



UNITED STATES
 NUCLEAR REGULATORY COMMISSION
 REGION II
 101 MARIETTA STREET, N.W., SUITE 2900
 ATLANTA, GEORGIA 30323

Report Nos.: 50-250/87-04 and 50-251/87-04

Licensee: Florida Power and Light Company
 9250 West Flagler Street
 Miami, FL 33102

Docket Nos.: 50-250 and 50-251

License Nos.: DPR-31 and DPR-41

Facility Name: Turkey Point 3 and 4

Inspection Conducted: January 12-16, 1987

Inspectors:

[Signature]
 W. P. Kleinsorg

1/30/87

Date Signed

[Signature]
 L. H. Jackson

Jan 30 1987

Date Signed

Approved by:

[Signature]
 J. J. Blake, Chief
 Materials and Processes Section
 Engineering Branch
 Division of Reactor Safety

1/30/87

Date Signed

SUMMARY

Scope: This routine, unannounced inspection was conducted in the areas of licensee action on previous enforcement matters (92701B) (92702B), housekeeping (54834B), material identification and control (42901B), material control (42940B), and Galvalloy supplied materials (92701).

Results: No violations or deviations were identified.

REPORT DETAILS

1. Persons Contacted

Licensee Employees

- *F. Southworth, Acting Plant Manager
- *M. J. Crisler, Quality Control (QC) Supervisor
- *M. J. Arias, Jr., Regulatory Compliance Supervisor
- W. R. Coutier, Quality Assurance (QA) Engineer
- E. L. Anderson, PNS ISI Specialist
- *H. E. Hartman, ISI Coordinator
- *R. Hart, Licensing Engineer

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

Other Organizations

D. E. Boger, Factory Mutual ANII

NRC Resident Inspector

D. R. Brewer

*Attended exit interview

2. Exit Interview

The inspection scope and findings were summarized on January 16, 1987, with those persons indicated in paragraph 1 above. The inspector described the areas inspected. No dissenting comments were received from the licensee. The licensee did not identify as proprietary any of the materials provided to or reviewed by the inspectors during this inspection.

3. Licensee Action on Previous Enforcement Matters (92701B) (92702B)

(Closed) Severity Level IV Violation (50-250, 251/85-34-02): Failure to Audit Vendors Triennially. The licensee response, dated November 15, 1984, was considered acceptable by Region II. The inspectors reviewed the list of American Society of Mechanical Engineers (ASME) suppliers which were removed from Florida Power and Light Company's Approved Suppliers List (ASL). Sixteen of these suppliers have been audited and subsequently added to the latest ASL. The inspectors reviewed procedure Q17QAD6, R5, Methods for Supplier Evaluations, dated January 28, 1986, and confirmed that FPL now requires triennial audits. Audits performed by FPL to qualify Velan Valve Company, Techalloy Maryland Incorporated, Anchor Darling and Alloy Rod Corporation were reviewed to verify audits were performed to accept suppliers. Triennial audits are now being performed.

The inspectors concluded that the licensee had determined the full extent of the violation, taken action to correct current conditions, and developed corrective actions needed to preclude recurrence of similar problems. Corrective actions stated in the licensee response have been implemented.

4. Unresolved Items

Unresolved items were not identified during this inspection.

5. Independent Inspection Effort

Housekeeping (54834B), Material Identification and Control (42902B) and Material Control (42940B)

The inspector conducted a general inspection of protected areas to observe activities such as housekeeping, material identification and control, material control, and storage.

Within the areas examined, no violations or deviations were identified.

6. Gulfalloy Supplied Materials (Units 3 and 4)

The inspectors discussed the status of the implementation of the program for the determination of serviceability of Gulfalloy supplied materials with the licensee. The licensee indicated that to date 97% of the piping, 97% of the fittings, 100% of the tubing, 80% of the structural shapes, 40% of the structural plate and 100% of the bolting materials had been dispositioned.

The Gulfalloy issue was identified as a result of IE Bulletin 83-06 and is discussed in NRC RII Reports 50-250, 251/85-07 50-250, 251/85-34, 50-250, 251/86-06, 50-250, 251/86-31, and 50-250, 251/86-44.

