

**NORTHEAST UTILITIES**

THE CONNECTICUT LIGHT AND POWER COMPANY  
WESTERN MASSACHUSETTS ELECTRIC COMPANY  
HOLYOKE WATER POWER COMPANY  
NORTHEAST UTILITIES SERVICE COMPANY  
NORTHEAST NUCLEAR ENERGY COMPANY

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November 18, 1985

Docket No. 50-423  
B11847

Director of Nuclear Reactor Regulation  
Mr. B. J. Youngblood, Chief  
Licensing Branch No. 1  
Division of Licensing  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Reference: (1) B. J. Youngblood letter to W. G. Council, Safety Evaluation  
Report for Millstone Unit No. 3, dated August 2, 1984.

Dear Sir:

Millstone Nuclear Power Station, Unit No. 3  
Regulatory Requirement Review Report

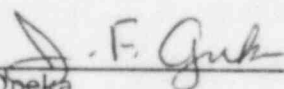
Northeast Nuclear Energy Company (NNECO) has performed a review to confirm that Millstone Unit No. 3 meets the applicable requirements of 10 CFR parts 20, 50, 51 and 100. The results of this review are contained in the attached report. Reference (1) indicated the NRC Staff would be requesting this information.

If you have any questions regarding this submittal, please contact our licensing staff directly.

Very truly yours,

NORTHEAST NUCLEAR ENERGY COMPANY  
et. al.

BY NORTHEAST NUCLEAR ENERGY COMPANY  
Their Agent

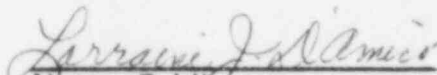
  
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J. F. Opeka  
Senior Vice President

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STATE OF CONNECTICUT    )  
                                  ) ss. Berlin  
COUNTY OF HARTFORD    )

Then personally appeared before me J. F. Opeka, who being duly sworn, did state that he is Senior Vice President of Northeast Nuclear Energy Company, an Applicant herein, that he is authorized to execute and file the foregoing information in the name and on behalf of the Applicants herein and that the statements contained in said information are true and correct to the best of his knowledge and belief.

  
Notary Public

My Commission Expires March 31, 1988

COMPLIANCE OF MILLSTONE NUCLEAR POWER STATION, UNIT NO. 3  
WITH THE NRC REGULATIONS OF 10 CFR PART 20, 50, 51, AND 100

(REVISED AS OF APRIL 1, 1985)

| <u>Regulation<br/>(10 CFR)</u> | <u>Compliance</u>  |
|--------------------------------|--|
| 20.1(a)                        | This regulation states the general purpose for which the Part 20 regulations were established and does not impose any independent obligations on licensees.  |
| 20.1(b)                        | This regulation describes the overall purpose of the Part 20 regulations to control the possession, use, and transfer of licensed material by any licensee such that the total dose to an individual will not exceed the standard therein. It does not impose any independent obligations on licensees.  |
| 20.1(c)                        | Conformance to the ALARA principle stated in this regulation is through a Northeast Utilities' Nuclear Engineering and Operations Policy Statement which is implemented by the program entitled, "Northeast Utilities Corporate Management Program for Maintaining Occupational Radiation Exposures as Low as Reasonably Achievable." Section 12.1 of the FSAR describes this program. |
| 20.2                           | This regulation establishes the applicability of the Part 20 regulations and imposes no independent obligations on those licensees to which they apply.  |
| 20.3                           | The definitions contained in this regulation are adhered to in all appropriate technical specifications, procedures and in applicable sections of the FSAR.  |
| 20.4                           | The units of radiation dose specified in this regulation are accepted and conformed to in the Millstone Unit No. 3 FSAR, Technical Specifications, and all applicable station procedures.  |
| 20.5                           | The units of radioactivity specified in this regulation are accepted and conformed to in the Millstone Unit No. 3 FSAR, Technical Specifications, and all applicable station procedures.   |
| 20.6                           | This regulation governs the interpretation of regulations by the NRC and does not impose any independent obligations on licensees.   |
| 20.7                           | This regulation gives the address of the NRC and does not impose independent obligations on licensees.   |

Regulation  
(10 CFR)

Compliance

- 20.8 This regulation specifies the information collection requirements of the Paperwork Reduction Act. It does not impose independent obligations on licensees.
- 20.101 The radiation dose limits specified in this regulation are complied with through the implementation of a Northeast Utilities' Corporate Standardized Health Physics Procedure (SHPP) and a Millstone Station Procedure (MSP). Conformance is documented through the use of thermoluminescent dosimeters and the maintenance of required records.
- 20.102 When required by this regulation, the accumulated dose for any individual permitted to exceed the exposure limits specified in 20.101(a) is determined by the use of Form NRC-4 or its equivalent. SHPPs and MSPs control this process.
- 20.103(a) Compliance with this regulation is through the implementation of SHPPs. The systems and equipment described in Chapters 11 and 12 of the FSAR provide the capability to implement these procedures.
- 20.103(b) Appropriate process and engineering controls, as described in Chapters 11 and 12, have been included in the Millstone Unit No. 3 design to maintain levels of airborne radioactivity as low as practicable. When necessary, as determined by the above-referenced procedures, additional precautionary measures will be utilized to limit the potential intake of radioactive materials.
- 20.103(c) The Millstone Station respiratory protection procedures, referenced above, implement the requirements of this regulation by ensuring proper use of approved respiratory protection equipment. Millstone maintains an approved respiratory protection program which incorporates the guidance of Regulatory Guide 8.15 and NUREG-004 I.
- 20.103(d) This regulation describes further restrictions which the Commission may impose on licensees. It does not impose any independent obligations on licensees.
- 20.103(e)  
20.103(f) Millstone maintains an approved respiratory protection program and all of its respiratory protection equipment is certified.
- 20.103(g) The notification required by this regulation will be performed at the appropriate time.

