



ARKANSAS POWER & LIGHT COMPANY  
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May 1, 1984

2CAN058403

Director of Nuclear Reactor Regulation  
ATTN: Mr. James R. Miller, Chief  
Operating Reactors Branch #3  
Division of Licensing  
U. S. Nuclear Regulatory Commission  
Washington, DC 20555

SUBJECT: Arkansas Nuclear One - Unit 2  
Docket No. 50-368  
License No. NPF-6  
Fuel Assembly Shoulder Gaps  
for Cycle 4 Operation

Gentlemen:

In response to your letter dated February 24, 1984, (2CNA028401), and conversations with Mr. R. Lee, of your staff, on February 27, 1984, the following is provided.

AP&L will submit an examination plan and related acceptance criteria approximately two months before plant shutdown for the next refueling (2R4). We will provide preliminary results of the end of Cycle 4 fuel inspections that verify shoulder gap will not present a safety issue for Cycle 5 operation. Preliminary results will be provided to NRC prior to replacing the reactor vessel head.

For your information, the current schedule for 2R4 is January 30, 1985, at 100% capacity factor and August 1, 1985, for 60% capacity factor.

Very truly yours,

John R. Marshall  
Manager, Licensing

JRM:TE:ac

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