

Docket No. 50-245
BI4694

Attachment 1
Millstone Unit No. 1
Proposed Revision to Technical Specifications
Administrative Changes
Markup Pages

December 1993

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TABLE OF CONTENTS

| | | <u>Page No.</u> |
|-------|--|-----------------|
| 1.0 | DEFINITIONS | 1-1 |
| | <u>SAFETY LIMITS</u> <u>LIMITING SAFETY SYSTEM SETTINGS</u> | |
| 2.1.1 | FUEL CLADDING INTEGRITY..... 2.1.2 | 2-1 |
| 2.2.1 | REACTOR COOLANT SYSTEM..... 2.2.2 | 2-7 |
| | <u>LIMITING CONDITIONS FOR OPERATION</u> <u>SURVEILLANCE REQUIREMENT</u> | |
| 3.0 | GENERAL | 3/4 0-1 |
| 3.1 | REACTOR PROTECTION SYSTEM | 3/4 1-1 |
| 3.2 | PROTECTIVE INSTRUMENTATION | 3/4 2-1 |
| | A. Primary Containment Isolation Functions | 3/4 2-1 |
| | B. Emergency Core Cooling Subsystems Actuation | 3/4 2-1 |
| | C. Control Rod Block Actuation | 3/4 2-1 |
| | D. Air Ejector Off-Gas System..... | 3/4 2-12 |
| | E. Reactor Building Ventilation, Steam Tunnel Ventilation Isolation, and Standby Gas Treatment System Initiation | 3/4 2-12 |
| 3.3 | REACTIVITY CONTROL | 3/4 3-1 |
| | A. Reactivity Limitations | 3/4 3-1 |
| | B. Control Rod Withdrawal | 3/4 3-3 |
| | C. Scram Insertion Times | 3/4 3-5 |
| | D. Control Rod Accumulators | 3/4 3-7 |
| | E. Reactivity Anomalies | 3/4 3-8 |
| | F. Shutdown Requirements | 3/4 3-8 |
| | G. Thermal Power Core Flow | 3/4 3-8 |
| 3.4 | STANDBY LIQUID CONTROL SYSTEM | 3/4 4-1 |
| | A. Normal Operation | 3/4 4-1 |
| | B. Operation with Inoperable Components | 3/4 4-3 |
| | C. Boron Requirements | 3/4 4-4 |
| | D. Shutdown Requirement | 3/4 4-4 |

Isolation

Millstone Unit 1
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| | <u>Surveillance</u> | <u>Page No.</u> |
|---|---------------------|-----------------|
| 3.5 CORE AND CONTAINMENT COOLING SYSTEMS | 4.5 | 3/4 5-1 |
| A. Core Spray and LPCI Subsystems | A | 3/4 5-1 |
| B. Containment Cooling Subsystems | B | 3/4 5-3 |
| C. FWCI Subsystem | C | 3/4 5-5 |
| D. Automatic Pressure Relief Subsystems | D | 3/4 5-6 |
| E. Isolation Condenser System | E | 3/4 5-7 |
| F. Minimum Core and Containment Cooling System Availability | F | 3/4 5-8 |
| G. Ultimate Heat Sink | G | 3/4 5-10 |
| 3.6 PRIMARY SYSTEM BOUNDARY | 4.6 | 3/4 6-1 |
| A. Thermal Limitations | A | 3/4 6-1 |
| B. Pressurization Temperature | B | 3/4 6-2 |
| C. Coolant Chemistry | C | 3/4 6-5 |
| D. Coolant Leakage | D | 3/4 6-11 |
| E. Safety and Relief Valves | E | 3/4 6-11 |
| F. Structural Integrity | F | 3/4 6-12 |
| G. Jet Pumps | G | 3/4 6-13 |
| H. Recirculation Pump Flow Mismatch | H | 3/4 6-14 |
| I. Snubbers | I | 3/4 6-15 |
| J. Condensate Demineralizers | J | 3/4 6-18 |
| K. Mechanical Condenser Vacuum Pump | K | 3/4 6-18 |
| 3.7 CONTAINMENT SYSTEMS | 4.7 | 3/4 7-1 |
| A. Primary Containment | A | 3/4 7-1 |
| B. Standby Gas Treatment System | B | 3/4 7-10 |
| C. Secondary Containment | C | 3/4 7-13 |
| D. Primary Containment Isolation Valves | D | 3/4 7-14 |
| 3.8 RADIOACTIVE MATERIALS | 4.8 | 3/4 8-1 |
| A. Radioactive Liquid Effluent Instrumentation | A | 3/4 8-1 |
| B. Radioactive Gaseous Effluent Instrumentation | B | 3/4 8-6 |
| C. Radioactive Liquid Effluents | C | 3/4 8-12 |
| D. Radioactive Gaseous Effluents | D | 3/4 8-14 |
| 3.9 AUXILIARY ELECTRICAL SYSTEM | 4.9 | 3/4 9-1 |
| 3.10 REFUELING AND SPENT FUEL HANDLING | 4.10 | 3/4 10-1 |
| A. Refueling Interlocks | A | 3/4 10-1 |
| B. Core Monitoring | B | 3/4 10-2 |
| C. Fuel Storage Pool Water Level | C | 3/4 10-3 |
| D. Crane Operability | D | 3/4 10-3 |
| E. Crane Interlocks and Switches | E | 3/4 10-3 |

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MONITORING

TRAVEL WITH A SPENT FUEL CASK

| | <u>Surveillance</u> | <u>Page No.</u> |
|---|---------------------|-----------------|
| 3.11 POWER DISTRIBUTION LIMITS | 4.11 | 3/4 11-1 |
| A. Average Planar Linear Heat Generation Rate (APLHGR)..... | A | 3/4 11-1 |
| B. Linear Heat Generation Rate (LHGR)..... | B | 3/4 11-2 |
| C. Minimum Critical Power Ratio (MCPR)..... | C | 3/4 11-3 |
| 3.12 DELETED | | 3/4 12-1 |
| 3.13 INSERVICE INSPECTION | 4.13 | 3/4 13-1 |
| 3.14 PLANT SYSTEMS | 4.14 | 3/4 14-1 |
| 5.0 DESIGN FEATURES | | 5-1 |
| 6.0 ADMINISTRATIVE CONTROLS | | 6-1 |
| 6.1 Responsibility | | 6-1 |
| 6.2 Organization | | 6-1 |
| 6.3 Facility Staff Qualifications | | 6-2 |
| 6.4 Training | | 6-5 |
| 6.5 Review and Audit | | 6-5 |
| 6.6 Reportable Event Action | | 6-14 |
| 6.7 Safety Limit Violation | | 6-14 |
| 6.8 Procedures | | 6-15 |
| 6.9 Reporting Requirements | | 6-16 |
| 6.10 Record Retention | | 6-20 |
| 6.11 Radiation Protection Program | | 6-21 |
| 6.12 High Radiation Area | | 6-21 |
| 6.13 Systems Integrity | | 6-22 |
| 6.14 Iodine Monitoring | | 6-22 |
| 6.15 Radiological Effluent Monitoring and Offsite Dose Calculation Manual (REMO DCM) | | 6-23 |
| 6.16 Radioactive Waste Treatment | | 6-24 |
| 6.17 Postaccident Sampling/Sampling and Analysis of Plant Effluents | | 6-24 |

ADMINISTRATIVE CONTROLS

6.1 RESPONSIBILITY *Senior Vice President - Millstone Station*

6.1.1 The ~~Nuclear Station Director~~ shall be responsible for overall operation of the Millstone Station Site while the Nuclear Unit Director shall be responsible for operation of the unit. The ~~Nuclear Station Director~~ and Nuclear Unit Director shall each delegate, in writing, the succession to these responsibilities during their absence.

6.2 ORGANIZATION

6.2.1 OFFSITE AND ONSITE ORGANIZATIONS

Onsite and offsite organizations shall be established for unit operation and corporate management, respectively. The onsite and offsite organizations shall include the positions for activities affecting the safety of the nuclear power plant.

- a. Lines of authority, responsibility, and communication shall be established and defined for the higher management levels through intermediate levels to and including all operating organization positions. These relationships shall be documented and updated, as appropriate, in the form of organization charts, functional descriptions of departmental responsibilities and relationships, and job descriptions for key personnel positions, or in equivalent forms of documentation. These requirements shall be documented in the Quality Assurance Topical Report.
- b. *Senior Vice President - Millstone Station*
The ~~Nuclear Station Director~~ shall be responsible for overall unit safe operation and shall have control over those onsite activities necessary for safe operation and maintenance of the plant.
- c. The Executive Vice President-Nuclear shall have corporate responsibility for overall plant nuclear safety and shall take any measures needed to ensure acceptable performance of the staff in operation, maintaining, and providing technical support to the plant to ensure nuclear safety.
- d. The individuals who train the operating staff and those who carry out health physics and quality assurance functions may report to the appropriate onsite manager; however, they shall have sufficient organizational freedom to ensure their independence from operating pressures.

6.2.2 FACILITY STAFF

- a. Each on duty shift shall be composed of at least the minimum shift crew composition shown in Table 6.2-1.
- b. At least one licensed Operator shall be in the control room when fuel is in the reactor.
- c. At least two licensed Operators shall be present in the control room during reactor start-up, scheduled reactor shutdown and during recovery from reactor trips.

ADMINISTRATIVE CONTROLS

6.4 TRAINING

Senior Vice President - Millstone Station

- 6.4.1 A retraining and replacement training program for the facility staff shall be maintained under the direction of the ~~Nuclear Station~~ Director and shall meet or exceed the requirements and recommendations of Section 5.5 of ANSI N18.1-1971 and 10 CFR Part 55.59. The Director-Nuclear Training has the overall responsibility for the implementation of the Training Program.

6.5 REVIEW AND AUDIT

6.5.1 Plant Operations Review Committee (PORC)Function

- 6.5.1.1 The PORC shall function to advise the Nuclear Unit Director on all matters related to nuclear safety.

Composition

- 6.5.1.2 The PORC shall be composed of the:

| | |
|----------------------------|--|
| Chairperson: | Nuclear Unit Director |
| Vice Chairperson & Member: | Operations Manager |
| Member: | Maintenance Manager |
| Member: | Instrument and Controls Manager |
| Member: | Reactor Engineer |
| Member: | Radiation Protection Supervisor or Chemistry Supervisor |
| Member: | Engineering Manager |
| Member: | Staff Engineer |

Alternates

- 6.5.1.3 Alternate members shall be appointed in writing by the PORC Chairperson to serve on a temporary basis; however, no more than two alternates shall participate in PORC activities at any one time.

ADMINISTRATIVE CONTROLSMeeting Frequency

- 6.5.1.4 The PORC shall meet at least once per calendar month and as convened by the PORC Chairperson.

Quorum

- 6.5.1.5 A quorum of the PORC shall consist of the Chairperson, or Vice Chairperson, or ~~Nuclear Station Director~~ and four members including alternates.

Executive Vice President - Millstone Station

Responsibilities

- 6.5.1.6 The PORC shall be responsible for:
- a. Review of 1) all procedures, except common site procedures, required by Specification 6.8 and changes thereto, 2) any other proposed procedures, or changes thereto, as determined by the Nuclear Unit Director to affect nuclear safety.
 - b. Review of all proposed tests and experiments that affect nuclear safety.
 - c. Review of all proposed changes to Sections 1.0 - 5.0 of these Technical Specifications.
 - d. Review of all proposed changes or modifications to plant systems or equipment that affect nuclear safety.
 - e. Investigation of all violations of the Technical Specifications and preparation and forwarding of a report covering evaluation and recommendations to prevent recurrence to the Executive Vice President-Nuclear and to the Chairperson of the Nuclear Review Board.
 - f. Review of all REPORTABLE EVENTS.
 - g. Review of facility operations to detect potential safety hazards.
 - h. Performance of special reviews and investigations and reports thereon as requested by the Chairperson of the Nuclear Review Board.
 - i. Render determinations in writing if any item considered under 6.5.1.6(a) through (d) above, as appropriate and as provided by 10CFR50.59 or 10CFR50.92, constitutes an unreviewed safety question or requires a significant hazards consideration determination.
 - j. Review of the unit-specific Fire Protection Program and implementing procedures.

ADMINISTRATIVE CONTROLS

Authority

6.5.1.7 The PORC shall:

a. Recommend to the Nuclear Unit Director written approval or disapproval of items considered under 6.5.1.6(a) through (d) above.

Senior Vice President - Millstone Station

b. Provide immediate written notification to the Nuclear Station Director, Executive Vice President-Nuclear and the Chairperson of the Nuclear Review Board of disagreement between the PORC and the Nuclear Unit Director; however, the Nuclear Unit Director shall have responsibility for resolution of such disagreements pursuant to 6.1.1 above.

Records

6.5.1.8 The PORC shall maintain written minutes of each meeting and copies shall be provided to the Nuclear Station Director, Executive Vice President-Nuclear and Chairperson of the Nuclear Review Board.

Senior Vice President - Millstone Station

6.5.2 Site Operations Review Committee (SORC)

Function

6.5.2.1 The SORC shall function to advise the Nuclear Station Director on all matters related to nuclear safety of the entire Millstone Station Site.

Senior Vice President - Millstone Station

Composition

6.5.2.2 The SORC shall be composed of the:

Senior Vice President - Millstone Station

- Chairperson: Nuclear Station Director
- Vice Chairperson: Senior Nuclear Unit Director in attendance
- Member: Unit 1 Director
- Member: Unit 2 Director
- Member: Unit 3 Director
- Member: Unit Services Director
- Member: Site Services Director
- Member: Designated Member of Unit 1 PORC
- Member: Designated Member of Unit 2 PORC
- Member: Designated Member of Unit 3 PORC
- Member: Supervisor Plant Quality Services

Alternates

6.5.2.3 Alternate members shall be appointed in writing by the SORC Chairperson to serve on a temporary basis; however, no more than two alternates shall participate in SORC activities at one time.

