



ARKANSAS POWER & LIGHT COMPANY

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

May 24, 1984

JOHN M. GRIFFIN
Senior Vice President
Energy Supply

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Director of Nuclear Reactor Regulation
ATTN: Mr. J. F. Stoiz, Chief
Operating Reactors Branch #4
Division of Licensing
U. S. Nuclear Regulatory Commission
Washington, DC 20555

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 - Units 1 & 2
Docket Nos. 50-313 and 50-368
License Nos. DPR-51 and NPF-6
Proposed Sealed Sources Leak
Testing Technical Specification

Gentlemen:

Attached is a revision to a previously submitted proposed Technical Specification. These specifications involve leak testing of sealed radioactive sources. This revision was requested by members of your staff to address concerns on the specific sources involved in the change and the maximum time interval between leak tests. As this is an issue still under review, no fee is remitted.

In accordance with 10CFR50.92(c), we have determined the proposed amendment as having no Significant Hazards Consideration (SHC), we are including the basis of our SHC determination as part of this amendment package. Also, a


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copy of this amendment package has been sent to Mr. E. Frank Wilson, Director, Division of Environmental Health Protection, Arkansas State Department of Health. The circumstances of this proposed amendment are neither exigent nor emergency.

Very truly yours,



John M. Griffin

JMG:MS:ac

Attachment

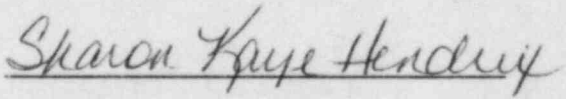
STATE OF ARKANSAS)
)
COUNTY OF PULASKI) SS

I, John M. Griffin, being duly sworn, subscribe to and say that I am Sr. Vice President, Energy Supply, for Arkansas Power & Light Company; that I have full authority to execute this oath; that I have read the document numbered 0CAN058403 and know the contents thereof; and that to the best of my knowledge, information and belief the statements in it are true.



John M. Griffin

SUBSCRIBED AND SWORN TO before me, a Notary Public in and for the County and State above named, this 24th day of May, 1984.



Notary Public

My Commission Expires:

9/19/89

4.14 RADIOACTIVE MATERIALS SOURCES SURVEILLANCE

Applicability

Applies to leakage testing of byproduct, source, and special nuclear radioactive material sources.

Objective

To assure that leakage from byproduct, source, and special nuclear radioactive material sources does not exceed allowable limits.

Specification

Test for leakage and/or contamination shall be performed by the licensee or by other persons specifically authorized by the Commission or an agreement State, as follows:

1. Each sealed source, except startup sources subject to core flux, containing radioactive material, other than Hydrogen 3, with a half-life greater than 30 days and in any form other than gas shall be tested for leakage and/or contamination at intervals not to exceed six months.
2. The periodic leak test required does not apply to sealed sources that are stored and not being used. The sources excepted from this test shall be tested for leakage prior to any use or transfer to another user unless they have been leak tested within six months prior to the date of use or transfer. In the absence of a certificate from a transferrer indicating that a test has been made within six months prior to the transfer, sealed sources shall not be put into use until tested.
3. Each sealed startup source shall be leak tested within 31 days prior to being subjected to core flux and following repair or maintenance to the source.
4. The periodic leak test does not apply to the four area radiation monitor sources located inside the reactor building or the boronometer source. These sources shall be tested for leakage at least once per 18 months.