

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

TELEPHONE: (404) 526-4503

J. B. Henderson, Co: HQ

In Reply Refer To:
CO:II:V73
50-313/71-6
50-368/71-7

January 24, 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 Vallish on December 6-10, 1971, of the 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, and to the discussion of our findings held by Mr. Brownlee with Messrs. Moore, Bland, and Bean of your staff and Messrs. Loth, Zampieri, and Mejia of Bechtel Engineering Corporation (Bechtel) at the conclusion of the inspection.

Areas examined during the inspection included Unit 1 electrical systems, reactor vessel, steam generators, pressurizer, reactor vessel internals, primary coolant pumps, containment post-tension system, primary coolant loop and auxiliary piping systems erection, and construction activities authorized by the construction permit exemption for Unit 2. Within these areas, the inspection consisted of selective examination of procedures and representative records, interviews with site personnel, and observations by the inspectors.

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

During the inspection, our inspectors observed undesirable bending of the tendon wires while the stressing washer was being advanced on the tendon assembly for buttonheading. Since this may relate to the design of the stressing washers, the item has been referred to the Division of Compliance, Headquarters, for further evaluation. You will be informed of the results of this evaluation when completed.

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Arkansas Power and
Light Company

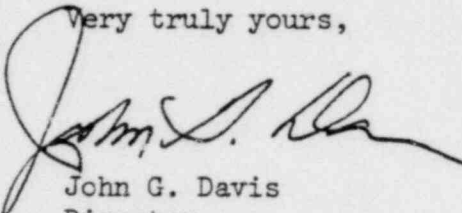
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January 24, 1972

As discussed with representatives of your staff, the inspectors observed isolated cases of lack of uniformity of weld transitions between piping and valves or fittings and in the amount of weld reinforcement buildup on joint welds. It is our understanding that Arkansas Power and Light Company will evaluate the condition and take corrective action where indicated. The item will be examined further on 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

COMPLIANCE MONTHLY REPORT
FOR DECEMBER 1971

50 - 313
50 - 368

POOR ORIGINAL

Arkansas Power & Light Company (Arkansas Nuclear One, Units 1 & 2) - An inspection was conducted on December 6-10. Inspection efforts included Class I piping, electrical, instrumentation and control systems installation, reactor vessel and steam generator setting. Inspection efforts also included the tendon

installation, reactor vessel internals, pressurizer and primary coolant pump installations. No items of nonconformance were identified.

Inspection