ADMINISTRATIVE CONTROLSMeeting Frequency

6.5.2.4 The SORC shall meet at least once per six months and as convened by the SORC Chairperson.

Quorum

6.5.2.5 A quorum of the SORC shall consist of the Chairperson or Vice Chairperson and five members including alternates.

Responsibilities

No more than two alternates

6.5.2.6 The SORC shall be responsible for:

- a. Review of 1) all common site procedures required by Specification 6.8 and changes thereto, 2) any other proposed procedures or changes thereto as determined by the ~~Nuclear Station Director~~ to affect site nuclear safety.
- b. Review of all proposed changes to Section 6.0, "Administrative Controls", of these Technical Specifications.
- c. Performance of special reviews and investigations and reports as requested by the Chairperson of the Site Nuclear Review Board.
- d. Review of the Plant Security Plan and implementing procedures and shall submit changes to the Chairperson of the Site Nuclear Review Board.
- e. Review of the Emergency Plan and implementing procedures and shall submit recommended changes to the Chairperson of the Site Nuclear Review Board.
- f. Review of all common site proposed tests and experiments that affect nuclear safety.
- g. Review of all common site proposed changes or modifications to systems or equipment that affect nuclear safety.
- h. Render determinations in writing, or meeting minutes if any item considered under 6.5.2.6(a) through (g) above, as appropriate and as provided by 10CFR50.59 or 10CFR50.92, constitutes an unreviewed safety question or requires a significant hazards consideration determination.
- i. Review of the common site Fire Protection Program and implementing procedures.

Senior Vice President - Millstone Station

Authority

6.5.2.7 The SORC shall:

- a. Recommend to the ~~Nuclear Station Director~~ written approval or disapproval, in meeting minutes, of items considered under 6.5.2.6(a) through (g) above.

Senior Vice President - Millstone Station

ADMINISTRATIVE CONTROLS

- b. Provide immediate written notification, or meeting minutes, to the Executive Vice President-Nuclear and the Chairperson of the Site Nuclear Review Board of disagreement between the SORC and the ~~Nuclear Station Director~~; however, the ~~Nuclear Station Director~~ shall have responsibility for resolution of such disagreements pursuant to 6.1.1 above.

Records

Senior Vice President - Millstone Station

- 6.5.2.8 The SORC shall maintain written minutes of each meeting and copies shall be provided to the ~~Executive Vice President-Nuclear~~ and Chairperson of the Site Nuclear Review Board.

6.5.3 Nuclear Review Board (NRB)Qualifications

- 6.5.3.1 The minimum qualifications of NRB members are as follows:
- a. The Chairperson and NRB members shall have:
 1. An academic degree in an engineering or physical science field, or hold a senior management position, and
 2. A minimum of five years technical experience in their respective fields of expertise.
 - b. The NRB shall collectively have the experience and competence required to review activities in the following areas:
 1. Nuclear Power Plant Operations
 2. Nuclear Engineering
 3. Chemistry and Radiochemistry
 4. Metallurgy
 5. Nondestructive Testing
 6. Instrumentation and Control
 7. Radiological Safety
 8. Mechanical and Electrical Engineering

Composition

- 6.5.3.2 The NRB shall consist of no less than the eight, nor more than eleven members including the Chairperson and the Nuclear Unit Director. The Chairperson, and members of the NRB, shall be appointed in writing by the Executive Vice President-Nuclear.

ADMINISTRATIVE CONTROLS6.5.4 Site Nuclear Review Board (SNRB)Qualifications

6.5.4.1 The minimum qualifications of SNRB members are as follows:

- a. The Chairperson and SNRB members shall have:
 1. An academic degree in an engineering or physical science field, or hold a senior management position, and
 2. A minimum of five years technical experience in their respective field of expertise.
- b. The SNRB shall collectively have the experience and competence required to review activities in the following areas:
 1. Nuclear Power Plant Operations
 2. Administration
 3. Chemistry and Radiochemistry
 4. Quality Assurance Practices
 5. Radiological Safety

Senior Vice President - Millstone Station

Composition

6.5.4.2 SNRB shall consist of no less than six, nor more than nine members including the individual Millstone NRB Chairperson and the ~~Nuclear Station Director~~. The Chairperson, and members, of the SNRB shall be appointed in writing by the Executive Vice President- Nuclear.

Consultants

6.5.4.3 Consultants shall be utilized as determined by the SNRB Chairperson to provide expert advice to the SNRB.

Meeting Frequency

6.5.4.4 The SNRB shall meet at least once per calendar year.

Quorum

6.5.4.5 A quorum of the SNRB shall consist of the Chairperson or a designated alternate and four SNRB members. No more than a minority of the quorum shall have line responsibility for operation of the Station.

Review

- 6.5.4.6 The SNRB shall function as an independent review body and shall review:
- a. Proposed changes in Section 6.0 of these Technical Specifications or Licenses common to all units.

ADMINISTRATIVE CONTROLS

- d. The Safety Limit Violation Report shall be submitted to the Commission, the Chairperson of the NRB, and the Executive Vice President-Nuclear within 14 days of the violation.
- e. Operation shall not be resumed until authorized by the Commission.

6.8 PROCEDURES

6.8.1 Written procedures shall be established, implemented and maintained covering the activities referenced below.

- a. The applicable procedures recommended in Appendix "A" of Regulatory Guide 1.33, February, 1978.
- b. Refueling operations.
- c. Surveillance activities of safety related equipment.
- d. Security Plan Implementation.
- e. Emergency Plan Implementation.
- f. Fire Protection Program Implementation.
- g. Quality Control for effluent monitoring using the guidance in Regulatory Guide 1.21 Rev. 1, June 1974.
- h. Radiological Effluent Monitoring and Offsite Dose Calculation Manual (REMOCM) implementation, except for Section I.E., Radiological Environmental Monitoring.

6.8.2 Each procedure and administrative policy of 6.8.1 above, and changes thereto, shall be reviewed by the PORC/SORC, as applicable, and approved by the Nuclear Unit Director/~~Nuclear Station Director~~ prior to implementation and reviewed periodically as set forth in each document.

Senior Vice President - Millstone Station

6.8.3 Temporary changes to procedures of 6.8.1 above may be made provided:

- a. The intent of original procedure is not altered.
- b. The change is approved by two members of the plant management staff, at least one of whom holds a Senior Reactor Operator's License on the unit affected.
- c. The change is documented, reviewed by the PORC/SORC, as applicable, and approved by the Nuclear Unit Director/~~Nuclear Station Director~~ within 14 days of implementation.

6.8.4 Written procedures shall be established, implemented and maintained covering Section I.E, Radiological Environmental Monitoring, of the REMOCM.

ADMINISTRATIVE CONTROLS

6.15 RADIOLOGICAL EFFLUENT MONITORING AND OFFSITE DOSE CALCULATION MANUAL (REMODCM)

Section I, Radiological Effluents Monitoring Manual (REMM), shall outline the sampling and analysis programs to determine the concentration of radioactive materials released offsite as well as dose commitments to individuals in those exposure pathways and for those radionuclides released as a result of station operation. It shall also specify operating guidelines for radioactive waste treatment systems and report content.

Section II, the Offsite Dose Calculation Manual (ODCM), shall describe the methodology and parameters to be used in the calculation of offsite doses due to radioactive gaseous and liquid effluents and in the calculations of gaseous and liquid effluent monitoring instrumentation alarm/trip setpoints consistent with the applicable LCO's contained in these technical specifications.

Changes to the REMODCM:

- a. Shall be documented and records of reviews performed shall be retained as required by Specification 6.10.2.m. This documentation shall contain:
 - 1) Sufficient information to support the change together with the appropriate analyses or evaluations justifying the change(s), and
 - 2) A determination that the change will maintain the level of radioactive effluent control required by 10 CFR 20.106, 40 CFR Part 190, 10 CFR 50.36a, and Appendix I to 10 CFR Part 50 and not adversely impact the accuracy or reliability of effluent, dose, or setpoint calculations.
- b. Shall become effective after review and acceptance by SORC and the approval of the ~~Nuclear Station Director~~. *Senior Vice President - Millstone Station*
- c. Shall be submitted to the Commission in the form of a complete, legible copy of the entire REMM or ODCM, as appropriate, as a part of or concurrent with the Annual Radioactive Effluent Report for the period of the report in which any change was made. Each change shall be identified by markings in the margin of the affected pages, clearly indicating the area of the page that was changed, and shall indicate the date (e.g., month/year) the change was implemented.

Docket No. 50-336
B14694

Attachment 2
Milestone Unit No. 2
Proposed Revision to Technical Specifications
Administrative Changes
Markup Pages

December 1993

ADMINISTRATIVE CONTROLS6.1 RESPONSIBILITY

6.1.1 The Nuclear Station Director shall be responsible for overall operation of the Millstone Station Site while the Nuclear Unit Director shall be responsible for operation of the unit. The Nuclear Station Director and Nuclear Unit Director shall each delegate in writing the succession to these responsibilities during their absence.

Senior Vice President - Millstone Station

6.2 ORGANIZATION6.2.1 OFFSITE AND ONSITE ORGANIZATIONS

Onsite and offsite organizations shall be established for unit operation and corporate management, respectively. The onsite and offsite organizations shall include the positions for activities affecting the safety of the nuclear power plant.

- a. Lines of authority, responsibility, and communication shall be established and defined for the higher management levels through intermediate levels to and including all operating organization positions. These relationships shall be documented and updated, as appropriate, in the form of organization charts, functional descriptions of departmental responsibilities and relationships, and job descriptions for key personnel positions, or in equivalent forms of documentation. These requirements shall be documented in the Quality Assurance Topical Report.

- b. The Nuclear Station Director shall be responsible for overall unit safe operation and shall have control over those onsite activities necessary for safe operation and maintenance of the plant.

- c. The Executive Vice President-Nuclear shall have corporate responsibility for overall plant nuclear safety and shall take any measures needed to ensure acceptable performance of the staff in operation, maintaining, and providing technical support to the plant to ensure nuclear safety.

- d. The individuals who train the operating staff and those who carry out health physics and quality assurance functions may report to the appropriate onsite manager; however, they shall have sufficient organizational freedom to ensure their independence from operating pressures.

6.2.2 FACILITY STAFF

- a. Each on duty shift shall be composed of at least the minimum shift crew composition shown in Table 6.2-1.
- b. At least one licensed Operator shall be in the control room when fuel is in the reactor.
- c. At least two licensed Operators shall be present in the control room during reactor start-up, scheduled reactor shutdown and during recovery from reactor trips.

Senior Vice President - Millstone Station

ADMINISTRATIVE CONTROLS

6.4 TRAINING

Senior Vice President - Millstone Station

6.4.1 A retraining and replacement training program for the facility staff shall be maintained under the direction of the ~~Nuclear Station Director~~ and shall meet or exceed the requirements and recommendations of Section 5.5 of ANSI N18.1-1971 and 10 CFR Part 55.59. The Director-Nuclear Training has the overall responsibility for the implementation of the Training Program.

6.4.2 A training program for the Fire Brigade shall be maintained under the direction of the Director-Nuclear Training and shall meet or exceed the requirements of Section 27 of the NFPA Code-1975, except for Fire Brigade training sessions which shall be held at least quarterly.

6.5 REVIEW AND AUDIT

6.5.1 Plant Operations Review Committee (PORC)

Function

6.5.1.1 The PORC shall function to advise the Nuclear Unit Director on all matters related to nuclear safety.

Composition

6.5.1.2 The PORC shall be composed of the:

- | | |
|----------------------------|--|
| Chairperson: | Nuclear Unit Director |
| Vice Chairperson & Member: | Operations Manager |
| Member: | Maintenance Manager |
| Member: | Instrument and Controls Manager |
| Member: | Reactor Engineer |
| Member: | Radiation Protection Supervisor or Chemistry Supervisor |
| Member: | Engineering Manager |
| Member: | Staff Engineer |

Alternates

6.5.1.3 Alternate members shall be appointed in writing by the PORC Chairperson to serve on a temporary basis; however, no more than two alternates shall participate in PORC activities at any one time.

ADMINISTRATIVE CONTROLS

Meeting Frequency

6.5.1.4 The PORC shall meet at least once per calendar month and as convened by the PORC Chairperson.

Quorum

6.5.1.5 A quorum of the PORC shall consist of the Chairperson, or Vice Chairperson, or ~~Nuclear Station Director~~ and four members including alternates. *Senior Vice President - Millstone Station*

Responsibilities

6.5.1.6 The PORC shall be responsible for:

- a. Review of 1) all procedures, except common site procedures, required by Specification 6.8 and changes thereto, 2) any other proposed procedures or changes thereto as determined by the Nuclear Unit Director to affect nuclear safety.
- b. Review of all proposed tests and experiments that affect nuclear safety.
- c. Review of all proposed changes to Sections 1.0 - 5.0 of these Technical Specifications.
- d. Review of all proposed changes or modifications to plant systems or equipment that affect nuclear safety.
- e. Investigation of all violations of the Technical Specifications and preparation and forwarding of a report covering evaluation and recommendations to prevent recurrence to the Executive Vice President-Nuclear and to the Chairperson of the Nuclear Review Board.
- f. Review of all REPORTABLE EVENTS.
- g. Review of facility operations to detect potential safety hazards.
- h. Performance of special reviews and investigations and reports thereon as requested by the Chairperson of the Nuclear Review Board.
- i. Render determinations in writing if any item considered under 6.5.1.6(a) through (d) above, as appropriate and as provided by 10CFR50.59 or 10CFR50.92, constitutes an unreviewed safety question or requires a significant hazards consideration determination.

