



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

Report No. 50-389/79-20

Licensee: Florida Power and Light Company
 9250 West Flagler Street
 Miami, Florida 33101

Inspection at St. Lucie Site near Ft. Pierce, Florida

Inspector: *A. L. Cunningham* 11/21/79
 A. L. Cunningham Date Signed

Approved by: *G. R. Jenkins* 11/23/79
 G. R. Jenkins, Acting Section Chief, FFMS Branch Date Signed

SUMMARY

Inspection on November 1-2, 1979

Areas Inspected

This inspection involved 12 inspector hours onsite in the areas of environmental protection control program; site drainage and erosion control; spoil storage and land fill management; concrete batch plant; storage of hazardous chemical wastes.

Results

Of the five areas inspected, no apparent items of noncompliance or deviations were identified in four areas; one apparent item of noncompliance was found in one area (failure to follow procedures; 50-389/79-20-01).

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DETAILS

1. Persons Contacted

Licensee Employees

- *B. J. Escue, Site Manager
- *W. M. Hayward, Quality Assurance Engineer
- *W. R. Truew, Environmental Control Engineer (EBASCO)
- *S. M. Robinson, Contract Administrator
- J. J. King, Environmental Coordinator

*Attended exit interview

2. Exit Interview

The inspection scope and findings were summarized on November 2, 1979, with those persons indicated in Paragraph 1 above.

3. Licensee Action on Previous Inspection Findings

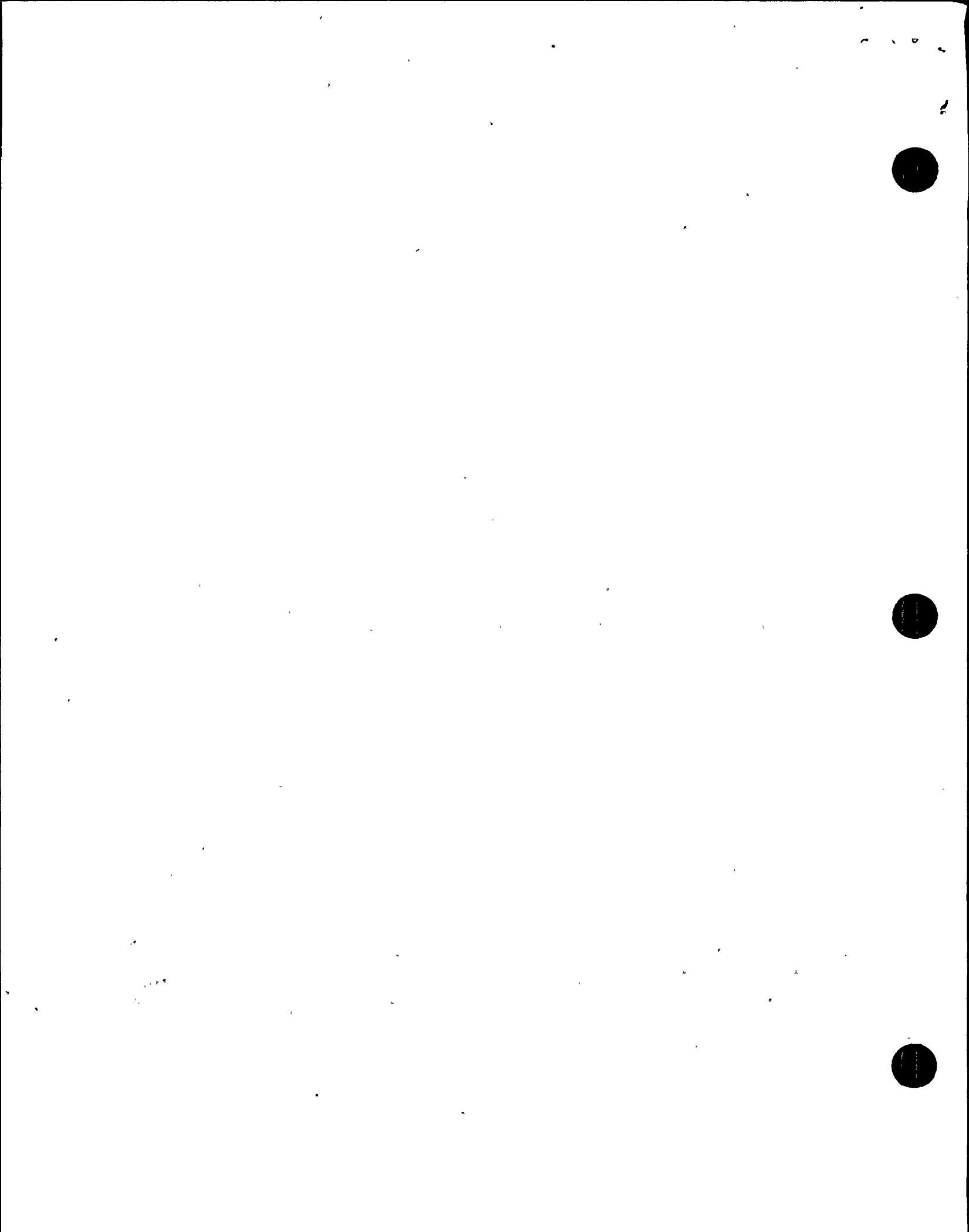
No previous inspection findings were disclosed.

