

U. S. NUCLEAR REGULATORY COMMISSION
OFFICE OF INSPECTION AND ENFORCEMENT
REGION I

IE Inspection Report No:	<u>50-29/75-06</u>	Docket No:	<u>50-29</u>
Licensee:	<u>Yankee Atomic Electric Company</u>	License No:	<u>DPR-3</u>
	<u>20 Turnpike Road</u>	Priority:	<u></u>
	<u>Westboro, Massachusetts 01581</u>	Category:	<u>C</u>
	<u></u>	Safeguards Group:	<u></u>
Location:	<u>Rowe, Massachusetts 01367</u>		
Type of Licensee:	<u>PWR, 600 MWt (W)</u>		
Type of Inspection:	<u>Routine, Announced</u>		
Dates of Inspection:	<u>May 6-7, 1975</u>		
Dates of Previous Inspection:	<u>May 5, 1975</u>		
Reporting Inspector:	<u>J. F. Streeter, Reactor Inspector</u>		<u>DATE</u>
Accompanying Inspectors:	<u>None</u>		<u>DATE</u>
	<u></u>		<u>DATE</u>
	<u></u>		<u>DATE</u>
Other Accompanying Personnel:	<u>None</u>		<u>DATE</u>
Reviewed By:	<u>A. B. Davis, Senior Reactor Inspector</u>		<u>DATE</u>
	<u>PWR Section, Reactor Operations Branch</u>		<u>1/7/75</u>

8011050 726

SUMMARY OF FINDINGS

Enforcement Action

A. Items of Noncompliance

None

B. Deviations

None

Licensee Action on Previously Identified Enforcement Items

Not inspected

Design Changes

Not inspected

Unusual Occurrences

Not applicable

Other Significant Findings

A. Current Findings

1. Acceptable Areas

Nuclear Safety Audit and Review Committee Activities (Detail 2).

2. Unresolved Items

None

3. Items of Noncompliance Identified by the Licensee

None

B. Status of Previous Unresolved Items

The following previous item was reviewed and is considered resolved:

Potential Conflict Between Technical Specifications and
NSARC Charter. (Detail 2.b.)

Management Interview

A management interview was held at the conclusion of the inspection with Mr. D. B. Pike at Yankee Atomic Electric Company Southboro office.

Items Discussed

A. Purpose of the Inspection*

The inspector stated that the purpose of the inspection was to review the activities of the Nuclear Safety Audit and Review Committee for the period May 1974 through April 1975 by examining detailed documentation to support the summary findings in NSARC meeting minutes.

B. Review of Previous Unresolved Items

The item discussed is as identified in the "Status of Previous Unresolved Items" section of this report.

C. Nuclear Safety Audit and Review Committee Activities

The items discussed are as identified in Details 2 of this report.

* This inspection was conducted concurrently with IE:I Inspection 50-309/75-06 (Maine Yankee Facility.)

DETAILS

1. Persons Contacted

Yankee Atomic Electric Company

Mr. D. W. Edwards - Senior Operations Engineer
Mr. J. R. Fitch - Associate Engineer
Mr. J. L. French - Manager of Operations
Mr. L. H. Heider - Assistant Vice President
Mr. E. W. Jackson, Jr., - Senior Operations Engineer
Mr. W. P. Johnson, Vice President
Mr. K. L. Kniskern - Manager of Security
Mr. R. L. Martin - Operational Quality Control & Audit Engineer
Mr. R. M. Mitchell - Technician
Mr. D. B. Pike - Manager, Operational Quality Control & Audit (also
Chairman, Nuclear Safety Audit & Review Committee)
Mr. R. E. M. Reid - Operations Engineer
Mr. P. J. Swanson - Senior Operations Engineer
Mr. R. T. Turcotte - Draftsman
Mr. D. E. Vandenburg, Senior Vice President
Mr. J. W. Wellings - Associate Engineer

2. Nuclear Safety Audit and Review Committee (NSARC) Activities

a. General

The purpose of the Committee is to review and/or audit all aspects of plant safety. The requirements for the NSARC are set forth in Technical Specification D.1. and the Yankee Rowe Operational Quality Assurance Manual, Section II.D.

The inspector reviewed documentation supporting Committee findings summarized in meeting minutes to enable him to determine if the NSARC was meeting the above requirements during the interval May 1974 through April 1975.

- b. The inspector reviewed (1) a November 25, 1974, memorandum to file from the NSARC Chairman on the subject of NSARC membership, and (2) the resumes of all NSARC members. The inspector determined that the composition of the committee membership and the qualifications of the members exceeded the requirements of the documents in 2.a. above.

