

APPENDIX A

U.S. NUCLEAR REGULATORY COMMISSION
REGION IV

NRC Inspection Report: 50-313/82-20
50-368/82-17

Dockets: 50-313
50-368

Licenses: DPR-51
NPF-6

Licensee: Arkansas Power and Light Company
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: August 16-20, 1982

Inspectors:

M. E. Murphy
M. E. Murphy, Reactor Inspector, Reactor
Project Section C (paragraphs 1, 2, 3, 6, & 7)

9/10/82
Date

T. A. Flippo
T. A. Flippo, Reactor Inspector, Reactor
Project Section C (paragraphs 1, 4, 5, & 7)

9/10/82
Date

Approved:

D. M. Hunnicutt
D. M. Hunnicutt, Acting Chief, Reactor Project
Section C

9/13/82
Date

Inspection Summary

Inspection Conducted August 16-20, 1982 (Report: 50-313/82-20)

Areas inspected: Routine, unannounced inspection of operator requalification training, training, onsite review committee, and procurement. The inspection involved 32 inspector-hours by two NRC inspectors.

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

Inspection Conducted August 16-20, 1982 (Report: 50-368/82-17)

Areas inspected: Routine, unannounced inspection of operator requalification training, training, onsite review committee, and procurement. The inspection involved 32 inspector-hours by two NRC inspectors.

DETAILS1. Persons Contacted

- *L. Dugger, Manager, Special Projects
- M. Durst, Administrative/Technical Support Training Supervisor
- *J. Garrett, Materials Management Supervisor
- G. Johnson, Assistant Stores Supervisor
- *J. Levine, General Manager
- J. McWilliams, Unit 1 Operations Superintendent
- *J. Vandergrift, Training Superintendent
- E. Wentz, Operations Training

*Denotes presence at the exit interview conducted August 20, 1982.

The NRC inspectors also contacted and interviewed other plant personnel including administrative, clerical, operations, engineering, technical support, maintenance and contract personnel.

2. Operator Requalification Training

The NRC inspector reviewed the licensee's requalification program for conformance to regulatory requirements. There have been no significant changes to the licensee's proposed program since the last inspection (313/81-26 and 368/81-25, dated September 4, 1981). The requirements for the requalification training program of 10 CFR Part 55 Appendix A, are contained in the Licensee's Procedure 1023.08, Revision 2, of October 20, 1981, "Operations Training Program."

The NRC inspector found that the licensee is evaluating the results of the annual examinations to identify deficient areas and is using this information to plan and develop the continuing lecture series. The licensee is preparing and publishing formal schedules for these identified lectures.

The NRC inspector determined that the licensee has developed and is presently implementing a program for systematic observation and evaluation of the performance and competency of licensed operators and senior operators by their supervisors. The results of this program will be reviewed in future inspections.

The NRC inspector reviewed training records and determined that attendance at required lectures, required control manipulations, additional training in identified deficient areas, required procedure reviews and self study were documented. During the review of completed annual examinations, the NRC inspector found one case where the individual received a failing score in two sections and an average score of less than 80%. This individual was placed in an accelerated requalification course and reexamined on the two failed sections (technical specifications and radiation protection) approximately two weeks later. The results of this exam were 68% on technical specifications and 95% on radiation protection. The training department

concluded that this gave the individual an overall average of greater than 80% for his annual requalification exam and recommended that he be returned to licensed duties. The training department further recommended that this individual be assigned to review technical specifications and return to the training center no later than May 23, 1982, to be retested. As of the date of this inspection, he had not been retested on the technical specifications section.

This case was discussed with licensee representatives. The NRC inspector pointed out that this appeared to be contrary to the licensee's own criteria contained in paragraph 6.8.3 of "Operations Training Program," procedure 1023.08 (Revision 2, dated October 20, 1981) which states:

"An operator who has been removed from licensed duties may return to licensed duties following completion of requalification training in areas of weakness, and completion of an examination with a grade of not less than 80%."

There is further conflict within this procedure since paragraph 6.8.1 stipulates the requirement for the conduct of an annual written examination also cites acceptance criteria:

"A minimum average grade of 80% is required for passing the exam with greater than 70% in each category of the exam."

