



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

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In Reply Refer To:
RII:GAB
50-302/80-6

Florida Power Corporation
ATTN: J. A. Hancock, Director
Nuclear Operations
P. O. Box 14042, Mail Stop C-4
St. Petersburg, FL 33733

Gentlemen:

This refers to the inspection conducted by G. A. Belisle of this office on February 11-15, 1980, of activities authorized by NRC Operating License No. DPR-72 for the Crystal River facility, and to the discussion of our findings held with D. C. Poole at the conclusion of the inspection.

Areas examined during the inspection and our findings are discussed in the enclosed inspection report. Within these areas, the inspection consisted of selective examinations of procedures and representative records, interviews with personnel, and observations by the inspectors.

Within the scope of this inspection, no items of noncompliance were disclosed.

We have examined actions you have taken with regard to previously identified enforcement matters and unresolved items. The status of these items is discussed in the enclosed report.

One new unresolved item resulted from this inspection and is discussed in the enclosed report. This item will be examined during subsequent inspections.

In accordance with Section 2.790 of the NRC's "Rules of Practice", Part 2, Title 10, Code of Federal Regulations, a copy of this letter and the enclosed inspection report will be placed in the NRC's Public Document Room. If this report contains any information that you (or your contractor) believe to be proprietary, it is necessary that you make a written application within 20 days to this office to withhold such information from public disclosure. Any such application must include a full statement of the reasons on the basis of which it is claimed that the information is proprietary, and should be prepared so that proprietary information identified in the application is contained in a separate part of the document. If we do not hear from you in this regard within the specified period, the report will be placed in the Public Document Room.

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Florida Power Corporation

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Should you have any questions concerning this letter, we will be glad to discuss them with you.

Sincerely,

R. C. Lewis
R. C. Lewis, Acting Chief
Reactor Operations and Nuclear
Support Branch

Enclosure:
Inspection Report No. 50-302/80-6

cc w/encl:
D. C. Poole
Nuclear Plant Manager
P. O. Box 1240
Crystal River, FL 32629



UNITED STATES
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Report No. 50-302/80-06

Licensee: Florida Power Corporation
3201 34th Street, South
St. Petersburg, FL 33733

Facility Name: Crystal River

Docket No. 50-302

License No. DPR-73

Inspection at Crystal River site near Crystal River, Florida

Inspector: G. A. Belisle 3/3/80
G. A. Belisle Date Signed

Approved by: C. M. Upright 3/3/80
C. M. Upright, Acting Section Chief, RONS Branch Date Signed

SUMMARY

Inspection on February 11-15, 1980

Areas Inspected

This routine, unannounced inspection involved 38 inspector-hours on site in the areas of licensee actions on previous inspector identified items, infractions and unresolved items, review of plant operations, review of test and measurement equipment and plant tour.

Results

Of the four areas inspected, no items of noncompliance or deviations were identified.

DETAILS

1. Persons Contacted

Licensee Employees

- *D. C. Poole, Plant Manager
- *G. R. Westafer, Maintenance Superintendent
- *P. F. McKee, Operations Superintendent
- *R. W. Kennedy, Compliance Supervisor
- *J. Cooper, Jr., QA/QC Manager
- *R. E. Rogers, Stores Supervisor
- *J. L. Bufé, Compliance Auditor
- R. V. Mathews, Nuclear Support Technician
- W. E. Kemper, Technical Specifications Engineer
- J. E. Mack, Inservice Inspection Engineer
- G. L. Claar, Planning Coordinator

Other licensee employees contacted included five technicians, three operators, three mechanics and seven office personnel.

NRC Resident Inspector

- *B. Smith

*Attended exit interview.

2. Exit Interview

The inspection scope and findings were summarized on February 15, 1980 with those persons indicated in Paragraph 1 above.

3. Licensee Action on Previous Inspection Findings

(Closed) Infraction (302/78-38-01): Failure to perform post maintenance testing on MUV 253 and MSV 148. The inspector reviewed the licensee actions as stated in this correspondence CS-79-331 dated November 7, 1979. The inspector had no further questions. This item is closed.

(Open) Unresolved Item (302/79-04-01): Safety-related consumable/expendable items. The inspector reviewed the licensee's safety listing approved September 25, 1979. Section 6 contains provisions for consumable items. The licensee has not determined what portion of the QA program applies to consumable/expendable items and has not established these QA measures, consequently this item remains open.

4. Unresolved Items

Unresolved items are matters about which more information is required to determine whether they are acceptable or may involve noncompliance or deviations. New unresolved items identified during this inspection are discussed in paragraph 6.d.

5. Licensee Action on Previously Identified Inspector Followup Items

- a. (Closed) (302/79-04-21), Failure to Provide Controls for Items with Limited Shelf Life. The inspector reviewed a current listing of items with limited shelf life as provided by Gilbert Associates to Power Plant Materials. The inspector also reviewed a random sampling of materials that had exceeded their shelf life and verified the implementation of necessary controls as stated in QOP-6, Receipt, Quality Receiving Inspection and Identification, Revision 9, dated December 15, 1979. This item is closed.
- b. (Closed) (302/79-04-22), Training of New Warehouse Employees. The inspector reviewed interoffice correspondence from Mr. R. E. Rogers, Power Plant Materials to Mr. W. R. Watts, Manager, Power Plant Materials, that provides certification of training of stores personnel by Allis-Chalmers and Freeman and Sons, on March 6 and June 20, 1979, respectively. This item is closed.
- c. (Open)(302/79-53-01), Emergency Diesel Generator Fan Cooling. The inspector verified that the 3A Emergency Diesel Generator Radiator Cooling Fan Blade pitch had been readjusted to $8\frac{1}{2}^{\circ}$ which is the required setting for existing conditions. The licensee is working with Colt Industries to provide long-term corrective action.

