

April 10, 1986

Docket No. 50-313

DCR
016

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

Dear Mr. Griffin:

Section 10 CFR 50.55a(g) of the Commission's regulations requires ASME Code Class 1, 2 and 3 components (including supports) of a boiling or pressurized water-cooled nuclear power facility to meet the requirements set forth in Section XI, Rules for Inservice Inspection of Nuclear Power Plant Components, of the ASME Boiler and Pressure Vessel Code. Each facility is required to have an inspection program plan which is updated every ten years to meet the requirements of the latest approved edition and addenda of Section XI. This program plan is submitted to the NRC for review of the licensee's compliance with the regulation which entails verifying that the program plan is based on the correct Code edition and addenda, verifying that the correct systems, sampling plans, and non-destructive examination methods have been incorporated, and evaluating the efficacy of proposed alternative examinations and tests to be performed in lieu of the requirements.

We have reviewed your first ten-year interval inservice inspection program for Arkansas Nuclear One, Unit 1 (ANO-1), and have granted relief from certain requirements of the applicable ASME Code and addenda by letter dated April 18, 1983. By letters dated November 12, 1982, November 19, 1984, December 19, 1984, January 31, 1985, and June 24, 1985, you provided additional information and requests for relief from certain Code inspection requirements in the 1974 Edition of Section XI of the ASME Boiler and Pressure Vessel Code with Addenda through Summer 1975 determined to be impractical. These requests were reviewed and evaluated with technical assistance from Science Applications International Corporation (SAIC). We have reviewed the Technical Evaluation Report (TER) prepared by SAIC on requests for relief from those examination requirements determined to be impractical to perform at ANO-1. We have enclosed our Safety Evaluation (SE) on the conclusions and recommendations by SAIC based on your requests, supporting information and proposed alternative examinations or tests. The TER is enclosed as an attachment to our Safety Evaluation. The SE sets forth our findings with respect to our approval of the requests for relief.

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PDR ADOCK 05000313
P PDR

We have determined that the examinations for which relief has been requested and approved are impractical, the alternate methods to be performed will provide adequate assurance of the piping and component pressure boundary and support structural integrity and pursuant to 10 CFR Part 50.55a(g)(6)(i), that the granting of relief is authorized by law and will not endanger life or property or the common defense and security and is otherwise in the public interest. In making this determination, we have given due consideration to the burden that could result if these requirements were imposed on your facility.

Accordingly, relief from certain provisions of the applicable ASME Code and addenda is hereby granted, as described in the enclosed Safety Evaluation, for the ten-year interval, December 19, 1974, to December 19, 1984.

Sincerely,

***ORIGINAL SIGNED BY
JOHN F. STOLZ***

John F. Stolz, Director
PWR Project Directorate #6
Division of PWR Licensing-B

Enclosure:
Safety Evaluation

cc w/enclosure:
See next page

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We have determined that the examinations for which relief has been requested and approved are impractical, the alternate methods to be performed will provide adequate assurance of the piping and component pressure boundary and support structural integrity and pursuant to 10 CFR Part 50.55a(g)(6)(i), that the granting of relief is authorized by law and will not endanger life or property or the common defense and security and is otherwise in the public interest. In making this determination, we have given due consideration to the burden that could result if these requirements were imposed on your facility.

We, therefore, have determined that granting of relief by this letter is acceptable for the ten-year interval, December 19, 1974 to December 19, 1984.

Sincerely,

John F. Stolz, Director
PWR Project Directorate #6
Division of PWR Licensing-B

Enclosure:
Safety Evaluation

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See next page

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2/ /86

No legal objection
McGurran

Mr. J. M. Griffin
Arkansas Power & Light Company

Arkansas Nuclear One, Unit 1

cc:

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Mr. Frank Wilson, Director
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Honorable Ermil Grant
Acting County Judge of Pope County
Pope County Courthouse
Russellville, Arkansas 72801