



ARKANSAS POWER & LIGHT COMPANY

FIRST NATIONAL BUILDING/P.O. BOX 551/LITTLE ROCK, ARKANSAS 72203/(501) 371-4422

November 19, 1982

WILLIAM CAVANAUGH, III
Senior Vice President
Energy Supply

1CAN118210

Director of Nuclear Reactor Regulation
ATTN: Mr. John F. Stolz
Operating Reactors Branch #4
Division of Licensing
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

SUBJECT: Arkansas Nuclear One - Unit 1
Docket No. 50-313
License No. DPR-51
Cycle 6 Reload Report Submittal

Gentlemen:

Enclosed is one copy of the ANO-1 Cycle 6 Reload Report for your review. Additional copies of this report are currently being printed and twenty (20) copies will be forwarded to you by November 23, 1982. Included in the report are proposed Technical Specification changes required as a result of this reload.

The Cycle 6 reload will include four extended burnup lead test assemblies (LTAs). These assemblies are described in Babcock and Wilcox Topical Report BAW-1626, "Extended Burnup Lead Test Assembly Irradiation Program", as referenced in the enclosure. As discussed via telephone conversation with Mr. Guy Vissing and others of your staff, the inspection program for the LTAs described in BAW-1626 has been reduced from an inspection of four LTAs at the end of Cycle 6 to an inspection of two LTAs. This is acceptable because the LTAs are not the limiting assemblies during Cycle 6. As noted in NRC's Safety Evaluation of the ANO-1 Cycle 5 Reload Report, the purpose of these examinations is to support possible future full reloads using this type fuel assembly. These examinations are not needed to support operation with the LTAs during Cycle 6.

For your information, eight fuel rods located on the corners of two fuel assemblies in Batch 8 will contain fuel pellets manufactured by General Electric (GE). These pellets meet the specifications for B&W fuel. It is anticipated that additional fuel pellets will be provided by GE in the future. This is merely a change in the manufacturer of the pellets and is not expected to adversely affect the design of the fuel.

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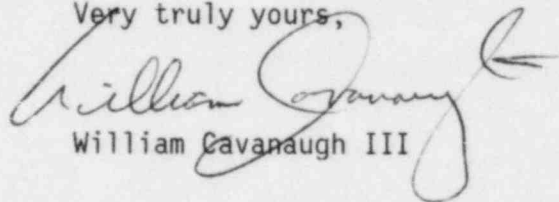
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November 18, 1982

ANO-1 was shutdown for refueling on November 8, 1982. This was eighteen days earlier than the scheduled refueling date of November 26, 1982. The early shutdown was due to excessive reactor coolant pump seal leakage. Our current schedule is to achieve initial criticality following this refueling by February 11, 1983. We will keep the NRR project manager informed of any changes to this schedule and will work with you to resolve any concerns which may arise during your review.

It has been determined, by the criteria of 10 CFR 170, that this Technical Specification change request is a Class IV change and the appropriate fee of \$12,300 is attached.

Very truly yours,

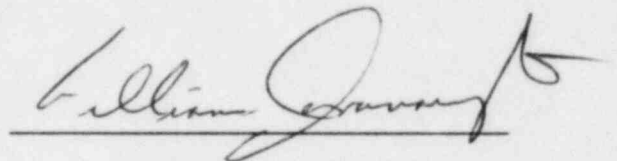
A handwritten signature in cursive script, appearing to read "William Cavanaugh III", with a large, stylized flourish extending to the right.

William Cavanaugh III

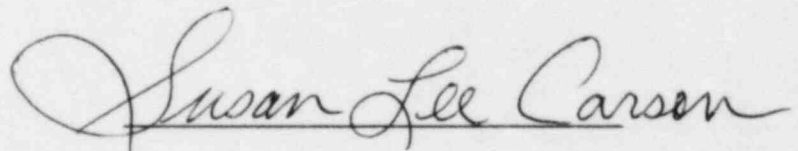
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STATE OF ARKANSAS)
)
COUNTY OF PULASKI) SS

I, William Cavanaugh III, being duly sworn, subscribe to and say that I am Senior Vice President for Arkansas Power & Light Company; that I have full authority to execute this oath; that I have read the document numbered 1CAN118210 and know the contents thereof; and that to the best of my knowledge, information and belief the statements in it are true.


WILLIAM CAVANAUGH III

SUBSCRIBED AND SWORN TO before me, a Notary Public in and for the County and State above named, this 19 day of November, 1982.


Notary Public

My Commission Expires:

My Commission Expires 9-25-84