

UNITED STATES
ATOMIC ENERGY COMMISSION
DIVISION OF COMPLIANCE
REGION II - SUITE 818
230 PEACHTREE STREET, NORTHWEST
ATLANTA, GEORGIA 30303

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G. B. Henderson, CO:HQ

In Reply Refer To:
CO:II:VLB
50-313/72-1 ✓
50-368/72-1

March 1, 1972

Arkansas Power and Light Company
Attn: Mr. J. D. Phillips
Vice President and Chief Engineer
Sixth and Pine Streets
Pine Bluff, Arkansas 71601

Gentlemen:

This refers to the inspection conducted by Messrs. Brownlee and Vallish on January 25-27, 1972, of activities authorized by AEC Construction Permit No. CFFR-57 for the Arkansas Nuclear One, Unit 1 facility and of your quality assurance program for work to be performed under an exemption from the requirements of 10 CFR 50.10 for the Arkansas Nuclear One, Unit 2 facility. Our findings were discussed by Mr. Brownlee with Messrs. Moore, Bland, and Bean of your staff, and Messrs. Sly, Loth, and Zampieri of Bechtel Engineering Corporation at the conclusion of the inspection.

Areas examined during the inspection included installation of electrical and instrumentation components and cable, the program for primary loop erection, and installation of the post-tension system, high pressure injection pumps, decay heat cooler, control rod drive mechanism for Unit 1, and construction activities authorized by the construction permit exemption for Unit 2. Within these areas, the inspection consisted of selective examinations of procedures and representative records, interviews with site personnel, and observations by the inspectors.

Within the scope of this inspection, there were no items of noncompliance identified.

The inspectors examined the unresolved items identified in our letter of January 28, 1972, relating to separation of safety channel equipment and the primary coolant pump hydrostatic seal and bearing modification and subsequent performance testing. Compliance has no further questions regarding these items. Examination of the NDT results of the pressurizer top end remains open and will be included in the scope of future inspections.

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Arkansas Power and
Light Company

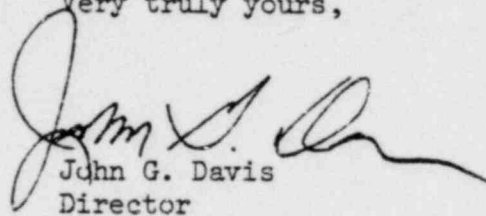
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March 1, 1972

One additional item remained unresolved at the conclusion of this inspection. As discussed with members of your staff, it is our understanding that you will have an engineering evaluation and stress analysis made of the main steam relief valve mounting, riser and header design to include dynamic reactions. This item will be examined further during subsequent inspections.

A reply to this letter is not necessary; however, should you have any questions concerning this letter, you may communicate directly with this office.

Very truly yours,



John G. Davis
Director

DIVISION OF COMPLIANCE
MONTHLY REPORT FOR FEBRUARY 1972

Arkansas Power & Light Company (Arkansas Nuclear One,
Units 1, 2) - An inspection was conducted on January 25-27
to examine the primary coolant loop erection, and electrical
systems installation. There were no deficiencies identified
during the inspection.

50-313/368