



ARKANSAS POWER & LIGHT COMPANY

FIRST NATIONAL BUILDING/P.O. BOX 551/LITTLE ROCK, ARKANSAS 72203/(501) 371-7901

February 27, 1984

JOHN M. GRIFFIN
Vice President
Nuclear Operations

1CAN028401

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

SUBJECT: Arkansas Nuclear One - Unit 1
Docket No. 50-313
License No. DPR-51
Pressurization, Heatup, and
Cooldown Limitations Proposed
Technical Specifications

Gentlemen:

ANO-1 Technical Specification section 3.1.2.7 requires that prior to reaching six effective full power years of operation, Figures 3.1.2-1, 3.1.2-2, and 3.1.2-3 be updated in accordance with 10CFR50 Appendix G, Section V.B. AP&L expects ANO-1 to reach this point during the last part of July 1984. Therefore, as required by Technical Specifications, the attached Technical Specifications are submitted for your review at least 90 days prior to reaching six effective full power years.

These Technical Specifications are supported by BAW-1698 "Analysis of Capsule ANI-B from Arkansas Power & Light Company's Arkansas Nuclear One, Unit 1". This report was previously submitted by AP&L letter dated September 8, 1982 (1CAN098203). After this report was developed and submitted 10CFR50 Appendix G was revised. These revisions have been reviewed for any possible affect on BAW-1698 and the ANO-1 proposed Technical Specifications.

As a result of this review it was determined that only the revised section IV.A.2 of Appendix G had the potential of affecting the ANO-1 proposed Technical Specifications. This section refers to the pressure and temperature limits required as a function of the RT_{NDT} of the vessel closure flange regions. The RT_{NDT} of the ANO-1 closure flange regions is 60°F as

8403060199 840227
PDR ADOCK 05000313
P PDR

Rec'd w/check A001
#2-8343 For 111
\$4,000.00

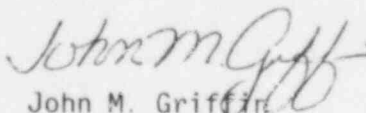
February 27, 1984

discussed in B&W Topical BAW-10046P, "Methods of Compliance with Fracture Toughness and Operational Requirements of 10CFR50, Appendix G." Considering this RT^{NDT}, the proposed pressure and temperature limits meet the requirements of 10CFR50 Appendix G section IV.A.2.

In accordance with 10CFR59.92(c), we have determined the proposed amendment to have no Significant Hazards Consideration (SHC) and are including the basis of our SHC determination as part of this amendment package. Also, a 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; however, it should be noted that approval is required before the end of July.

We have determined this to be a Class III amendment pursuant to 10CFR170.22, thus a check for the fee of \$4,000 is remitted.

Very truly yours,

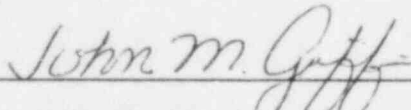

John M. Griffin

JMG:MCS:sc

Attachments


STATE OF ARKANSAS)
)
COUNTY OF PULASKI) SS

I, John M. Griffin, being duly sworn, subscribe to and say that I am Vice President, Nuclear Operations for Arkansas Power & Light Company; that I have full authority to execute this oath; that I have read the document numbered 1CAN028401 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 27th day of February, 1984.



Notary Public

My Commission Expires:

4-1-85