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NOV 17 1977

Docket No. 50-313, 50-368

Arkansas Power & Light Company
ATTN: Mr. William Cavanaugh, III
Executive Director, Generation
and Construction
Post Office Box 551
Little Rock, Arkansas 72203

Gentlemen:

In a November 15, 1977 telephone conversation with members of your staff, we identified several areas of your fire protection review for Arkansas Nuclear One, Unit Nos. 1 and 2 which require immediate action on your part. These areas are identified in the enclosed Request for Additional Information.

You should supply the requested information in Item 1 within 30 days of receipt of this letter. You should also, within 15 days of receipt of this letter, supply a schedule for the submittal of the information requested in Item 2.

Sincerely,
Original signed by

Don K Davis

Don K. Davis, Acting Chief
Operating Reactors Branch #2
Division of Operating Reactors

Enclosure:
As stated

cc w/enclosure:
See next page

THIS DOCUMENT CONTAINS
POOR QUALITY PAGES

*R. Martin LWR-1
11/17/77*

*AP 3
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OFFICE →	DOR:ORB #2	DPM:LWR #1	DOR:ORB #2		
SURNAME →	RPSnaider:rj	JStolz	DKDavis		
DATE →	11 17 77	11 17 77	11 17 77	8004210673	F



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

November 17, 1977

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Sincerely,

A handwritten signature in dark ink, appearing to read "Don K. Davis".

Don K. Davis, Acting Chief
Operating Reactors Branch #2
Division of Operating Reactors

Enclosure:
As stated

cc w/enclosure:
See next page

Arkansas Power & Light Company

- 2 -

November 17, 1977

cc w/enclosure:

Phillip K. Lyon, Esquire
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Mr. Donald Rueter
Manager, Licensing
Arkansas Power & Light Company
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Little Rock, Arkansas 72203

Mr. John W. Anderson, Jr.
Plant Superintendent
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Post Office Box 608
Russellville, Arkansas 72801

Arkansas Polytechnic College
Russellville, Arkansas 72801

ARKANSAS NUCLEAR ONE - UNIT NOS. 1 AND 2

FIRE PROTECTION

REQUEST FOR ADDITIONAL INFORMATION

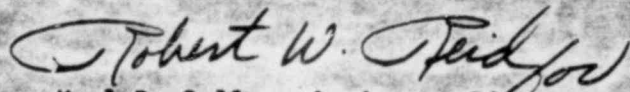
1. Administrative Controls - A description of the AP&L administrative controls for fire protection should be provided that describe how the NRC guidelines contained in the document "Nuclear Plant Fire Protection Functional Responsibilities, Administrative Controls and Quality Assurance" are met. These guidelines were transmitted to AP&L by letter dated August 23, 1977. A commitment to implement specific guidelines is acceptable in lieu of a description, with the exception that a description of the organizational positions and responsibilities, as reflected in Attachment No. 1 of our guidelines should also be provided. Where exceptions are taken to specific guidelines, the alternative approach should be described and justified.
2. Fire Hazards Analysis - The fire hazards analysis information provided to date by AP&L does not respond to the NRC requests of October 21, 1976 (ANO-1) and September 30, 1976 (ANO-2) and, therefore, does not provide sufficient information to allow an independent review by the staff on the adequacy of fire protection for each area. Specifically, the following information should be provided for each fire zone:
 - (a) An identification of the safety-related and safe-shutdown systems located in each fire zone. Where a fire zone is identified as having only one safety division of equipment, an identification of systems in the area need not be provided; however, an adequate description of barriers or other features should be provided to show that a postulated fire would be contained within the fire zone.
 - (b) A list of the type, quantity, fireload, and special characteristics of the combustible materials in each fire zone.
 - (c) A description of the design features, such as barriers, physical separation, curbs, configurations, isolation devices, etc., which prevent loss of redundant equipment in a common fire.
 - (d) Identification of the fire hazards analysis acceptance criteria which are met for the specific zone, including a description of required modifications, the bases for conclusions made, and a description of how the ANO acceptance criteria were met.

NOV 04 1977

On September 13, 1977, representatives of your staff and Bechtel presented the results of the latest analysis of this matter and provided plans for the proposed interim and long-term repair programs. We have completed our review of the information presented to date on this matter and concur with the action you have taken. However, we will require that you submit detailed information on the proposed interim and final measures for our review.

Our related Safety Evaluation is enclosed.

Sincerely,
Original signed by



Karl R. Goller, Assistant Director
for Operating Reactors
Division of Operating Reactors

Enclosure:
Safety Evaluation

cc w/enclosure:
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DATE →	11/2/77	11/2/77	11/3/77	11/10/77	11/4/77