Regulation  
(10 CFR)

Compliance

- 20.104 Conformance with this regulation is through the implementation of SHPPs and MSPs.
- 20.105(a) The information and related dose assessments specified by this regulation are in Chapter 11 of the FSAR.
- 20.105(b) The radiation dose rate limits specified in this regulation are complied with through the implementation of corporate and station procedures, technical specifications, and administrative policies which control the use and transfer of radioactive material.
- 20.105(c) This regulation refers to 40 CFR Part 190, "Environmental Radiation Protection Standards for Nuclear Power Operations." It does not impose any independent obligations on licensees.
- 20.106(a) Conformance with this regulation is through the equipment and instrumentation described in Chapters 11 and 12 of the FSAR and implementation of station procedures and applicable technical specifications which provide adequate sampling and analyses and monitoring of radioactive materials in effluents prior to and during their release.
- 20.106(b) The licensees have not requested and do not intend to  
20.106(c) request any approval of limits higher than those specified in 20.106(a), as provided for in these regulations.
- 20.106(d) Appropriate allowances for dilution and dispersion are made in conformance with this regulation and are detailed in Chapter 11 of the FSAR.
- 20.106(e) This regulation provides criteria by which the Commission may impose further limitations on releases of radioactive material by a licensee. It imposes no independent obligations on licensees.
- 20.106(f) This regulation states that the provisions of 20.106 do not apply to disposal of radioactive material into sanitary sewerage systems. It imposes no independent obligations on the licensees.
- 20.106(g) This regulation refers to 40 CFR Part 190. It does not impose independent obligations on licensees.
- 20.107 This regulation clarifies that the Part 20 regulations are not intended to apply to the intentional exposure of patients to radiation for the purpose of medical diagnosis or therapy. It does not impose independent obligations on licensees.

Regulation  
(10 CFR)

Compliance

- 20.108 Bioassay equipment and procedures, including whole-body counting, are utilized at the station to determine individuals' radiation dose from exposure to concentrations of radioactive materials. SHPPs and MSPs implement this program.
- 20.201 Surveys required by this regulation are performed at adequate frequencies and contain such detail as to be consistent with the radiation hazard being evaluated. Conformance with the regulation is through the implementation of SHPPs and MSPs.
- 20.202(a) Compliance with this regulation is through implementations of SHPPs and MSPs which set forth requirements for dosimetry issue.
- 20.202(b) The terminology set forth in this regulation is accepted and conformed to or defined in a manner which exceeds the intent of 20.202(b). SHPPs and MSPs define radiation area.
- 20.203(a) All materials used for labeling, posting, or otherwise, designating radiation hazards or radioactive materials, and using the radiation symbol, conform to the conventional design prescribed by this regulation.
- 20.203(b) Conformance to this regulation is through the implementation of SHPP.
- 20.203(c) Conformance to this regulation is through the implementation of SHPPs and MSPs. It should be noted that Technical Specification 6.12.1 provides alternate access control "in lieu of the 'control device' or 'alarm signal' required by paragraph 20.203(c)(2) of 10 CFR 20."
- 20.203(d) Each Airborne Radioactivity Area, as defined in this regulation, is required to be posted by the provisions of SHPPs and MSPs.
- 20.203(e) Conformance with this regulation for the posting of areas or rooms as radioactive materials areas is by implementation of a SHPP and a MSP.
- 20.203(f) Conformance with the container labeling requirements of this section is by implementation of a MSP.
- 20.204 The posting requirement exceptions described in this regulation are used where appropriate and necessary.



Regulation  
(10 CFR)