This is considered an unresolved item pending the completion of retraining and reexamination of this individual, and revision of Procedure 1023.08 to resolve interpretations of the acceptance criteria for the annual examination and reexaminations as committed by the licensee at the exit interview. (Unresolved item 50-313/8220-01; 50-368/8217-01)

There were no violations or deviations identified in this area of the inspection.

3. Training

The objective of this inspection was to ascertain that the licensee's overall training and retraining activities for nonlicensed employees are in conformance with technical specifications and QA program requirements.

There have been no changes to the licensee's approved training program since the last inspection, and the program is being administered in conformance with the Technical Specification, Chapter 6 and Licensee Procedure 1023.07, "General Employee Training Program," Revision 1, September 11, 1981.

The NRC inspector interviewed eight of the licensee's employees in the following classifications: One mechanic, two electricians, one chemistry technician, one health physics technician, one engineer, one instrument and control technician, and one contract person. Within this group, there were new, existing, and temporary personnel. These interviews were to

determine that training in administrative controls and procedures, radiological health and safety, industrial safety, controlled access and security procedures, emergency plan, and quality assurance was being provided as required by the licensee's program. It was also determined that on-the-job training, formal technical training commensurate with job classification, and fire fighting/prevention training were adequate and effective. The employees confirmed that the required training was being provided, and, in general, they considered the training that they had received was effective and had improved considerably during the past year.

Training records were reviewed and it was confirmed that the required training and retraining were being documented. The NRC inspector found that the training records of the security guards were kept by their supervisor instead of with the other plant employees training records. This was discussed with the licensee.

There were no violations or deviations identified in this area of the inspection.

4. On-Site Review Committee

The NRC inspector reviewed the licensee's operation of the Plant Safety Committee for compliance with Unit 1 and 2 Technical Specifications Section 6.5.1 and with licensee's implementing procedure 1000.02, Revision 3, (December 11, 1981), "Plant Safety Committee (PSC) Operations."

Inspected areas included review of the composition of the committee and approval of alternate chairman, and review of the minutes of the following PSC meetings:

82-001 (January 6, 1982)	82-022 (March 3, 1982)	82-061 (April 28, 1982)
82-005 (January 13, 1982)	82-031 (March 24, 1982)	82-071 (May 21, 1982)
82-012 (February 3, 1982)	82-040 (April 7, 1982)	82-090 (July 21, 1982)

In addition, the NRC inspector attended the PSC meeting held August 18, 1982, and reviewed the minutes of that meeting.

No violations or deviations were identified.

5. Procurement

The NRC inspector reviewed the licensee's procurement activities relating to material receipt, receipt inspection, identification and storage for compliance with 10 CFR Part 50, Appendix B. These activities were reviewed

against the licensee's Quality Assurance Manual Operations, AP&L-TOP-1A, Revision 5, dated October 10, 1980; and licensee implementing procedures 1000.10, Revision 3, (July 9, 1982), "Control of Procurement"; 1033.01, Revision 3, (July 9, 1982), "Receipt Inspection"; 1033.02, Revision 5, (July 9, 1982), "Control of Material"; and 1033.06 Revision 5, (July 9, 1982), "Stores Receipt, Issue, and Return."

Inspected areas included review of selected receipt inspection documentation packages for acceptable evidence of material conformance; review of qualifications of personnel performing receipt inspections evaluation of the acceptability of storage areas; inspection of stored material for deterioration and adequate packaging; and the licensee's program of shelf life identification and control for material subject to aging during storage.

No violations or deviations were identified.

6. Unresolved Items

An unresolved item is a matter about which more information is required in order to ascertain whether or not it is an acceptable item, violation, or deviation. An unresolved item is discussed in paragraph 2 of this report (annual examination and reexamination acceptance criteria; personnel retraining and reexamination).

7. Exit Interview

An exit interview was conducted August 20, 1982, with those personnel denoted in paragraph 1 of this report. At this interview, the scope and findings of the inspection were discussed. The licensee acknowledged the findings.