The following inspection was conducted at the Corporate Engineering Center, Juno Beach, Florida, and at the Turkey Point site near Florida City, Florida.

As a result of the licensee's efforts to date, they opened 57 Nonconformance Reports (NCRs) related to hardware at the Turkey Point site and six at the St. Lucie site. All but 13 of the Turkey Point NCRs and all but one of the St. Lucie NCRs have been closed. The following material is pending inspection: 300 linear ft. of pipe (all used in structural application); 30 sheets of steel plate; 90 pipe fittings; and 2415 linear ft. of structural shapes. The above material represents approximately seven percent of the total Gulfalloy material identified. The other 93% was dispositioned by 44 NCRs at Turkey Point and five NCRs at St. Lucie. The below listed NCRs remain open.

Open Gulfalloy NCRs

042-85	General
426-85	Structural Shapes
417-85	Pipe Fittings
197-85	Pipe Fittings
446-85	Pipe Fittings
193-85	Pipe Fittings
414-85	Pipe Fittings
463-85	Pipe Fittings
1527-85	Pipe Fittings (St. Lucie)
453-85	Pipe
450-85	Pipe
443-85	Pipe
430-85	Pipe
462-85	Bolting

To date, the licensee has performed 24 audits of Gulfalloy subtier suppliers; reviewed three audits performed by another nuclear utility of Gulfalloy subtier suppliers; and reviewed two audits performed by Gulfalloy of their suppliers. This effort resulted in the closure of 24 NCRs at Turkey Point. The remaining 20 Turkey Point NCRs were closed by a combination of audits and engineering evaluations. The engineering evaluation dispositioned the material as one of the following: acceptable (conforms to the original specification); use as-is (acceptable for actual application); used in non-nuclear safety-related application; or scrapped (not installed or removed).

To determine the adequacy of the licensee's actions to resolve the 49 closed NCRs for both Turkey Point and St. Lucie, the inspectors reviewed the NCRs and audits listed below:

NCRs Examined

200-85
 412-85
 457-85
 198-85
 425-85
 458-85
 459-85
 456-85
 433-85
 464-85

Audits Reviewed

Cardinal Industries, Las Vegas, NV
Damascus Tubler Products, Greenville, PA
National Flanges and Fitting Co., Houston, TX
Standard Fitting, Oplusas, LA

The remaining 14 open NCRs require licensee engineering evaluations. Pending NRC review of the resolution of the 14 open NCRs, this matter remains open.

Within the areas examined, no violations or deviations were identified.

7. Inspector Followup Items (92701)

- a. (Open) Item 50-250, 251/86-31-03: "Gulfalloy Supplied Materials."

This item is discussed in paragraph 6.

- b. (Open) Item 50-250, 251/86-44-05: "Offsite Storage Controls"

This item concerns the licensee's inability to provide the inspector, of record, for NRC Report No. 50-250, 251/86-44 a documented program for the storage of nonfilmable records. These records are located at the FP&L Corporate Records Center located at Rivera Beach, Florida. The inspectors reviewed documents, interviewed licensee personnel and performed a walkthrough inspection of the Corporate Records Center to access the adequacy of the licensee storage program for nonfilmable inservice inspection records. The following documents were reviewed: QI 17 CDR 1, Revision 1, "Quality Instructions for Collection, Storage, Maintenance and Retrieval of Quality Assurance Records," and "Corporate Records Center Internal Instruction and Training Manual."

The inspectors noted that although the storage conditions for "special process records" (such as radiographs, photographs, negatives, and microfilm), which are light-sensitive, pressure sensitive, or temperature sensitive, are consistent with the licensee's commitments to the NRC, the program is informal and undocumented. The licensee indicated that they would amend the training manual to include specific requirements for the storage environment for special process records (temperature and humidity; verification of temperature and humidity and verification of the accuracy of the instruments used to measure and record the temperature and humidity). Pending NRC review of the amended training manual, this item will remain open.

Within the areas examined, no violations or deviations were identified.