Compliance

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|--------|---|
| 20.205 | Conformance with this regulation is through implementation of a MSP.  |
| 20.206 | The requirements of 10 CFR 19.12, referred to by this regulation, are satisfied by the training programs conducted by the Nuclear Training Department at the station and at the corporate office. Conformance with this regulation is through implementation of SHPPs and MSPs. |
| 20.207 | Conformance with this regulation is through the implementation of MSPs.   |
| 20.301 | Conformance with the requirements for waste disposal set forth in this regulation is by the waste disposal system described in Chapter 11 of the FSAR and implementation of MSPs.   |
| 20.302 | No such application for proposed disposal procedures, as described in this regulation, has been made or is being contemplated for Millstone Unit No. 3.   |
| 20.303 | No plans for release into sanitary sewerage systems, as provided for in this regulation, are contemplated.  |
| 20.305 | Authorization for disposal of wastes by incineration, as described in this regulation, is not being sought at this time.  |
| 20.306 | This regulation describes the disposal requirements for specific wastes. Conformance to this regulation is through implementation of the systems and processes described in Chapter 11 of the FSAR and a MSP.   |
| 20.311 | This regulation sets forth the requirements to control radioactive waste intended for disposal at a land disposal facility. Conformance with this regulation is through the implementation of MSPs.   |
| 20.401 | The requirements of this regulation are met through implementation of the Northeast Utilities' Nuclear Plant Records Manual and Millstone Station Administrative Control Procedures.  |
| 20.402 | Conformance to the reporting requirements of these regulations is through implementation of a MSP which complies with these regulations.  |
| 20.403 |   |
| 20.405 |   |

Regulation  
(10 CFR)

Compliance

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|------------------|--|
| 20.407           | Conformance to this regulation which requires an annual report of personnel monitoring results is through implementation of Millstone Administrative Control Procedures. |
| 20.408<br>20.409 | Conformance to these regulations requiring notification and reports to individuals is by implementation of Millstone Administrative Control Procedures.                  |
| 20.501           | This regulation provides for the granting of exemptions to the regulations. It does not impose any independent obligations on licensees.                                 |
| 20.502           | This regulation provides means for the Commission to impose additional requirements on licensees. It does not impose any independent obligations on licensees.           |
| 20.601           | This regulation provides for action the Commission may take in order to enforce its regulations. It does not impose any independent obligations on licensees.            |



Regulation  
(10 CFR)

Compliance

- 50.1 This regulation states the purpose of the Part 50 regulations and does not impose any independent obligations on licensees.
- 50.2 This regulation defines various terms and does not impose independent obligations on licensees.
- 50.3 This regulation governs the interpretation of the regulations by the NRC and does not impose independent obligations on licensees.
- 50.4 This regulation gives the address of the NRC and does not impose independent obligations on licensees.
- 50.7 This regulation addresses the issue of employee's rights and prohibits discrimination against an employee for engaging in certain protected activities. The regulation also states that the licensee must post Form NRC-3, "Notice to Employees," on the premises. The licensee has complied and continues to comply with the requirements of this regulation.
- 50.8 This regulation specifies the information collection requirements of the Paperwork Reduction Act. It does not impose independent obligations on licensees.
- 50.10 These regulations specify the types of activities that may or  
50.11 may not be undertaken without a license from the NRC. Northeast Nuclear Energy Company (NNECO) does not propose to conduct any activities requiring a license at Millstone Unit No. 3 without a NRC license.
- 50.12 This regulation provides for the granting of exemptions from 10 CFR 50 regulations, provided such exemptions are authorized by law and will not endanger life or property or the common defense and security and are otherwise in the public interest. It does not impose independent obligations on licensees.
- 50.13 This regulation states that a license applicant need not design against acts of war. It imposes no independent obligations on licensees.
- 50.20 These regulations merely describe the types of licenses and  
50.21 permits that the NRC issues. They do not address the  
50.22 substantive requirements that an applicant must satisfy to  
50.23 qualify for such licenses and permits.

Regulation  
(10 CFR)

Compliance

- 50.30 This regulation sets down procedural requirements for the filing of license applications that must be provided to the NRC. NNECO has substantially complied with the procedural requirements in effect at the time when filing its license application and the amendments to it. In particular, 10 CFR 50.30(f) requires that a license application must be accompanied by an Environmental Report required pursuant to 10 CFR 51. NNECO submitted an Environmental Report for Millstone Unit No. 3 on October 29, 1982.
- 50.31 These regulations merely permit more efficient organization  
50.32 of the license application and impose no independent obligations on licensees.
- 50.33 This regulation requires the license application to contain certain general information, such as an identification of the applicant, information about the applicant's financial qualifications, and a list of regulatory agencies with jurisdiction over the applicant's rates and services. This information was provided in the Millstone Unit No. 3 operating license application which was submitted on October 29, 1982.
- The regulation also requires submittal of Radiological Emergency Response Plans. The Millstone Unit No. 3 FSAR, Section 13.3, "Emergency Planning," states that the Emergency Plan provides for an acceptable state of emergency preparedness and meets the requirements of 10 CFR Part 50 and Appendix E thereto.
- 50.33(a) This regulation requires applicants for construction permits to submit information required for antitrust review. The antitrust information required by the Atomic Energy Act of 1954, as amended, was submitted at the construction permit stage.
- 50.34(a) This regulation governs the contents of the Preliminary Safety Analysis Report. A Preliminary Safety Analysis Report (PSAR) was submitted to the NRC for Millstone Unit No. 3 on October 31, 1972.
- 50.34(b) A Final Safety Analysis Report (FSAR), which was submitted to the NRC on October 29, 1982, addresses in the chapters indicated the information required:
- (1) Site evaluation factors - Chapter 2

Regulation  
(10 CFR)

