



ARKANSAS POWER & LIGHT COMPANY  
POST OFFICE BOX 551 LITTLE ROCK, ARKANSAS 72203 (501) 371-4000

August 31, 1979

1-089-19

Director of Nuclear Reactor Regulation  
ATTN: Mr. R. W. Reid, Chief  
Operating Reactor Branch #4  
U. S. Nuclear Regulatory Commission  
Washington, D. C. 20555

Subject: Arkansas Nuclear One-Unit 1  
Docket No. 50-313  
License No. DPR-51  
Long - Term Generic Issues  
Related to May 17, 1979 Order  
(File: 1510)

Gentlemen:

In accordance with the request of Dr. D. F. Ross' letter of August 21, 1979, we have reviewed Enclosure 1 of that letter and provide the following responses to Items 1, 4, 5, 7 and 8.

Item 1

The failure modes and effects analysis of the Integrated Control System (ICS) was provided via letter from James H. Taylor to Dr. D. F. Ross, Jr., dated August 17, 1979. The report, entitled "Integrated Control System Reliability Analysis", also includes a reliability assessment of the ICS plant operating experience. We have reviewed this report and basically endorse it as applicable to our system. Specific areas of difference are limited and will be addressed in our response to necessary system or procedural changes, if your review should come to that conclusion. Our operating experience has lead us to believe the ICS is a reliable control system.

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*APL 5/10*  
*D. F. ROSS*  
*R. CAPRA*  
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