



ARKANSAS POWER & LIGHT COMPANY

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July 26, 1983

2CAN078310

Director of Nuclear Reactor Regulation
ATTN: Mr. Robert A. Clark, 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
Shoulder Gap Inspections for ANO-2

Gentlemen:

Your letter dated June 8, 1983, (2CNA068301) requests that we commit to provide you with an examination plan and acceptance criteria to verify our conclusion that shoulder gap clearance for the 16x16 fuel will not be a safety concern for Cycle 4 operations. We currently plan to provide the requested information by August 19, 1983.

Due to exceptional performance of ANO-2, the shutdown for refueling formerly scheduled for January, 1984, is currently planned for early October. We understand that submittal of the requested information by August 19 may not allow the requested two months for review depending upon the actual date of the shutdown. However, this schedule was discussed with Mr. Bob Lee, ANO-2 project manager, on July 22 and 25, 1983 and was deemed acceptable.

Our current intent is to measure the batch "C" assembly shoulder gaps and use the results to refine the present growth versus fluence model. Subsequently, the batch "D" assembly shoulder gaps will be measured and screened for acceptance based on the refined model.

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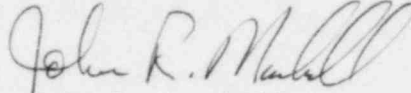
Mr. Robert A. Clark

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As you have requested, the preliminary results of the Cycle 3 fuel inspections will be provided verbally prior to replacing the reactor vessel head. A written report will be submitted when it becomes available.

Very truly yours,

A handwritten signature in dark ink, appearing to read "John R. Marshall". The signature is fluid and cursive, with the first name "John" being the most prominent.

John R. Marshall
Manager, Licensing

JRM:JK:s1