Compliance

- (2) Structures, systems and components - Chapters 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, and 15.
- (3) Radioactive effluents and radiation protection - Chapters 11 and 12.
- (4) Design and performance evaluation - ECCS performance is discussed and shown to meet the requirements of 10CFR 50.46 in Chapters 6 and 15.
- (5) Results of research programs to clear unresolved safety issues identified at the construction permit stage - Chapter 1.
- (6)
  - (i) Organization structure - Chapter 13
  - (ii) Managerial and administrative controls - Chapters 13 and 17. Chapter 17 discusses compliance with the quality assurance requirements of Appendix B.
  - (iii) Plans for preoperational testing and initial operations - Chapter 14.
  - (iv) Plans for conduct of normal operations including maintenance, surveillance and periodic testing of structures, systems and components - Chapter 13. Surveillance and periodic testing is specified in the Technical Specifications.
  - (v) Plans for coping with emergencies including items specified in Appendix E - Chapter 13 and the Millstone Nuclear Power Station Emergency Plan.
  - (vi) Technical specifications prepared in accordance with the requirements of 10CFR 50.36 - Chapter 16.
  - (vii) Certain administrative controls have been implemented during the construction of Millstone Unit No. 3 to preclude activities associated with construction from impacting the safe operation of Millstone Unit Nos. 1 and 2.

Compliance

Examples of such are presented below:

- o The Millstone Unit No. 3 construction site has been physically separated from Unit Nos. 1 and 2 by a fence to prevent unauthorized entry into the area of the operating units.
- o There are no shared systems between Millstone Unit No. 3 and either Millstone Unit No. 1 or Unit No. 2 which would require shutdown of the operating unit or violate the Limiting Condition for Operation of the operating unit to support construction activities at Millstone Unit No. 3.
- o Procedures governing the placement and operation of construction cranes were utilized to prevent damage to safety-related structures or systems at Millstone Unit Nos. 1 and 2.
- o Precautions were taken to prevent damage to underground facilities serving Millstone Unit Nos. 1 and 2.
- o Millstone Unit No. 3 has a cooling water intake structure which is physically separated from those at Millstone Unit Nos. 1 and 2. Cofferdam-type construction and adequate turbidity control was employed during construction of the Millstone Unit No. 3 cooling water intake to minimize the impact on the operation of Millstone Unit Nos. 1 and 2.
- o The Millstone Unit No. 3 cooling water discharge line is sufficiently separated from both the Millstone Unit Nos. 1 and 2 discharge lines to enable construction of the Millstone Unit No. 3 line without compromising the stability of the Millstone Unit Nos. 1 and 2 lines.
- o Precautions were taken to preclude impacting the offsite power to Millstone Unit Nos. 1 and 2 by supplying power to support construction of Millstone Unit No. 3. Power

Regulation  
(10 CFR)

Compliance

to Millstone Unit No. 3, during construction, was not routed through the Millstone switchyard. Power was supplied to the Millstone Unit No. 3 construction site from the Flanders Substation 23KV feeder. Connection of Millstone Unit No. 3 to the switchyard was accomplished during scheduled bus/line outages so as to not impact the operation of Millstone Unit Nos. 1 and 2.

(7) Technical qualifications - Chapters 1 and 13.

(8) Operator qualification program - Chapter 13.

50.34(c) A physical security plan identified in Section 13.6 of the SER was prepared and submitted as required by this regulation for Millstone Unit No. 3.

50.34(d) A safeguards contingency plan identified in Section 13.6 of the SER has been prepared and submitted as required by this regulation for Millstone Unit No. 3.

50.34(e) This regulation requires applicants to protect plans and other related safeguards information against unauthorized disclosure in accordance with the requirements of Section 73.21 as appropriate. Such information has and will be protected against unauthorized disclosure.

50.34(f) This regulation addresses additional TMI-related requirements for plants whose construction permit or operating license application was pending February 16, 1982 and does not apply to Millstone Unit No. 3.

50.34(g) Applicants for construction permits, operating licenses and PSAR or FSAR approval must evaluate their conformance with the Standard Review Plan revision effective six months prior to the application docket date and identify all differences. Where such a difference exists, the evaluation shall discuss how the alternative proposed provides an acceptable method of compliance with the SRP criteria. Millstone Unit No. 3 conformance to NUREG-0800 (SRP) is documented in FSAR Section 1.9.

50.35 This regulation is relevant only to the issuance of a construction permit. The construction permit for Millstone Unit No. 3 was issued on August 9, 1974.

