

MS 016

AUG 1 1984

Docket No. 50-368

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Mr. John M. Griffin, Senior Vice President
Energy Supply
Arkansas Power & Light Company
P. O. Box 551
Little Rock, Arkansas 72203

Dear Mr. Griffin:

By letter dated September 27, 1983 you requested an amendment to the ANO-2 Technical Specifications (TS). The proposed amendment, among other things, would revise the TS pertaining to containment hydrogen analyzers. Specifically, the hydrogen analyzers would be calibrated using two standard samples, one with 0% hydrogen and the other with 10% hydrogen under the proposed change. At present, the analyzers are calibrated using two standard samples, one with 0% hydrogen and the other with 4% hydrogen. This change was submitted to account for the increased range of the hydrogen analyzers, which were upgraded to meet the requirements of Item II.F.1 of NUREG-0737.

We have completed our review of your request and conclude that the present calibration requirement, which is in agreement with the applicable section of Standard Technical Specifications (NUREG-0212, Revision 2), is a better requirement than the proposed one based on the fact that the present requirement would afford a more accurate measurement of hydrogen concentration at or around 4% than the proposed one. The hydrogen concentration of 4%, which represents its lower flammability limit, is of particular importance in that the equipment and systems required for the detection and control of hydrogen gas are designed to maintain the hydrogen concentration within containment below 4% during post-LOCA conditions.

Accordingly, we will deny your request unless you provide us with additional information supporting the proposed change within 30 days from your receipt of this letter.

The reporting and/or recordkeeping requirements contained in this letter affect fewer than ten respondents; therefore, OMB clearance is not required under P.L. 96-511.

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Mr. John M. Griffin

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Please contact your Project Manager, R. Lee, if you have questions concerning this request.

Sincerely,

Original signed by:

James R. Miller, Chief
Operating Reactors Branch #3
Division of Licensing

cc: See next page

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