

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

REGION IV

NRC Inspection Report: 50-313/82-26  
50-368/82-23

Licenses: DPR-51  
NPF-6

Dockets: 50-313  
50-368

Licensee: Arkansas Power and Light Company  
P. O. Box 551  
Little Rock, Arkansas 72203

Facility Name: Arkansas Nuclear One, Units 1 and 2

Inspection At: ANO Site, Russellville, Arkansas

Inspection Conducted: August 3-5, 1982

Inspectors: D. M. Hunnicutt 8/26/82  
D. M. Hunnicutt, Chief, Engineering Section Date

for D. M. Hunnicutt 8/26/82  
R. P. Mullikin, Reactor Inspector, Engineering Section Date

K. A. Whittlesey 8/26/82  
K. A. Whittlesey, Reactor Inspector, Engineering Section Date

Approved: D. M. Hunnicutt 8/26/82  
D. M. Hunnicutt, Chief, Engineering Section Date

Inspection Summary:

Inspection conducted during period of August 3-5, 1982 (Report 50-313/82-26)

Areas Inspected: Special, unannounced inspection to verify that early warning system radios had been distributed by Arkansas Power and Light Company (AP&L) to eligible residents who live outside an area covered by a warning siren and within the 10-mile Emergency Planning Zone (EPZ) radius of the Arkansas Nuclear One (ANO) site. The inspection involved 10 inspector-hours offsite by three NRC inspectors.

Results: Within the area inspected, no violations or deviations were identified.

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DETAILS

1. Persons Contacted

Principal Licensee Employees

Ernie Deaton, District Manager, AP&L  
Dennis Boyd, Emergency Planning Coordinator, ANC Site  
\*James Levine, General Manager, ANO Site

Members of the General Public Located Within a 10-Mile Radius of ANO Site

Thirty-four residences were contacted during the offsite verification. An additional 14 residences were checked and no one was found at home.

\*Denotes presence at the exit interview conducted on August 5, 1982.

2. Verification of Licensee Distribution of Early Warning System Radios

The purpose of this inspection was to verify whether the licensee (AP&L) had completed the agreements reached between Mr. William Cavanaugh III, Senior Vice President, Energy Supply, and Mr. John T. Collins, Regional Administrator, Region IV, in a telephone conversation and confirmed by a letter on July 30, 1982.

The NRC inspector met with Messrs. Deaton and Boyd and discussed the field team briefings and method of assignment of AP&L field teams prior to the start of the field teams' door-to-door canvass of all residences/businesses/organizations within the 10-mile EPZ (outside of areas covered by the fixed sirens) to provide early warning system (EWS) radios to individuals who had not previously received an EWS receiver. According to Mr. Deaton, each of the 25 teams consisted of 2 persons. Area maps were marked and numbered, and one map and its designated area assigned to each team. Two persons were identified on each map in the upper right hand side by name and company number, the truck number was recorded below the two team members' names and numbers. After each two-person team completed their respective assignments, the two persons signed their names on the map; recorded the number of residences that EWS radios were distributed to; returned a signed and dated "agreement for free early warning radio" form to account for radios actually distributed. Where no one was at a residence, a plastic bag containing an EWS radio; an agreement form; a special information form; an ANO emergency instructions for Pope, Yell, Logan, and Johnson Counties; and a refusal form was left at the residence. A total of six residences refused to accept a free EWS radio. However, each of the six signed an "acknowledgment of offer for free EWS radio" form. Mr. Deaton stated that each of the 25 two-person teams reported completion of their assignments on July 31, 1982.

Mr. Deaton stated that the weather was good and the roads were dry on July 31. He said that the two-person teams could cover all the dirt backroads in an overall attempt to locate all residences within the stated 10-mile EPZ. Mr. Deaton also stated that as two-person teams completed their assignments, these teams were directed to help other two-person teams. According to Mr. Deaton and the signed maps, the 25 two-person teams completed the entire assignment on July 31, 1982.

3. NRC Verification of Field Distribution by Random Field Checks

The NRC inspectors selected random locations from an area map supplied by AP&L to make verifications on whether or not AP&L had essentially completed the EWS tone alert radio distribution as committed to on July 30, 1982. On August 3 and 4, the NRC inspectors made actual door-to-door contacts and asked residents if they had received an EWS tone alert radio from AP&L. The NRC inspectors knocked on 48 doors of residences that were within or almost within the specified 10-mile EPZ as indicated by the AP&L supplied map. The results of the NRC verification are listed below:

Resident at Home  
Previously had  
Received an EWS  
Tone Alert Radio

14

Resident at Home  
Received an EWS  
Tone Alert Radio  
on July 31, 1982

13

Resident NOT  
at Home - Status  
of EWS Tone Alert  
Radio Unknown

14

\*Resident at Home  
had NOT Received  
an EWS Tone Alert  
Radio

3

Resident at Home  
Could Hear Siren

4

\*It was difficult for the NRC field teams to definitely identify the three residences as being in the 10-mile EPZ. The names, addresses, and telephone numbers were given to AP&L for verifying and distributing an EWS radio to them if they were eligible.

4. Exit Interview

An exit interview was held with Mr. J. M. Levine, General Manager, ANO site on August 5, 1982. The scope and findings of the door-to-door verification were discussed during the exit meeting. Mr. Levine acknowledged the findings.