

APPENDIX

U. S. NUCLEAR REGULATORY COMMISSION
REGION IV

NRC Inspection Report: 50-313/84-10
50-368/84-10

Licenses: DPR-51
NPF-6

Dockets: 50-313
50-368

Licensee: Arkansas Power and Light Company
Post Office Box 551
Little Rock, Arkansas 72203

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

Inspection At: ANO Site, Russellville, Arkansas

Inspection Conducted: March 1-31, 1984

Inspectors: WD Johnson for
L. J. Callan, Senior Resident Reactor Inspector
(pars. 1, 2, 3, 4)

4/9/84
Date

J. H. Harrell
J. H. Harrell, Resident Reactor Inspector
(pars. 1, 2, 3, 4)

4/5/84
Date

Approved: WD Johnson
W. D. Johnson, Chief, Reactor Project Section C

4/9/84
Date

Inspection Summary

Inspection Conducted March 1-31, 1984 (Report 50-313/84-10)

Areas Inspected: Routine, announced inspection of maintenance and operational safety verification.

The inspection involved 77 inspector-hours onsite by two NRC inspectors.

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

Inspection Summary

Inspection Conducted March 1-31, 1984 (Report 50-368/84-10)

Areas Inspected: Routine, announced inspection of operational safety verification and maintenance.

The inspection involved 63 inspector-hours onsite by two NRC inspectors.

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

DETAILS

1. Persons Contacted

- *J. Levine, ANO General Manager
- *E. Ewing, Engineering & Technical Support Manager
- B. Baker, Operations Manager
- *L. Sanders, Maintenance Manager
- J. McWilliams, Unit 1 Operations Superintendent
- G. Helmick, Planning and Scheduling Supervisor
- M. Bolanis, Health Physics Superintendent
- R. Tucker, Electrical Maintenance Superintendent
- R. Wewers, Unit 2 Operations Superintendent
- D. Wagner, Health Physics Supervisor
- *L. Dugger, Acting Electrical Maintenance Superintendent
- *T. Cogburn, Special Projects Manager
- *L. Humphrey, Administrative Manager
- J. Lamb, Safety and Fire Prevention Coordinator
- T. Baker, Technical Analysis Superintendent
- C. Fellhauer, Radwaste Coordinator
- R. Gillespie, Chemical and Environmental Supervisor
- H. Hollis, Security Coordinator
- P. Jones, Instrumentation and Controls Superintendent
- V. Pettus, Mechanical Maintenance Superintendent
- J. Ray, Quality Control Engineer
- C. Burchard, Health Physics Supervisor
- D. Helm, Health Physics Specialist
- P. Rogers, Special Projects Coordinator
- *L. Schempp, Nuclear Quality Control Manager

*Present at exit interviews.

The inspectors also contacted other plant personnel, including operators, technicians, and administrative personnel.

2. Monthly Maintenance Observation (Units 1 and 2)

Station maintenance activities of safety-related systems and components listed below were observed/reviewed to ascertain that they were conducted in accordance with approved procedures, Regulatory Guides, and industry codes or standards; and in conformance with Technical Specifications.

The following items were considered during this review: the limiting conditions for operation were met while components or systems were

removed from service; approvals were obtained prior to initiating the work; activities were accomplished using approved procedures and were inspected, as applicable; functional testing and/or calibrations were performed prior to returning components or systems to service; quality control records were maintained; activities were accomplished by qualified personnel; parts and materials used were properly certified; radiological controls were implemented; and fire prevention controls were implemented.

Work requests were reviewed to determine status of outstanding jobs and to ensure that priority is assigned to safety-related equipment maintenance which may affect system performance.

The following maintenance activities were observed/reviewed:

- . Emergency Diesel Generator A and B Lube Oil Modifications, Unit 1 (J.O. 58398)
- . Emergency Diesel Generator A and B Vibration Damper Changeout, Unit 1 (J.O. 55021)
- . Replacement of 125 Vdc Batteries, Unit 1 (J.O. 58391)

No violations or deviations were identified.

3. Operational Safety Verification (Units 1 and 2)

The NRC inspectors observed control room operations, reviewed applicable logs, and conducted discussions with control room operators. The inspectors verified the operability of selected emergency systems, reviewed tagout records, and verified proper return-to-service of affected components. Tours of accessible areas of the units were conducted to observe plant equipment conditions, including potential fire hazards, fluid leaks, and excessive vibrations. In addition, the inspectors ensured that maintenance requests had been initiated for equipment in need of maintenance. The inspectors, by observation and direct interview, verified that the physical security plan was being implemented in accordance with the station security plan.

The NRC inspectors observed plant housekeeping/cleanliness conditions and verified implementation of radiation protection controls. The NRC inspectors walked down the accessible portions of the Unit 1 emergency diesel generators, Unit 1 motor- and turbine-driven emergency feedwater pumps, Unit 2 emergency diesel generators, and Unit 1 station batteries to verify:

operability. The inspectors witnessed portions of the radioactive waste system controls associated with radwaste shipments and barreling.

These reviews and observations were conducted to verify that facility operations were in conformance with the requirements established under Technical Specifications, 10 CFR, and administrative procedures.

No violations or deviations were identified.

4. Exit Interview

The NRC inspectors met with Mr. J. M. Levine (Plant General Manager) and other members of the AP&L staff at the end of various segments of this inspection. At these meetings, the inspectors summarized the scope of the inspection and the findings.