ADMINISTRATIVE CONTROLS

Authority

6.5.1.7 The PORC shall:

a. Recommend to the Nuclear Unit Director written approval or disapproval of items considered under 6.5.1.6(a) through (d) above.

Senior Vice President - Millstone Station

b. Provide immediate written notification to the ~~Nuclear Station Director~~, Executive Vice President-Nuclear and the Chairperson of the Nuclear Review Board of disagreement between the PORC and the Nuclear Unit Director; however, the Nuclear Unit Director shall have responsibility for resolution of such disagreements pursuant to 6.1.1 above.

Records

6.5.1.8 The PORC shall maintain written minutes of each meeting and copies shall be provided to the ~~Nuclear Station Director, Executive Vice-President Nuclear~~ and Chairperson of the Nuclear Review Board.

Senior Vice President - Millstone Station

6.5.2 Site Operations Review Committee (SORC)

Senior Vice President - Millstone Station

Function

6.5.2.1 The SORC shall function to advise the ~~Nuclear Station Director~~ on all matters related to nuclear safety of the entire Millstone Station Site.

Composition

Senior Vice President - Millstone Station

6.5.2.2 The SORC shall be composed of the:

- Chairperson: ~~Nuclear Station Director~~
- Vice Chairperson: Senior Nuclear Unit Director in attendance
- Member: Unit 1 Director
- Member: Unit 2 Director
- Member: Unit 3 Director
- Member: Unit Services Director
- Member: Site Services Director
- Member: Designated Member of Unit 1 PORC
- Member: Designated Member of Unit 2 PORC
- Member: Designated Member of Unit 3 PORC
- Member: Supervisor Plant Quality Services

Alternates:

6.5.2.3 Alternate members shall be appointed in writing by the SORC Chairperson to serve on a temporary basis; however, no more than two alternates shall participate in SORC activities at one time.

ADMINISTRATIVE CONTROLSMeeting Frequency

6.5.2.4 The SORC shall meet at least once per six months and as convened by the SORC Chairperson.

Quorum

6.5.2.5 A quorum of the SORC shall consist of the Chairperson or Vice Chairperson and five members including alternates.

Responsibilities

6.5.2.6 The SORC shall be responsible for:

- a. Review of 1) all common site procedures required by Specification 6.8 and changes thereto, 2) any other proposed procedures or changes thereto as determined by the Nuclear Station Director to affect site nuclear safety.
- b. Review of all proposed changes to Section 6.0 "Administrative Controls" of these Technical Specifications.
- c. Performance of special reviews and investigations and reports as requested by the Chairperson of the Site Nuclear Review Board.
- d. Review of the Plant Security Plan and implementing procedures and shall submit changes to the Chairperson of the Site Nuclear Review Board.
- e. Review of the Emergency Plan and implementing procedures and shall submit recommended changes to the Chairperson of the Site Nuclear Review Board.
- f. Review of all common site proposed test, and experiments that affect nuclear safety.
- g. Review of all common site proposed changes or modifications to systems or equipment that affect nuclear safety.
- h. Render determinations in writing or meeting minutes if any item considered under 6.5.2.6(a) through (g) above, as appropriate and as provided by 10CFR50.59 or 10CFR50.92, constitutes an unreviewed safety question or requires a significant hazards consideration determination.

Authority

6.5.2.7 The SORC shall:

- a. Recommend to the Nuclear Station Director written approval or disapproval in meeting minutes of items considered under 6.5.2.6(a) through (g) above.

ADMINISTRATIVE CONTROLS

- b. Provide immediate written notification or meeting minutes to the Executive Vice President-Nuclear and the Chairperson of the Site Nuclear Review Board of disagreement between the SORC and the Nuclear Station Director; however, the Nuclear Station Director shall have responsibility for resolution of such disagreements pursuant to 6.1.1 above.

Records

Senior Vice President - Millstone Station

- 6.5.2.8 The SORC shall maintain written minutes of each meeting and copies shall be provided to the Executive Vice President-Nuclear and Chairperson of the Site Nuclear Review Board.

6.5.3 Nuclear Review Board (NRB)Qualifications

- 6.5.3.1 The minimum qualifications of NRB members are as follows:
- a. The Chairperson and NRB members shall have:
 1. An academic degree in an engineering or physical science field, or hold a senior management position, and
 2. A minimum of five years technical experience in their respective field of expertise.
 - b. The NRB shall collectively have the experience and competence required to review activities in the following areas:
 1. Nuclear Power Plant Operations
 2. Nuclear Engineering
 3. Chemistry and Radiochemistry
 4. Metallurgy
 5. Nondestructive Testing
 6. Instrumentation and Control
 7. Radiological Safety
 8. Mechanical and Electrical Engineering

Composition

- 6.5.3.2 The NRB shall consist of no less than the eight, nor more than eleven members including the Chairperson and the Nuclear Unit Director. The Chairperson, and members of the NRB shall be appointed in writing by the Executive Vice President-Nuclear.

ADMINISTRATIVE CONTROLS6.5.4 Site Nuclear Review Board (SNRB)Qualifications

6.5.4.1 The minimum qualifications of SNRB members are as follows:

- a. The Chairperson and SNRB members shall have:
 1. An academic degree in an engineering or physical science field, or hold a senior management position, and
 2. A minimum of five years technical experience in their respective field of expertise.
- b. The SNRB shall collectively have the experience and competence required to review activities in the following areas:
 1. Nuclear Power Plant Operations
 2. Administration
 3. Chemistry and Radiochemistry
 4. Quality Assurance Practices
 5. Radiological Safety

Composition

6.5.4.2 The SNRB shall consist of no less than six, nor more than nine members including the individual Millstone NRB Chairperson and the ~~Nuclear Station Director~~. The Chairperson and members of the SNRB shall be appointed in writing by the Executive Vice President-Nuclear.

Senior Vice President - Millstone Station

Consultants

6.5.4.3 Consultants shall be utilized as determined by the SNRB Chairperson to provide expert advice to the SNRB.

Meeting Frequency

6.5.4.4 The SNRB shall meet at least once per calendar year.

Quorum

6.5.4.5 A quorum of the SNRB shall consist of the Chairperson or a designated alternate and four SNRB members. No more than a minority of the quorum shall have line responsibility for operation of the Station.

Review

6.5.4.6 The SNRB shall function as an independent review body and shall review:

- a. Proposed changes in Section 6.0 of these Technical Specifications or Licenses common to all units.

ADMINISTRATIVE CONTROLS

- d. The Safety Limit Violation Report shall be submitted to the Commission, the Chairperson of the NRB, and the Executive Vice President-Nuclear within 14 days of the violations.
- e. Operation shall not be resumed until authorized by the Commission.

6.8 PROCEDURES

6.8.1 Written procedures shall be established, implemented and maintained covering the activities referenced below:

- a. The applicable procedures recommended in Appendix "A" of Regulatory Guide 1.33, February, 1978.
- b. Refueling operations.
- c. Surveillance activities of safety related equipment.
- d. Security Plan implementation.
- e. Emergency Plan implementation.
- f. Fire Protection Program implementation.
- g. Quality Control for effluent monitoring using the guidance in Regulatory Guide 1.21 Rev. 1, June 1974.
- h. Radiological Effluent Monitoring and Offsite Dose Calculation Manual (REMOCM) implementation, except for Section I.E., Radiological Environmental Monitoring.

6.8.2 Each procedure and administrative policy of 6.8.1 above, and changes thereto, shall be reviewed by the PORC/SORC, as applicable, and approved by the Nuclear Unit Director/~~Nuclear Station Director~~ — prior to implementation and reviewed periodically as set forth in each document.

Senior Vice President - Millstone Station

6.8.3 Temporary changes to procedures of 6.8.1 above may be made provided:

- a. The intent of original procedure is not altered.
- b. The change is approved by two members of the plant management staff, at least one of whom holds a Senior Reactor Operator's License on the unit affected.
- c. The change is documented, reviewed by the PORC/SORC, as applicable, and approved by the Nuclear Unit Director/~~Nuclear Station Director~~ within 14 days of implementation.

6.8.4 Written procedures shall be established, implemented and maintained covering Section I.E, Radiological Environmental Monitoring, of the REMOCM.

ADMINISTRATIVE CONTROLS

6.15 RADIOLOGICAL EFFLUENT MONITORING AND OFFSITE DOSE CALCULATION MANUAL (REMODCM)

Section I, Radiological Effluents Monitoring Manual (REMM), shall outline the sampling and analysis programs to determine the concentration of radioactive materials released offsite as well as dose commitments to individuals in those exposure pathways and for those radionuclides released as a result of station operation. It shall also specify operating guidelines for radioactive waste treatment systems and report content.

Section II, the Offsite Dose Calculation Manual (ODCM), shall describe the methodology and parameters to be used in the calculation of offsite doses due to radioactive gaseous and liquid effluents and in the calculations of gaseous and liquid effluent monitoring instrumentation Alarm/Trip Setpoints consistent with the applicable LCO's contained in these Technical Specifications.

Changes to the REMODCM:

- a. Shall be documented and records of reviews performed shall be retained as required by Specification 6.10.2m. This documentation shall contain:
 - 1) Sufficient information to support the change together with the appropriate analyses or evaluations justifying the change(s), and
 - 2) A determination that the change will maintain the level of radioactive effluent control required by 10 CFR 20.10C, 40 CFR Part 190, 10 CFR 50.36a, and Appendix I to 10 CFR Part 50 and not adversely impact the accuracy or reliability of effluent, dose, or setpoint calculations.
- b. Shall become effective after review and acceptance by SORC and the approval of the ~~Nuclear Station Director~~. *Senior Vice Pres. - Millstone Station*
- c. Shall be submitted to the Commission in the form of a complete, legible copy of the entire REMM or ODCM, as appropriate, as a part of or concurrent with the Annual Radioactive Effluent Report for the period of the report in which any change was made. Each change shall be identified by markings in the margin of the affected pages, clearly indicating the area of the page that was changed, and shall indicate the date (e.g., month/year) the change was implemented.

Docket No. 50-423
E14694

Attachment 3
Millstone Unit No. 3
Proposed Revision to Technical Specifications
Administrative Changes
Markup Pages

December 1993

ADMINISTRATIVE CONTROLS6.1 RESPONSIBILITY*Senior Vice President - Millstone Station*

6.1.1 The ~~Nuclear Station Director~~ shall be responsible for overall operation of the Millstone Station site while the Nuclear Unit Director shall be responsible for operation of the unit. The ~~Nuclear Station Director~~ and Nuclear Unit Director shall each delegate in writing the succession to these responsibilities during their absence.

6.2 ORGANIZATION6.2.1 OFFSITE AND ONSITE ORGANIZATIONS

Onsite and offsite organizations shall be established for unit operation and corporate management, respectively. The onsite and offsite organizations shall include the positions for activities affecting the safety of the nuclear power plant.

- a. Lines of authority, responsibility, and communication shall be established and defined for the highest management levels through intermediate levels to and including all operating organization positions. These relationships shall be documented and updated, as appropriate, in the form of organization charts, functional descriptions of departmental responsibilities and relationships, and job descriptions for key personnel positions, or in equivalent forms of documentation. These requirements shall be documented in the Quality Assurance Topical Report.

Senior Vice President - Millstone Station

- b. ~~The Nuclear Station Director~~ shall be responsible for overall unit safe operation and shall have control over those onsite activities necessary for safe operation and maintenance of the plant.
- c. The Executive Vice President-Nuclear shall have corporate responsibility for overall plant nuclear safety and shall take any measures needed to ensure acceptable performance of the staff in operating, maintaining, and providing technical support to the plant to ensure nuclear safety.
- d. The individuals who train the operating staff and those who carry out health physics and quality assurance functions may report to the appropriate onsite manager; however, they shall have sufficient organizational freedom to ensure their independence from operating pressures.

6.2.2 FACILITY STAFF

- a. Each on-duty shift shall be composed of at least the minimum shift crew composition shown in Table 6.2-1;

ADMINISTRATIVE CONTROLS6.3 FACILITY STAFF QUALIFICATIONS

6.3.1 Each member of the facility staff shall meet or exceed the minimum qualifications of ANSI N18.1-1971 for comparable positions, except for the Health Physics Manager who shall meet or exceed the qualifications of Regulatory Guide 1.8, Revision 1, May 1977.

6.4 TRAINING

Senior Vice President Millstone Station

6.4.1 A retraining and replacement training program for the facility staff shall be maintained under the direction of the ~~Nuclear Station Director~~ and shall meet or exceed the requirements and recommendations of Section 5.5 of ANSI N18.1-1971 and 10 CFR Part 55.59. The Director-Nuclear Training has the overall responsibility for the implementation of the Training Program.

6.4.2 Deleted.

6.5 REVIEW AND AUDIT6.5.1 PLANT OPERATIONS REVIEW COMMITTEE (PORC)FUNCTION

6.5.1.1 The PORC shall function to advise the Nuclear Unit Director on all matters related to nuclear safety.

COMPOSITION

6.5.1.2 The PORC shall be composed of the:

| | |
|------------------------------|--|
| Chairperson: | Nuclear Unit Director |
| Vice Chairperson and Member: | Operations Manager |
| Member: | Maintenance Manager |
| Member: | Instrument and Controls Manager |
| Member: | Reactor Engineer |
| Member: | Radiation Protection Supervisor or Chemistry Supervisor |
| Member: | Engineering Manager |
| Member: | Staff Engineer |

ADMINISTRATIVE CONTROLSALTERNATES

6.5.1.3 All alternate members shall be appointed in writing by the PORC Chairperson to serve on a temporary basis; however, no more than two alternates shall participate as voting members in PORC activities at any one time.

