

TELECOPY TO NRC

June 26, 1981

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U.S. Nuclear Regulatory Commission
Region II
101 Marietta Street, NW
Suite 3100
Atlanta, Georgia 30303

SQRO-50-327/81067



Reported under Technical Specification 6.9.1.12.1

Date of Occurrence: 06/26/81 Time of Occurrence: 1055 EDT

Technical Specification Involved: 3.3.3.5 and 3.7.1.2

Conditions Prior to Occurrence

Unit in Mode 4 preparatory to heat up to Mode 3.

Identification and Description of Occurrence

A safety evaluation based on nonconformance report NCR SQN EEB 8118 and a related equipment inspection at the plant site identified that the following steam generator level transmitters could fail during a LOCA: 1-LT-3-148, 156, 164, 172, 174, 175. The transmitters are required to meet Technical Specifications 3.7.1.2 (Modes 1-3) and 3.3.3.5 (Modes 1-3). Since the Unit was in Mode 4, no action statement was applicable.

Apparent Cause of Occurrence

Teflon insulation used in the transmitter amplifiers is degraded by radiation (10⁷ rads) such that the transmitter output is reduced.

Other Related Events

The potential defect was reported to TVA by Foxboro. The resulting inspections identified the equipment containing defective amplifiers.

Corrective Action Taken or Planned

The defective amplifiers were replaced with qualified amplifiers (supplied by Foxboro) prior to entry into Mode 3.

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