

MAR 4 1988

In Reply Refer To:  
Dockets: 50-313/87-31  
50-368/87-31

*Document Contains*  
SAFEGUARDS INFORMATION

Arkansas Power & Light Company  
ATTN: Mr. Gene Campbell  
Vice President, Nuclear  
Operations  
P.O. Box 551  
Little Rock, Arkansas 72203

Gentlemen:

Thank you for your letter of February 1, 1988, informing NRC of your implementation schedule to modify the perimeter security system using a design basis study to determine a comprehensive perimeter security system. This response supplements your response of December 21, 1987, to our letter and Notice of Violation dated November 19, 1987. We have reviewed your implementation schedule and have no questions at this time. We will review the proposed modifications to your perimeter security system during a future inspection to determine that the implementation schedule is being achieved and will be maintained. Until the perimeter security system is upgraded, we will expect effective compensatory measures to be utilized as required.

Sincerely,

*Original Signed By:*

L. J. CALLAN

L. J. Callan, Director  
Division of Reactor Projects

cc:  
Arkansas Nuclear One  
ATTN: J. M. Levine, Director  
Site Nuclear Operations  
P.O. Box 608  
Russellville, Arkansas 72801

Arkansas Radiation Control Program Director

bcc: (see next page)

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RACallan/jt  
3/1/88

C:RPSB  
RJEverett  
3/1/88

C:RPSB  
LAYander  
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C:DRP  
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LJCallan  
3/3/88

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IF-04

bcc w/copy of licensee's response w/safeguards:

RIV Security File  
P. A. Starcher, RSGB/NRR  
Resident Inspector  
R. D. Martin, RA  
R. L. Bangart, DRSS  
Security Inspector  
RPSB Security File

bcc w/copy of licensee's response w/o safeguards:

✓ DMB IE-04  
DRP  
Lisa Shea, RM/ALF  
Section Chief, DRP/A  
RIV File  
MIS  
RSTS Operator  
RPSB  
DRS  
R. E. Hall, DRSS  
Project Engineer, DRP/A  
G. Dick, NRR Project Inspector

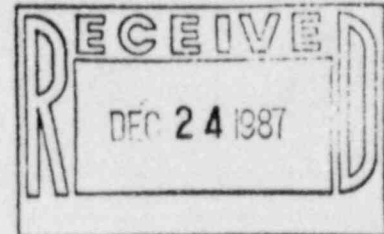
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ARKANSAS POWER & LIGHT COMPANY

December 21, 1987



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L. J. Callan, Director  
Division of Reactor Projects  
U. S. Nuclear Regulatory Commission  
Region IV  
611 Ryan Plaza Drive, Suite 1000  
Arlington, Texas 76011

SUBJECT: Arkansas Nuclear One - Units 1 and 2  
Docket Nos. 50-313/50-368  
License No. 2PR-51 and NPF-6  
Response to Inspection Report  
50-313/37-31 and 50-368/87-31

Dear Mr. Callan:

Pursuant to the provisions of 10CFR2.201, a response to the violations identified in the subject inspection report is submitted.

The attached material contains Safeguards Information as defined by 10CFR73.21 and should be handled appropriately.

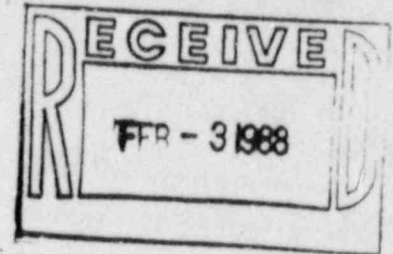
Sincerely,

J. M. Levine  
Executive Director,  
ANO Site Operations

JML:JDJ:djm  
enclosure - Safeguards Information

SAFEGUARDS  
INFORMATION

ENCLOSURE CONTAINS  
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ARKANSAS POWER & LIGHT COMPANY

February 1, 1988

ØCANØ288Ø1

L. J. Callan, Director  
Division of Reactor Projects  
U. S. Nuclear Regulatory Commission  
Region IV  
611 Ryan Plaza Drive, Suite 1000  
Arlington, TX 76011

SUBJECT: Arkansas Nuclear One - Units 1 and 2  
Docket Nos. 50-313/50-368  
License No. DPR-51 and NPF-6  
Followup to Response to  
Inspection Report 50-313/87-31; 50-368/87-31

Dear Mr. Callan:

During the inspection conducted by Mr. R. A. Caldwell of your office during the period September 21 - 25, 1987 (Inspection Report 50-313/87-31; 50-368/87-31), a violation was identified concerning a deficiency in the E-field perimeter alarm system.

In response to this violation, Arkansas Power and Light stated that a proposed modification was being tested and would be installed on the majority of the E-field if determined to be satisfactory. This modification did prove adequate and has been installed where applicable.

However, certain sections of the E-field perimeter alarm system did not lend themselves to this particular modification. Arkansas Power and Light initially proposed evaluating these sections on a case-by-case basis and submitting to the NRC a schedule for the completion of modifications to these sections. However, it has been recognized that the approach to resolving deficiencies with the perimeter security system has historically been on a case-by-case basis, dealing only with the specific problem that has been identified. Therefore, rather than simply devising a fix for the immediate problem with the E-field perimeter alarm system, Arkansas Power and Light has chosen to take a more comprehensive approach to the entire perimeter security system, which includes the intrusion detection system (E-field and microwave), the surveillance equipment, and the physical barrier associated with the perimeter. The objective of this Perimeter Security System Improvement Project is improvement of the system using a programmatic approach instead of a problem-oriented approach.

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MEMBER MIDDLE SOUTH UTILITIES SYSTEM

February 1, 1988

Page 2

The first step towards accomplishing this objective will be the development of a design basis for this portion of the security program. This proposed document will contain a compilation of the design criteria to be used for the E-field, microwave, cameras, fence and certain special areas. These special areas include loading docks, major personnel entrances into the plant, and vehicular entrance points. It will also include major design criteria on support systems for the above, for example, power distribution systems and lighting levels in the isolation zone. To aid in the development of this basis, past inspection reports and reviews of other utility programs will be used as well as internal and external security experts.

Upon approval of the design basis, the next step will be to conduct a review of the perimeter security system. The existing systems will be compared to the new design basis and deviations identified, grouped, and prioritized. The resolution may include modifications and/or revision to the industrial security plan. At this stage past problems will be factored in and resolved, including the existing deficiency in the E-field perimeter alarm system.

After this review an action plan to accomplish the necessary modifications will be developed. Resolutions will be accomplished in a timely manner consistent with their individual significance and complexity.

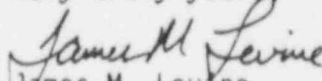
The following schedule has been developed for implementing this project:

Design Basis Document (Draft)	February 15, 1988
Approval of Design Basis	March 7, 1988
System Review	March 31, 1988
Action Plan Developed	April 18, 1988
Approval of Action Plan	June 2, 1988

The action plan and implementation schedule will be provided for your information by June 17, 1988.

Until the E-field perimeter alarm system deficiency is corrected for the entire system, sections that are deficient will remain posted.

Very truly yours

  
James M. Levine  
Executive Director  
ANO Site Operations

DRH:JDJ:djm

cc: AP&L Prompt Distribution

U. S. Nuclear Regulatory Commission  
Document Control Desk  
Washington, DC 20555