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March 2, 1990

1CAN039005

U. S. Nuclear Regulatory Commission
Document Control Desk
Mail Station P1-137
Washington, DC 20555

Subject: Arkansas Nuclear One - Unit 1
Docket No. 50-313
License No. DPR-51
Technical Specification Change Request
for ANO-1 Sprinkler System

Gentlemen:

As a result of an internal review of the Technical Specifications involving the fire protection sprinkler systems suggested changes to the surveillance requirements of Technical Specification section 4.21 were identified. This amendment request addresses those proposed changes.

There are several changes to section 4.21. The first changes are to add requirements for surveillance testing of the Hallway E1 372 (Zone 98-J) and the Condensate Demineralizer area sprinkler systems. The Bases will also be changed to reflect these new requirements. The bases description of the emergency diesel generator rooms, diesel generator fuel vault, cable spreading room, and four cable penetration rooms are being corrected to more accurately describe the systems as installed. Also, the surveillance requirements for these systems are being standardized.

The circumstances of this proposed Technical Specification amendment request are not exigent or emergency. In accordance with 10CFR50.92(c), it has been determined that this change involves no significant hazards considerations.

AP&L requests that the effective date for this change be 30 days after NRC issuance of the amendment to allow for distribution of this change.

Sincerely,

N. S. Carns
Vice President, Nuclear

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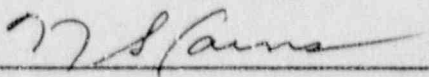
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STATE OF ARKANSAS)
)
COUNTY OF POPE)

SS

I, N. S. Carns, being duly sworn, subscribe to and say that I am Vice President, Nuclear for Arkansas Power & Light Company; that I have full authority to execute this oath; that I have read the document numbered ICAN039005 and know the contents thereof; and that to the best of my knowledge, information and belief the statements in it are true.



N. S. Carns

SUBSCRIBED AND SWORN TO before me, a Notary Public in and for the County and State above named, this 2 day of March, 1990.



Notary Public

My Commission Expires:

5-9-91

PROPOSED TECHNICAL SPECIFICATION CHANGE

LICENSE AMENDMENT REQUEST

IN THE MATTER OF AMENDING

LICENSE NO. DPR-51

ARKANSAS POWER & LIGHT COMPANY

ARKANSAS NUCLEAR ONE, UNIT 1

DOCKET NO. 50-313

DESCRIPTION OF AMENDMENT REQUEST

The first change to the Technical Specifications is to standardize the surveillance requirements for all the sprinkler systems covered by this specification. Although not required, additional surveillance requirements have been determined to be appropriate for inclusion in the Technical Specifications. Specifications 4.21.1 and 4.21.2 are being deleted and 4.21.3 is being renumbered to 4.21.1. All of the sprinkler systems previously covered by Specification 4.21.1 and 4.21.2 will be included in the new 4.21.1 specification. The new Specification 4.21.1 will demonstrate operability by verifying that each system is aligned to the fire pump at least once per 31 days, by requiring the testable valves in the flow path for each system be cycled once per 12 months and the spray nozzles and headers to be inspected once per 18 months. Additionally, the Specification is being revised to include surveillance testing of the Condensate Demineralizer Area Sprinkler System and the Hallway El. 372 (Zone 98-J) Sprinkler System. It was identified during an internal audit that Technical Specification 3.18 required the systems to be operable, but no surveillance requirements for these systems existed in Section 4.21. The revised specification will include all required sprinkler systems per Technical Specification 3.18. It should be noted that the proposed surveillance requirements have been administratively required since October 1987. Also, the Bases is being changed to reflect current system design.

BASES FOR PROPOSED NO SIGNIFICANT HAZARDS CONSIDERATION DETERMINATION

Arkansas Power & Light Company has performed an analysis of the proposed changes in accordance with 10CFR90.91(a)(1) regarding no significant hazards consideration, using the standards in 10CFR90.92(c).

The proposed changes do not involve a significant hazards consideration because operation of Arkansas Nuclear One Unit 1 in accordance with this change would not:

- 1) Involve a Significant Increase in the Probability or Consequences of an Accident Previously Analyzed.

The proposed changes would add requirements for additional surveillance of the specified fire protection sprinkler systems. Therefore there is no increase in the probability or consequences of an accident previously analyzed.

- 2) Create the Possibility of a New or Different Kind of Accident from any Previously Evaluated.

No new possibility for an accident is introduced by modifying the specifications for the surveillance testing of the sprinkler systems to increase the surveillance requirements. Therefore, the possibility of a new or different kind of accident from any previously evaluated is not created.

- 3) Involve a Significant Reduction in the Margin of Safety

This change does not involve a significant reduction in the margin of safety; rather, it adds additional surveillances not presently required by the Technical Specifications.

PROPOSED TECHNICAL SPECIFICATION CHANGES