4. Unresolved Items

Unresolved items were not identified during this inspection.

5. Control Program

- a. Section 3G(2) of the Construction Permit requires implementation of a control program by the licensee to provide for periodic review of all construction activities to assure conformance to the environmental conditions and commitments defined in the Permit. In response to the subject requirement, the licensee established and implemented the following controls: (1) annual QA audit of site environmental protection requirements as detailed in the Construction Permit and all references cited therein; (2) development of approved, detailed written procedures, including maintenance of daily log of environmental surveillance of construction activities, and preparation of periodic reports; (3) assignment of a construction site environmental control engineer to coordinate and implement site environmental commitments and controls.
- b. Inspection included a detailed review and discussion of Audit Report Nos. QAC-PSL-2-78-20 and QAC-PSL-2-79-12. Inspection disclosed the following: (1) The audits addressed all environmental conditions, commitments and controls defined in the Construction Permit; (2) corrective action was promptly implemented in response to the finding disclosed in Report No. QAC-PSL-2-78-20 regarding environmental orientation and training program. There were no questions regarding this item.



- c. Inspection of the control program included review and audit of the licensee's environmental procedures SQP-15, monthly reports and daily log entries for the period May 1, 1978, through October 31, 1979. Inspection disclosed that all monthly reports were submitted in accordance with the assigned procedure. Inspection also disclosed, however, that the licensee failed to follow Section 8.12.4 which defines the requirement for maintenance of a daily log of environmental surveillance activities. No log was maintained during the period October 15-17, 1979 and October 25, 1979. Licensee representatives were informed that failure to implement the subject procedure constituted an item of noncompliance (50-389/79-20-01). A licensee representative stated that an appropriate response to the citation would be submitted as required.

6. Site Inspection

- a. The following items were included in the site inspection: (1) drainage and erosion control; (2) spoil storage and construction waste management; (3) management of hazardous chemicals.
- b. Site drainage and construction wastewater was diverted to the east and west holding ponds. The above ponds overflow was diverted to a south holding zone, viz., the dead mangrove area. All wash and process effluent from the site batch plant is also diverted to the south holding zone. Inspection disclosed no apparent site drainage, runoff, or erosion problems.
- c. Inspection of the spoil storage area-immediately west of the dunes and adjacent to the mangrove area, disclosed neither major runoff nor siltation in the mangrove area. Inspection of the landfill and incinerator west of the plant disclosed no apparent problems. There were no questions regarding this item.
- d. Hazardous Chemicals Management

Site inspection disclosed a diked storage area containing packaged waste PCB's and PCB-contaminated equipment and materials recovered from Unit 2 auxiliary building transformers damaged as a consequence of the recent Hurricane David. Although the contaminated contents appeared adequately packaged and labeled, the natural drainage of the general storage area was directed into Mud Creek. The inspector contacted the FP&L Corporate Environmental Coordinator and informed him of these findings. The subject licensee representative stated that the above cited waste would be promptly removed from the plant site. This item will be reviewed during a subsequent inspection (50-389/79-20-02).