy current testing (ECT) of SG hot leg tubes in SGs 2 and 3, the licensee identified three tubes in SG 2 and three tubes in SG 3 with indications of circumferential cracking. At least one tube in SG 2 has been confirmed to have circumferential cracking by ultrasonic testing. The licensee determined the crack indications were at the transition area just above the tube sheet. The licensee is continuing their ECT of all tubes in SGs 2 and 3 at the tube sheet and ultrasonic testing of the remaining 5 tubes with circumferential crack indications. Due to the confirmed the circumferential crack, the licensee will expand their examination to include at least 20% of the hot leg tubes in SGs 1 and 4.

All Unit 2 SGs were examined during previous refueling outages and no indications of outer diameter circumferential cracks were identified. In addition, there were no indications of primary-to-secondary leakage during the recently completed operating cycle.

This information is current as of 12:00 p.m. 5/3/2004.

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