UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION IV
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ARLINGTON, TEXAS 76011-8064

MAR - 7 1994

MEMORANDUM FOR: South Texas Project Restart Panel Lawrence Kokajko M/S 13H15

FROM: A. Bill Beach, Director
Division of Reactor Projects, Region IV

SUBJECT: STP UNIT 1 RESTART COVERAGE PLAN - Revision 1

Region IV commenced 24 hour coverage of plant activities during the restart and power ascension of STP Unit 1 on February 15, 1994. This augmented coverage continued until March 1, 1994, following a manual trip of Unit 1 and a decision by the licensee to cool down to repair a primary to secondary leak. Shift coverage is expected to be implemented again after the unit reaches Mode 3 in preparation for startup. The 24 hour coverage will continue until the licensee has demonstrated smooth power operations. Shift coverage will be provided by one STP resident inspector and two inspectors from other sites or the regional office, standing 8 hour shifts.

The STP Unit 1 Augmented Restart Coverage Action Plan, Revision 1, is enclosed for your information. The main purpose of this revision was to add Section 7, "Assessment of Licensee Performance."

A. Bill Beach, Director, Division of Reactor Projects

Enclosure: STP Unit 1 Augmented Restart Coverage Action Plan - Rev 1

cc:
A. Howell
STP SRI
Chief, RPBA
Project Engineer, RPBA
C. Sudman

STP Unit 1 Augmented Restart Coverage Action Plan - Rev 1

A. Purpose:

The STP Unit 1 startup organization has been established to augment the normal NRC regional inspection activities in order to:

1. Provide an increased NRC inspection oversight of STP Unit 1 startup activities.

2. Allow an independent safety assessment of licensee operations.

3. Provide timely NRC staff response to operational problems or events that may occur during this period.

4. Provide a sound technical basis for determining the effectiveness of licensee management controls for safe facility operation.

B. Action:

1. Organization

The NRC augmented startup inspection organization consists of the SRI, 2 STP resident inspectors, and 2 other inspectors from other sites or the regional office.

2. Positions and Responsibilities

a. Senior Resident Inspector (SRI) - The SRI reports to the Chief, Project Branch A, and is responsible for the overall site inspection activities including:

(1) Provides recommendations to the Branch Chief concerning any additional support staff that may be required and any schedule changes.

(2) Supervises and coordinates support for the restart organization.

(3) Manages allegations in accordance with NRC policy and procedures.

(4) Provides an inspection overview of startup activities to evaluate whether results of previous STP programs have been adequately integrated to support plant startup.

(5) Maintains a weekly inspection plan for Unit 1.

(6) Assures continued inspection and assessment of Unit 2.

(7) Evaluates operational events for impact on continued plant startup.

(8) Monitors and evaluates the licensee's self assessments at the various plateaus. Participates in any related conference calls with NRC management.

(9) Coordinates shift inspection of activities and evolutions that occur over 2 or more shifts.

b. NRC Shift Inspector - responsibilities include:

(1) Inspects and monitors assigned activities in the control room and plant as directed by the SRI and in accordance with the weekly inspection plan. The shift inspectors will spend their time: in the control room; in the plant on tours; accompanying operators on rounds; observing maintenance; observing testing (any post-modification testing or post maintenance testing, physics testing in Mode 2); and observing routine surveillance testing.

(2) Provides inspection report input at the completion of the week.

(3) Maintains the NRC shift log.

(4) Ensures all items requiring followup are properly identified and logged in the shift log.

(5) Advises the SRI of plant status, licensee schedule changes and significant inspection results.

(6) Remains onsite during the entire shift period. If for some unforseen reason an on duty shift inspector finds it necessary to leave the site, the SRI will be notified and a replacement inspector will be directed to the site to assume those duties.

3. Information Flow

Proper and effective communication of both routine and problem-related information obtained by the startup organization personnel is essential to assure appropriate NRC followup actions. Most inspection or monitoring activities conducted during the startup program will be scheduled based on the anticipated facility operations. Immediate safety concerns should be identified to the appropriate licensee representative. Details of these safety concerns along with any apparent or potential violations of regulatory requirements should be promptly reported to the SRI.

Events reported to the shift inspectors can be classified generally into two categories: those for which an ENS call was made (10 CFR 50.72 reports which include emergency plan classified

events), and those that are regulatory in nature or for information only.

Safety significant events, ENS call events, and items of potential public interest will be reported promptly to the SRI. The SRI will promptly report safety significant and ENS calls along with items of potential public interest events to the Branch Chief.

An NRC staff briefing will be conducted each weekday at 7:30 a.m. to review both the recent and near-term licensee startup activities and facility operations. This meeting should be attended by the SRI and the off-going shift inspector. All reported events within the last 24 hours will be discussed. Telephone participants will normally include the Branch Chief and the NRR Project Manager.

4. STP Unit 1 Startup Inspections

Beginning with the establishment of shift coverage, all startup inspection activities will be conducted in accordance with a weekly inspection plan. The inspection plan will identify specific items to be reviewed or observed by designated individuals based on the licensee's scheduled startup activities. The weekly inspection plan will be prepared by the SRI. The plan will be updated as needed based on anticipated startup operations and general plant operation.

5. Shift Inspection Coverage

The STP startup organization will be augmented by inspectors from other NRC offices, as necessary, to support startup inspection activities. These individuals will be assigned to observe the conduct of control room operations and licensee activities performed in other plant areas. Control room activities will be monitored using inspection module 71715, Sustained Control Room and Plant Observation.

6. Inspection Documentation

While assigned to shift coverage, each inspector will maintain the shift inspection log. The purpose of this log is to record inspector observations and all significant findings or potential safety concerns. The inspector is responsible for identifying in the shift log all items requiring followup and the log should indicate the disposition of the identified concerns. All significant information exchanges with the licensee will be documented in the log. Licensee documents listed in the log will be identified in sufficient detail (procedure or record number, title, revision, issue date and completion date) for subsequent reference in the inspection reports. Each inspector is responsible for providing complete inspection report input documentation before the end of the inspection period.

7. Assessment of Licensee Performance

At the 50% and 100% power plateaus, the NRC staff will perform assessments of licensee performance to date. These assessments will be coordinated by DRP RPBA. Inputs will be solicited from DRS, DRSS, and NRR. Results of these assessments will be reviewed by the STP Restart Panel and will be documented in memoranda from the Director, DRP to the Regional Administrator.

Areas to be assessed are listed below. These include the SALP functional areas, certain restart issues, and issues raised by the ORAT inspection. Other restart issues have been closed and do not require continuing followup.

SALP Areas
- Operations
- Plant Support
- Maintenance/Surveillance
- Engineering/Technical Support

Other Issue Areas
- Corrective Action
- Configuration Management
- Service Request Backlogs
- Post-maintenance Testing
- Engineering Backlogs
- Operations Staffing
- Management Effectiveness dealing with Problems