

LICENSEE EVENT REPORT

EXHIBIT A

LER No. 50-368/81-038/03X-1

Occurrence Date: 10/09/81

Cause Description and Corrective Actions (Continued)

would not accumulate in the lines. The EFW Pump, 2P7A, was tested, found operable and returned to service. The 10/12/81, occurrence was caused by the steam supply control valve not being properly reset after maintenance. The valve limits were reset properly and the EFW Pump, 2P7A, was tested, and returned to operable status. The design of the governor for the turbine driver was determined to have a high sensitivity to minor system deficiencies which should not by themselves cause the driver to overspeed. Consequently, a design change to reduce sensitivity to overspeed was installed. The new design changed the startup method so that steam is admitted to the turbine through a new bypass line for 15 seconds prior to opening the steam inlet valves (2CV-0340-2). This allows the turbine speed to increase to the idle speed which pressurizes the hydraulic portion of the governor system. This facilitates the governor to respond quickly enough to prevent an overspeed trip when 2CV-0340-2 opens after the 15 second time delay. This design change was completed and the system was released to operations on 11/17/82.



ARKANSAS POWER & LIGHT COMPANY

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July 16, 1984

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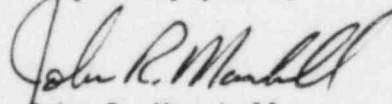
U. S. Nuclear Regulatory Commission
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Subject: Arkansas Nuclear One - Unit 2
Docket No. 50-368
License No. NPF-6
Licensee Event Report
No. 81-038/03X-1

Gentlemen:

In accordance with Arkansas Nuclear one - Unit 2 Technical Specification 6.9.1.9b, attached is the subject report concerning steam driven Emergency Feedwater Pump (EFW) 2P7A. This is an update to a previous submittal dated October 30, 1981. Change bars have been added to indicate the updated material.

Very truly yours,


John R. Marshall
Manager, Licensing

JRM:RJS:ac

Attachment

cc: Mr. Richard C. DeYoung
Office of Inspection and Enforcement
U. S. Nuclear Regulatory Commission
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Mr. Norman M. Haller, Director
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