

MAY - 3 1990

In Reply Refer To:
Dockets: 50-313/90-04
50-368/90-04

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

Gentlemen:

This refers to the team inspection conducted by Messrs. R. E. Baer, J. B. Nicholas, and R. A. Paul during the period January 29 through February 2, 1990, of activities authorized by NRC Operating Licenses DPR-51 and NPF-6 for Arkansas Nuclear One, Units 1 and 2, and to the discussion of our findings with you and other members of your staff at the conclusion of the inspection on February 2, 1990. Subsequent to this inspection, on April 27, 1990, Mr. B. Murray of the Region IV staff held a discussion with Mr. E. Bickel of your staff to provide an update on the inspection findings.

Areas examined during the inspection included the radiation protection, radioactive effluent releases, low-level radioactive waste, and radioactive materials transportation programs. Within these areas, the inspection consisted of selective examination of procedures and representative records, interviews with personnel, and observations by the inspectors. The inspection findings are documented in the enclosed inspection report.

One of the items reviewed during this inspection was the access to the Unit 1 emergency diesel generator room which was identified as an NRC concern in the "Diagnostic Evaluation Team Report for Arkansas Nuclear One," dated December 21, 1989. The inspectors determined that you have taken initial actions to reduce the radiation levels in an overhead drain line and are evaluating permanent corrective measures to be implemented. This matter is discussed in more detail in paragraph 10 of the enclosed inspection report.

During this inspection, it was found that certain of your activities were in violation of NRC requirements. Consequently, you are required to respond to these violations, in writing, in accordance with the provisions of Section 2.201 of the NRC's "Rules of Practice," Part 2, Title 10, Code of Federal Regulations. Your response should be based on the specifics contained in the Notice of Violation enclosed with this letter. In addition, your response to Violation 368/9004-02 should include those actions taken to ensure that other procedure changes affecting Technical Specification required surveillances have been incorporated into the updated Master Test Control List.

RIV:FRPS	FRPS	RIII	C:FRPS	D:DRSS	D:DRS
*REBaer:lm	*JBNicholas	*RAPaul	*BMurray	ABBerch	SJCollins
/ /90	/ /90	/ /90	/ /90	4/27/90	5/3/90

*Previously concurred

9005080261 900503
PDR ADOCK 05000313
PDC

DmB
IE-06
11

Also during this inspection, it was found that certain of your activities appeared to deviate from a commitment made to the NRC. This item and reference to the commitment is identified in the enclosed Notice of Deviation. You are requested to respond to this deviation in writing. Your response should be based on the specifics contained in the Notice of Deviation enclosed with this letter.

In addition to the violations identified by the inspectors, three other violations were identified by your staff and appropriate corrective action was taken. In accordance with 10 CFR Part 2, Appendix C, Section V.G.1 of the NRC's Enforcement Policy, no citation is being issued for the licensee-identified violations described in paragraph 14 of the enclosed inspection report.

The other violation involving the disposal of radioactive sludge in the Russellville Municipal Sewage Treatment System and the disposal of radioactive waste in your landfill are included in the Notice of Violation. Although these violations could have been considered significant, these unauthorized disposals did not involve significant radiological exposure concerns. Therefore, we view these unauthorized disposals of radioactive material as potentially significant and have cited these violations at a Severity Level IV. However, because adequate corrective actions were taken, no response is required.

We know that you have devoted considerable attention in order to make improvements in this area. During this inspection, we also noted that you have made improvements in the areas of organization changes, increased staffing, the purchase of improved health physics equipment and instruments, and the revision of many radiation protection procedures. However, some problems still exist that indicates that continued attention is required in this area.

An unresolved item involving your overall survey program as it pertains to portal monitor alarms, radiation controlled area exit points, and contamination release limits that requires further NRC evaluation is identified in paragraphs 8, 9.a, and 9.c. An open item involving housekeeping for contaminated tools and equipment is identified in paragraph 9.b.

We have also examined actions you have taken with regard to previously identified inspection findings. The status of these items is identified in paragraph 2 of the enclosed report.

The response directed by this letter and the accompanying Notices are not subject to the clearance procedures of the Office of Management and Budget as required by the Paperwork Reduction Act of 1980, PL 96-511.

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 - Notice of Violation
2. Appendix B - Notice of Deviation
3. Appendix C - NRC Inspection Report
50-313/90-04
50-368/90-04
4. Attachment

cc w/enclosures:

Arkansas Nuclear One
ATTN: Early Ewing, General Manager
Technical Support and Assessment
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

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

Arkansas Nuclear One
ATTN: Jerry Yelverton, Dir.
Nuclear Operations
P.O. Box 608
Russellville, Arkansas 72801

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

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

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

bcc to DMB (IE06) - FRPS

bcc distrib. by RIV:

*R. D. Martin	*Resident Inspector
*DRSS-FRPS	*Section Chief (DRP/A)
Lisa Shea, RM/ALF	*RIV File
*DRP	*MIS System
*RSTS Operator	*Project Engineer (DRP/A)
*DRS	
*T. Alexion, NRR Project Manager (MS: 13-E21)	
*C. Poslusny, NRR Project Manager (MS: 13-D-18)	
*B. Murray	
*R. E. Baer	
*J. B. Nicholas	
*R. A. Paul, RIII	
*A. B. Beach	

*w/766