



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

Report No. 50-389/82-40

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

Facility Name: St. Lucie

Docket No. 50-389

License No. CPPR-144

Inspection at St. Lucie site near Ft. Pierce, FL

Inspector: N. Merriweather 8-27-82
N. Merriweather Date Signed

Approved by: T. E. Conlon 8-27-82
T. E. Conlon, Section Chief Date Signed
Engineering Inspection Branch
Division of Engineering and Technical Programs

SUMMARY

Inspection on August 17-20, 1982

Areas Inspected

This routine, unannounced inspection involved 22.5 inspector-hours on site in the areas of instrumentation cables and terminations work and work activities, instrumentation cables and terminations QA records, and followup on licensee identified items.

Results

Of the three areas inspected, no violations or deviations were identified.

REPORT DETAILS

1. Persons Contacted

Licensee Employees

- *P. Carrier, Licensing Engineer
- *E. Case, Electrical QC Supervisor
- *D. R. Cooper, QA Engineer
- *B. J. Escue, Construction Site Manager
- *G. Marsh, Independent Safety Evaluation Group Representative

Other Organizations

- *R. A. Garramore, Senior Resident Engineer, EBASCO
- *G. E. Grace, Licensing Engineer, EBASCO
- *R. W. Zaist, Project Superintendent, EBASCO
- *J. C. Orłowski, Licensing Engineer, Combustion Engineering

*Attended exit interview

2. Exit Interview

The inspection scope and findings were summarized on August 20, 1982, with those persons indicated in paragraph 1 above. The licensee acknowledged the inspection findings.

3. Licensee Action on Previous Enforcement Matters

Not inspected.

4. Unresolved Items

Unresolved items were not identified during this inspection.

5. Instrumentation (Cables and Terminations) Observation of Work and Work Activities (52064B)

The inspector selected safety-related instrument cables 23369A-SA, 20601A-SA, 20601B-SA, 20601D-SB, 20601G-SB, 20369A-SA, and 20369E-SA for examination. The inspector reviewed the as-built cable installations to determine whether; routing was in accordance with pull cards, cabletrays were deburred, cables had adequate physical and electrical separation, cabletrays and conduits were adequately identified, correct size and type of cable was installed, raceway loading was within limits, minimum bend radius was not exceeded, and terminations were in accordance with applicable drawings.

Within the areas examined, no violations or deviations were identified.

6. Instrumentation (Cables and Terminations) Review of Quality Records (52066B)

The inspector selected safety-related instrument cables 23369A-SA, 20743Q-SB, 20743E-SB, 21119G-SA, 21119E-SA, J1A-SA, 20601B-SA, 20601G-SB, 20601D-SB, 20369A-SA, and 20369E-SA for examination to determine whether QA records reflect that work is being accomplished in accordance with NRC requirements and SAR commitments in the areas of receipt inspection, material certification, and installation. The inspector examined receipt inspection reports, material receiving reports, vendor quality compliance report, packing lists, letters of compliance, test reports, and closed nonconformance report numbers 573-41, 573-52, 573-49, and 573-50 for the cables identified above to verify that the cables were receipt inspected and certified acceptable for use by construction.

The inspector also reviewed pull cards, cable installation inspection reports and termination inspection reports to determine whether the correct size and type of cables, terminations and wireways have been installed, location and routing of wireways and conduits provide for adequate separation and protection, cables are properly identified, records of cable pulling confirm that cable pull procedures were followed, and records confirm that terminations were made properly.

Within the areas examined, no violations or deviations were identified.

7. Licensee Identified Item

(Open) Item CDR/82-05, "Diesel Generator Fuel Oil Day Tank Suction Check Valves Concern" (10 CFR 50.55(e))

The final report was submitted on May 17, 1982. The report has been reviewed and determined to be acceptable. The inspector held discussions with responsible licensee/contractor representatives and reviewed supporting documentation to determine if the corrective actions identified in the report have been completed. The equipment modifications were made on site by the vendor (Morrison-Knudsen). The vendor is required to submit a report certifying what modifications were made to the equipment. The licensee has not received the vendor's report as of the date of this inspection. Therefore, this matter remains open pending review of the vendor's report certifying the as-built condition of the affected equipment.