



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION II
101 MARIETTA ST., N.W., SUITE 3100
ATLANTA, GEORGIA 30303

Report Nos. 50-348/82-01, 50-364/82-01

Licensee: Alabama Power Company
P. O. Box 2641
Birmingham, AL 35291

Facility Name: Farley

Docket Nos. 50-348 and 50-364

License Nos. NPF-2 and NPF-8

Inspection at Farley site near Dothan, Alabama

Inspector: P. E. Fredrickson

1/28/82

Date Signed

Approved by: C. M. Upright
C. M. Upright, Section Chief
Engineering Inspection Branch
Engineering and Technical Inspection Division

1/28/82

Date Signed

SUMMARY

Inspection on January 4-8, 1982

Areas Inspected

This routine, unannounced inspection involved 36 inspector-hours on site in the areas of licensee action on previous enforcement matters, QA program annual review, design changes and modifications, audits, non-licensed personnel training, licensed operator training, surveillances, independent inspection and licensee action on previously identified inspections items.

Results

Of the nine areas inspected, no violations or deviations were identified.

REPORT DETAILS

1. Persons Contacted

Licensee Employees

- *R. Berryhill, System Performance Superintendent
- C. Buck, Project Engineer, General Office
- *D. Culver, Safety Audit and Engineering Review
- K. Jones, Material Supervisor
- *W. Shipman, Maintenance Superintendent
- J. Thomas, I&C Supervisor
- *W. Ware, Supervisor, Safety Audit and Engineering Review
- *J. Woodard, Assistant Plant Manager

Other licensee employees contacted included technicians, mechanics, and office personnel.

NRC Resident Inspector

- *W. Bradford
- *T. Peebles

*Attended exit interview

2. Exit Interview

The inspection scope and findings were summarized on January 8, 1981, with those persons indicated in paragraph 1 above. The licensee acknowledged the inspection findings.

3. Licensee Action on Enforcement Matters (92702)

Items of noncompliance from Inspection Report 50-348/80-14 were reviewed with respect to the licensee's letter dated September 2, 1980.

- a. (Closed) Infraction (348/80-14-01): Failure to Provide Definitive or Prompt Corrective Action. The original problem of improper storage has been corrected. Also, SAER-AP-05, Revision 0, has been written and states that Safety Audit and Engineering Review (SAER) noncompliances will be reaudited during each four-month audit. The inspector reviewed the four-month audit conducted October 5-23, 1981, to verify procedural adherence.
- b. (Closed) Deficiency (348/80-14-02): Failure to Control Consumables. The maintenance areas for storage of consumable/expendables not readily controlled has been appropriately identified as "Not for Safety Related Use."

- c. (Closed) Unresolved Item (348/80-14-09): Review Specific Action for Closeout of Correction Action Report (CAR) 366. CAR 366 was closed out to CAR 562 which was closed out by the SAER group. Also, a recent SAER design change audit found no deficiencies in the areas of Plant Change Notice (PCN) implementation with respect to performance of safety evaluations.

4. Unresolved Items

Unresolved items were not identified during this inspection.

5. QA Program Annual Review (35701)

- References:
- (a) Accepted Quality Assurance Program, FSAR Section 17.2, Revision 73
 - (b) FSAR Section 17.3, Revision 75
 - (c) Operational Quality Assurance Policy Manual (OQAPM), Revision 17

The inspector reviewed these references to verify conformance with the accepted Quality Assurance (QA) Program. Interviews with selected licensee personnel verified that plant personnel understand the significance of plant procedures to the QA Program.

Based on this review, no violations or deviations were identified.

6. Design, Design Changes, and Modifications (37700)

- References:
- (a) OQAPM, Chapter 3, Design Control, Revision 17
 - (b) FNP-0-AP-008, Design Modification Control, Revision 4
 - (c) FNP-0-AP-013, Bypass of Safety Functions and Jumper Control, Revision 0

The inspector selected four safety-related PCN's and several of their associated drawings for review as follows:

<u>PCN</u>	<u>DRAWING</u>
80-733	D-175042, Sh. 2 D-175039, Sh. 4
79-531	D-181774, Sh 2
79-382	D-177355
79-403	D-170119, Sh 1

For the items selected, the inspector verified that documentary evidence was available on site to support the licensee's conformance to design change requirements. Design inputs encompassing codes, standards, regulatory requirements, and design bases were verified.

Based on this review, no violations or deviations were identified.

7. Audits (40704)

- References:
- (a) OQAPM, Chapter 18, Audits, Revision 17
 - (b) SAER-AP-05, Audit Coverage Planning, Revision 0
 - (c) SAER-AP-06, Audit Implementation, Revision 3

The inspector reviewed the licensee's audit schedule. Four recently completed audits were reviewed to verify that they were conducted in accordance with written checklists, that the auditors were independent and qualified to perform the audit, that identified deficiencies were corrected or are being tracked, that the audited organization responded in writing as required, and that the audit report was distributed as required. The following are the four audits reviewed:

- Control of Special Processes, 10/5 - 10/23/81
- Fire Protection, 7/3 - 8/12/81
- Maintenance, 6/4 - 7/1/81
- Material Control Activities, 4/1 - 5/8/81

Based on this review, no violation or deviations were identified.