Regulation  
(10 CFR)

Compliance

- 50.36 Technical Specifications have been prepared and implemented, including items in each of the categories specified, including: (1) safety limits, limiting safety system settings and limiting control settings, (2) limiting conditions for operation, (3) surveillance requirements, (4) design features, (5) administrative controls, (6) initial notification, and (7) written reports.
- 50.36a The Millstone Unit No. 3 Technical Specifications include specifications which require compliance with 10CFR 50.36a (releases as low as is reasonably achievable) using the design objectives of Appendix I, and that ensure that concentrations of radioactive effluents released to unrestricted areas are within the limits specified in 10CFR 20.106. The semi-annual reporting requirements of 10CFR 50.36a (2) are also included in these specifications.
- 50.36b Conformance with this regulation is through the Millstone Unit No. 3 Environmental Protection Plan (EPP), submitted to the NRC on August 30, 1985. The EPP identifies NNECO's obligations in the environmental area, including, as appropriate, reporting and environmental data retention requirements. The EPP will be incorporated into and made a part of the Millstone Unit No. 3 operating license.
- 50.37 This regulation requires the applicant to agree to limit access to restricted data. NNECO's agreement to do so is contained in the operating license application for Millstone Unit No. 3.
- 50.38 This regulation prohibits the NRC from issuing a license to foreign-controlled entities. NNECO's statement that it is not owned, controlled or dominated by an alien, foreign corporation or foreign government is contained in the operating license application for Millstone Unit No. 3.
- 50.39 This regulation provides that applications and related documents submitted to the NRC may be made available for public inspection. This imposes no direct obligations on applicants or licensees.
- 50.40 This regulation provides considerations to guide the Commission in granting licenses as follows:
- 50.40(a) The design and operation of the facility is to provide reasonable assurance that the applicant will comply with NRC regulations, including those in 10CFR Part 20, and that the health and safety of the public will not be endangered.



Regulation  
(10 CFR)

Compliance

The basis for NNECO's assurance that the regulations will be met and the public protected is contained in this enclosure and in the license application and the related correspondence in the docket. Moreover, the lengthy and comprehensive process by which the plant is designed, constructed and reviewed, including reviews by NNECO staff representatives of the other Millstone Unit No. 3 licensees, the NRC Staff, the ACRS, and NRC licensing boards, provides a great deal of assurance that the public health and safety will not be affected.

50.40(b) Another consideration is that the applicant be technically and financially qualified. Both NNECO's technical qualifications and its financial qualifications were reviewed in hearings before the Atomic Safety and Licensing Board at the construction permit stage. Favorable decisions were issued as a result of this proceeding.

50.40(c) Another consideration is that the issuance of the license is not to be inimical to the common defense and security or to the health and safety of the public. NNECO has a viable security plan for Millstone Unit No. 3, NNECO is not controlled by agents of foreign countries and NNECO has agreed to limit access to restricted data, all of which provide assurance that license issuance is not inimical to the common defense and security or to the health and safety of the public. The evidence of compliance with particular regulations contained in this enclosure as well as the contents of the entire FSAR and correspondence in the docket plus the lengthy process of design and construction review by NNECO, its NSSS vendor and the government, provide the Commission with considerable assurance that the license will not be inimical to common defense and the security or to the health and safety of the public.

50.40(d) The final 10CFR 50.40 "consideration" is that the applicable requirements of Part 51 have been satisfied. Part 51 concerns compliance with the National Environmental Policy Act of 1969. NNECO has submitted an Environmental Report which has been reviewed by the NRC Staff. The results of the Staff review are contained in the Final Environmental Statement for Millstone Unit No. 3.

50.41 This regulation applies to Class 104 licensees, such as those for devices used in medical therapy. Millstone Unit No. 3 has applied for a Class 103 license; therefore, 10CFR 50.41 is not applicable.



Regulation  
(10 CFR)

Compliance

- 50.42 Section 50.42 provides additional considerations for the Commission in issuing Class 103 licenses. The two considerations are: (a) that the proposed activities will serve a useful purpose proportionate to the quantities of special nuclear material or source material to be utilized and (b) that due account will be taken of the antitrust advice provided by the Attorney General under Subsection 105c of the Atomic Energy Act. The "useful purpose" to be served is the production of the electric power for utility consumers and the need for the power was addressed by the licensing board at the construction permit stage. As for the amount of special nuclear material or source material used, there is no reason to believe that their proportion in relation to the power produced is substantially greater than that of other commercial power reactors in this country. As for the antitrust advice of the Attorney General, as noted above, the antitrust review was done at the construction permit stage.
- 50.43 This regulation imposes certain duties on the NRC and addresses the applicability of the Federal Power Act and the right of government agencies to obtain NRC licenses. It imposes no direct obligations on licensees.
- 50.44 The Millstone Unit No. 3 combustible gas control system is described in FSAR Section 6.2.5. The system is designed to maintain the hydrogen concentration in containment at a safe level following a LOCA and meets the requirements of 10CFR50.44.
- 50.45 This regulation provides standards for the granting of construction permits rather than operating licenses and is therefore not material to this operating license proceeding.
- 50.46 This regulation requires that the Emergency Core Cooling System meet the five ECCS acceptance criteria. A description of the Emergency Core Cooling System is given in FSAR Section 6.3. FSAR Section 15.6 documents how the five acceptance criteria are met.
- 50.47 This regulation requires the applicant to submit a radiological emergency plan for NRC and FEMA review and approval. NNECO has an approved Emergency Plan for the Millstone Nuclear Power Station including Unit 3.

