



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

Report No. 50-302/80-03

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

Facility Name: Crystal River

Docket No. 50-302

License No. DPR-72

Inspection at Crystal River Site, near Crystal River, Florida

Inspector: J. A. Dyer
J. A. Dyer

2/1/80
Date Signed

Approved by: S. A. Elrod for
R. D. Martin, Section Chief, RONS Branch

2/1/80
Date Signed

SUMMARY

Inspection on January 14-17, 1980

Areas Inspected:

This routine, unannounced inspection involved 14 inspector-hours on site in the areas of plant operations, review of previously identified inspector items, discussion of Part 21 reports, and review of surveillance procedures.

Results:

Of the four areas inspected, no items of noncompliance or deviations were identified in three areas. One apparent item of noncompliance was identified in one area (Infraction: failure to conduct surveillance as required by technical specifications. See paragraph 6).

DETAILS

1. Persons Contacted

Licensee Employees

- *D. C. Poole, Plant Manager
- *J. C. Cooper, QA/QC Manager
- R. W. Kennedy, Compliance Supervisor
- *J. L. Bufe, Compliance Auditor
- E. K. Neuschafer, Compliance Auditor

Other licensee employees contacted during this inspection included three control room operators.

*Attended exit interview

2. Exit Interview

The inspection scope and findings were summarized on January 17, 1980 with those persons indicated in Paragraph 1 above. The item of noncompliance discussed in paragraph 6 was acknowledged by licensee management.

3. Licensee Action on Previous Inspection Findings

Not inspected

4. Unresolved Items

Unresolved items were not identified during this inspection.

5. Plant Operations

The inspector kept informed on a daily basis of the overall plant status. Plant operations were reviewed to ascertain conformance with regulatory requirements and technical specifications. This included review of shift supervisor and control operator logs, observing portions of control room activities, and touring the facility. No items of noncompliance or deviations were identified.

6. Surveillance Procedures

The licensee identified that Surveillance Procedure (SP) 140 "Incore Neutron Detector System Calibration" had not been performed in an 18 month period as required by Technical Specification 4.3.3.2b nor within the tolerance time allowed by Technical Specification 4.0.2a. The incore neutron detectors, last calibrated in September, 1977, were not calibrated by July 1979; the latest date permitted by the technical specifications. The calibration was not completed until January 14, 1980; six months past the due date. The inspector informed the licensee that failure to perform the surveillance

was an item of noncompliance. The licensee stated that since they had identified the failure to perform the surveillance on time and were submitting a nonconformance report, that this item should not be a noncompliance. The inspector stated that due to the fact that the missed surveillance was not identified until it was six months overdue and that the incore detectors are used in determining core parameters such as axial flux, radial flux and hot channel factors this item would remain an item of noncompliance. This item is an infraction (302/80-03-01).

The inspector reviewed SP 140 completed on January 14, 1980, and verified that the acceptance criteria was met.

7. Part 21 Reports

- a. The inspector discussed a report submitted by G. H. Bettis of Houston Texas identifying a problem with ASCO solenoid valves on Bettis actuators on Henry Pratt Company butterfly valves. These valves were supplied to nuclear plants for containment or related service and the environmental conditions may exceed the ratings for the solenoid valve plastic parts.

The Henry Pratt Company was to have notified all affected power plants by September 5, 1979. Crystal River was one of the plants listed, but as of January 17, 1980, they had not been notified by the Henry Pratt Company. The notification letter was to include information about qualified solenoid valves which plants may use in taking corrective action. The Crystal Power Unit 3 valves listed in the Henry Pratt letter were purge valves AHV-1A and AHV-1D. The inspector gave a copy of the Henry Pratt Company letter to the licensee. The licensee stated that they would pursue this matter and take corrective action. The inspector stated that IE would followup on this item during a future inspection (302/80-03-02).

- b. The inspector discussed a report submitted by Toledo Edison and a letter from the Terry Corporation identifying a problem on Terry turbines (Auxiliary Feed) fitted with a Woodward type PG-PL governor and equipped with a horizontally mounted steam control valve. A copy of the letters were given to the licensee. The licensee stated that although they had a Woodward type PG-PL governor, this item was not a problem at Crystal River since they had a vertically mounted steam control valve. The inspector had no further questions concerning this item.

No items of noncompliance or deviations were identified.

8. Previously Identified Inspector Items

Open (302/79-53-01) This item pertained to a potential problem with the emergency diesel generator radiator cooling fan blade pitch. The licensee stated that resolution of the item was expected by January 24, 1980.

No items of noncompliance or deviations were identified.