MEETING FREQUENCY

6.5.1.4 The PORC shall meet at least once per calendar month and as convened by the PORC Chairperson.

QUORUM

6.5.1.5 The quorum of the PORC shall consist of the Chairperson or Vice Chairperson or ~~Nuclear Station Director~~ and four members including alternates.

RESPONSIBILITIES

Senior Vice President - Millstone Station

6.5.1.6 The PORC shall be responsible for:

- a. Review of: (1) all procedures, except common site procedures, required by Specification 6.8 and changes thereto, and (2) any other proposed procedures or changes thereto as determined by the Nuclear Unit Director to affect nuclear safety;
- b. Review of all proposed tests and experiments that affect nuclear safety;
- c. Review of all proposed changes to Sections 1.0-5.0 of these Technical Specifications;
- d. Review of all proposed changes or modifications to plant systems or equipment that affect nuclear safety;
- e. Investigation of all violations of the Technical Specifications, including the preparation and forwarding of reports covering evaluation and recommendations to prevent recurrence, to the Executive Vice President-Nuclear and to the Chairperson of the Nuclear Review Board;
- f. Review of all REPORTABLE EVENTS;
- g. Review of facility operations to detect potential safety hazards;
- h. Performance of special reviews, investigations, or analyses and reports thereon as requested by the Chairperson of the Nuclear Review Board or the ~~Nuclear Station Director~~; and
- i. Render determinations in writing if any item considered under Specification 6.5.1.6a. through d. above, as appropriate and as provided by 10CFR50.59 or 10CFR50.92, constitutes an unreviewed safety question, or requires a significant hazards consideration determination.
- j. Review of Unit Turbine Overspeed Protection Maintenance and Testing Program and revision thereto.
- k. Review of the Fire Protection Program and implementing procedures.

Senior Vice President - Millstone Station

ADMINISTRATIVE CONTROLS

AUTHORITY

6.5.1.7 The PORC shall:

- a. Recommend to the Nuclear Unit Director written approval or disapproval of items considered under Specification 6.5.1.6a. through d. above; and

Senior Vice President - Millstone Station

- b. Provide written notification to the ~~Nuclear Station Director~~, Executive Vice President-Nuclear and the Chairperson of the Nuclear Review Board of disagreement between the PORC and the Nuclear Unit Director; however, the Nuclear Unit Director shall have responsibility for resolution of such disagreements pursuant to Specification 6.1.1.

RECORDS

Senior Vice President - Millstone station

6.5.1.8 The PORC shall maintain written minutes of each meeting and copies shall be provided to the ~~Nuclear Station Director, Executive Vice President-Nuclear~~ and the Chairperson of the Nuclear Review Board.

6.5.2 SITE OPERATIONS REVIEW COMMITTEE (SORC)

FUNCTION

Senior Vice President - Millstone Station

6.5.2.1 The SORC shall function to advise the ~~Nuclear Station Director~~ on all matters related to nuclear safety of the entire Millstone Station Site.

COMPOSITION

Senior Vice President - Millstone Station

6.5.2.2 The SORC shall be composed of the:

- Chairperson: ~~Nuclear Station Director~~
- Vice Chairperson: Senior Nuclear Unit Director in attendance
- Member: Unit 1 Director
- Member: Unit 2 Director
- Member: Unit 3 Director
- Member: Unit Services Director
- Member: Site Services Director
- Member: Designated Member of Unit 1 PORC
- Member: Designated Member of Unit 2 PORC
- Member: Designated Member of Unit 3 PORC
- Member: Supervisor Plant Quality Services

ALTERNATES

6.5.2.3 Alternate members shall be appointed in writing by the SORC Chairperson to serve on a temporary basis; however, no more than two alternates shall participate in SORC activities at one time.

MEETING FREQUENCY

6.5.2.4 The SORC shall meet at least once per 6 months and as convened by the SORC Chairperson.

QUORUM

6.5.2.5 A quorum of the SORC shall consist of the Chairperson or Vice Chairperson and five members including alternates.

RESPONSIBILITIES

6.5.2.6 The SORC shall be responsible for:

- a. Review of (1) all common site procedures required by Specification 6.8 and changes thereto, (2) any other proposed procedures or changes thereto as determined by the ~~Nuclear Station Director~~ to affect site nuclear safety; *Senior Vice President - Millstone Station*
- b. Review of all proposed changes to Section 6.0 "Administrative Controls" of these Technical Specifications;
- c. Performance of special reviews and investigations and reports as requested by the Chairperson of the Site Nuclear Review Board;
- d. Review of the Plant Security Plan and implementing procedures and submittal of recommended changes to the Chairperson of the Site Nuclear Review Board;
- e. Review of the Emergency Plan and implementing procedures, and submittal of recommended changes to the Chairperson of the Site Nuclear Review Board;
- f. Review of all common site proposed tests and experiments that affect nuclear safety;
- g. Review of all common site proposed changes or modifications to systems or equipment that affect nuclear safety; and
- h. Render determinations in writing or meeting minutes if any item considered under Specification 6.5.2.6(a) through (g) above, as appropriate and as provided by 10CFR50.59 or 10CFR50.92 constitutes an unreviewed safety question or requires a significant hazards consideration determination.
- i. Review of the common site Fire Protection Program and implementing procedures.

AUTHORITY

6.5.2.7 The SORC shall:

- a. Recommend to the ~~Nuclear Station Director~~ written approval or disapproval in meeting minutes of items considered under Specification 6.5.2.6(a) through (g) above, and
- b. Provide immediate written notification or meeting minutes to the Executive Vice President-Nuclear and the Chairperson of the Site Nuclear Review Board of disagreement between the SORC and the ~~Nuclear Station Director~~; however, the ~~Nuclear Station Director~~ shall have responsibility for resolution of such disagreements pursuant to 6.1.1 above.

RECORDS

6.5.2.8 The SORC shall maintain written minutes of each meeting and copies shall be provided to the ~~Executive Vice President Nuclear~~ and Chairperson of the Site Nuclear Review Board.

ADMINISTRATIVE CONTROLS

6.5.3 NUCLEAR REVIEW BOARD (NRB)

FUNCTION

6.5.3.1 The minimum qualifications of the NRB members are as follows:

a. The Chairperson and NRB members shall have:

- 1) an academic degree in an engineering or physical science field, or hold a senior management position, and
- 2) a minimum of five years technical experience in their respective field of expertise.

b. The NRB shall collectively have the experience and competence required to review activities in the following areas:

1. Nuclear Power Plant Operations
2. Nuclear Engineering
3. Chemistry and Radiochemistry
4. Metallurgy
5. Nondestructive testing
6. Instrumentation and Control
7. Radiological Safety
8. Mechanical and Electrical Engineering

COMPOSITION

6.5.3.2 The NRB shall consist of no less than the eight, nor more than eleven members including the Chairperson and the Nuclear Unit Director. The Chairperson and members of the NRB shall be appointed in writing by the Executive Vice President-Nuclear.

CONSULTANTS

6.5.3.3 Consultants shall be utilized as determined by the NRB Chairperson to provide expert advice to the NRB.

MEETING FREQUENCY

6.5.3.4 The NRB shall meet at least once per calendar quarter during the initial year of facility operation following fuel loading and at least once per 6 months thereafter.

QUORUM

6.5.3.5 The quorum of the NRB necessary for the performance of the NRB review and audit functions of these Technical Specifications shall consist of at least enough members to constitute a majority of the assigned members including the Chairperson or a designated alternate. No more than a minority of the quorum shall have line responsibility for operation of the unit.

AUTHORITY

6.5.3.8 The NRB shall report to and advise the Executive Vice President - Nuclear on those areas of responsibility specified in Sections 6.5.3.6 and 6.5.3.7. Meeting minutes may be used for this purpose.

RECORDS

6.5.3.9 Records of NRB activities shall be prepared, approved, and distributed as indicated below:

- a. Minutes of each NRB meeting shall be prepared, approved, and forwarded to the Executive Vice President-Nuclear, within 14 days following each meeting;
- b. Reports of reviews encompassed by Specification 6.5.3.6 shall be prepared, approved, and forwarded to the Executive Vice President-Nuclear, within 14 days following completion of the review. NRB Meeting Minutes may be used for this purpose;
- c. Audit reports encompassed by Specification 6.5.3.7 shall be forwarded to the Executive Vice President-Nuclear, and to the management positions responsible for the areas audited within 30 days after completion of the audit.

6.5.4 SITE NUCLEAR REVIEW BOARD (SNRB)

6.5.4.1 The minimum qualifications of SNRB members are as follows:

- a. The chairperson and SNRB members shall have:
 - 1) an academic degree in an engineering or physical science field, or hold a senior management position, and
 - 2) a minimum of five years technical experience in their respective field of expertise.
- b. The SNRB shall collectively have the experience and competence required to review activities in the following areas:
 - 1) Nuclear Power Plant Operations
 - 2) Administration
 - 3) Chemistry and Radiochemistry
 - 4) Quality Assurance Practices
 - 5) Radiological Safety

COMPOSITION

6.5.4.2 The SNRB shall consist of no less than six, nor more than nine members including the individual Millstone NRB Chairperson and the ~~Nuclear Station Director~~. The Chairperson and members of the SNRB shall be appointed in writing by the Executive Vice President-Nuclear.

Senior Vice President - Millstone Station

ADMINISTRATIVE CONTROLSPROCEDURES AND PROGRAMS (Continued)

6.8.2 Each procedure of Specification 6.8.1, and changes thereto, shall be reviewed by the PORC/SORC, as appropriate, and shall be approved by the Nuclear Unit Director/~~Nuclear Station Director~~ prior to implementation and reviewed periodically as set forth in administrative procedures.

Senior Vice President - Millstone Station

6.8.3 Temporary changes to procedures of Specification 6.8.1 may be made provided:

- a. The intent of the original procedure is not altered;
- b. The change is approved by two members of the plant management staff, at least one of whom holds a Senior Operator license on the unit affected; and
- c. The change is documented, reviewed by the PORC/SORC, as appropriate, and approved by the Nuclear Unit Director/~~Nuclear Station Director~~ within 14 days of implementation.

Senior Vice President - Millstone Station

6.8.4 The following programs shall be established, implemented, and maintained:

a. Primary Coolant Sources Outside Containment

A program to reduce leakage from those portions of systems outside containment that could contain highly radioactive fluids during a serious transient or accident to as low as practical levels. The systems include the recirculation spray, Safety Injection, charging portion of chemical and volume control, and hydrogen recombiners. The program shall include the following:

- 1) Preventive maintenance and periodic visual inspection requirements, and
- 2) Integrated leak test requirements for each system at refueling cycle intervals or less.

b. In-Plant Radiation Monitoring

A program which will ensure the capability to accurately determine the airborne iodine concentration in vital areas under accident conditions. This program shall include the following:

- 1) Training of personnel,
- 2) Procedures for monitoring, and
- 3) Provisions for maintenance of sampling and analysis equipment.

ADMINISTRATIVE CONTROLS

6.13 RADIOLOGICAL EFFLUENT MONITORING AND OFFSITE DOSE CALCULATION MANUAL (REMODCM)

Section I, Radiological Effluent Monitoring Manual (REMM), shall outline the sampling and analysis programs to determine the concentration of radioactive materials released offsite as well as dose commitments to individuals in those exposure pathways and for those radionuclides released as a result of station operation. It shall also specify operating guidelines for radioactive waste treatment systems and report content.

Section II, the Offsite Dose Calculation Manual (ODCM), shall describe the methodology and parameters to be used in the calculation of offsite doses due to radioactive gaseous and liquid effluents and in the calculations of gaseous and liquid effluent monitoring instrumentation alarm/trip setpoints consistent with the applicable LCOs contained in these technical specifications.

Changes to the REMODCM:

- a. Shall be documented and records of reviews performed shall be retained as required by Specification 6.10.3o. This documentation shall contain:
 - 1) Sufficient information to support the change together with the appropriate analyses or evaluations justifying the change(s), and
 - 2) A determination that the change will maintain the level of radioactive effluent control required by 10 CFR 20.106, 40 CFR Part 190, 10 CFR 50.36a, and Appendix I to 10 CFR Part 50 and not adversely impact the accuracy or reliability of effluent, dose, or setpoint calculations.
- b. Shall become effective after review and acceptance by SORC and the approval of the ~~Nuclear Station Director~~ *Senior Vice President - Millstone Station*
- c. Shall be submitted to the Commission in the form of a complete, legible copy of the entire REMM or ODCM, as appropriate, as a part of or concurrent with the Annual Radioactive Effluent Report for the period of the report in which any change was made. Each change shall be identified by markings in the margin of the affected pages, clearly indicating the area of the page that was changed, and shall indicate the date (e.g., month/year) the change was implemented.

6.14 RADIOACTIVE WASTE TREATMENT

Procedures for liquid and gaseous radioactive effluent discharges from the Unit shall be prepared, approved, maintained and adhered to for all operations involving offsite releases of radioactive effluents. These procedures shall specify the use of appropriate waste treatment systems utilizing the guidance provided in the REMODCM.

The Solid Radioactive Waste Treatment System shall be operated in accordance with the Process Control Program to process wet radioactive wastes to meet shipping and burial ground requirements.