Regulation  
(10 CFR)

Compliance

- 50.48 This regulation requires the applicant to submit a fire protection plan that satisfies the requirements of Appendix R and Criterion 3 of Appendix A. Fire protection requirements for Millstone Unit No. 3 are delineated in Appendix A, Criterion 3 and have been addressed in FSAR Section 9.5.1 and the Millstone Unit No. 3 Fire Protection Evaluation Report.
- 50.49 Each holder of or each applicant for a license to operate a nuclear power plant shall establish a program for qualifying (1) safety-related electric equipment, (2) nonsafety-related electric equipment whose failure could prevent safe operations or (3) certain post-accident monitoring equipment. The requirements of this regulation have been addressed in the FSAR Section 3.11. Additionally, the Environmental Qualification Report for electrical equipment located in harsh environmental areas at Millstone Unit No. 3 has been submitted to the NRC. This report addresses our compliance with 10CFR50.49.
- 50.50 This regulation provides that the NRC will issue a license upon determining that the application meets the standards and requirements of the Atomic Energy Act and regulations and that the necessary notifications to other agencies or bodies have been duly made. It imposes no direct obligations on licensees.
- 50.51 This regulation specifies the maximum duration of licenses. Compliance will be accomplished by the issuance by the Commission of a license so as to comply.
- 50.52 This regulation provides for the combining in a single license of a number of activities. It imposes no independent obligations on licensees.
- 50.53 This regulation provides that licenses are not to be issued for activities that are not under or within the jurisdiction of the United States. The operation of Millstone Unit No. 3 will be within the United States and subject to the jurisdiction of the United States.
- 50.54 This regulation specifies certain conditions that are deemed to be incorporated in every license issued. Compliance with this regulation will be effected by the Commission's action in issuing a license which will impose appropriate obligations on the licensee.
- 50.55a(a) This regulation imposes requirements for quality standards and compliance with applicable ASME and IEEE code classifications. The requirements of this regulation are addressed in FSAR Sections 3.2.2 and 1.2.5.

Regulation  
(10 CFR)

Compliance

- 50.55a(b) This regulation addresses the application of ASME code year and code addenda, ASME Class 1 and 2 weld inspection requirements and inservice inspection requirements for steam generator tubing. FSAR Sections 5.2.4, 5.4.2.2 and 6.6 address compliance with this regulation.
- 50.55a(c) This regulation specifies the requirements for reactor coolant pressure boundary components. FSAR Section 5.2 addresses compliance with this regulation.
- 50.55a(d)&(e) These regulations apply only to nuclear power plant construction applications docketed after May 14, 1984; these requirements are not applicable to Millstone Unit No. 3.
- 50.55a(g) Inservice Inspection (ISI) requirements are specified in this code regulation. The Millstone Unit No. 3 ISI program is delineated in Sections 5.2.4 and 6.6 of the FSAR.
- 50.55a(h) FSAR Chapter 7, "Instrumentation and Controls" describes the various plant instrumentation and control systems by relating the functional performance requirements, design bases, system descriptions, design evaluations, and tests and inspection for each. Those instruments and associated equipment which constitute the protection system as defined in IEEE Standard 279-1971 "Criteria for Protection Systems for Nuclear Power Generating Stations" and their compliance with IEEE Standard 279-1971 is described.
- 50.55a(i) This regulation delineates requirements for power reactors for which a notice of hearing on an application for a provisional construction permit or a construction permit has been published on or before December 31, 1970. The Millstone Unit No. 3 application for a construction permit was not docketed until February 10, 1973. Therefore, this regulation is not applicable to Millstone Unit No. 3.
- 50.56 This regulation states that the Commission will, in the absence of good cause shown to the contrary, issue an operating license upon completion of the construction of a facility in compliance with the terms and conditions of the construction permit. This regulation imposes no independent obligations on the applicant.

Regulation  
(10 CFR)

Compliance

- 50.57(a) This regulation requires the Commission to make certain findings before the issuance of an operating license as follows. These findings for Millstone Unit No. 3 can be made for the reasons given in this enclosure generally. Specifically:
- (1) Construction of the facility has been substantially completed in conformity with the construction permit and the application as amended; the provisions of the Act, and the rules and regulations of the Commission.
  - (2) The facility will operate in conformity with NRC rules and regulations and the Act.
  - (3) There is reasonable assurance that the facility can be operated without endangering the health and safety of the public and in compliance with the regulations.
  - (4) The applicant is technically and financially qualified to operate the unit.
  - (5) The applicable provisions of 10CFR 140 (pertaining to financial protection requirements and indemnity agreements) have been satisfied.
  - (6) The issuance of the license and the operation of the unit will not be inimical to the common defense and security or to the health and safety of the public.
- 50.57(b) The license will include appropriate provisions to assure that the completion during operation of the plant of any uncompleted items of construction will not endanger public health and safety.
- 50.57(c) This regulation provides for the issuance of a low-power testing license and does not impose independent obligations on the applicant for full power operation.
- 50.57(d) This regulation provides for the issuance of a temporary operating license and does not impose independent obligations on the applicant for long-term operation.
- 50.58 This regulation provides for the review and report of the application by the Advisory Committee on Reactor Safeguards (ACRS). The ACRS has reviewed the application for an operating license for Millstone Unit No. 3 and issued its report to the Commission on September 10, 1984 which concluded that, subject to the resolution of certain items, Millstone Unit No. 3 can be operated at full power without undue risk to the health and safety of the public.

