

APPENDIX

U.S. NUCLEAR REGULATORY COMMISSION
REGION IV

NRC Inspection Report: 50-498/88-59
50-499/88-59

Operating License: NPF-76
Construction Permit: CPPR-129

Dockets: 50-498
50-499

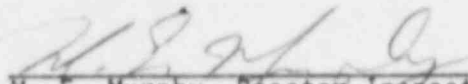
Licensee: Houston Lighting & Power Company (HL&P)
P.O. Box 1700
Houston, Texas 77001

Facility Name: South Texas Project (STP), Units 1 and 2

Inspection At: STP, Matagorda County, Texas


Inspection Conducted: September 6-9, 1988

Inspector:


M. E. Murphy, Reactor Inspector, Test Programs
Section, Division of Reactor Safety

9/19/88
Date

Approved:


W. C. Seidle, Chief, Test Programs Section
Division of Reactor Safety

9/19/88
Date

Inspection Summary

Inspection Conducted September 6-9, 1988 (Report 50-498/88-59)

Areas Inspected: No inspection of Unit 1 was conducted.

Results: Not applicable.

Inspection Conducted September 6-9, 1988 (Report 50-499/88-59)

Areas Inspected: Routine, unannounced inspection to review completed preoperational test procedures, and review the procedures for and observe the receipt and storage of new fuel.

Results: Within the areas inspected, no violations or deviations were identified.

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DETAILS1. Persons ContactedHL&P

J. Westermeyer, General Manager
J. Bailey, Manager, Engineering & Licensing
W. Willborn, Supervisor, Project Engineering
G. Parkey, Plant Superintendent
D. Parker, Startup Engineer
K. O'Gara, Project Compliance Engineer
M. Polishak, Project Compliance Engineer

NRC

J. Tapia, SRI Construction, STP
D. Garrison, RI Construction, STP
K. Kennedy, Operator Licensing Examiner, RIV

All personnel listed above attended the exit interview conducted on September 9, 1988.

The NRC inspector also interviewed other personnel during the inspection.

2. Preoperational Test Result Evaluation (IP 70400)

The NRC inspector reviewed the following completed test procedures:

- o 2-SP-P-04, "Solid State Protection System Combinational Trip Logic," Revision 0, dated March 23, 1988
- o 2-MS-P-02, "Main Steam Isolation Valves Logic Test," Revision 0, dated December 8, 1987
- o 2-HM-P-01, "Mechanical Auxiliary Building HVAC System," Revision 1, dated May 20, 1988

This review was conducted on a copy of the as-run test procedures and included the completed data packages, the test summary and evaluation, the quality assurance (QA) signoffs, all test exception reports, and test change notices. All test deficiencies were tracked from identification through disposition and retests, where required.

The review determined that the licensee is performing an adequate evaluation of test results and all test data meet established acceptance criteria or are properly dispositioned.

The licensee has an adequate procedure for correcting deficiencies and for retesting, if necessary. The licensee is following approved procedures for review, evaluation, and acceptance of test results.

No violations or deviations were identified in the review of this program area.

3. Fuel Receipt and Storage (IP 60501B)

This inspection was to determine that fuel received at the construction site was properly accepted, safeguarded, and stored in accordance with the NRC license requirements.

The NRC inspector reviewed NRC special nuclear material license (SNM) 1983 under Docket 70-3018, which was forwarded to the licensee by letter dated August 30, 1988. The license expiration date is August 31, 1993. The SNM license, in accordance with the requirements of 10 CFR 70, properly identifies the SNM custodian, describes the physical storage facility, specifies security to be implemented under the approved security plan, and defines the amount and composition of fuel material. Because of the inherent features associated with the storage configuration and procedural controls, the licensee has been granted an exemption from having a criticality alarm system. The security inspection, to confirm implementation of the licensee's security plan for safeguarding new fuel, is detailed in NRC Inspection Report 50-499/88-60.

A tour of the Fuel Handling Building (FHB) was conducted by the NRC inspector. Since the FHB is complete, the structure adequately provides for dust and debris control, flooding, and physical damage protection. The NRC inspector did observe and inform the licensee that the bottom of the truck doors in the receiving bay were not sealed and, with the negative pressure in the building, could cause dust problems. The licensee representative committed to repair the door seal and stated that this item was already on their punch list.

The NRC inspector reviewed Station Procedure OPGP03-ZL-0002, Revision 7, dated July 23, 1988, "New Fuel Receipt, Inspection, and Storage." This procedure defines the authorities and responsibilities of those individuals within the Nuclear Plant Operations Department involved in the receipt, inspection, and storage of new fuel at STP, Unit 2. It also provides the detailed instructions for receiving, inspecting, and storing the fuel as well as instructions for completing DOE/NRC Form 741, "Nuclear Material Transaction Reports."

Arrival of the first STP, Unit 2 fuel was observed by the NRC inspector. Health Physics coverage, security truck inspection, and truck movement were handled in accordance with the procedure. Offloading of the containers in the FHB were properly accomplished. Offloading, receipt inspection, and storage of the fuel elements were satisfactorily performed in accordance with the licensee's procedures.

The NRC inspector made the following observations at the exit interview. During the offloading receipt inspection, and storage of fuel elements it was noted that some personnel did not always have on the required cotton gloves; however, no one was seen handling the fuel with bare hands. The licensee should consider having personnel wear shoe covers and hair covers for added cleanliness. The licensee committed to take this matter under advisement. The receipt team should operate with more procedural formality. Since these operations are highly repetitive and therefore conducive to boredom, a more formal treatment of the procedures would ensure full procedural compliance at all steps. The licensee representative agreed to evaluate their performance in this area and take appropriate action.

No violations or deviations were identified in the review of this program area.

4. Exit Interview

An exit interview was held September 9, 1988. At the exit interview, the NRC inspector summarized the scope and findings of the inspection. The licensee did not identify, as proprietary, any of the information provided to, or reviewed by, the NRC inspector.