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DEC 22 1981

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

SQRO-50-328/81152

Reported Under Technical Specification: 6.9.1.12.b

Date of Occurrence: 12/22/81 Time of Occurrence: 0300 CST

Technical Specification Involved: 3.1.1.3

Conditions Prior to Occurrence

Unit 2 in mode 2, 0% power, RCS temperature and pressure 547 degrees F and 2235 psig.

Identification and Description of Occurrence

While increasing reactor parameters for power ascension, control rod withdrawal limits established in accordance with the action statement associated with limiting condition for operation 3.1.1.3 of the Sequoyah Technical Specifications were violated. These operating limits were established as required by LCO 3.1.1.3 in Special Report 81-8 sent to Mr. James P. O'Reilly on November 13, 1981.

Apparent Cause of Occurrence

The operating limits established were not in startup procedures, and the time period since November 13, 1981, contributed to the inadvertent omission of referencing the operating limits to maintain a negative moderator temperature coefficient during Unit 2 startup.

Other Related Events

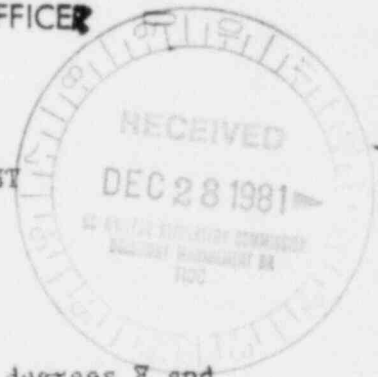
Reference the memorandum and enclosed Special Report from H. J. Green to Mr. James P. O'Reilly dated November 13, 1981.

Corrective Action Taken or Planned

The operator diluted the boron concentration in order to reestablish applicable control rod positions to within established operating limits within an hour. A temporary change is being proposed to our Technical Instruction 21 (Calculation of Estimated Critical Conditions) with a note to caution the unit operators on established control rod withdrawal limits.

C. C. Mason
Power Plant Superintendent
Sequoyah Nuclear Plant

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