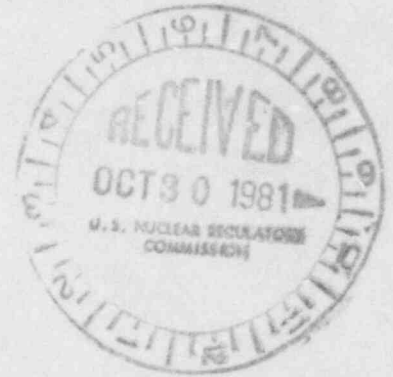




ARKANSAS POWER & LIGHT COMPANY

Arkansas Nuclear One
P. O. Box 608
Russellville, Arkansas 72801
October 2, 1981



ANO-81-8442

Mr. Glenn Madsen
U.S. Nuclear Regulatory Committee
Region 4 - Suite 1000
611 Ryan Plaza Drive
Arlington, TX 76012

SUBJECT: Arkansas Nuclear One
Immediate Report LER 50-368/81-34
FFWP Steam Supply
Check Valve Failures

Dear Mr. Madsen:

This facimile is being transmitted per Technical Specification 6.9.1.8 of operating license NPF-6 of ANO-2 to document information which was provided to Mr. J. Callan, ANO resident inspector, during a conversation at 1305 hours on October 2, 1981.

During a maintenance outage of Unit 2, (Mode 5 operation, SDC in service) one of the check valves (2MS-39A) in the steam supply line to the Emergency Feedwater Pump Turbine was disassembled to repair a minor ringe pin leak which had been noted during unit operation. Internal damage was found which would have precluded the valve from preventing reverse flow. The valve disc was broken from the disk pin; and the disk pin, pin nut, and washer were missing.

The valve counterpart (2MS39B) on the alternate steam generator header was then disassembled. Similar results were noted. That is, the disk pin nut and washer were missing. However, in this case, the disc pin was still integral to the disc and the assembly was in place.

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All internals have been recovered with the exception of one nut and washer. It appears that the failure was caused when the disk retainer nut backed off due to the use of inappropriate key material. Retrieval efforts will continue and both valves will be repaired prior to restart of Unit 2.

Further information will be provided in the follow-up report and the ANO resident inspectors will be kept informed.

Sincerely,

J.P. O'Hanlon

James P. O'Hanlon
General Manager

by B.A. Baker

JPO:LJD:sbp

cc: B. A. Baker
G. A. Charles (FNB-7)
L. J. Dugger
J. M. Griffin
D. C. Trimble
NRC Resident Inspectors
ANO-DCC