Regulation  
(10 CFR)

Compliance

- 50.59 This regulation provides for the licensing of certain changes, tests and experiments in a licensed facility. All modifications to the licensed plant that involve an unreviewed safety question will require prior Commission approval.
- 50.60 All light water nuclear power reactors must meet the fracture toughness and material surveillance program requirements for the reactor coolant pressure boundary set forth in Appendix G and H except when (1) the requirements would result in hardships or unusual difficulty without a compensating increase in the level of quality and safety and (2) the proposed alternative would provide an adequate level of quality and safety. Information to demonstrate compliance with this regulation can be found in FSAR Chapter 5 and the Technical Specifications.
- 50.62 Each pressurized water reactor (PWR) must have equipment from sensor output to final actuation device, that is diverse from the reactor trip system, to automatically initiate the auxiliary (or emergency) feedwater system and initiate a turbine trip under conditions indicative of an "Anticipated Transient Without Scram" (ATWS). Millstone Unit No. 3 will meet this requirement in accordance with commitments in docketed correspondence.
- 50.70 NNECO permits access to the station to NRC inspectors in accordance with 10CFR 50.70 and has provided office space in accordance with the requirements of this section.
- 50.71 Records are and will be maintained in accordance with the requirements of sections (a) through (3) of this regulation and the license. The FSAR will be updated within 24 months after date of issuance of operating license and annually thereafter is required by 10CFR 50.71(e).
- 50.72 Notification to the NRC of significant events will be made in accordance with the requirements in this regulation.
- 50.73 This regulation requires the licensee to submit a Licensee Event Report (LER) within 30 days after the discovery of an event specified in this regulation regardless of the plant power mode or the significance of the structure, system or component that initiated the event. Millstone Unit No. 3 will comply with this regulation.



Regulation  
(10 CFR)

Compliance

- 50.78 Installation information may be requested by the Commission to allow verification by the International Atomic Energy Agency and, if necessary, to implement the US/IAEA Safeguards Agreement. The licensee will comply with such a request.
- 50.80 This regulation provides that licenses may not be transferred without written NRC consent. No transfer or other disposition of the license is anticipated for Millstone Unit No. 3.
- 50.81 This regulation permits the creation of mortgages, pledges and liens on licensed facilities, subject to certain provisions. The licensee will comply with these requirements.
- 50.82 This regulation establishes the conditions under which a license can be terminated. It does not apply to Millstone Unit No. 3.
- 50.90 This regulation governs applications for amendments to operating licenses and construction permits. Requests for license amendments have been and will be made in accordance with these requirements.
- 50.91 This regulation establishes the procedure to be used by the NRC for issuing license amendments. It does not impose any independent obligations on licensees.
- 50.92 This regulation addresses amendments to construction permits and operating licenses. It does not impose independent obligations on licensees at the operating license application stage.
- 50.100 These regulations govern the revocation, suspension and  
50.101 modification of licenses by the Commission under unusual  
50.102 circumstances. No such circumstances are present in the  
50.103 Millstone Unit No. 3 proceeding and these regulations are thus not applicable.
- 50.109 This regulation specifies the conditions under which the NRC may require the backfitting of a facility. This regulation is not applicable to an operating license proceeding.
- 50.110 This regulation governs enforcement of the provisions of the Atomic Energy Act, the Energy Reorganization Act of 1974 and the NRC's regulations and orders. This regulation is not applicable in the Millstone Unit No. 3 proceeding.

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| Appendix A | <p>Section 3.1 of the FSAR describes in detail the provisions which have been implemented to meet all applicable requirements of Appendix A with the following exceptions:</p> <ul style="list-style-type: none"><li>o In a letter from J. F. Opeka (NNECO) to B. J. Youngblood (NRC), dated October 15, 1985, NNECO requested a scheduler exemption from the requirements of General Design Criterion 2 related to seismic interaction. An exemption was requested until the date of issuance of a full power operating license.</li><li>o In a letter from B. J. Youngblood (NRC) to J. F. Opeka (NNECO) dated June 5, 1985, Millstone Unit No. 3 was granted an exemption for a period of two cycles of operation from those portions of General Design Criterion 4 which require protection of structures, systems and components from the dynamic effects associated with postulated breaks in the reactor coolant system primary loop piping.</li></ul> |
| Appendix B | <p>Chapter 17 of the FSAR describes in detail the provisions of the quality assurance program which has been implemented to meet all applicable requirements of Appendix B.</p>   |
| Appendix C | <p>This appendix describes the information required for establishing an applicant's financial qualification. The licensees' financial qualifications were fully explored before the Atomic Safety and Licensing Board at the construction permit stage and the Board determined that there was reasonable assurance that the applicant had the financial ability to operate the facility in compliance with the Commission's regulations.</p>   |
| Appendix D | <p>There is no Appendix D at this time.</p>   |
| Appendix E | <p>This appendix specifies requirements for plans for coping with emergencies. An emergency plan was prepared for Millstone Nuclear Power Station, including Unit No. 3, in accordance with the provisions of this Appendix. The NRC Staff has reviewed this emergency plan, and it concluded that the emergency plan provided reasonable assurance that appropriate measures can and will be taken in the event of an emergency to protect public health and safety and prevent damage to property.</p>  |
| Appendix F | <p>This appendix applies to fuel reprocessing plants and related waste management facilities and thus is not applicable to Millstone Unit No. 3.</p>  |



