

UNITED STATES
ATOMIC ENERGY COMMISSION
~~XXXXXXXXXXXX XXXXXXXXXXXX~~

REGION II - SUITE 818
230 PEACHTREE STREET, NORTHWEST
ATLANTA, GEORGIA 30303

TELEPHONE: 14041 526-4503

DIRECTORATE OF REGULATORY OPERATIONS

In Reply Refer To:
RC:II:VLB
50-313/72-8
50-368/72-6

October 26, 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, Swan and Beratan on August 29-31, 1972, of activities authorized by AEC Construction Permit No. CPPR-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, Beam and Quattlebaum of your staff, and Messrs. Loth and Sly of Bechtel Engineering Corporation (Bechtel) at the conclusion of the inspection.

Areas examined during the inspection included AP&L/Bechtel's evaluation and documentation of the possibility of damage to the containment structure as a result of tendon jack failure during stressing operations; the AP&L quality surveillance program; modification of the reactor vessel and vessel internals, and control rod drive housings; post-tension system installation, concrete operations; piping systems radiographs; battery room ventilation exhaust ducts; weld material control; and drawing control. Within these areas, the inspection consisted of selective examinations of procedures and representative records, interviews with site personnel, and observations by the inspectors.

During the inspection, it was found that certain of your activities appeared to be in noncompliance with AEC requirements. The items and references to pertinent requirements are listed in the enclosure to this letter. Since findings of the inspection indicated that the

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identified noncompliance items were isolated cases and immediate corrective action was implemented, a reply to this letter is not required.

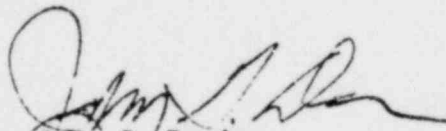
We have examined the actions you have taken with regard to the AP&L quality surveillance program items of noncompliance, Criterion XVIII, "Audits," identified in our letter of July 27, 1972, and have no further questions regarding these items.

We have also examined the actions you have taken regarding the unresolved item pertaining to the battery room ventilation exhaust ducts, identified in our letter of July 27, 1972, and have no further questions regarding this item.

At the conclusion of the inspection, one item remained unresolved. It is our understanding that you will continue your evaluation of the possibility of damage to the containment structure as a result of the stressing jack failures during stressing operations.

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

Very truly yours,



John G. Davis
Director

Enclosure:
Description of Items
of Noncompliance

ENCLOSURE

DOCKET NOS. 50-313

50-368

Certain items appear to be in noncompliance with 10 CFR Part 50, Appendix B, "Quality Assurance Criteria for Nuclear Power Plants," as indicated below:

1. Document Control

Criterion VI states, in part, "Measures shall be established to control the issuance of documents, such as instructions, procedures, and drawings, including changes thereto, which prescribe all activities affecting quality. These measures shall assure that documents, including changes, are reviewed for adequacy and approved for release by authorized personnel and are distributed to and used at the location where the prescribed activity is performed. . . ."

Contrary to the above, the inspection revealed that implementation of Bechtel's Field Inspection Procedure G-2, "Design Document Control," has not provided assurance that only drawings of the latest revision are at the worksite. The inspection revealed that one foreman's desk contained several documents that are not considered field documents and a small quantity of old drawings not properly voided. Immediate search and recovery corrective action was implemented and it was verified that this item was indeed an isolated case. The licensee and contractor assured the inspector that frequency of auditing in this area will be increased to assure adequacy of control.


2. Control of Special Processes

Criterion IX states, in part, "Measures shall be established to assure that special processes, including welding . . . are controlled and accomplished by qualified personnel using qualified procedures in accordance with applicable codes, standards, specifications, criteria, and other special requirements.

Contrary to the above, the inspection revealed that implementation of Bechtel's welding standard procedure specification, "Welding Filler Material Control," has failed to assure control of weld material in the field. Three small quantities of welding material were located within gang boxes or foreman's shacks. Immediate search and recovery corrective action was implemented and it was verified that this was indeed an isolated case. The licensee and contractor assured the inspector that frequency of auditing in this area will be increased to assure adequacy of control.

Ltr to Arkansas Power and Light Company
dtd 10/26/72

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