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Docket No. 50-313

Arkansas Power and Light Company
Attn: Mr. J. D. Phillips
Senior Vice President
Production, Transmission and Engineering
Sixth and Pine Streets
Pine Bluff, Arkansas 71601

Gentlemen:

In the final review of Arkansas Nuclear One, Unit 1, for the operating license (Facility License No. DPR-51), two matters were left for post licensing resolution. These were the design of the Steam Line Break Instrumentation and Control System (SLBIC) and the interconnection of a non-safety grade control system to components of the safety related Emergency Feedwater System (EFWS) components. In addition to these two items, by your letter of April 29, 1974, you also proposed for our review a modification of the shutdown bypass circuitry in the Reactor Protective System. We have completed our review of these three matters as discussed in the enclosed Safety Evaluation and have concluded that the systems and modifications as proposed are acceptable.

It is our understanding that the SLBIC system is not yet installed, that the automatic controls for the EFWS are not yet connected, and that the RPS modification is complete. Since the SLBIC installation should be completed before Unit 1 exceeds 225 effective full power days of life on the first core, please submit your schedule for completing this work and your proposed changes to the Technical Specifications within 60 days of receipt of this letter.

Sincerely,

Original signed by
Karl R. Goller

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

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Enclosure:
Safety Evaluation

OFFICE	ccs: See page 2	TR: EICB	RL: ORB-2	AD: OR
SURNAME	RL: LMFBR RBernero: mm	RL: LWR ASchwencer	Tippolito	FAnderson KGoller
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Mr. J. D. Phillips

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ccs: Horace Jewell, Esq.
House, Holms, & Jewell
1550 Tower Building
Little Rock, Arkansas 72201

William Cavanaugh III
Production Department
P. O. Box 551
Little Rock, Arkansas 72203

Arkansas Polytechnic College
Russelville, Arkansas 72801

OFFICE ➤

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