6. Test and Measurement Equipment

- References:
- a) FSAR Chapter 1.7.6.7.1.L
 - b) CP 107 Test Instrument, Standards and Calibration Control, Revision 9, December 13, 1979

a. Inspection Items

The referenced documents were reviewed to ascertain whether the licensee is implementing a program related to the control of test equipment. The inspection was to verify by the review of established controls for test and measurement equipment that the following items have been accomplished; that criteria and responsibility for assignment of the calibration/adjustment frequency had been established, that an equipment inventory list or equivalent has been prepared which identifies the test and measurement equipment which will be used on safety-related structures, system or components and also identifies the calibration/adjustment frequency for each piece of equipment, that formal requirements exist for marking the latest inspection/calibration dates on

each piece of equipment, that a system has been provided for assuring each piece of equipment is calibrated and adjusted on or before the date required, that a written requirement has been established which prohibits the use of non-calibrated equipment and describes controls to prevent inadvertent use of such equipment, that out of calibration controls have been established which require when equipment is found to be out of calibration the acceptability of items previously tested or measured will be evaluated and documented and an evaluation is done on the cause of the out of calibration, that a system has been established to assure new test and measurement equipment is added to the inventory and calibrated prior to being placed into service.

As a result of this review the inspector identified one unresolved item, paragraph 6.d, and two inspector followup items, paragraphs 6.b and 6.c.

(1) Review of Traceability of Calibration Instrumentation

The inspector reviewed the documentation of four pieces of equipment used in the calibration lab to verify their traceability to a nationally recognized standard as required by the technical specifications section 1.7.6.7.1.L.6. The calibration instruments reviewed were End Rods S/N PS3, Croblox S/N 43279.11, Pressure Standard S/N 4912, and Portable Klein Bridge S/N 73613, Model No. 72-439.

No items of noncompliance or deviation were identified.

b. Failure to Provide Approved Procedures for the Calibration of Test Equipment

The FSAR Section 1.7.6.7.1.L states in part that all calibration of test equipment will be done in accordance with established written procedures. During the time of this inspection, February 11-15, 1980, the inspector reviewed nine procedures for the calibration of test equipment. The procedures reviewed were:

CI-4 Torque Wrench, CI-5 Pressure Gauge, CI-2
Meters, CI7 Crimpers and Plug Gauges, CI-10
Signal Generators, CI-11 Hi Pot Tester, CI13
Resistance Bridges, CI-16 Oscilliscopes and CI-19 Thermometers

None of these procedures had been approved. This item had been previously identified, documented and acknowledged by the licensee and corrective actions were underway prior to this inspection: In order to determine that this inadequacy is corrected in a timely manner, this item is identified as inspector followup item. (302/80-06-01) and will be reviewed during a subsequent inspection.

c. Failure to Provide Personnel with Training

The FSAR Section 1.7.6.7.1.b.2 states in part that personnel responsible for performing quality activities are trained and qualified in the principles and techniques of the activity being performed. CP 107 Section 7.2.3 requires that the calibration personnel will be experienced and familiar with appropriate equipment, methods and procedures for their work. At the time of this inspection, February 11-15, 1980, no training program exists for the personnel in the calibration lab.

This item has been previously identified, documented and acknowledged by the licensee and corrective actions were underway prior to this inspection. In order to determine that this inadequacy is corrected in a timely manner, this item is identified as inspector followup item (302/80-06-02) and will be reviewed during a subsequent inspection.

d. Documentation of Uncalibrated Equipment

The FSAR Section 1.7.6.7.1.L.5 requires that when test equipment is found out of calibration, an investigation will be conducted and documented to determine the validity of previous inspections performed and acceptability of these items previously inspected. CP 107 Section 7.4.1 states that in part that each test or inspection made during the calibration interval shall be evaluated to determine its validity and acceptability. The inspector reviewed data on two pieces of test equipment, test gauge CT 931 and clamp-on ammeter TI 133 that had been returned to the calibration shop and were found to be out of calibration. An evaluation was submitted by cognizant personnel, but the basis for this evaluation could not be documented. The licensee committed to provide a review of the necessary documentation that led to the evaluation. This review is to be done and the inspector notified of the results by April 1, 1980. Until this review is completed and the inspector notified of the results, this item is unresolved (302/80-06-03).

7. Containment Isolation Valves

In the process of closing infraction (302/79-38-01), the inspector performed a comparison of the containment isolation valves listed in Table 3.6.1 of the Technical Specifications with existing plant procedures. Many valves have no procedures that address their testing following maintenance as required by the Technical Specifications. The valves in question are MUV 23, 24, 25, 26, WDV 60, 61, MSV 146, WSV 1, 2, CFV 42, 15, 16, 29, 11 and 12. The licensee acknowledged that procedures were being developed to assure that tests required by technical specifications would be conducted if any of these valves are out of service for maintenance. This is identified as inspector followup item (302/80-06-04) pending review of the licensee procedures.

8. Plant Operations

Plant Operations were reviewed by the inspector to ascertain conformance with regulatory requirements and technical specifications.

a. Daily Activities

The inspector maintained daily awareness of plant status and significant events by frequent tours in the control room and through discussions with members of the plant staff and operating personnel. Selected portions of the various daily log books were reviewed. Observations in the control room included instrument readings and recordings and housekeeping and status of operating systems and components.

b. Plant Tours

As part of the plant operations review, the inspector toured accessible portions of the plant turbine building and auxiliary building. Observations were made regarding plant cleanliness and housekeeping and radiation control practices.

No items of noncompliance or deviations were identified.