

L52 8804 20 830

TELECOPY TO NRC
Apr. 20, 1983

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U. S. Nuclear Regulatory Commission
Region II
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BFRO-50-296/83024

Reported under Technical Specification 6.7.2.a.(8)

Telecopy : Date: 4/20/83 Time: 1300

Telephone : Date: 4/20/83 Time: 1220

Person Contacted: Ross Butcher and Floyd Cantrell

Date of Occurrence: 4/19/83 Time of Occurrence: 1500

Technical Specification Involved: 2.1

Conditions Prior to Occurrence

Unit 1 - Refueling outage
Unit 2 - 94% - steady state
Unit 3 - 99.5% - steady state

Identification and Description of Occurrence

Review of licensing documents revealed the Lead Test Assemblies in unit 3 could reach a maximum of 18.8 kw/ft in the event of rod withdrawal error (reference supplemental reload licensing submittal BFNP 3 Reload 4). NEDC 24376 gives the safety limit LHGR for the LTA's as 17.8 kw/ft at 0 exposure and 17.6 kw/ft at 25000 MWD/t exposure. Potential for violation of LHGR safety limits exists.

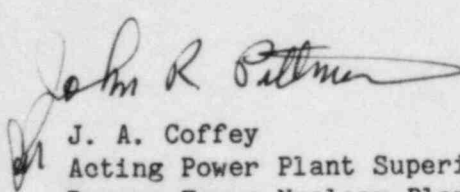
Apparent Cause of Occurrence

Error in the preparation and review of GE licensing documents.

Other Related Events

Corrective Action Taken or Planned

MFLPD for LTA's was verified less than .904. This ensures LHGR is equal to or less than 12.1 and in the event of rod withdrawal error the maximum LHGR for the LTA's will not exceed 17.0 kw/ft. This will be monitored on a daily basis and administratively controlled. General Electric has been contacted to perform the rod withdrawal error reanalysis using a control cell core rod configuration (which unit 3 has operated in this cycle).


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Acting Power Plant Superintendent
Browns Ferry Nuclear Plant
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