



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

June 10, 1981

WILLIAM CAVANAUGH, III  
Senior Vice President  
Energy Supply



2CAN068103

Director of Nuclear Reactor Regulation  
ATTN: Mr. Robert A. Clark, Chief  
Operating Reactors Branch #3  
Division of Licensing  
U. S. Nuclear Regulatory Commission  
Washington, D. C. 20555

Subject: Arkansas Nuclear One - Unit 2  
Docket No. 50-368  
License No. NPF-6  
Proposed License Amendment  
Secondary Water Chemistry  
(File: 2-1511.1, 2-3720.1)

Gentlemen:

In review of our September 20, 1979 response to your letter of July 23, 1979 regarding a secondary water chemistry program, we have found our response not to be fully appropriate for Arkansas Nuclear One, Unit 2 (ANO-2) as it does not provide a closure to the issue.

In addition to existing Technical Specifications on steam generator tube leakage and inservice inspection of the steam generators, a proposed licensing condition should adequately assure the integrity of the ANO-2 steam generators in a more practicable manner than the implementation of Technical Specifications 3.7.1.6 and 4.7.1.6. We therefore wish to modify our September 20, 1979 response to include a proposed licensing amendment for the implementation of a secondary water chemistry program.

Attached is the licensing amendment which is submitted for your review and approval.

We request a delay in implementation of this amendment until sixty (60) days after issuance to allow time to properly implement the required water chemistry program.

8106150 345  
P

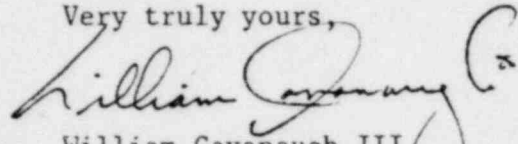
Mr. Robert A. Clark

-2-

June 10, 1981

Pursuant to the requirements of 10 CFR 170.22, we have determined our amendment request to require a Class III fee of \$4,000 as it involves a single safety issue. Accordingly, a check in the amount of \$4,000 is remitted.

Very truly yours,



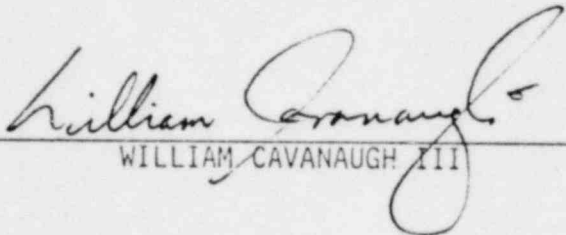
William Cavanaugh III

WC:PMH:sl


*sl*

STATE OF ARKANSAS    )  
                              )  SS  
COUNTY OF PULASKI   )

I, WILLIAM CAVANAUGH III, being duly sworn, subscribe to and say that I am the 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 Letter #2CAN068103 and know the contents thereof; and that to the best of my knowledge, information and belief the statements made 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 11 day of June, 1981.

  
NOTARY PUBLIC

MY COMMISSION EXPIRES:

12 - 20 - 82

## SECONDARY WATER CHEMISTRY MONITORING

A secondary water chemistry monitoring program shall be implemented to inhibit steam generator tube degradation. This program shall include:

1. Identification of a sampling schedule for the critical parameters and control points for these parameters;
2. Identification of the procedures used to measure the values of the critical parameters;
3. Identification of process sampling points;
4. Procedure for the recording and management of data;
5. Procedures defining corrective actions for off control point chemistry conditions; and
6. A procedure identifying the authority responsible for the interpretation of the data, and the sequence and timing of administrative events required to initiate corrective action.