Docket No. 50-245
B14694

Attachment 4
Millstone Unit No. 1
Proposed Revision to Technical Specifications
Administrative Changes
Retyped Pages

December 1993

TABLE OF CONTENTS

| | | <u>Page No.</u> |
|-------|--|-----------------|
| 1.0 | DEFINITIONS | 1-1 |
| | <u>SAFETY LIMITS</u> | |
| | <u>LIMITING SAFETY SYSTEM SETTINGS</u> | |
| 2.1.1 | FUEL CLADDING INTEGRITY | 2-1 |
| 2.2.1 | REACTOR COOLANT SYSTEM | 2-7 |
| | <u>LIMITING CONDITIONS FOR OPERATION</u> | |
| | <u>SURVEILLANCE REQUIREMENT</u> | |
| 3.0 | GENERAL | 3/4 0-1 |
| 3.1 | REACTOR PROTECTION SYSTEM | 3/4 1-1 |
| 3.2 | PROTECTIVE INSTRUMENTATION | 3/4 2-1 |
| | A. Primary Containment Isolation Functions | 3/4 2-1 |
| | B. Emergency Core Cooling Subsystems Actuation | 3/4 2-1 |
| | C. Control Rod Block Actuation | 3/4 2-1 |
| | D. Air Ejector Off-Gas System | 3/4 2-12 |
| | E. Reactor Building Ventilation Isolation, Steam Tunnel Ventilation Isolation, and Standby Gas Treatment System Initiation | 3/4 2-12 |
| 3.3 | REACTIVITY CONTROL | 3/4 3-1 |
| | A. Reactivity Limitations | 3/4 3-1 |
| | B. Control Rod Withdrawal | 3/4 3-3 |
| | C. Scram Insertion Times | 3/4 3-5 |
| | D. Control Rod Accumulators | 3/4 3-7 |
| | E. Reactivity Anomalies | 3/4 3-8 |
| | F. Shutdown Requirements | 3/4 3-8 |
| | G. Thermal Power Core Flow | 3/4 3-8 |
| 3.4 | STANDBY LIQUID CONTROL SYSTEM | 3/4 4-1 |
| | A. Normal Operation | 3/4 4-1 |
| | B. Operation with Inoperable Components | 3/4 4-3 |
| | C. Boron Requirements | 3/4 4-4 |
| | D. Shutdown Requirement | 3/4 4-4 |

| | <u>Surveillance</u> | <u>Page No.</u> |
|--|---------------------|-----------------|
| 3.5 CORE AND CONTAINMENT COOLING SYSTEMS | 4.5 | 3/4 5-1 |
| A. Core Spray and LPCI Subsystems | A | 3/4 5-1 |
| B. Containment Cooling Subsystems. | B | 3/4 5-3 |
| C. FWCI Subsystem | C | 3/4 5-5 |
| D. Automatic Pressure Relief (APR) Subsystems | D | 3/4 5-6 |
| E. Isolation Condenser System | E | 3/4 5-7 |
| F. Minimum Core and Containment Cooling System Availability | F | 3/4 5-8 |
| G. Ultimate Heat Sink | G | 3/4 5-10 |
| 3.6 PRIMARY SYSTEM BOUNDARY | 4.6 | 3/4 6-1 |
| A. Thermal Limitations | A | 3/4 6-1 |
| B. Pressurization Temperature | B | 3/4 6-2 |
| C. Coolant Chemistry | C | 3/4 6-5 |
| D. Coolant Leakage | D | 3/4 6-11 |
| E. Safety and Relief Valves | E | 3/4 6-11 |
| F. Structural Integrity | F | 3/4 6-12 |
| G. Jet Pumps | G | 3/4 6-13 |
| H. Recirculation Pump Flow Mismatch | H | 3/4 6-14 |
| I. Snubbers | I | 3/4 6-15 |
| J. Condensate Demineralizers | J | 3/4 6-18 |
| K. Mechanical Condenser Vacuum Pump | K | 3/4 6-18 |
| 3.7 CONTAINMENT SYSTEMS | 4.7 | 3/4 7-1 |
| A. Primary Containment | A | 3/4 7-1 |
| B. Standby Gas Treatment System | B | 3/4 7-10 |
| C. Secondary Containment | C | 3/4 7-13 |
| D. Primary Containment Isolation Valves | D | 3/4 7-14 |
| 3.8 RADIOACTIVE MATERIALS | 4.8 | 3/4 8-1 |
| A. Radioactive Liquid Effluent Instrumentation | A | 3/4 8-1 |
| B. Radioactive Gaseous Effluent Monitoring Instrumentation | B | 3/4 8-6 |
| C. Radioactive Liquid Effluents | C | 3/4 8-12 |
| D. Radioactive Gaseous Effluents | D | 3/4 8-14 |
| 3.9 AUXILIARY ELECTRICAL SYSTEM | 4.9 | 3/4 9-1 |
| 3.10 REFUELING AND SPENT FUEL HANDLING | 4.10 | 3/4 10-1 |
| A. Refueling Interlocks | A | 3/4 10-1 |
| B. Core Monitoring | B | 3/4 10-2 |
| C. Fuel Storage Pool Water Level | C | 3/4 10-3 |
| D. Crane Operability | D | 3/4 10-3 |
| E. Crane Travel with a Spent Fuel Cask | E | 3/4 10-3 |

| | <u>Surveillance</u> | <u>Page No.</u> |
|---|---------------------|-----------------|
| 3.11 POWER DISTRIBUTION LIMITS | 4.11 | 3/4 11-1 |
| A. Average Planar Linear Heat Generation Rate (APLHGR) | A | 3/4 11-1 |
| B. Linear Heat Generation Rate (LHGR) | B | 3/4 11-2 |
| C. Minimum Critical Power Ratio (MCPR) | C | 3/4 11-3 |
| 3.12 DELETED | | 3/4 12-1 |
| 3.13 INSERVICE INSPECTION | 4.13 | 3/4 13-1 |
| 3.14 PLANT SYSTEMS | 4.14 | 3/4 14-1 |
| 5.0 DESIGN FEATURES | | 5-1 |
| 6.0 ADMINISTRATIVE CONTROLS | | 6-1 |
| 6.1 Responsibility | | 6-1 |
| 6.2 Organization | | 6-1 |
| 6.3 Facility Staff Qualifications | | 6-2 |
| 6.4 Training | | 6-5 |
| 6.5 Review and Audit | | 6-5 |
| 6.6 Reportable Event Action | | 6-14 |
| 6.7 Safety Limit Violation | | 6-14 |
| 6.8 Procedures | | 6-15 |
| 6.9 Reporting Requirements | | 6-16 |
| 6.10 Record Retention | | 6-20 |
| 6.11 Radiation Protection Program | | 6-21 |
| 6.12 High Radiation Area | | 6-21 |
| 6.13 Systems Integrity | | 6-22 |
| 6.14 Iodine Monitoring | | 6-22 |
| 6.15 Radiological Effluent Monitoring and Offsite Dose Calculation Manual (REMDCM) | | 6-23 |
| 6.16 Radioactive Waste Treatment | | 6-24 |
| 6.17 Postaccident Sampling/Sampling and Analysis of Plant Effluents | | 6-24 |

ADMINISTRATIVE CONTROLS

6.1 RESPONSIBILITY

6.1.1 The Senior Vice President — Millstone Station shall be responsible for overall operation of the Millstone Station Site while the Nuclear Unit Director shall be responsible for operation of the unit. The Senior Vice President — Millstone Station and Nuclear Unit Director shall each delegate, in writing, the succession to these responsibilities during their absence.

6.2 ORGANIZATION

6.2.1 OFFSITE AND ONSITE ORGANIZATIONS

Onsite and offsite organizations shall be established for unit operation and corporate management, respectively. The onsite and offsite organizations shall include the positions for activities affecting the safety of the nuclear power plant.

- a. Lines of authority, responsibility, and communication shall be established and defined for the higher management levels through intermediate levels to and including all operating organization positions. These relationships shall be documented and updated, as appropriate, in the form of organization charts, functional descriptions of departmental responsibilities and relationships, and job descriptions for key personnel positions, or in equivalent forms of documentation. These requirements shall be documented in the Quality Assurance Topical Report.
- b. The Senior Vice President — Millstone Station shall be responsible for overall unit safe operation and shall have control over those onsite activities necessary for safe operation and maintenance of the plant.
- c. The Executive Vice President-Nuclear shall have corporate responsibility for overall plant nuclear safety and shall take any measures needed to ensure acceptable performance of the staff in operation, maintaining, and providing technical support to the plant to ensure nuclear safety.
- d. The individuals who train the operating staff and those who carry out health physics and quality assurance functions may report to the appropriate onsite manager; however, they shall have sufficient organizational freedom to ensure their independence from operating pressures.

6.2.2 FACILITY STAFF

- a. Each on duty shift shall be composed of at least the minimum shift crew composition shown in Table 6.2-1.
- b. At least one licensed Operator shall be in the control room when fuel is in the reactor.
- c. At least two licensed Operators shall be present in the control room during reactor start-up, scheduled reactor shutdown and during recovery from reactor trips.

ADMINISTRATIVE CONTROLS

6.4 TRAINING

- 6.4.1 A retraining and replacement training program for the facility staff shall be maintained under the direction of the Senior Vice President — Millstone Station and shall meet or exceed the requirements and recommendations of Section 5.5 of ANSI N18.1-1971 and 10 CFR Part 55.59. The Director-Nuclear Training has the overall responsibility for the implementation of the Training Program.

6.5 REVIEW AND AUDIT

- 6.5.1 Plant Operations Review Committee (PORC)

Function

- 6.5.1.1 The PORC shall function to advise the Nuclear Unit Director on all matters related to nuclear safety.

Composition

- 6.5.1.2 The PORC shall be composed of the:

| | |
|----------------------------|--|
| Chairperson: | Nuclear Unit Director |
| Vice Chairperson & Member: | Operations Manager |
| Member: | Maintenance Manager |
| Member: | Instrument and Controls Manager |
| Member: | Reactor Engineer |
| Member: | Radiation Protection Supervisor or Chemistry Supervisor |
| Member: | Engineering Manager |
| Member: | Staff Engineer |

Alternates

- 6.5.1.3 Alternate members shall be appointed in writing by the PORC Chairperson to serve on a temporary basis; however, no more than two alternates shall participate in PORC activities at any one time.

ADMINISTRATIVE CONTROLS

Meeting Frequency

6.5.1.4 The PORC shall meet at least once per calendar month and as convened by the PORC Chairperson.

Quorum

6.5.1.5 A quorum of the PORC shall consist of the Chairperson, or Vice Chairperson, or Senior Vice President — Millstone Station and four members including alternates.

Responsibilities

6.5.1.6 The PORC shall be responsible for:

- a. Review of 1) all procedures, except common site procedures, required by Specification 6.8 and changes thereto, 2) any other proposed procedures, or changes thereto, as determined by the Nuclear Unit Director to affect nuclear safety.
- b. Review of all proposed tests and experiments that affect nuclear safety.
- c. Review of all proposed changes to Sections 1.0 - 5.0 of these Technical Specifications.
- d. Review of all proposed changes or modifications to plant systems or equipment that affect nuclear safety.
- e. Investigation of all violations of the Technical Specifications and preparation and forwarding of a report covering evaluation and recommendations to prevent recurrence to the Executive Vice President-Nuclear and to the Chairperson of the Nuclear Review Board.
- f. Review of all REPORTABLE EVENTS.
- g. Review of facility operations to detect potential safety hazards.
- h. Performance of special reviews and investigations and reports thereon as requested by the Chairperson of the Nuclear Review Board.
- i. Render determinations in writing if any item considered under 6.5.1.6(a) through (d) above, as appropriate and as provided by 10CFR50.59 or 10CFR50.92, constitutes an unreviewed safety question or requires a significant hazards consideration determination.
- j. Review of the unit-specific Fire Protection Program and implementing procedures.

ADMINISTRATIVE CONTROLS

Authority

- 6.5.1.7 The PORC shall:
- a. Recommend to the Nuclear Unit Director written approval or disapproval of items considered under 6.5.1.6(a) through (d) above.
 - b. Provide immediate written notification to the Senior Vice President — Millstone Station, Executive Vice President-Nuclear and the Chairperson of the Nuclear Review Board of disagreement between the PORC and the Nuclear Unit Director; however, the Nuclear Unit Director shall have responsibility for resolution of such disagreements pursuant to 6.1.1 above.

Records

- 6.5.1.8 The PORC shall maintain written minutes of each meeting and copies shall be provided to the Senior Vice President — Millstone Station and Chairperson of the Nuclear Review Board.

6.5.2 Site Operations Review Committee (SORC)

Function

- 6.5.2.1 The SORC shall function to advise the Senior Vice President — Millstone Station on all matters related to nuclear safety of the entire Millstone Station Site.

Composition

- 6.5.2.2 The SORC shall be composed of the:

| | |
|-------------------|--|
| Chairperson: | Senior Vice President — Millstone Station |
| Vice Chairperson: | Senior Nuclear Unit Director in attendance |
| Member: | Unit 1 Director |
| Member: | Unit 2 Director |
| Member: | Unit 3 Director |
| Member: | Unit Services Director |
| Member: | Site Services Director |
| Member: | Designated Member of Unit 1 PORC |
| Member: | Designated Member of Unit 2 PORC |
| Member: | Designated Member of Unit 3 PORC |
| Member: | Supervisor Plant Quality Services |

Alternates

- 6.5.2.3 Alternate members shall be appointed in writing by the SORC Chairperson to serve on a temporary basis; however, no more than two alternates shall participate in SORC activities at one time.

