

USNRC REGION II
ATLANTA, GEORGIA

TELECOPY TO NRC

Apr. 18, 1983

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U. S. Nuclear Regulatory Commission
Region II
101 Marietta Street, NW
Suite 3100
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BFRO-50-259/83020

Reported under Technical Specification 6.7.2.a.2

Date of Occurrence: 4/18/83 Time of Occurrence: 0400 hours Unit 1

Technical Specification Involved: 4.7.A.2.1 and 4.7.A.2.g

Conditions Prior to Occurrence

Unit 1 - Cold shutdown for refueling
Unit 2 - at 1045 MWe
Unit 3 - at 1091 MWE

Identification and Description of Occurrence

Performance of Surveillance Instruction 4.7.A.2.g-3 revealed that the leakage rate for "A" line MSIV's was a total of 4883.3806 SCFH. Using conservative assumptions, the leak rate applicable to each valve is 2441.6903 SCFH. This causes the total type B and C tests to exceed 60% La or 655.9 SCFH (T. S. 4.7.a.2.g) and causes the technical specification limit of 11.5 SCFH (T. S. 4.7.a.2.i) to be exceeded.

Apparent Cause of Occurrence

Leakage past the main valve seat.

Other Related Events

BFRO 50-259/77023, 78034, 80003, 81014
BFRO 50-260/79007, 80042, 82032
BFRO 50-296/78025, 79014, 80058, 80059, 81073,

Corrective Action Taken or Planned

Corrective maintenance to valve seating surfaces along with long-term modification on MSIV's.

J. A. Coffey
J. A. Coffey
Acting Power Plant Superintendent
Browns Ferry Nuclear Plant

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