



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

Report Nos. 50-335/80-19

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

Facility Name: St. Lucie Unit 1

Docket No. 50-335

License No. DPR-67

Inspection at St. Lucie Site, Hutchinson Island, Flordia

Inspector: G.R. Jenkins _____ 6/26/80
for D. J. Perrotti _____ Date Signed

Approved by: G.R. Jenkins _____ 6/26/80
G. R. Jenkins, Section Chief, FFMS Branch Date Signed

SUMMARY

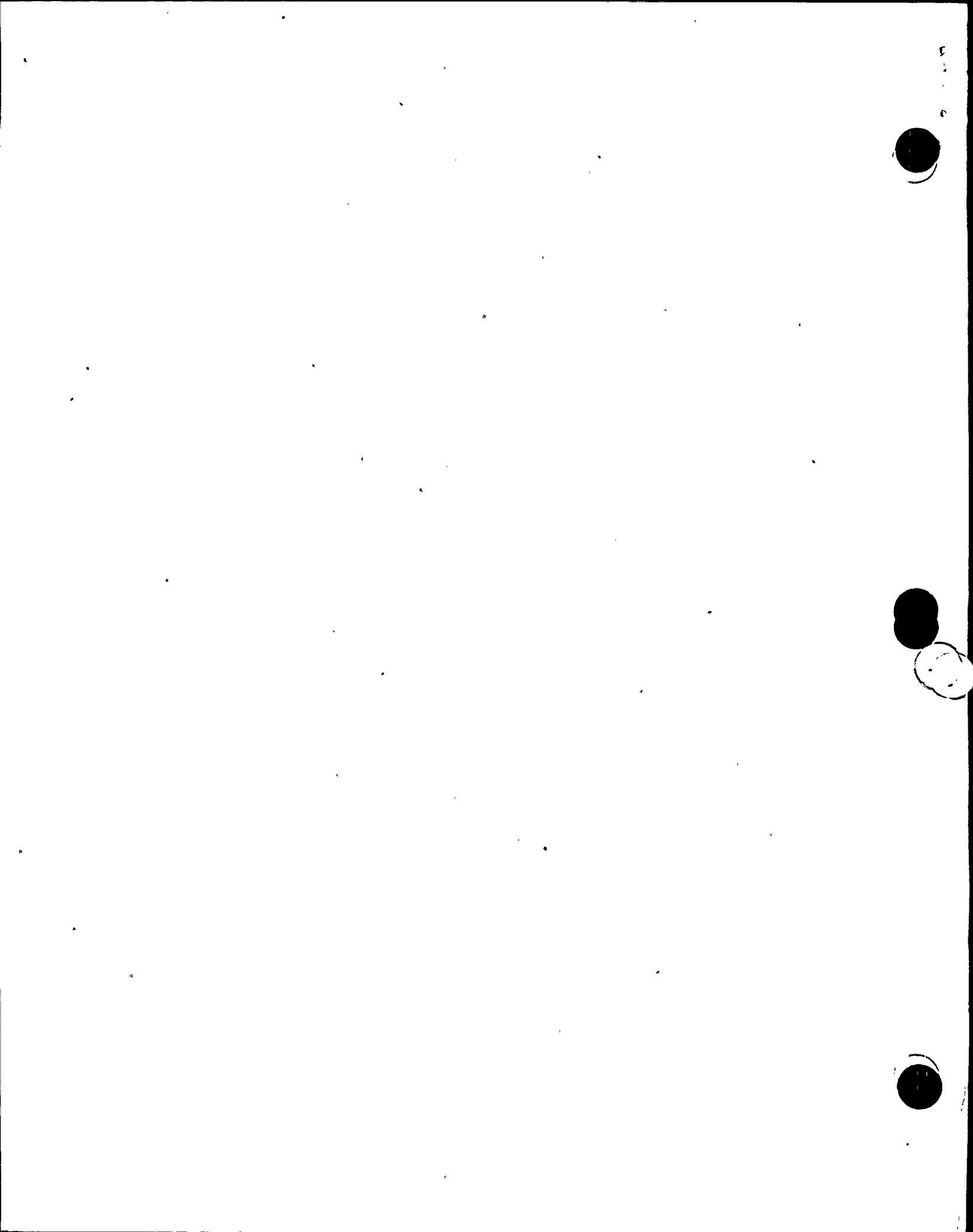
Inspection on June 9-10, 1980

Areas Inspected

This routine, unannounced inspection involved ten inspector-hours on site in the areas of follow-up on IE Bulletins and follow-up on previous inspection findings.