ADMINISTRATIVE CONTROLS

Meeting Frequency

6.5.2.4 The SORC shall meet at least once per six months and as convened by the SORC Chairperson.

Quorum

6.5.2.5 A quorum of the SORC shall consist of the Chairperson or Vice Chairperson and five members including alternates.

Responsibilities

6.5.2.6 The SORC shall be responsible for:

- a. Review of 1) all common site procedures required by Specification 6.8 and changes thereto, 2) any other proposed procedures or changes thereto as determined by the Senior Vice President — Millstone Station to affect site nuclear safety.
- b. Review of all proposed changes to Section 6.0, "Administrative Controls", of these Technical Specifications.
- c. Performance of special reviews and investigations and reports as requested by the Chairperson of the Site Nuclear Review Board.
- d. Review of the Plant Security Plan and implementing procedures and shall submit changes to the Chairperson of the Site Nuclear Review Board.
- e. Review of the Emergency Plan and implementing procedures and shall submit recommended changes to the Chairperson of the Site Nuclear Review Board.
- f. Review of all common site proposed tests and experiments that affect nuclear safety.
- g. Review of all common site proposed changes or modifications to systems or equipment that affect nuclear safety.
- h. Render determinations in writing, or meeting minutes if any item considered under 6.5.2.6(a) through (g) above, as appropriate and as provided by 10CFR50.59 or 10CFR50.92, constitutes an unreviewed safety question or requires a significant hazards consideration determination.
- i. Review of the common site Fire Protection Program and implementing procedures.

Authority

6.5.2.7 The SORC shall:

- a. Recommend to the Senior Vice President — Millstone Station written approval or disapproval, in meeting minutes, of items considered under 6.5.2.6(a) through (g) above.

ADMINISTRATIVE CONTROLS

- b. Provide immediate written notification, or meeting minutes, to the Executive Vice President-Nuclear and the Chairperson of the Site Nuclear Review Board of disagreement between the SORC and the Senior Vice President — Millstone Station; however, the Senior Vice President — Millstone Station shall have responsibility for resolution of such disagreements pursuant to 6.1.1 above.

Records

- 6.5.2.8 The SORC shall maintain written minutes of each meeting and copies shall be provided to the Senior Vice President — Millstone Station and Chairperson of the Site Nuclear Review Board.

6.5.3 Nuclear Review Board (NRB)

Qualifications

- 6.5.3.1 The minimum qualifications of NRB members are as follows:
 - a. The Chairperson and NRB members shall have:
 - 1. An academic degree in an engineering or physical science field, or hold a senior management position, and
 - 2. A minimum of five years technical experience in their respective fields of expertise.
 - b. The NRB shall collectively have the experience and competence required to review activities in the following areas:
 - 1. Nuclear Power Plant Operations
 - 2. Nuclear Engineering
 - 3. Chemistry and Radiochemistry
 - 4. Metallurgy
 - 5. Nondestructive Testing
 - 6. Instrumentation and Control
 - 7. Radiological Safety
 - 8. Mechanical and Electrical Engineering

Composition

- 6.5.3.2 The NRB shall consist of no less than the eight, nor more than eleven members including the Chairperson and the Nuclear Unit Director. The Chairperson, and members of the NRB, shall be appointed in writing by the Executive Vice President-Nuclear.

ADMINISTRATIVE CONTROLS

6.5.4 Site Nuclear Review Board (SNRB)

Qualifications

- 6.5.4.1 The minimum qualifications of SNRB members are as follows:
- a. The Chairperson and SNRB members shall have:
 1. An academic degree in an engineering or physical science field, or hold a senior management position, and
 2. A minimum of five years technical experience in their respective field of expertise.
 - b. The SNRB shall collectively have the experience and competence required to review activities in the following areas:
 1. Nuclear Power Plant Operations
 2. Administration
 3. Chemistry and Radiochemistry
 4. Quality Assurance Practices
 5. Radiological Safety

Composition

- 6.5.4.2 SNRB shall consist of no less than six, nor more than nine members including the individual Millstone NRB Chairperson and the Senior Vice President — Millstone Station. The Chairperson, and members, of the SNRB shall be appointed in writing by the Executive Vice President- Nuclear.

Consultants

- 6.5.4.3 Consultants shall be utilized as determined by the SNRB Chairperson to provide expert advice to the SNRB.

Meeting Frequency

- 6.5.4.4 The SNRB shall meet at least once per calendar year.

Quorum

- 6.5.4.5 A quorum of the SNRB shall consist of the Chairperson or a designated alternate and four SNRB members. No more than a minority of the quorum shall have line responsibility for operation of the Station.

Review

- 6.5.4.6 The SNRB shall function as an independent review body and shall review:
- a. Proposed changes in Section 6.0 of these Technical Specifications or Licenses common to all units.

ADMINISTRATIVE CONTROLS

- d. The Safety Limit Violation Report shall be submitted to the Commission, the Chairperson of the NRB, and the Executive Vice President-Nuclear within 14 days of the violation.
- e. Operation shall not be resumed until authorized by the Commission.

6.8 PROCEDURES

6.8.1 Written procedures shall be established, implemented and maintained covering the activities referenced below.

- a. The applicable procedures recommended in Appendix "A" of Regulatory Guide 1.33, February, 1978.
- b. Refueling operations.
- c. Surveillance activities of safety related equipment.
- d. Security Plan Implementation.
- e. Emergency Plan Implementation.
- f. Fire Protection Program Implementation.
- g. Quality Control for effluent monitoring using the guidance in Regulatory Guide 1.21 Rev. 1, June 1974.
- h. Radiological Effluent Monitoring and Offsite Dose Calculation Manual (REMODCM) implementation, except for Section I.E., Radiological Environmental Monitoring.

6.8.2 Each procedure and administrative policy of 6.8.1 above, and changes thereto, shall be reviewed by the PORC/SORC, as applicable, and approved by the Nuclear Unit Director/Senior Vice President — Millstone Station prior to implementation and reviewed periodically as set forth in each document.

6.8.3 Temporary changes to procedures of 6.8.1 above may be made provided:

- a. The intent of original procedure is not altered.
- b. The change is approved by two members of the plant management staff, at least one of whom holds a Senior Reactor Operator's License on the unit affected.
- c. The change is documented, reviewed by the PORC/SORC, as applicable, and approved by the Nuclear Unit Director/Senior Vice President — Millstone Station within 14 days of implementation.

6.8.4 Written procedures shall be established, implemented and maintained covering Section I.E, Radiological Environmental Monitoring, of the REMODCM.

ADMINISTRATIVE CONTROLS

6.15 RADIOLOGICAL EFFLUENT MONITORING AND OFFSITE DOSE CALCULATION MANUAL (REMODCM)

Section I, Radiological Effluents Monitoring Manual (REMM), shall outline the sampling and analysis programs to determine the concentration of radioactive materials released offsite as well as dose commitments to individuals in those exposure pathways and for those radionuclides released as a result of station operation. It shall also specify operating guidelines for radioactive waste treatment systems and report content.

Section II, the Offsite Dose Calculation Manual (ODCM), shall describe the methodology and parameters to be used in the calculation of offsite doses due to radioactive gaseous and liquid effluents and in the calculations of gaseous and liquid effluent monitoring instrumentation alarm/trip setpoints consistent with the applicable LCO's contained in these technical specifications.

Changes to the REMODCM:

- a. Shall be documented and records of reviews performed shall be retained as required by Specification 6.10.2.m. This documentation shall contain:
 - 1) Sufficient information to support the change together with the appropriate analyses or evaluations justifying the change(s), and
 - 2) A determination that the change will maintain the level of radioactive effluent control required by 10 CFR 20.106, 40 CFR Part 190, 10 CFR 50.36a, and Appendix I to 10 CFR Part 50 and not adversely impact the accuracy or reliability of effluent, dose, or setpoint calculations.
- b. Shall become effective after review and acceptance by SORC and the approval of the Senior Vice President — Millstone Station.
- c. Shall be submitted to the Commission in the form of a complete, legible copy of the entire REMM or ODCM, as appropriate, as a part of or concurrent with the Annual Radioactive Effluent Report for the period of the report in which any change was made. Each change shall be identified by markings in the margin of the affected pages, clearly indicating the area of the page that was changed, and shall indicate the date (e.g., month/year) the change was implemented.

Docket No. 50-336
B14694

Attachment 5
Millstone Unit No. 2
Proposed Revision to Technical Specifications
Administrative Changes
Retyped Pages

December 1993

ADMINISTRATIVE CONTROLS

6.1 RESPONSIBILITY

6.1.1 The Senior Vice President — Millstone Station shall be responsible for overall operation of the Millstone Station Site while the Nuclear Unit Director shall be responsible for operation of the unit. The Senior Vice President — Millstone Station and Nuclear Unit Director shall each delegate in writing the succession to these responsibilities during their absence.

6.2 ORGANIZATION

6.2.1 OFFSITE AND ONSITE ORGANIZATIONS

Onsite and offsite organizations shall be established for unit operation and corporate management, respectively. The onsite and offsite organizations shall include the positions for activities affecting the safety of the nuclear power plant.

- a. Lines of authority, responsibility, and communication shall be established and defined for the higher management levels through intermediate levels to and including all operating organization positions. These relationships shall be documented and updated, as appropriate, in the form of organization charts, functional descriptions of departmental responsibilities and relationships, and job descriptions for key personnel positions, or in equivalent forms of documentation. These requirements shall be documented in the Quality Assurance Topical Report.
- b. The Senior Vice President — Millstone Station shall be responsible for overall unit safe operation and shall have control over those onsite activities necessary for safe operation and maintenance of the plant.
- c. The Executive Vice President-Nuclear shall have corporate responsibility for overall plant nuclear safety and shall take any measures needed to ensure acceptable performance of the staff in operation, maintaining, and providing technical support to the plant to ensure nuclear safety.
- d. The individuals who train the operating staff and those who carry out health physics and quality assurance functions may report to the appropriate onsite manager; however, they shall have sufficient organizational freedom to ensure their independence from operating pressures.

6.2.2 FACILITY STAFF

- a. Each on duty shift shall be composed of at least the minimum shift crew composition shown in Table 6.2-1.
- b. At least one licensed Operator shall be in the control room when fuel is in the reactor.
- c. At least two licensed Operators shall be present in the control room during reactor start-up, scheduled reactor shutdown and during recovery from reactor trips.

ADMINISTRATIVE CONTROLS

6.4 TRAINING

- 6.4.1 A retraining and replacement training program for the facility staff shall be maintained under the direction of the Senior Vice President — Millstone Station and shall meet or exceed the requirements and recommendations of Section 5.5 of ANSI N18.1-1971 and 10 CFR Part 55.59. The Director-Nuclear Training has the overall responsibility for the implementation of the Training Program.
- 6.4.2 A training program for the Fire Brigade shall be maintained under the direction of the Director-Nuclear Training and shall meet or exceed the requirements of Section 27 of the NFPA Code-1975, except for Fire Brigade training sessions which shall be held at least quarterly.

6.5 REVIEW AND AUDIT

6.5.1 Plant Operations Review Committee (PORC)

Function

- 6.5.1.1 The PORC shall function to advise the Nuclear Unit Director on all matters related to nuclear safety.

Composition

- 6.5.1.2 The PORC shall be composed of the:

| | |
|----------------------------|--|
| Chairperson: | Nuclear Unit Director |
| Vice Chairperson & Member: | Operations Manager |
| Member: | Maintenance Manager |
| Member: | Instrument and Controls Manager |
| Member: | Reactor Engineer |
| Member: | Radiation Protection Supervisor or Chemistry Supervisor |
| Member: | Engineering Manager |
| Member: | Staff Engineer |

Alternates

- 6.5.1.3 Alternate members shall be appointed in writing by the PORC Chairperson to serve on a temporary basis; however, no more than two alternates shall participate in PORC activities at any one time.

ADMINISTRATIVE CONTROLS

Meeting Frequency

6.5.1.4 The PORC shall meet at least once per calendar month and as convened by the PORC Chairperson.

Quorum

6.5.1.5 A quorum of the PORC shall consist of the Chairperson, or Vice Chairperson, or Senior Vice President — Millstone Station and four members including alternates.

Responsibilities

6.5.1.6 The PORC shall be responsible for:

- a. Review of 1) all procedures, except common site procedures, required by Specification 6.8 and changes thereto, 2) any other proposed procedures or changes thereto as determined by the Nuclear Unit Director to affect nuclear safety.
- b. Review of all proposed tests and experiments that affect nuclear safety.
- c. Review of all proposed changes to Sections 1.0 - 5.0 of these Technical Specifications.
- d. Review of all proposed changes or modifications to plant systems or equipment that affect nuclear safety.
- e. Investigation of all violations of the Technical Specifications and preparation and forwarding of a report covering evaluation and recommendations to prevent recurrence to the Executive Vice President-Nuclear and to the Chairperson of the Nuclear Review Board.
- f. Review of all REPORTABLE EVENTS.
- g. Review of facility operations to detect potential safety hazards.
- h. Performance of special reviews and investigations and reports thereon as requested by the Chairperson of the Nuclear Review Board.
- i. Render determinations in writing if any item considered under 6.5.1.6(a) through (d) above, as appropriate and as provided by 10CFR50.59 or 10CFR50.92, constitutes an unreviewed safety question or requires a significant hazards consideration determination.

ADMINISTRATIVE CONTROLS

Authority

6.5.1.7 The PORC shall:

- a. Recommend to the Nuclear Unit Director written approval or disapproval of items considered under 6.5.1.6(a) through (d) above.
- b. Provide immediate written notification to the Senior Vice President — Millstone Station, Executive Vice President-Nuclear and the Chairperson of the Nuclear Review Board of disagreement between the PORC and the Nuclear Unit Director; however, the Nuclear Unit Director shall have responsibility for resolution of such disagreements pursuant to 6.1.1 above.

Records

6.5.1.8 The PORC shall maintain written minutes of each meeting and copies shall be provided to the Senior Vice President — Millstone Station, and Chairperson of the Nuclear Review Board.

6.5.2 Site Operations Review Committee (SORC)

Function

6.5.2.1 The SORC shall function to advise the Senior Vice President — Millstone Station on all matters related to nuclear safety of the entire Millstone Station Site.