The Technical Specifications require that (1) the Committee membership include three Yankee Engineering Department Heads and one person from the supervisory staff of each Yankee Nuclear Power Plant or Project, and (2) a majority of the members shall constitute a quorum. Although these requirements are not specifically stated in the Committee Charter, they are being satisfied and the NSARC Chairman understands that they must continue to be satisfied. The item documented in IE:I Inspection Report 50-29/74-16, Detail 5.a.(2), is resolved.

c. Meeting Frequency and Quorum

Previous reviews by the inspector of Committee minutes and a review during this inspection of recently issued minutes enabled the inspector to determine that the NSARC is meeting at the frequency and with the quorum required by the Technical Specifications.

d. Records

The inspector determined that maintenance of records of NSARC meetings, including supporting documentation, and distribution of meeting minutes were being accomplished in accordance with the Technical Specifications and QA Manual.

e. Responsibilities

Meeting minutes and supporting documentation indicate that the NSARC, in accordance with the QA Manual, is

- (1) Reviewing all proposed changes to the Operating License and Technical Specifications.
- (2) Reviewing all Plant Operations Review Committee meeting minutes and making a determination if matters considered by the PORC involve unreviewed or unresolved safety questions.
- (3) Reviewing all proposed changes and modifications to plant systems or equipment having safety significance.
- (4) Reviewing all reported instances of violations of Technical Specifications.
- (5) Reviewing all proposed tests and experiments.

(6) Reviewing all abnormal occurrences and other unusual occurrences and incidents.

(7) Periodically auditing plant operations.

f. NSARC Audit Program

The NSARC is responsible for periodically auditing plant operations as indicated in 2.e.(7) above. To accomplish this, the NSARC conducts audits of all quality assurance activities that it considers to have a direct affect upon the plant. These audited activities are

- In Plant Audit Program
- Control Room Log Book
- Plant Design Changes
- Engineering Design Changes
- Action Taken or Material Purchase and Service Requests
- Action Taken or Abnormal Occurrences
- Action Taken or PORC Recommendations
- Action Taken in Response to NRC Enforcement Letters
- Action Taken on Proposed Changes to the FSAR and Technical Specifications

The NSARC audit program is implemented in accordance with a document entitled "Nuclear Safety Audit and Review Committee Audit Program," Revision 1, dated September 20, 1974. This document provides for the scheduling of audits and includes a procedure for conducting and documenting audits.

The inspector examined all reports of NSARC audits conducted in the interval May 1974 through April 1975. The inspector determined that

- (1) The audits were conducted in accordance with a written procedure and check lists.
- (2) The audits were conducted by members of the NSARC who did not have direct responsibility in the area audited.
- (3) Audit results were documented and distributed to all NSARC members. Plant and corporate management were apprised of audit findings.
- (4) Followup action on audit discrepancies has either been taken or was being taken.
- (5) An audit schedule was issued.

g. Corporate Management Involvement in NSARC Activities

The inspector reviewed minutes of meetings conducted on July 12 and November 18, 1974, and January 31, 1975. These are part of a program established by the licensee to provide senior corporate management an opportunity each quarter to review the NSARC activities. Since NSARC is involved in auditing quality assurance activities directly affecting the plant, this also gives management the opportunity to review the effectiveness of the quality assurance program. The meeting minutes and discussions with the Manager of Operational Quality Control and Audit (this person is also the NSARC Chairman) indicate that corporate management is taking an active role in assessing the effectiveness of both the NSARC and the Quality Assurance Program.

h. Inspector Comments

- (1) The inspector stated that there were many instances in the meeting minutes where the NSARC would review an item and then make statements such as "Recommendations - None," "No recommendations to make," or "Reviewed without comment." The inspector asked the NSARC Chairman if these statements indicated that the NSARC concurred with the item reviewed. The Chairman stated that it did. The inspector had no further questions concerning this matter.
- (2) The inspector stated that the NSARC audits for the annual cycle May 1974 - May 1975 were scheduled such that they were allowed to be conducted over a period of about 2 weeks. The NSARC Chairman said he had recognized this and was going to schedule the next audit cycle so that audits would be evenly distributed over the cycle. The inspector had no further questions concerning this matter.
- (3) The inspector stated that his review of NSARC activities indicated that the Committee was doing an effective job in meeting the Technical Specification and Quality Assurance Program requirements.