Results

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



DETAILS

1. Persons Contacted

Licensee Employees

*C. M. Wethy, Plant Manager
*H. F. Buchanan, Health Physics Supervisor
*J.E. Bowers, Maintenance Superintendent
*C.A. Wells, Operations Supervisor
*N. G. Roos, Quality Control Operations Supervisor
*A. W. Bailey, Quality Assurance Operations Supervisor
J. Lewis, Document Control Supervisor
G. Vaux, Quality Assurance

2. Exit Interview

The inspection scope and findings were summarized on June 10, 1980, with those persons indicated in Paragraph 1 above. With respect to the open item discussed in paragraph five of this report, the licensee agreed to revise the emergency equipment inventory procedure within thirty days.

3. Licensee Action on Previous Inspection Findings

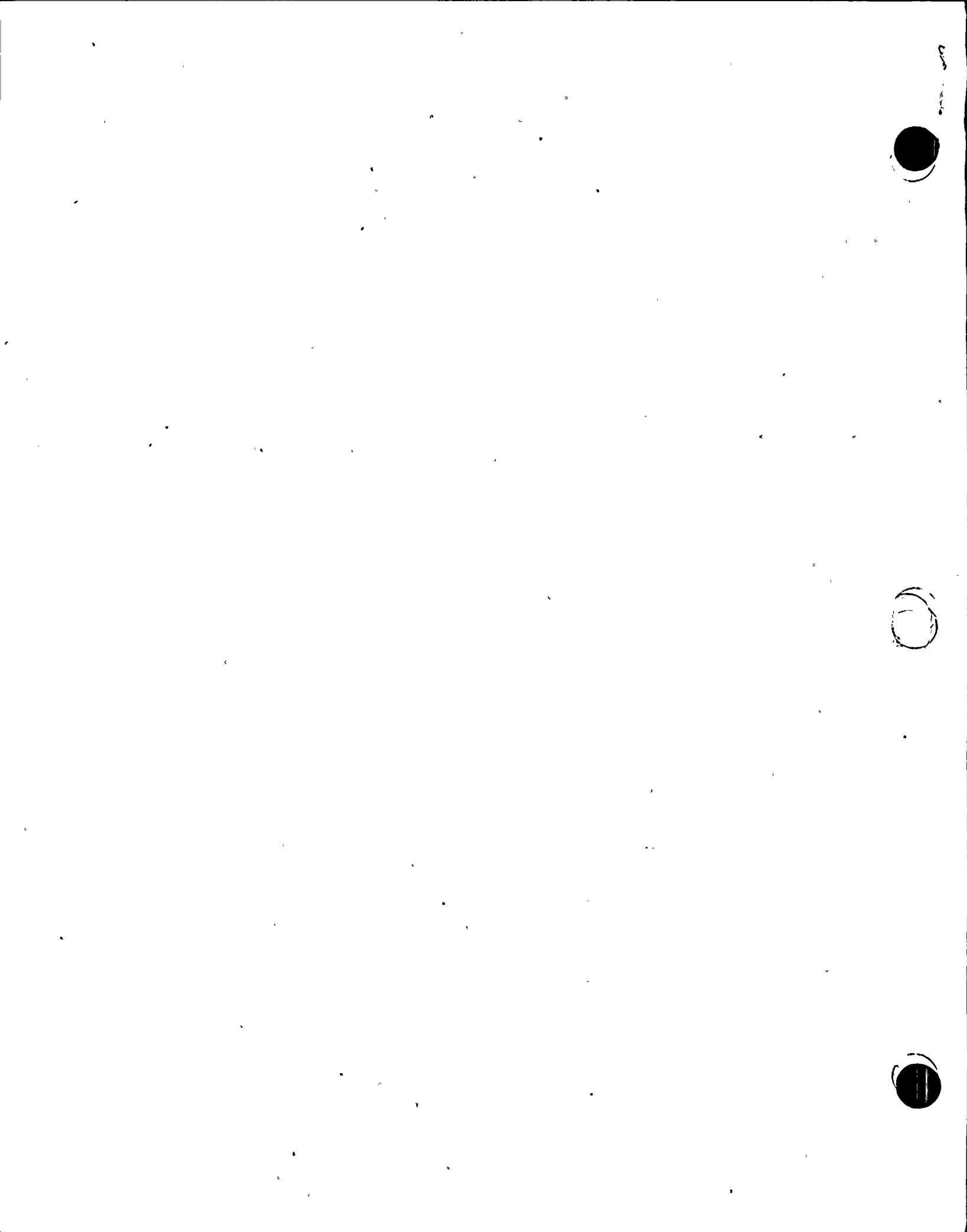
- a. (Closed) Deficiency (50-335/79-23-01) Failure to Inventory Site Assembly Station Emergency Equipment. The corrective action stated in Florida Power and Light Company's letter dated November 8, 1979, has been completed. A review of inventory records for the period September 1979 to May 1980 verified that the emergency equipment had been inventoried in accordance with procedure HP-90.
- b. (Closed) Unresolved Item (50-335/79-23-03) Corrective Action on QA Audit Identified Deficiencies. The inspector reviewed the licensee's response to QA Audit No. PSC-79-07-169 and the corrective actions taken. Further details on this matter can be found in paragraph six.