Composition

6.5.2.2 The SORC shall be composed of the:

| | |
|-------------------|--|
| Chairperson: | Senior Vice President — Millstone Station |
| Vice Chairperson: | Senior Nuclear Unit Director in attendance |
| Member: | Unit 1 Director |
| Member: | Unit 2 Director |
| Member: | Unit 3 Director |
| Member: | Unit Services Director |
| Member: | Site Services Director |
| Member: | Designated Member of Unit 1 PORC |
| Member: | Designated Member of Unit 2 PORC |
| Member: | Designated Member of Unit 3 PORC |
| Member: | Supervisor Plant Quality Services |

Alternates:

6.5.2.3 Alternate members shall be appointed in writing by the SORC Chairperson to serve on a temporary basis; however, no more than two alternates shall participate in SORC activities at one time.

ADMINISTRATIVE CONTROLS

Meeting Frequency

6.5.2.4 The SORC shall meet at least once per six months and as convened by the SORC Chairperson.

Quorum

6.5.2.5 A quorum of the SORC shall consist of the Chairperson or Vice Chairperson and five members including alternates.

Responsibilities

6.5.2.6 The SORC shall be responsible for:

- a. Review of 1) all common site procedures required by Specification 6.8 and changes thereto, 2) any other proposed procedures or changes thereto as determined by the Senior Vice President — Millstone Station to affect site nuclear safety.
- b. Review of all proposed changes to Section 6.0 "Administrative Control;" of these Technical Specifications.
- c. Performance of special reviews and investigations and reports as requested by the Chairperson of the Site Nuclear Review Board.
- d. Review of the Plant Security Plan and implementing procedures and shall submit changes to the Chairperson of the Site Nuclear Review Board.
- e. Review of the Emergency Plan and implementing procedures and shall submit recommended changes to the Chairperson of the Site Nuclear Review Board.
- f. Review of all common site proposed tests and experiments that affect nuclear safety.
- g. Review of all common site proposed changes or modifications to systems or equipment that affect nuclear safety.
- h. Render determinations in writing or meeting minutes if any item considered under 6.5.2.6(a) through (g) above, as appropriate and as provided by 10CFR50.59 or 10CFR50.92, constitutes an unreviewed safety question or requires a significant hazards consideration determination.

Authority

6.5.2.7 The SORC shall:

- a. Recommend to the Senior Vice President— Millstone Station written approval or disapproval in meeting minutes of items considered under 6.5.2.6(a) through (g) above.

ADMINISTRATIVE CONTROLS

- b. Provide immediate written notification or meeting minutes to the Executive Vice President-Nuclear and the Chairperson of the Site Nuclear Review Board of disagreement between the SORC and the Senior Vice President — Millstone Station; however, the Senior Vice President — Millstone Station shall have responsibility for resolution of such disagreements pursuant to 6.1.1 above.

Records

- 6.5.2.8 The SORC shall maintain written minutes of each meeting and copies shall be provided to the Senior Vice President — Millstone Station and Chairperson of the Site Nuclear Review Board.

6.5.3 Nuclear Review Board (NRB)

Qualifications

- 6.5.3.1 The minimum qualifications of NRB members are as follows:
 - a. The Chairperson and NRB members shall have:
 - 1. An academic degree in an engineering or physical science field, or hold a senior management position, and
 - 2. A minimum of five years technical experience in their respective field of expertise.
 - b. The NRB shall collectively have the experience and competence required to review activities in the following areas:
 - 1. Nuclear Power Plant Operations
 - 2. Nuclear Engineering
 - 3. Chemistry and Radiochemistry
 - 4. Metallurgy
 - 5. Nondestructive Testing
 - 6. Instrumentation and Control
 - 7. Radiological Safety
 - 8. Mechanical and Electrical Engineering

Composition

- 6.5.3.2 The NRB shall consist of no less than the eight, nor more than eleven members including the Chairperson and the Nuclear Unit Director. The Chairperson, and members of the NRB shall be appointed in writing by the Executive Vice President-Nuclear.

ADMINISTRATIVE CONTROLS

6.5.4 Site Nuclear Review Board (SNRB)

Qualifications

6.5.4.1 The minimum qualifications of SNRB members are as follows:

- a. The Chairperson and SNRB members shall have:
 1. An academic degree in an engineering or physical science field, or hold a senior management position, and
 2. A minimum of five years technical experience in their respective field of expertise.
- b. The SNRB shall collectively have the experience and competence required to review activities in the following areas:
 1. Nuclear Power Plant Operations
 2. Administration
 3. Chemistry and Radiochemistry
 4. Quality Assurance Practices
 5. Radiological Safety

Composition

6.5.4.2 The SNRB shall consist of no less than six, nor more than nine members including the individual Millstone NRB Chairperson and the Senior Vice President — Millstone Station. The Chairperson and members of the SNRB shall be appointed in writing by the Executive Vice President-Nuclear.

Consultants

6.5.4.3 Consultants shall be utilized as determined by the SNRB Chairperson to provide expert advice to the SNRB.

Meeting Frequency

6.5.4.4 The SNRB shall meet at least once per calendar year.

Quorum

6.5.4.5 A quorum of the SNRB shall consist of the Chairperson or a designated alternate and four SNRB members. No more than a minority of the quorum shall have line responsibility for operation of the Station.

Review

6.5.4.6 The SNRB shall function as an independent review body and shall review:

- a. Proposed changes in Section 6.0 of these Technical Specifications or Licenses common to all units.

ADMINISTRATIVE CONTROLS

- d. The Safety Limit Violation Report shall be submitted to the Commission, the Chairperson of the NRE, and the Executive Vice President-Nuclear within 14 days of the violations.
- e. Operation shall not be resumed until authorized by the Commission.

6.8 PROCEDURES

- 6.8.1 Written procedures shall be established, implemented and maintained covering the activities referenced below:
 - a. The applicable procedures recommended in Appendix "A" of Regulatory Guide 1.33, February, 1978.
 - b. Refueling operations.
 - c. Surveillance activities of safety related equipment.
 - d. Security Plan implementation.
 - e. Emergency Plan implementation.
 - f. Fire Protection Program implementation.
 - g. Quality Control for effluent monitoring using the guidance in Regulatory Guide 1.21 Rev. 1, June 1974.
 - h. Radiological Effluent Monitoring and Offsite Dose Calculation Manual (REMDCM) implementation, except for Section I.E., Radiological Environmental Monitoring.
- 6.8.2 Each procedure and administrative policy of 6.8.1 above, and changes thereto, shall be reviewed by the PORC/SORC, as applicable, and approved by the Nuclear Unit Director/Senior Vice President — Millstone Station prior to implementation and reviewed periodically as set forth in each document.
- 6.8.3 Temporary changes to procedures of 6.8.1 above may be made provided:
 - a. The intent of original procedure is not altered.
 - b. The change is approved by two members of the plant management staff, at least one of whom holds a Senior Reactor Operator's License on the unit affected.
 - c. The change is documented, reviewed by the PORC/SORC, as applicable, and approved by the Nuclear Unit Director/Senior Vice President — Millstone Station within 14 days of implementation.
- 6.8.4 Written procedures shall be established, implemented and maintained covering Section I.E, Radiological Environmental Monitoring, of the REMDCM.

to the REMDCM:
technical specifications.

ADMINISTRATIVE CONTROLS

- d. The Safety Limit Violation Report shall be submitted to the Commission, the Chairperson of the NRB, and the Executive Vice President-Nuclear within 14 days of the violations.
- e. Operation shall not be resumed until authorized by the Commission.

6.8 PROCEDURES

- 6.8.1 Written procedures shall be established, implemented and maintained covering the activities referenced below:
 - a. The applicable procedures recommended in Appendix "A" of Regulatory Guide 1.33, February, 1978.
 - b. Refueling operations.
 - c. Surveillance activities of safety related equipment.
 - d. Security Plan implementation.
 - e. Emergency Plan implementation.
 - f. Fire Protection Program implementation.
 - g. Quality Control for effluent monitoring using the guidance in Regulatory Guide 1.21 Rev. 1, June 1974.
 - h. Radiological Effluent Monitoring and Offsite Dose Calculation Manual (REMODCM) implementation, except for Section I.E., Radiological Environmental Monitoring.
- 6.8.2 Each procedure and administrative policy of 6.8.1 above, and changes thereto, shall be reviewed by the PORC/SORC, as applicable, and approved by the Nuclear Unit Director/Senior Vice President — Millstone Station prior to implementation and reviewed periodically as set forth in each document.
- 6.8.3 Temporary changes to procedures of 6.8.1 above may be made provided:
 - a. The intent of original procedure is not altered.
 - b. The change is approved by two members of the plant management staff, at least one of whom holds a Senior Reactor Operator's License on the unit affected.
 - c. The change is documented, reviewed by the PORC/SORC, as applicable, and approved by the Nuclear Unit Director/Senior Vice President — Millstone Station within 14 days of implementation.
- 6.8.4 Written procedures shall be established, implemented and maintained covering Section I.E, Radiological Environmental Monitoring, of the REMODCM.

ADMINISTRATIVE CONTROLS

6.15 RADIOLOGICAL EFFLUENT MONITORING AND OFFSITE DOSE CALCULATION MANUAL (REMODCM)

Section I, Radiological Effluents Monitoring Manual (REMM), shall outline the sampling and analysis programs to determine the concentration of radioactive materials released offsite as well as dose commitments to individuals in those exposure pathways and for those radionuclides released as a result of station operation. It shall also specify operating guidelines for radioactive waste treatment systems and report content.

Section II, the Offsite Dose Calculation Manual (ODCM), shall describe the methodology and parameters to be used in the calculation of offsite doses due to radioactive gaseous and liquid effluents and in the calculations of gaseous and liquid effluent monitoring instrumentation Alarm/Trip Setpoints consistent with the applicable LCO's contained in these Technical Specifications.

Changes to the REMODCM:

- a. Shall be documented and records of reviews performed shall be retained as required by Specification 6.10.2m. This documentation shall contain:
 - 1) Sufficient information to support the change together with the appropriate analyses or evaluations justifying the change(s), and
 - 2) A determination that the change will maintain the level of radioactive effluent control required by 10 CFR 20.106, 40 CFR Part 190, 10 CFR 50.36a, and Appendix I to 10 CFR Part 50 and not adversely impact the accuracy or reliability of effluent, dose, or setpoint calculations.
- b. Shall become effective after review and acceptance by SORC and the approval of the Senior Vice President — Millstone Station.
- c. Shall be submitted to the Commission in the form of a complete, legible copy of the entire REMM or ODCM, as appropriate, as a part of or concurrent with the Annual Radioactive Effluent Report for the period of the report in which any change was made. Each change shall be identified by markings in the margin of the affected pages, clearly indicating the area of the page that was changed, and shall indicate the date (e.g., month/year) the change was implemented.

Docket No. 50-423
B14694

Attachment 6
Millstone Unit No. 3
Proposed Revision to Technical Specifications
Administrative Changes
Retyped Pages

December 1993

ADMINISTRATIVE CONTROLS

6.1 RESPONSIBILITY

6.1.1 The Senior Vice President - Millstone Station shall be responsible for overall operation of the Millstone Station site while the Nuclear Unit Director shall be responsible for operation of the unit. The Senior Vice President - Millstone Station and Nuclear Unit Director shall each delegate in writing the succession to these responsibilities during their absence.

6.2 ORGANIZATION

6.2.1 OFFSITE AND ONSITE ORGANIZATIONS

Onsite and offsite organizations shall be established for unit operation and corporate management, respectively. The onsite and offsite organizations shall include the positions for activities affecting the safety of the nuclear power plant.

- a. Lines of authority, responsibility, and communication shall be established and defined for the highest management levels through intermediate levels to and including all operating organization positions. These relationships shall be documented and updated, as appropriate, in the form of organization charts, functional descriptions of departmental responsibilities and relationships, and job descriptions for key personnel positions, or in equivalent forms of documentation. These requirements shall be documented in the Quality Assurance Topical Report.
- b. The Senior Vice President - Millstone Station shall be responsible for overall unit safe operation and shall have control over those onsite activities necessary for safe operation and maintenance of the plant.
- c. The Executive Vice President-Nuclear shall have corporate responsibility for overall plant nuclear safety and shall take any measures needed to ensure acceptable performance of the staff in operating, maintaining, and providing technical support to the plant to ensure nuclear safety.
- d. The individuals who train the operating staff and those who carry out health physics and quality assurance functions may report to the appropriate onsite manager; however, they shall have sufficient organizational freedom to ensure their independence from operating pressures.

6.2.2 FACILITY STAFF

- a. Each on-duty shift shall be composed of at least the minimum shift crew composition shown in Table 6.2-1;

ADMINISTRATIVE CONTROLS

6.3 FACILITY STAFF QUALIFICATIONS

6.5.1 Each member of the facility staff shall meet or exceed the minimum qualifications of ANSI N18.1-1971 for comparable positions, except for the Health Physics Manager who shall meet or exceed the qualifications of Regulatory Guide 1.8, Revision 1, May 1977.

6.4 TRAINING

6.4.1 A retraining and replacement training program for the facility staff shall be maintained under the direction of the Senior Vice President - Millstone Station and shall meet or exceed the requirements and recommendations of Section 5.5 of ANSI N18.1-1971 and 10 CFR Part 55.59. The Director-Nuclear Training has the overall responsibility for the implementation of the Training Program.

