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

JUL 25 1979

Docket No.: 50-368

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

Dear Mr. Cavanaugh:

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION REGARDING IE BULLETIN 79-06B

We have reviewed your responses to IE Bulletin 79-06B for the Arkansas Nuclear Plant which were transmitted by letter dated April 24, 1979. Our review of your responses has led us to believe that you have a general understanding of our concerns arising from the TMI-2 incident in relation to their implications to the operation of the Arkansas Nuclear Plant. Nevertheless, we have discovered some deficiencies in your responses which must be resolved before we issue our safety evaluation for the Arkansas Nuclear Plant. The resolution of these deficiencies is contingent upon receiving complete and acceptable responses to the questions in Enclosure 1.

As a result of our continuing review of the TMI-2 incident, we may impose other corrective actions in addition to those in IE Bulletin 79-06B. In the interim, if you need any clarification of the enclosed questions, please contact Mr. I. Villalva, the staff's assigned project manager for Bulletins and Orders involving C-E designed reactors. Mr. Villalva may be reached on (301) 492-7745.

In order to ensure a timely response to the items in the enclosure, we previously transmitted to you a facsimile of said enclosure via telephone. Accordingly, we request that responses to the items in the enclosure be forwarded to this office approximately two weeks after receipt of the enclosure, but no later than August 10, 1979.

Sincerely,

John F. Stolz

John F. Stolz, Chief
Light Water Reactors, Branch No. 1
Division of Project Management

Enclosure:
Request for Additional Information

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cc w/enclsoures: See next page

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Enclosure 1

REQUEST FOR ADDITIONAL INFORMATION

REGARDING IE BULLETIN NO. 79-06B

ARKANSAS NUCLEAR ONE, UNIT NO. 2

DOCKET NO. 50-368

As a result of the review of the ANO-2 responses to Bulletin No. 79-06B, we find that the following additional information is required. The item numbers correspond to the bulletin action item and the related licensee response.

2.a Identify the availability and use of parameters required to verify that the natural circulation mode of operation has been established.

3. Provide a commitment for assuring manual initiation of CI upon actuation of the SIAS until such time as your long term modifications, as stated in your response to this bulletin item, are completed. Also, provide assurance that you will initiate a manual override for the valves in the component cooling water system to the RC pump coolers upon actuation of CI provided this action does not lead to unsafe plant conditions.

6.b Provide assurance that operating procedures will be modified to keep high pressure injection and charging pumps in operation in accordance with the criteria as provided in Item 6.b of the bulletin, and as clarified by the following statement:

"After 50F subcooling has been achieved, termination of high pressure safety injection (HPI) operation prior to 20 minutes is only permissible if it has been determined that continued operation would result in an unsafe plant condition, e.g., attaining pressure/temperature conditions that could jeopardize vessel integrity or that could have the potential for opening the PORVs or safety valves so as to discharge water or a two-phase fluid consisting of water and steam."

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7. Provide assurance that all locked safety related valves are positioned and maintained in the appropriate position for all modes of operation.

11. Revise your procedures, as necessary, to ensure NRC notification within one hour of the time the reactor is not in a controlled or expected condition of operation.

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