4. Unresolved Items

Unresolved items were not identified during this inspection.

5. Followup on IE Bulletin

The inspector reviewed the licensee's response to IE Bulletin 79-18, Audibility Problems Encountered on Evacuation of Personnel from High Noise Areas, and corrective actions taken were discussed with licensee representatives. The inspector discussed the modification to the communication system which consisted of an automatic override on volume control of the paging system. Additionally the inspector observed in the main control room the manual control for the volume override, which is provided as an option if required



for an evacuation announcement. The inspector asked about the audibility of the override volume in high noise areas, such as the emergency diesel generator rooms. The inspector was assured by licensee representatives at the exit interview that the evacuation alarm, when in volume override mode, could be heard in all areas of the plant. However, no documentation could be found to substantiate the licensee's statement. The Health Physics Supervisor stated that the program to identify "dead areas" in the plant would be reinstated during the next drill. It was explained that these surveys had been done prior to the modification on the page system.

The inspector acknowledged the licensee's remarks, stated that IEB 79-18 would remain open, and requested to be informed of the next drill, so that observation of the evacuation alarm audibility in high noise areas, such as the emergency diesel room when the diesels are operating, could be made by the inspector to verify the effectiveness of the modification.

During a review of Rev.2 to procedure HP-90 and completed inventories for the period September 1979 to May 1980, the inspector made the following observations: 1) Paragraph 4.5 of procedure HP-90 is general and non-specific regarding the replacement of inventory items found less than the recommended quantity 2) temporary changes on inventory items were made to the recommended quantities, and 3) temporary changes were made to the item's unit description. This overall weakness in the procedure was discussed with licensee management representatives. The inspector acknowledged that the inventories had been performed in accordance with HP-90, however, due to the non-specific wording in the procedure, items could remain at less than the "recommended quantity" for substantial periods of time. The inspector pointed out that dosimeters in the control room and dosimeters and dosimeter chargers at the FPL district office had been at less than the recommended quantities for a period of ninety days. The licensee acknowledged the inspector's remarks and agreed to update the inventory lists and revise procedure HP-90 within thirty days. The inspector stated that this open item would be reviewed during the next inspection (50-335/ 80-19-01).