

LER SUPPLEMENTAL INFORMATION

BFRO-50- 260/ 83018 Technical Specification Involved 3.5.K

Reported Under Technical Specification 6.7.2.b(2) * Date Due NRC 5/13/83

Event Narrative:

Unit 1 was operating at 80.4-percent power and unit 3 was operating at 99.7-percent power. Both units were unaffected by this event. At 1723, while unit 2 was at 72.9-percent power returning to rated power following a load drop for rod pattern adjustment, the nuclear engineer observed during normal monitoring that the Minimum Critical Power Ratio of T.S. 3.5.K was exceeded as determined by a Core Maximum Fraction of Critical Power of 1.006. The health and safety of the public were not affected since the safety limit was not exceeded.

In an attempt to keep the fraction of rated power greater than the Core Maximum Fraction of Limiting Power Density, power was increased by withdrawing deep control rods. During the preconditioning ramp, Xenon changes and low core flow combined to cause the MCPR to be exceeded. Immediately upon determining the violation, control rods were inserted to reduce the CMFCP to 0.970 by 1730.

This is considered an isolated event and no further recurrence control is warranted.

* Previous Similar Events:

None

Retention: Period - Lifetime; Responsibility - Document Control Supervisor

*Revision: JRP