

NOV 13 1989

In Reply Refer To:
Dockets: 50-313/89-35
50-368/89-35
EA No. 89-220

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

Gentlemen:

This refers to the team inspection conducted by Messrs. W. F. Smith, J. E. Bess, and R. A. Kendall of this office during the period September 18-22, 1989, of activities authorized by NRC Operating Licenses DPR-51 and NPF-6 for Arkansas Nuclear One, Units 1 and 2, respectively, and to the discussion of our findings with Mr. N. S. Carns and other members of your staff at the conclusion of the inspection.

The purpose of this inspection was to obtain an indepth understanding of the extent and safety significance of wiring discrepancies identified by an NRC Diagnostic Evaluation Team during their evaluation of your facility between August 18 and September 15, 1989. Arkansas Power & Light's (AP&L) corrective actions for these discrepancies were also examined during this inspection. The inspection consisted of selective examination of procedures and representative records, interviews with personnel, and observations by the NRC inspectors. The inspection findings are documented in the enclosed inspection report.

During this inspection, it was found that certain AP&L activities appeared to be in violation of NRC requirements which resulted in consequences of potential safety significance. As discussed in our telephone conversation of November 6, 1989, with your staff, we have scheduled an enforcement conference in your office in Little Rock, Arkansas, on November 30, 1989. During this conference, you will be given an opportunity to discuss your understanding of these apparent violations and to explain the circumstances surrounding the apparent failure to maintain the design configuration of safety-related electrical circuits.

We are particularly interested in the electrical contacts found in the controls for Service Water Pumps P4A and P4C, which appeared to render two of the three service water pumps inoperable under certain conditions since initial startup. In addition, as discussed with Mr. N. S. Carns of your staff, during this enforcement conference you should be prepared to discuss five Licensee Event Reports (LERs) documented in paragraph 3.d of NRC Inspection Report 50-313/89-22; 50-368/89-22. These LERs appear to be further examples of failure to maintain plant or design configuration in the past.

*RIV:DRP/D
JEBess
/ /89

*NRR/EAB
RAKendall
/ /89

*RIV:DRP/A
WFSmith
/ /89

*C:DRP/A
DDChamberlain
/ /89

*EO
GSanborn
/ /89

D:DRP/A
SJC
11/10/89

*previously concurred

8911200268 891113
PDR ADDOCK 05000313
Q PDC

IED
11

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

Sincerely,

Original Signed By:
Samuel J. Collins

Samuel J. Collins, Director
Division of Reactor Projects

Enclosures:

1. Appendix A - NRC Inspection Report
50-313/89-35; 50-368/89-35
2. Appendix B - Description of Service
Water Pump Configuration and Pump
Breaker Anti-Pump Circuit

cc w/enclosures:

Arkansas Nuclear One
ATTN: Early Ewing, General Manager
Technical Support and Assessment
P.O. Box 608
Russellville, Arkansas 72801

Arkansas Nuclear One
ATTN: Niel Carns, Director
Nuclear Operations
P.O. Box 608
Russellville, Arkansas 72801

Combustion Engineering, Inc.
ATTN: Charles B. Brinkman, Manager
Washington Nuclear Operations
12300 Twinbrook Parkway, Suite 330
Rockville, Maryland 20852

Honorable Joe W. Phillips
County Judge of Pope County
Pope County Courthouse
Russellville, Arkansas 72801

Bishop, Cook, Purcell & Reynolds
ATTN: Nicholas S. Reynolds, Esq.
1400 L Street, N.W.
Washington, D.C. 20005-3502

U.S. Nuclear Regulatory Commission
ATTN: Regional Administrator, Region IV
611 Ryan Plaza Drive, Suite 1000
Arlington, Texas 76011

U.S. Nuclear Regulatory Commission
ATTN: Senior Resident Inspector
1 Nuclear Plant Road
Russellville, Arkansas 72801

Arkansas Department of Health
ATTN: Ms. Greta Dicus, Director
Division of Environmental Health
Protection
4815 West Markam Street
Little Rock, Arkansas 72201

Babcock & Wilcox
Nuclear Power Generation Division
ATTN: Mr. Robert B. Borsum
1700 Rockville Pike, Suite 525
Rockville, Maryland 20852

bcc to DMB (IE01)

bcc distrib. by RIV:

*DRSS	*Section Chief (DRP/A)
Lisa Shea, RM/ALF	*RIV File
*DRP	*MIS System
*RSTS Operator	*Project Engineer (DRP/A)
*DRS	
*C. Harbuck, NRR Project Manager (MS: 13-D-18)	
*C. Poslusny, NRR Project Manager (MS: 13-D-18)	
G. F. Sanborn, EO	J. Lieberman, OE

*N/766