

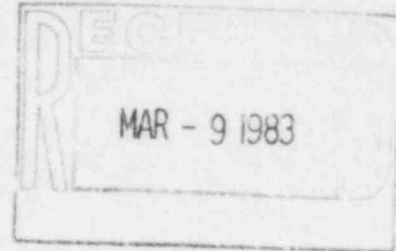


ARKANSAS POWER & LIGHT COMPANY

Arkansas Nuclear One
P. O. Box 608
Russellville, Arkansas 72801
March 5, 1983

ANO-83-2-0216

Mr. John Collins
Regional Administrator
Office of Inspection & Enforcement
Region IV
U.S. Nuclear Regulatory Commission
111 Ryan Plaza Drive, Suite 1000
Arlington, TX 76011

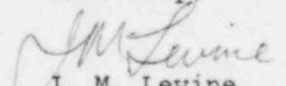


SUBJECT: Arkansas Nuclear One - Unit 2
Reportable Occurrence 50-368/83-009/01T-0

Mr. Collins:

At approximately 1530 on March 4, 1983, it was determined that the response times of four Reactor Coolant System (RCS) Resistance Temperature Detectors (RTD's) had increased. The effect of the increase was that the effective RTD time constants of one Channel A and one Channel D Core Protection Calculator (CPC) T-hot input were not adequately compensated by the installed penalty factors as prescribed in Technical Specification Figure 3.3-1. New penalty factors were calculated and entered into the affected CPCs by 1605 on March 4. This has been determined to be reportable per Technical Specification 6.9.1.8.b as required by the July 21, 1982 letter from C. M. Trammel to William Cavanaugh transmitting amendment 33 to license NPF-6. Further details will follow in a Licensee Event Report (LER) 50-368/83-009/01T-0. This occurrence is similar to LER 50-368/81-017/01T and 50-368/82-001/01T-0.

Sincerely,


J. M. Levine
General Manager

JML:LJD:pkn

cc: W. Cavanaugh, III
J. M. Griffin
J. R. Marshall
INPO
Resident NRC Inspectors
ANO-DCC

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