

UNITED STATES
ATOMIC ENERGY COMMISSION
DIRECTORATE OF REGULATORY OPERATIONS
REGION II - SUITE 818
230 PEACHTREE STREET, NORTHWEST
ATLANTA, GEORGIA 30303

TELEPHONE: (404) 528-4503

JAN 30 1974

In Reply Refer To:
RO:II:MSK
50-313/74-1

Arkansas Power and Light Company
ATTN: Mr. J. D. Phillips
Senior Vice President
Sixth and Pine Streets
Pine Bluff, Arkansas 71601

Gentlemen:

This refers to the inspection conducted by Mr. M. S. Kidd of this office on January 15-18, 1974, of activities authorized by AEC Construction Permit No. CPPR-57 for the Arkansas Nuclear One, Unit 1 facility, and to the discussion of our findings held by Mr. Kidd with Mr. J. W. Anderson at the conclusion of the inspection.

Areas examined during the inspection and our findings are discussed in the enclosed inspection report. Within these areas, the inspection consisted of selective examination of procedures and representative records, interviews with personnel, and observations by the inspector.

Within the scope of this inspection, no violations were disclosed.

We have examined actions you have taken with regard to previously reported unresolved items. These are identified in Section IV of the summary of the enclosed report.

Regarding the recorders and meters used to display outputs from plant radiation monitoring instruments, it is our understanding that readings from these instruments will be recorded hourly.

Regarding the development of procedures needed for operation as defined in AEC Safety Guide 33, we are concerned that the development does not appear commensurate with your estimated fuel loading date. As discussed in paragraph 4 of the Details section of the enclosed report, numerous procedures have not been written. Specifically, development of alarm procedures, chemical and radiation control procedures, and operational test procedures represents a major effort. In addition, our concerns regarding the initial core loading procedure, general plant operating procedures and emergency operating procedures must be resolved prior to licensing of Unit 1. The approved

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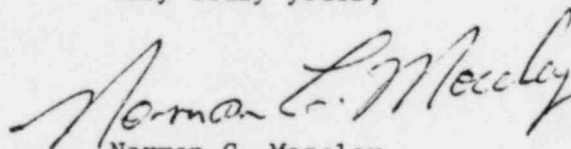
zero power physics and power ascension test procedures must also be provided for our review at least 30 days prior to your estimated fuel loading date, such that we can determine their adequacy before implementation.

One new unresolved item resulted from this inspection and is identified in Section III of the summary of the enclosed report. This item will be examined on subsequent inspections.

In accordance with Section 2.790 of the AEC's "Rules of Practice," Part 2, Title 10, Code of Federal Regulations, a copy of this letter and the enclosed inspection report will be placed in the AEC's Public Document Room. If this report contains any information that you believe to be proprietary, it is necessary that you submit a written application to this office requesting that such information be withheld from public disclosure. If no proprietary information is identified, a written statement to that effect should be submitted. If an application is submitted, it must fully identify the bases for which information is claimed to be proprietary. The application should be prepared so that information sought to be withheld is incorporated in a separate paper and referenced in the application since the application will be placed in the Public Document Room. Your application, or written statement, should be submitted to us within 20 days. If we are not contacted as specified, the enclosed report and this letter may then be placed in the Public Document Room.

Should you have any questions concerning this letter, we will be glad to discuss them with you.

Very truly yours,



Norman C. Moseley
Director

Enclosure:
RO Inspection Report No.
50-313/74-1

Arkansas Power and Light Company
ANO-1

JAN 30 1974

RO Inspection Report No. 50-313/74-1

cc w/encl:

H. D. Thornburg, RO

RO:HQ (5)

DR Central Files

Regulatory Standards (3)

Directorate of Licensing (13)

cc encl. only:

*PDR

*Local PDR

*NSIC

*DTIE, OR

*State

*To be dispatched at a later date