



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
REGION IV  
611 RYAN PLAZA DRIVE, SUITE 1000  
ARLINGTON, TEXAS 76011

DOR: HC

Q

August 25, 1978

Docket No. 50-368

Arkansas Power and Light Company  
ATTN: Mr. William Cavanaugh III  
Executive Director of Generation  
and Construction  
Post Office Box 551  
Little Rock, Arkansas 72203

Gentlemen:

This refers to the inspection conducted by Blaine Murray of this office during August 14-18, 1978, of activities authorized by Construction Permit No. CPPR-89/NRC Operating License NPF-6 and to the discussion of the inspection findings held by Mr. Murray with Mr. G. H. Miller and other members of your staff at the conclusion of the inspection on August 18, 1978.

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 items of noncompliance were disclosed.

In accordance with Section 2.790 of the NRC'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 NRC's Public Document Room. If this report contains any information that you believe to be proprietary, it is necessary that you make a written application within 20 days to this office to withhold such information from public disclosure. Any such application must include a full statement of the reasons on the basis of which it is claimed that the information is proprietary, and should be prepared so that proprietary information identified in the application is contained in a separate part of the document. If we do not hear from you in this regard within the specified period, the report will be placed in the Public Document Room.

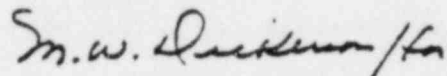
7810180206

Arkansas Power and Light Company -2-

August 25, 1978

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

Sincerely,



G. L. Madsen, Chief  
Reactor Operations and  
Nuclear Support Branch

Enclosure:  
IE Inspection Report No. 50-368/78-22

U. S. NUCLEAR REGULATORY COMMISSION  
OFFICE OF INSPECTION AND ENFORCEMENT  
REGION IV

Report No. 50-368/78-22 Docket No. 50-368  
Licensee: Arkansas Power & Light Company (AP&L) Construction Permit  
Sixth and Pine Streets No. CPPR-89  
Pine Bluff, Arkansas 71601  
Facility: Arkansas Nuclear One, Unit 2 (ANO-2) NRC Operating  
License NPF-6  
Location: Russellville, Arkansas  
Inspection Conducted: August 14-18, 1978

Inspector: Blaine Murray 8/24/78  
Blaine Murray, Radiation Specialist Date

Approved by: Glen D. Brown 8/24/78  
Glen D. Brown, Chief, Fuel Facility and Date  
Material Safety Branch

Inspection Summary

Inspection on August 14-18, 1978 (Report No. 50-368/78-22)

Areas Inspected: Follow-up inspection of licensee's programs including First Aid facilities; Health Physics instruments and equipment; Health Physics procedures; calibration of area and process monitors; iodine efficiency tests for charcoal adsorbers; radiochemistry procedures; training for the Health Physics staff; and environmental protection. The inspection involved eight on site hours by one NRC inspector.

Results: No items of noncompliance or deviations were identified. Several open items need to be completed before initial criticality. See paragraphs 5, 6.a., and 6.b.

DETAILS

1. Persons Contacted (AP&L)

J. L. Bates, Radiochemistry Supervisor  
\*R. G. Carrol, Health Physics Supervisor  
E. C. Ewing, Production Startup Supervisor  
\*C. A. Halbert, Technical Support Engineer  
J. Lowman, Assistant I&C Supervisor  
\*G. H. Miller, Plant Manager  
T. W. Ott, Startup Engineer  
D. Trimble, Training Coordinator  
\*L. Alexander, QA Engineer  
\*C. S. Petzel, Licensing  
D. L. Swindle, Technical Analysis Manager  
T. C. Baker, Chemistry Supervisor

\*Attended Exit Interview.

2. Scope of Inspection

The purpose of this inspection was to perform a follow-up review of the status of the licensee's emergency planning, radiation protection, radioactive waste systems, and analytical measurements. This report is a follow-up of activities reported in IE Inspection Reports 50-368/77-14, 50-368/77-28, 50-368/78-11, 50-368/78-17 and 50-368/78-18.

3. Emergency Planning

The ANO First Aid room has been stocked and equipped.

This item is considered closed. No open items remain in the Emergency Planning program.

4. Health Physics Procedures

Procedure 1303.92, "Calibration of Environmental TLD's" has been approved. This item is considered closed. No open items remain in the area of Health Physics procedures.

5. Health Physics Instruments and Equipment

The inspector examined the licensee's instrumentation and equipment to determine consistency with commitments in Section 12.3.2 of the FSAR.