

Quality Assurance Safety Evaluation

Seabrook Station, Units 1 and 2

As a result of Public Service Company of New Hampshire's submittal of Amendment 53 which affects our previous SER organizational description for the operation of the Seabrook Station, it is necessary that section 17.2 "Organization," 17.4 "Conclusions" and the QA organization chart Figure 17.1 be replaced by the following supplement

17.2 Organization

The organization responsible for the operation of Seabrook station and for the establishment and execution of the operations phase QA program is shown in Figure 17.1. The Public Service of New Hampshire (PSNH) President, has delegated to the New Hampshire Yankee (NHY) President, a division within the Public Service Company of New Hampshire, the direct responsibility for operation, maintenance, modification and refueling of the Seabrook Station, Units 1 and 2. The NHY Vice President of Nuclear Production reports through the NHY Senior Vice President to the NHY President and is responsible for the operation and operational support of the Seabrook Station, Units 1 and 2 including quality assurance functions. The Seabrook Station Manager, the Nuclear Quality Manager, and other support groups report to the NHY Vice President of Nuclear Production. The Nuclear Quality Manager is in charge of the Quality Assurance Department which consists of a Quality Assurance Section, an Audit and Evaluation Section and a Quality Control Section.

The Nuclear Quality Manager has been delegated the authority for establishing QA program requirements, verifying implementation, and measuring the overall effectiveness of the QA program. The Nuclear Quality Manager and his staff (which presently consists of 28 persons) have the responsibility and authority to stop unsatisfactory work and control further processing, delivery, or installation of nonconforming material.

The QA organization has the authority to (1) identify quality problems; (2) initiate, recommend, or provide solutions through designated channels; (3) verify implementation of solutions; and (4) stop unsatisfactory work and control further processing, delivery, or installation of nonconforming items. The QA organization is responsible for (1) reviewing and concurring with documents affecting safety; (2) verifying inplant activities by surveillance inspections and examinations; (3) evaluating suppliers before contracts are awarded; (4) inspecting suppliers' facilities; (5) ensuring that personnel qualifications are current and applicable to the work being performed; (6) ensuring that corrective actions are effective and accomplished in a timely manner; and (7) conducting (a) internal audits of maintenance, modification, and operations activities and (b) external audits of suppliers activities.

The Seabrook Station Manager reports to the Vice President-Nuclear Production and is responsible for (1) ensuring the safe, reliable, and efficient operation of the plant and (2) ensuring that quality affecting activities are conducted in accordance with the QA program. Disputes on any QA matter that arise between QA/QC and other departments are resolved by the management of the involved organizations or, if necessary, with the NHY Vice President of Nuclear Production.

17.3 Quality Assurance Program

The SER previously submitted on this subject is still valid.

17.4 Conclusion

Based on its detailed review and evaluation of the QA program as described in FSAR Section 17.2, the staff concludes

- (1) The organizations and persons performing QA functions have the required independence and authority to effectively carry out the QA program without undue influence from those directly responsible for cost and schedules.
- (2) With the exception of the outstanding issue described in Section 17.5, the QA program describes requirements, procedures, and controls that, when properly implemented, comply with the requirements of Appendix B to 10 CFR 50 and with the acceptance criteria in SRP 17.2.

Accordingly, the staff concludes that the applicant's description of the QA program, with the exception of the outstanding issue noted below is in compliance with applicable NRC regulations.

17.5 Outstanding QA Issues

The staff is evaluating the listing of those structures, systems, and components that are under the control of the QA program. The results of this review will be included in a supplement to this SER.