8. Non-Licensed Personnel Training (41700)

- References:
- (a) OQAPM, Chapter 19, Training, Revision 17
 - (b) FNP-0-AP-45, Training Plan, Revision 2

The inspector determined that this inspection area has been reviewed by the NRC resident inspectors. No problems have been identified and results of their inspections have been documented in the resident inspector's monthly reports.

9. Licensed Operator Training (41701)

- Reference: FNP-0-AP-45, Training Plan, Revision 2

The inspector determined that this inspection area has been reviewed by the NRC resident inspectors during their routine inspections. No problems have been identified and results of their inspections have been documented in the resident inspector's monthly reports.

10. Surveillance (61700)

- References: (a) FNP-0-AP-5, Surveillance, Revision 4
- (b) FNP-0-AP-11, Control and Calibration of Test Equipment and Instrumentation

The inspector determined that this inspection area has been reviewed by the NRC resident inspectors during their routine inspections. No problems have been identified and results of their inspections are documented in the resident inspector's monthly reports.

11. Independent Inspection (92706)

a. Calibration Lab Humidity Control

During the closeout review of NRC Inspection Item 348/80-14-11 and 364/80-16-11, the inspector observed that the 75% relative humidity in the calibration lab was higher than the specifications stated in the Fluke Model 343A DC Voltage Calibrator operating instruction manual.

This out-of-specification condition lasted for only two hours and was apparently caused by the maintenance bay doors being open. Although a telephone call to the Fluke Company revealed that the 70% limit from the instruction manual was for extended usage of weeks or more, the inspector noted that no control system existed to insure that any measuring and test equipment in the lab that was humidity sensitive was always stored and operated under conditions as required by the manufacturer. The licensee stated that sufficient control would be implemented to insure that proper environmental conditions exist for test equipment storage and use.

b. Material Warehouse Level A Humidity Control

After observing the humidity control problem in the calibration lab, the inspector reviewed the storage warehouse Level A humidity controls. FNP-0-AP-23, Storage of Materials, Components and Equipment, Revision 1 requires that Level A items shall be stored in an area where the humidity is controlled within specified limits. The inspector determined that a humidity control device was in operation, but no indicator existed to denote actual humidity in the Level A storage area; thus no assurance of the correct operation of the control device is available. This lack of humidity assurance is mitigated in that the Level A item storage program at the plant places Level A items in plastic containers with humidity indicators inside the containers. The licensee stated that a warehouse humidity indicator would be utilized or that site procedures would be modified to reflect the plastic bagging process as the humidity control system.

12. Licensee Action on Previously Identified Inspection Items (92701)

- a. (Closed) Inspector Followup Item (348/80-14-11, 364/80-16-11): Review Calibration Facilities for Size and Cleanliness. The calibration lab was clean and although small appeared to be adequate.
- b. (Closed) Inspector Followup Item (348/80-14-14): Review Housekeeping. The resident inspector has reviewed this area and is pursuing any problem areas.
- c. (Closed) Inspector Followup Item (348/80-14-15): Review Prints After Completion of Unit 1 Drawing Turnover. Both Unit 1 and 2 drawing tabs have been sent to Bechtel and a search for drawings requiring upgrading will be completed by June 30, 1982.
- d. (Closed) Inspector Followup Item (364/80-16-16): Review Prints After Issuance of Unit 2 Operating License. See paragraph 12.c.
- e. (Closed) Open Item (348/80-14-10, 364/80-16-10): Determine Acceptability of Size of Offsite Technical Support Staff. The staffing for the site has been accepted by the NRC and appears adequate.
- f. (Closed) Open Item (348/80-14-18, 364/80-16-18). Review Disapproved Vendor Purchase Orders. GO-NG-9, Administrative Control of Plant Services Approved Suppliers List, requires that all purchase orders be reviewed if a specific vendor is deleted from the approved list.
- g. (Closed) Open Item (348/80-14-20, 364/80-16-20): Include Mandatory Guidance for Use in OQA-WP-20, SAER-WP-20, Revision 5, Review and Evaluations Involving Procurement contains the guidance necessary to decide whether or not to audit a vendor.
- h. (Closed) Open Item (364/80-16-21): NRR to Review Size of OQA Staff. The QA staff has been increased and appears adequate.
- i. (Closed) Open Item (364/80-16-22): Clarify Plant Operations Review Committee (PORC) Procedure Review. The NRC has reviewed the application and approved the license for Unit 2. The PORC administration appears adequate.
- j. (Closed) Open Item (364/80-16-23): Clarify PORC Review of Modification. See paragraph 12.i. The modification review section of the Technical Specifications appears adequate.
- k. (Closed) Open Item (364/80-16-24): Establish Method to Keep Data Packages Complete. Startup Standard 6, Revision 11, now requires that all Test Data Deficiency Sheet numbers be annotated on the appropriate page where the change was made.

1. (Closed) Open Item (364/80-16-25): Mark Drawing Tabs to Indicate Significance. See paragraph 12.c. Bechtel will annotate significant drawing changes on the tabs as part of the drawing update.