



ARKANSAS POWER & LIGHT COMPANY

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

July 11, 1984

JOHN M. GRIFFIN
Senior Vice President
Energy Supply

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Director of Nuclear Reactor Regulation
ATTN: Mr. J. F. Stolz, 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
Waste Gas System Hydrogen/Oxygen
Concentration Limits - Proposed
Technical Specifications

Gentlemen:

In your letter dated February 1, 1984 (OCNA028402), you requested a revision of our Technical Specification for the hydrogen/oxygen limits in the waste gas system. In our subsequent letter dated March 28, 1984 (OCAN038411), we stated that Technical Specifications that were satisfactory to AP&L and NRC had not yet been agreed upon but that discussions were continuing. AP&L and the NRC staff have now agreed upon mutually satisfactory Technical Specifications. These Technical Specifications are enclosed. Additionally, upon the incorporation of these Technical Specifications, the waste gas decay tanks will be allowed to operate to their design pressure as discussed in your February 1, 1984 letter. 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) and are including the basis of our SHC determination as part of this amendment package. Also, a

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July 11, 1984

copy of this amendment package has been sent to Mr. E. Frank Wilson, Director, Division of Environmental Health Protection, State Department of Health. The circumstances of this proposed amendment are not exigent or emergency.

Very truly yours,

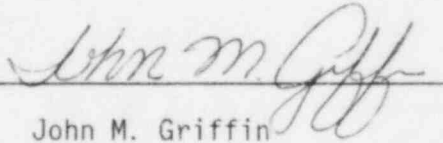


John M. Griffin

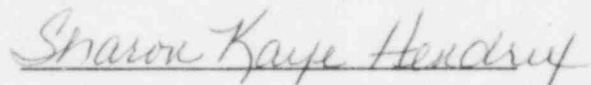
JMG/MCS/ac

STATE OF ARKANSAS)
) SS
COUNTY OF PULASKI)

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 OCAN078404 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 11th day of July, 1984.


Notary Public

My Commission Expires:

9-19-89

SIGNIFICANT HAZARDS CONSIDERATION (SHC) DETERMINATION

As a result of an NRC concern involving the monitoring of the Waste Gas System, AP&L has installed redundant hydrogen/oxygen analyzers. These analyzers will detect the formation of a potentially flammable mixture of hydrogen and oxygen in the Waste Gas System before it becomes hazardous. Additionally, the NRC has requested that we submit Technical Specifications on the Waste Gas System that include the new redundant H₂/O₂ analyzers. Thus, the attached Technical Specifications are proposed in response to this request. The proposed Technical Specifications are more stringent as they are an addition to the present Technical Specifications.

Thus, the proposed amendment request does not involve a SHC because:

- (A) Operation of Arkansas Nuclear One in accordance with this change would not:
 - 1) involve a significant increase in the probability or consequences of an accident previously evaluated; or
 - 2) introduce the possibility of a previously unanalyzed accident; or
 - 3) involve a significant reduction in a margin of safety; and
- (B) The proposed amendment matches the example given below: (ref: DLOP 228, Federal Register, Vol. 48, p. 14870).
 - (ii) A change that constitutes an additional limitation, restriction or control not presently included in the technical specifications: for example, a more stringent surveillance requirement.

Bases

Based on the above, we conclude that this Technical Specification change does not involve a Significant Hazards Consideration.