



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

September 24, 1981

WILLIAM CAVANAUGH, III
Senior Vice President
Energy Supply



1CAN098110

Director of Nuclear Reactor Regulation
ATTN: Mr. J. F. Stolz, Chief
Light Water Reactors Branch #1
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Subject. Arkansas Nuclear One - Unit 1
Docket No. 50-313
License No. DPR-51
Technical Specification Change
Request for Embayment Monitoring
(File: 1151.1)

Gentlemen:

Attached is a Technical Specification change for your review and approval. This change eliminates the environmental monitoring of the embayment of Unit 1 to determine the proper rate of change of discharge temperature.

The monitoring of the embayment was to determine if there was an adverse impact on the aquatic environment associated with plant shutdown during the winter months. Based on data collected over a six year period, a rate of change of $\leq 5^{\circ}\text{F}$ per hour has been determined to be satisfactory. This data has been collected, recorded and reported to the NRC in AP&L's Annual Environmental Monitoring Report. The monitoring is performed during the winter months, and it causes a hardship for the personnel doing the monitoring. Therefore, since the monitoring is no longer necessary, it should be eliminated.

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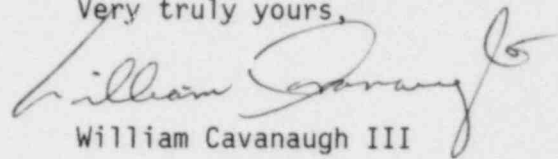
Mr. J. F. Stolz

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September 24, 1981

Pursuant to the requirement of 10 CFR 170.22, we have determined this request to be a Class III amendment as it is a single environmental issue. Accordingly, a check in the amount of \$4,000 is remitted.

Very truly yours,

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

William Cavanaugh III

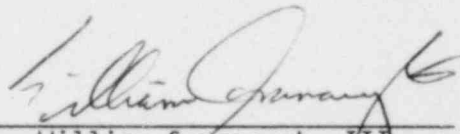
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Attachments

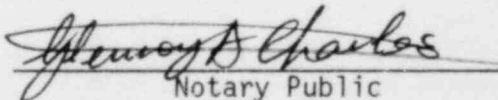
STATE OF ARKANSAS)
)
COUNTY OF PULASKI) SS

I, William Cavanaugh, III, being duly sworn, subscribe to and say that I am Senior Vice President of Energy Supply, for Arkansas Power & Light Company; that I have full authority to execute this oath; that I have read the foregoing document number 1CAN098110 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 25 day of September, 1981.



Notary Public

My Commission Expires:

12-20-82