6.4.2 Deleted.

6.5 REVIEW AND AUDIT

6.5.1 PLANT OPERATIONS REVIEW COMMITTEE (PORC)

FUNCTION

6.5.1.1 The PORC shall function to advise the Nuclear Unit Director on all matters related to nuclear safety.

COMPOSITION

6.5.1.2 The PORC shall be composed of the:

| | |
|------------------------------|--|
| Chairperson: | Nuclear Unit Director |
| Vice Chairperson and Member: | Operations Manager |
| Member: | Maintenance Manager |
| Member: | Instrument and Controls Manager |
| Member: | Reactor Engineer |
| Member: | Radiation Protection Supervisor or Chemistry Supervisor |
| Member: | Engineering Manager |
| Member: | Staff Engineer |

ADMINISTRATIVE CONTROLS

ALTERNATES

6.5.1.3 All alternate members shall be appointed in writing by the PORC Chairperson to serve on a temporary basis; however, no more than two alternates shall participate as voting members in PORC activities at any one time.

MEETING FREQUENCY

6.5.1.4 The PORC shall meet at least once per calendar month and as convened by the PORC Chairperson.

QUORUM

6.5.1.5 The quorum of the PORC shall consist of the Chairperson or Vice Chairperson or Senior Vice President - Millstone Station and four members including alternates.

RESPONSIBILITIES

6.5.1.6 The PORC shall be responsible for:

- a. Review of: (1) all procedures, except common site procedures, required by Specification 6.8 and changes thereto, and (2) any other proposed procedures or changes thereto as determined by the Nuclear Unit Director to affect nuclear safety;
- b. Review of all proposed tests and experiments that affect nuclear safety;
- c. Review of all proposed changes to Sections 1.0-5.0 of these Technical Specifications;
- d. Review of all proposed changes or modifications to plant systems or equipment that affect nuclear safety;
- e. Investigation of all violations of the Technical Specifications, including the preparation and forwarding of reports covering evaluation and recommendations to prevent recurrence, to the Executive Vice President-Nuclear and to the Chairperson of the Nuclear Review Board;
- f. Review of all REPORTABLE EVENTS;
- g. Review of facility operations to detect potential safety hazards;
- h. Performance of special reviews, investigations, or analyses and reports thereon as requested by the Chairperson of the Nuclear Review Board or the Senior Vice President - Millstone Station; and
- i. Render determinations in writing if any item considered under Specification 6.5.1.6a. through d. above, as appropriate and as provided by 10CFR50.59 or 10CFR50.92, constitutes an unreviewed safety question, or requires a significant hazards consideration determination.
- j. Review of Unit Turbine Overspeed Protection Maintenance and Testing Program and revision thereto.
- k. Review of the Fire Protection Program and implementing procedures.

ADMINISTRATIVE CONTROLS

AUTHORITY

6.5.1.7 The PORC shall:

- a. Recommend to the Nuclear Unit Director written approval or disapproval of items considered under Specification 6.5.1.6a. through d. above; and
- b. Provide written notification to the Senior Vice President - Millstone Station, Executive Vice President-Nuclear and the Chairperson of the Nuclear Review Board of disagreement between the PORC and the Nuclear Unit Director; however, the Nuclear Unit Director shall have responsibility for resolution of such disagreements pursuant to Specification 6.1.1.

RECORDS

6.5.1.8 The PORC shall maintain written minutes of each meeting and copies shall be provided to the Senior Vice President - Millstone Station and the Chairperson of the Nuclear Review Board.

6.5.2 SITE OPERATIONS REVIEW COMMITTEE (SORC)

FUNCTION

6.5.2.1 The SORC shall function to advise the Senior Vice President - Millstone Station on all matters related to nuclear safety of the entire Millstone Station Site.

COMPOSITION

6.5.2.2 The SORC shall be composed of the:

| | |
|-------------------|--|
| Chairperson: | Senior Vice President - Millstone Station |
| Vice Chairperson: | Senior Nuclear Unit Director in attendance |
| Member: | Unit 1 Director |
| Member: | Unit 2 Director |
| Member: | Unit 3 Director |
| Member: | Unit Services Director |
| Member: | Site Services Director |
| Member: | Designated Member of Unit 1 PORC |
| Member: | Designated Member of Unit 2 PORC |
| Member: | Designated Member of Unit 3 PORC |
| Member: | Supervisor Plant Quality Services |

ALTERNATES

6.5.2.3 Alternate members shall be appointed in writing by the SORC Chairperson to serve on a temporary basis; however, no more than two alternates shall participate in SORC activities at one time.

MEETING FREQUENCY

6.5.2.4 The SORC shall meet at least once per 6 months and as convened by the SORC Chairperson.

ADMINISTRATIVE CONTROLS

QUORUM

6.5.2.5 A quorum of the SORC shall consist of the Chairperson or Vice Chairperson and five members including alternates.

RESPONSIBILITIES

6.5.2.6 The SORC shall be responsible for:

- a. Review of (1) all common site procedures required by Specification 6.8 and changes thereto, (2) any other proposed procedures or changes thereto as determined by the Senior Vice President - Millstone Station to affect site nuclear safety;
- b. Review of all proposed changes to Section 6.0 "Administrative Controls" of these Technical Specifications;
- c. Performance of special reviews and investigations and reports as requested by the Chairperson of the Site Nuclear Review Board;
- d. Review of the Plant Security Plan and implementing procedures and submittal of recommended changes to the Chairperson of the Site Nuclear Review Board;
- e. Review of the Emergency Plan and implementing procedures, and submittal of recommended changes to the Chairperson of the Site Nuclear Review Board;
- f. Review of all common site proposed tests and experiments that affect nuclear safety;
- g. Review of all common site proposed changes or modifications to systems or equipment that affect nuclear safety; and
- h. Render determinations in writing or meeting minutes if any item considered under Specification 6.5.2.6(a) through (g) above, as appropriate and as provided by 10CFR50.59 or 10CFR50.92 constitutes an unreviewed safety question or requires a significant hazards consideration determination.
- i. Review of the common site Fire Protection Program and implementing procedures.

AUTHORITY

6.5.2.7 The SORC shall:

- a. Recommend to the Senior Vice President - Millstone Station written approval or disapproval in meeting minutes of items considered under Specification 6.5.2.6(a) through (g) above, and
- b. Provide immediate written notification or meeting minutes to the Executive Vice President-Nuclear and the Chairperson of the Site Nuclear Review Board of disagreement between the SORC and the Senior Vice President - Millstone Station; however, the Senior Vice President - Millstone Station shall have responsibility for resolution of such disagreements pursuant to 6.1.1 above.

RECORDS

6.5.2.8 The SORC shall maintain written minutes of each meeting and copies shall be provided to the Senior Vice President - Millstone Station and Chairperson of the Site Nuclear Review Board.

ADMINISTRATIVE CONTROLS

6.5.3 NUCLEAR REVIEW BOARD (NRB)

FUNCTION

6.5.3.1 The minimum qualifications of the NRB members are as follows:

- a. The Chairperson and NRB members shall have:
 - 1) an academic degree in an engineering or physical science field, or hold a senior management position, and
 - 2) a minimum of five years technical experience in their respective field of expertise.
- b. The NRB shall collectively have the experience and competence required to review activities in the following areas:
 1. Nuclear Power Plant Operations
 2. Nuclear Engineering
 3. Chemistry and Radiochemistry
 4. Metallurgy
 5. Nondestructive testing
 6. Instrumentation and Control
 7. Radiological Safety
 8. Mechanical and Electrical Engineering

COMPOSITION

6.5.3.2 The NRB shall consist of no less than the eight, nor more than eleven members including the Chairperson and the Nuclear Unit Director. The Chairperson and members of the NRB shall be appointed in writing by the Executive Vice President-Nuclear.

CONSULTANTS

6.5.3.3 Consultants shall be utilized as determined by the NRB Chairperson to provide expert advice to the NRB.

MEETING FREQUENCY

6.5.3.4 The NRB shall meet at least once per calendar quarter during the initial year of facility operation following fuel loading and at least once per 6 months thereafter.

QUORUM

6.5.3.5 The quorum of the NRB necessary for the performance of the NRB review and audit functions of these Technical Specifications shall consist of at least enough members to constitute a majority of the assigned members including the Chairperson or a designated alternate. No more than a minority of the quorum shall have line responsibility for operation of the unit.

ADMINISTRATIVE CONTROLS

AUTHORITY

6.5.3.8 The NRB shall report to and advise the Executive Vice President - Nuclear on those areas of responsibility specified in Sections 6.5.3.6 and 6.5.3.7. Meeting minutes may be used for this purpose.

RECORDS

6.5.3.9 Records of NRB activities shall be prepared, approved, and distributed as indicated below:

- a. Minutes of each NRB meeting shall be prepared, approved, and forwarded to the Executive Vice President-Nuclear, within 14 days following each meeting;
- b. Reports of reviews encompassed by Specification 6.5.3.6 shall be prepared, approved, and forwarded to the Executive Vice President-Nuclear, within 14 days following completion of the review. NRB Meeting Minutes may be used for this purpose;
- c. Audit reports encompassed by Specification 6.5.3.7 shall be forwarded to the Executive Vice President-Nuclear, and to the management positions responsible for the areas audited within 30 days after completion of the audit.

6.5.4 SITE NUCLEAR REVIEW BOARD (SNRB)

6.5.4.1 The minimum qualifications of SNRB members are as follows:

- a. The chairperson and SNRB members shall have:
 - 1) an academic degree in an engineering or physical science field, or hold a senior management position, and
 - 2) a minimum of five years technical experience in their respective field of expertise.
- b. The SNRB shall collectively have the experience and competence required to review activities in the following areas:
 - 1) Nuclear Power Plant Operations
 - 2) Administration
 - 3) Chemistry and Radiochemistry
 - 4) Quality Assurance Practices
 - 5) Radiological Safety

COMPOSITION

6.5.4.2 The SNRB shall consist of no less than six, nor more than nine members including the individual Millstone NRB Chairperson and the Senior Vice President - Millstone Station. The Chairperson and members of the SNRB shall be appointed in writing by the Executive Vice President-Nuclear.

ADMINISTRATIVE CONTROLS

PROCEDURES AND PROGRAMS (Continued)

6.8.2 Each procedure of Specification 6.8.1, and changes thereto, shall be reviewed by the PORC/SORC, as appropriate, and shall be approved by the Nuclear Unit Director/Senior Vice President - Millstone Station prior to implementation and reviewed periodically as set forth in administrative procedures.

6.8.3 Temporary changes to procedures of Specification 6.8.1 may be made provided:

- a. The intent of the original procedure is not altered;
- b. The change is approved by two members of the plant management staff, at least one of whom holds a Senior Operator license on the unit affected; and
- c. The change is documented, reviewed by the PORC/SORC, as appropriate, and approved by the Nuclear Unit Director/Senior Vice President - Millstone Station within 14 days of implementation.

6.8.4 The following programs shall be established, implemented, and maintained:

a. Primary Coolant Sources Outside Containment

A program to reduce leakage from those portions of systems outside containment that could contain highly radioactive fluids during a serious transient or accident to as low as practical levels. The systems include the recirculation spray, Safety Injection, charging portion of chemical and volume control, and hydrogen recombiners. The program shall include the following:

- 1) Preventive maintenance and periodic visual inspection requirements, and
- 2) Integrated leak test requirements for each system at refueling cycle intervals or less.

b. In-Plant Radiation Monitoring

A program which will ensure the capability to accurately determine the airborne iodine concentration in vital areas under accident conditions. This program shall include the following:

- 1) Training of personnel,
- 2) Procedures for monitoring, and
- 3) Provisions for maintenance of sampling and analysis equipment.

ADMINISTRATIVE CONTROLS

6.13 RADIOLOGICAL EFFLUENT MONITORING AND OFFSITE DOSE CALCULATION MANUAL (REMODCM)

Section I, Radiological Effluent Monitoring Manual (REMM), shall outline the sampling and analysis programs to determine the concentration of radioactive materials released offsite as well as dose commitments to individuals in those exposure pathways and for those radionuclides released as a result of station operation. It shall also specify operating guidelines for radioactive waste treatment systems and report content.

Section II, the Offsite Dose Calculation Manual (ODCM), shall describe the methodology and parameters to be used in the calculation of offsite doses due to radioactive gaseous and liquid effluents and in the calculations of gaseous and liquid effluent monitoring instrumentation alarm/trip setpoints consistent with the applicable LCOs contained in these technical specifications.

Changes to the REMODCM:

- a. Shall be documented and records of reviews performed shall be retained as required by Specification 6.10.30. This documentation shall contain:
 - 1) Sufficient information to support the change together with the appropriate analyses or evaluations justifying the change(s), and
 - 2) A determination that the change will maintain the level of radioactive effluent control required by 10 CFR 20.106, 40 CFR Part 190, 10 CFR 50.36a, and Appendix I to 10 CFR Part 50 and not adversely impact the accuracy or reliability of effluent, dose, or setpoint calculations.
- b. Shall become effective after review and acceptance by SORC and the approval of the Senior Vice President - Millstone Station.
- c. Shall be submitted to the Commission in the form of a complete, legible copy of the entire REMM or ODCM, as appropriate, as a part of or concurrent with the Annual Radioactive Effluent Report for the period of the report in which any change was made. Each change shall be identified by markings in the margin of the affected pages, clearly indicating the area of the page that was changed, and shall indicate the date (e.g., month/year) the change was implemented.

6.14 RADIOACTIVE WASTE TREATMENT

Procedures for liquid and gaseous radioactive effluent discharges from the Unit shall be prepared, approved, maintained and adhered to for all operations involving offsite releases of radioactive effluents. These procedures shall specify the use of appropriate waste treatment systems utilizing the guidance provided in the REMODCM.

The Solid Radioactive Waste Treatment System shall be operated in accordance with the Process Control Program to process wet radioactive wastes to meet shipping and burial ground requirements.