

APPENDIX

U.S. NUCLEAR REGULATORY COMMISSION
REGION IV

NRC Inspection Report: 50-313/86-27
50-368/86-28

Licenses: DPR-51
NPF-6

Dockets: 50-313
50-368

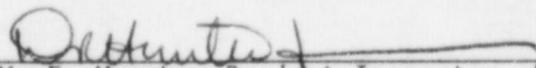
Licensee: Arkansas Power & Light Company (AP&L)
P. O. Box 551
Little Rock, Arkansas 72203

Facility Name: Arkansas Nuclear One (ANO), Units 1 and 2

Inspection At: ANO site, Russellville, Arkansas

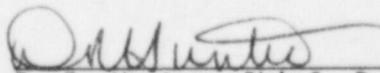
Inspection Conducted: September 8-12, 1986

Inspector:


M. E. Murphy, Project Inspector, Projects
Section B, Reactor Projects Branch

10/21/86
Date

Approved:


D. R. Hunter, Chief, Projects Section B,
Reactor Projects Branch

10/21/86
Date

Inspection Summary

Inspection Conducted September 8-12, 1986 (Report 50-313/86-27)

Areas Inspected: Routine, unannounced inspection of document control program.

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

Inspection Summary

Inspection Conducted September 8-12, 1986 (Report 50-368/86-28)

Areas Inspected: Routine, unannounced inspection of document control program.

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

DETAILS1. Persons Contacted

- *P. Campbell, Plant Licensing Engineer
- *E. Ewing, General Manager, Plant Support
- *J. Grisham, Administration Manager
- *D. Howard, Manager, Special Projects
- *L. Humphrey, General Manager, Nuclear Quality
- M. King, Librarian
- R. Lane, Engineering Manager
- *J. Levine, Director, Site Nuclear Operations
- *D. Lomax, Plant Licensing Supervisor
- *A. McGregor, Engineering Services Supervisor
- *G. Provencher, QA Supervisor
- *R. Rispoli, Fire Protection Specialist
- *C. Shively, Plant Engineering Superintendent
- *J. Taylor-Brown, QC Superintendent
- G. Wardlaw, D&DC Supervisor

*Denotes those present at exit interview.

The NRC inspector also contacted other plant personnel, including operators and training and administrative personnel.

2. Followup on Previously Identified Items

(Closed) Open Item 313/8215-05: Cable penetration fire stop design. The licensee has submitted the additional fire stop material testing data to NRR for review in letter serial OCAN068607, dated June 30, 1986. The results of the NRR review and any required followup inspection will be handled as part of the Appendix R inspection. This item is considered closed.

(Closed) Violation 368/8513-01: Fire doors left open. The licensee has instructed managers to inform their departments that each individual is responsible for ensuring that fire doors close when used. For the specific doors cited in the violation, new closure mechanisms have been installed. Further, the licensee has initiated a program to install local alarms on selected fire doors. This item is considered closed.

3. Licensee Event Report (LER) Followup (Units 1 and 2)

Through direct observation, discussions with licensee personnel, and review of records, the following event reports were reviewed to determine that reportability requirements were fulfilled, immediate corrective action was accomplished, and corrective action to prevent recurrence has been accomplished in accordance with Technical Specifications.

Unit 1

85-12, Fire Suppression System Sprinkler Head Missing

86-05, Unsealed Penetration Between Manholes

Unit 2

86-03, Fire Damper Failure

86-08, Fire Barrier Penetration Breach and Penetrations Not Identified In Surveillance Test

Unit 1 LER 85-12 reported a fusible sprinkler head missing from the suppression system in the lower south cable penetration room. The sprinkler head has been missing since the original system hydrostatic test in 1972. The licensee has installed a fusible sprinkler head and the fire suppression system has returned to normal operation. An extensive walkdown of accessible fire suppression sprinkler systems outside of containment has been complete. There were no other missing sprinkler heads found, however, other deficiencies such as coverage, count, and orientation were identified. Corrective action is being accomplished. This LER is considered closed.

Unit 1 LER 86-05 reported unsealed penetrations between two manholes containing safety-related cables. Post-installation inspection failed to identify the unsealed conduits. The conduits have been sealed or capped. These penetrations will be added to the fire barrier inspection procedure. This LER is considered closed.

Unit 2 LER 86-03 reported two fire barriers that failed an operational test. This operational test was initiated due to previously identified failures and will become a permanent test.

The two dampers have been corrected and operationally tested. This LER is considered closed.

Unit 2 LER 86-08 reported that room 2055 and its associated fire barrier penetrations had been inadvertently deleted from the fire barrier log and had not been included in the surveillance procedure. During the subsequent inspection, one penetration was found breached. The breached penetration was sealed and the penetration fire barriers for room 2055 have been incorporated into the visual surveillance procedure. This LER is considered closed.

No violations or deviations were identified.

4. Document Control Program

This inspection was to determine that the licensee was implementing a document control program in conformance with Technical Specifications, regulatory requirements, commitments in the Final Safety Analysis Report and applicable industry guides and standards.

The NRC inspector reviewed the following administrative procedures:

<u>Number</u>	<u>Title</u>	<u>Revision</u>	<u>Date</u>
1000.04	Procedural Program Requirements	21	07/14/86
1000.05	Procedure Format and Content	12	07/14/86
1000.06	Procedure Review, Approval, and Revision Control	23	07/14/85
1000.13	Control of Station Modifications	11	01/30/86
1000.16	Document Control Requirements	4	01/17/86
1013.01	Document Control and Distribution	8	01/17/86
1013.02	Control of Procedures	27	07/14/86
1013.03	Correspondence Control	9	08/25/86
1013.04	Technical Manual Control	7	01/17/86
1032.11	Design Document Control	5	01/10/85
1032.13	Design Drawing Preparation, Review, and Approval	3	10/23/85
	Quality Assurance Manual - Operations	8	06/10/86

This review verified that the licensee has established master indices for drawings, manuals, Technical Specifications, Updated Final Safety Analysis Reports (UFSAR), and procedures. These indices identified the controlled copy number, location, and revision. A mechanism for issue, distribution, and periodic review is established along with the responsibilities for their accomplishments.

The procedure review further verified that administrative controls have been established for drawings that require the current as-built drawings, including piping and instrumentation diagrams, to be provided to the plant site in a timely manner; provide for the control of obsolete drawings; and assign responsibilities in writing for the review, revision, and control of drawings.

The NRC inspector compared the control number, location, and revision as indicated in the master indices with actual copies of procedures, Technical Specifications, and the UFSAR located in the site master file, both control rooms, maintenance staff, technical staff, and training copies. There were no discrepancies identified.

No violations or deviations were identified.

5. Exit Interview

An exit interview was conducted September 12, 1986, with those personnel denoted in paragraph 1 of this report. The senior resident inspector also attended this exit meeting. At this exit interview, the NRC inspector summarized the scope and findings of the inspection.