



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

NRC PER

March 20, 1979

Docket No. 50-313

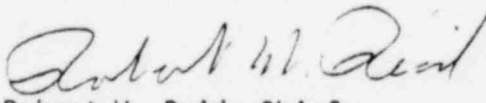
Mr. William Cavanaugh, III
Executive Director, Generation
and Construction Department
Arkansas Power & Light Company
P. O. Box 551
Little Rock, Arkansas 72203

Dear Mr. Cavanaugh:

To complete our review of the electrical and instrumentation subsystems of the emergency core cooling system for single failure, we find additional information is needed to support our evaluation.

You are requested within 20 days of receipt of this letter to provide response to the enclosed request for additional information.

Sincerely,


Robert W. Reid, Chief
Operating Reactors Branch #4
Division of Operating Reactors

Enclosure:
Request for Additional
Information

cc w/enclosure:
See next page

7904090329

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Request for Additional Information
Concerning
Electrical & Instrumentation Subsystems
for
ECCS Analysis
for
Arkansas Nuclear One - Unit 1
Docket No. 50-313

1. Justify the qualification of Rotork submerged valve operators for valves CV-1050, CV-1410, CV-1414 and CV-1415 which were tested by the manufacturer at 50°F (See AP&L letter dated January 20, 1978) and which are required to perform submerged following a LOCA where the temperature of the flood water inside containment could be as high as 180°F.
2. Document the information which was discussed on January 24, 1979, concerning the service water return valves CV-3823 and CV-3824. Include in this documentation the following:

Confirm there are two pressure indications in the control room for each of the two service water pumps and piping systems and one or both these pressure switches alarm in the control room to indicate that the service water discharge line is closed.

3. Submit a request for amendment which would provide Technical Specification requirements for all the service water system including the line up of the valves. Our particular concern is that CV-3823 and CV-3824 have specifications such that one valve should be required to open with the power to its operator removed. Also, since the one valve which is opened is considered a potential single failure given an operator inadvertent closure, the Technical Specification should require the valve be verified open and the power to the operator verified removed at least once per 12 hours.