

October 26, 1998

MEMORANDUM TO: John N. Hannon, Director
Project Directorate IV-1
Division of Reactor Projects III/IV
Office of Nuclear Reactor Regulation

FROM: Thomas W. Alexion
Project Directorate IV-1
Division of Reactor Projects III/IV
Office of Nuclear Reactor Regulation
Original signed by:

SUBJECT: FORTHCOMING MEETING WITH STP NUCLEAR OPERATING COMPANY

DATE & TIME: Monday and Tuesday, November 9 and 10, 1998
8:00 a.m. - 5:00 p.m.

LOCATION: South Texas Project Nuclear Support Center
(Southwest of Bay City, Texas)

PURPOSE: To obtain information from the licensee for NRC's proposed risk-informed inspection and assessment programs (agenda attached).

PARTICIPANTS:* NRC UTILITY
P. Prescott R. Grantom, et al.
R. Lloyd, et al.

Docket Nos. 50-498
and 50-499

cc: See next page

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*Meetings between NRC technical staff and applicants or licensees are open for interested members of the public, petitioners, intervenors, or other parties to attend as observers pursuant to "Commission Policy Statement on Staff Meetings Open to the Public" 59 Federal Register 48340, 9/20/94.

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STP Nuclear Operating Company

South Texas, Units 1 & 2

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**INFORMATION GATHERING FOR NRC'S RISK-INFORMED
INSPECTION AND ASSESSMENT PROGRAMS**

November 9 - 10, 1998

OBJECTIVES

- 1 Obtain information from the licensee for the proposed NRC risk-Informed inspection and assessment programs by gaining an understanding of the licensee's risk feedback and corrective action programs through interviews and presentations provided by licensee personnel.
- 2 Obtain information from the licensee as to how risk performance information could be used to partially or largely replace plant performance information that is currently being obtained through the NRC's core inspection program.
- 3 Obtain information from the licensee as to when increased licensee and NRC audit/inspection activities would be appropriate based on risk performance information.
- 4 Obtain information regarding risk-informed performance indicators used by South Texas, to include data availability, confidence levels, leading vs lagging, etc.

ONSITE INFORMATION GATHERING PROCESS

Have the licensee provide a presentation on their Risk and Reliability system. Include information regarding its evolution over time, its capabilities, and the confidence of its risk calculations.

Have the licensee focus presentations using actual examples associated with the top five risk/safety significant systems as identified by the licensee's Maintenance Rule Program.

Have the licensee correlate output from their Risk and Reliability system with actual operating experience/material condition and the component, train, and system availability (for the top five risk/safety significant systems). Include presentations by licensee system engineers for the systems discussed.

Have the licensee discuss established or proposed performance indicators that are used to determine risk during operations or shutdown conditions. Include a presentation on how the various risk performance indicator thresholds were established, and the necessary actions to lower risk to an acceptable level.

Have the licensee discuss how the licensee's work control/problem identification/corrective action program is used in the risk assessment process.

ATTACHMENT

Presentations should be provided by licensee PRA experts, System Engineers, and operators as appropriate.

DOCUMENTATION REQUESTS PRIOR TO TRIP

Program documents and procedures developed to implement cornerstone assessment loop

System Health Reports

Problem Identification/Corrective Action Program documents

Risk and Reliability program procedures

Licensee Lessons Learned Information

NRC PARTICIPANTS

Ron Lloyd

Pete Prescott, et al.