



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

Report No. 50-335/79-16

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

Facility Name: St. Lucie Unit 1

Docket No. 50-335

License No. DPR-67

Inspection at St. Lucie Plant near Fort Pierce, Florida

Inspector:

E. H. Verdery for
J. A. Dyer

7/13/79
Date Signed

Approved by:

E. H. Verdery
E. H. Verdery, Acting Section Chief

7/13/79
Date Signed

SUMMARY

Inspected on July 2, 1979.

Areas Inspected

This special, announced inspection involved 10 inspector-hours onsite in the area of review of operator working hours.

Results

Of the one area inspected, no apparent items of noncompliance or deviations were identified.

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DETAILS

1. Persons Contacted

Licensee Employees

*C. M. Wethy, Plant Manager
J. H. Ruby, Plant Administrative Supervisor

Other licensee employees contacted included 14 operators and 1 office person.

*Attended exit interview.

2. Exit Interview

The inspection scope and findings were summarized on July 2, 1979 with the person indicated in Paragraph 1 above. The inspector stated that findings on operators working hours would be evaluated.

3. Licensee Action on Previous Inspection Findings

Not inspected.

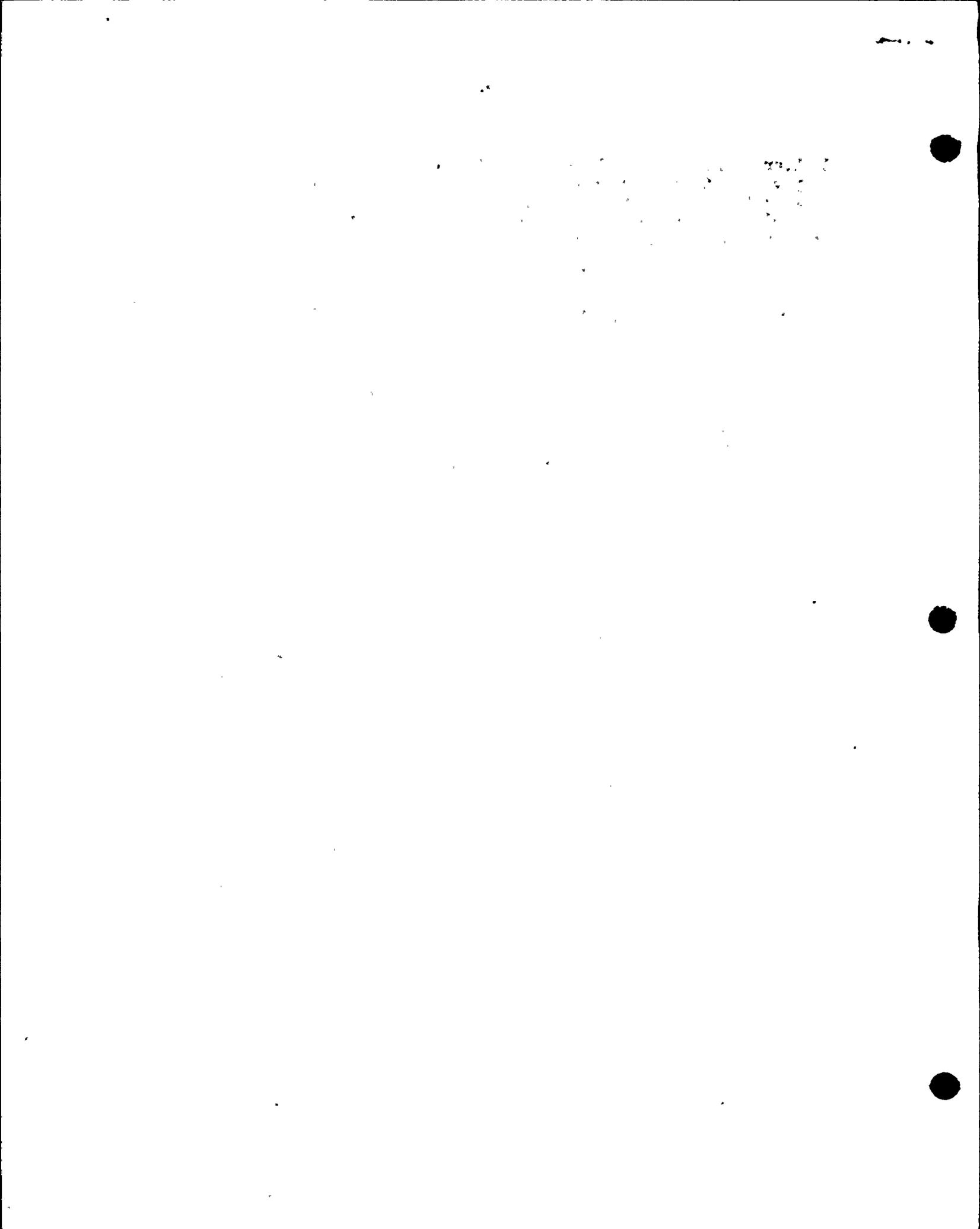
4. Unresolved Items

Unresolved items were not identified during this inspection.

5. Operator Working Hours

The inspector interviewed ten (10) licensed operators and four (4) unlicensed nuclear (auxiliary) operators. The inspector also reviewed the time records for thirteen (13) licensed operators for the period from January 1, 1979, through June 30, 1979.

During scheduled outages, the licensee schedules normal 12-hour shifts. It appears from review of records and personnel interviews that during operations, when overtime is required, it is routine to work a 16-hour shift. When a licensed operator calls in sick, and no one can be contacted to work for him, the operator on duty with the least seniority is required to work. Consequently, the operator already on duty ends up with a 16-hour shift. These 16-hour shifts occur approximately once every two weeks and, on occasion, once per week. The inspector noted at least one instance where an operator worked back to back 16-hour shifts (one shift off between the two). The union contract between Florida Power and Light (FPL) and the International Brotherhood of Electrical Workers states that no employee will be required to work more than 16 hours without immediately thereafter having 7.5 hours off duty. (This contract is for all FPL personnel of which nuclear plant operators are a small percentage.) Most operators live approximately 45 minutes from the plant. When an operator has worked a



16-hour shift and must be back for his next regular shift, he in reality only gets 4.5 to 5 hours of rest. The operators have signed an agreement between them to split an additional 8-hour shift so that no one will have to work more than 12 hours. This has not worked because the operators frequently do not answer their telephones, when they are off duty.

The sixteen (16) hour shifts appear more frequently following extended outages. The personnel interviewed stated that the 16 hours shifts also are more frequent during peak vacation periods during the summer and Christmas holidays.

Although the Nuclear Plant (auxiliary) Operators and Turbine Plant Operators are not licensed, their activities can directly affect safe operation of the facility. Based on interviews, these operators also work 16-hour shifts on occasion. (Time records for unlicensed operators were not reviewed.)

No items of noncompliance or deviations were identified.