Regulation  
(10 CFR)

Compliance

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| Appendix G | Fracture toughness requirements specified in this appendix and material surveillance program requirements given in Appendix H form the basis for Technical Specification surveillance requirements dealing with the use of surveillance specimens. Additional information to demonstrate compliance can be found in FSAR Chapter 5 concerning the reactor coolant system fracture toughness requirements. Heat-up and cool-down limits consistent with the requirements of this appendix are established in the Technical Specifications.                         |
| Appendix H | Reactor vessel material surveillance program requirements are delineated in this part. Technical Specifications operating procedures have been established to implement these requirements. Further information is provided in FSAR Chapter 5.  |
| Appendix I | This appendix provides numerical guides for design objectives and limiting conditions for operation to meet the criteria "as low as is reasonably achievable" for radioactive material in light-water-cooled nuclear power reactor effluents. Information to demonstrate compliance with Appendix I is provided in FSAR Chapters 11 and 12 and the Technical Specifications.  |
| Appendix J | Reactor containment leakage testing for light-water-cooled power reactors is delineated in this appendix. Information concerning compliance can be found in FSAR Chapters 6 and 14 and the Technical Specifications. In a letter from J. F. Opeka (NNECO) and B. J. Youngblood (NRC) dated September 26, 1985, NNECO requested an exemption from the requirements of Section III.D.2.b.ii of Appendix J for Millstone Unit No. 3. This exemption was subsequently granted in a letter from B. J. Youngblood (NRC) to J. F. Opeka (NNECO), dated October 28, 1985. |
| Appendix K | This appendix specifies features of acceptable ECCS evaluation models. ECCS performance during a LOCA is modeled by Westinghouse computer codes which have been accepted by the NRC as meeting Appendix K criteria. This information is given in FSAR Section 15.6  |
| Appendix L | This appendix specifies information to be provided to the Attorney General for antitrust review of license applications. As noted above, the antitrust review for Millstone Unit No. 3 took place at the construction permit stage.   |

Regulation  
(10 CFR)

Compliance

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| Appendix M | This appendix covers licensing of nuclear power plants that are manufactured at a site other than where they are to be operated. This appendix is not applicable to Millstone Unit No. 3.   |
| Appendix N | This appendix governs the licensing of nuclear power plants of duplicate design at multiple sites and is not applicable to Millstone Unit No. 3.  |
| Appendix O | This appendix covers staff review of standard designs and is not applicable to Millstone Unit No. 3.  |
| Appendix P | There is no Appendix P at this time.  |
| Appendix Q | This appendix governs preapplication early review of site suitability issues and is not applicable to the Millstone Unit No. 3 operating license.   |
| Appendix R | This appendix delineates requirements for fire protection programs for nuclear power facilities operating prior to January 1, 1979 and is, therefore, not applicable to Millstone Unit No. 3. Fire protection requirements for Millstone Unit No. 3 are established in Appendix A, Criterion 3, and Section 50.48 and have been addressed in FSAR Section 9.5.1 and the Millstone Unit No. 3 Fire Protection Evaluation Report. |

Regulation  
(10 CFR)

Compliance

- 51.1 This section states the scope of Part 51 regulations and does not impose any specific obligations on licensees.
- 51.2 This section states the purpose of the regulations contained in Subpart A of Part 51 and does not impose any specific obligations on licensees.
- 51.3 This regulation explains the resolution of conflict between a rule in Subpart A and other subparts or parts of this chapter. No obligations are imposed on licensees.
- 51.4 This section contains definitions of terms used in Part 51 and no obligations are imposed on licensees.
- 51.5 This regulation governs the interpretation of regulations by the NRC and does not impose any obligations on licensees.
- 51.6 This section provides for exemptions from Part 51 regulations and does not impose any obligations on licensees.
- Subpart A
- 51.10 This section describes the NRC's obligations to comply with the National Environmental Policy Act (NEPA). No obligations are imposed on the licensee.
- 51.12 This section governs the application of Subpart A to ongoing environmental work. No obligations are imposed on the licensee.
- 51.13 This regulation governs actions that can be taken in emergency circumstances by the Commission and does not impose any independent obligations on the licensee.
- 51.14 This section contains the definitions of terms used in Subpart A to Part 51. No obligations are imposed on the licensee.
- 51.15 This regulation governs the establishment of time schedules for NEPA review. No obligations are imposed on the licensee.
- 51.16 This regulation deals with the treatment of proprietary information by the NRC and does not impose any obligations on the licensee.
- 51.17 This section deals with the approval by the Office of Management and Budget of the information collection requirements contained in Part 51. No obligations are imposed on the licensee.

Regulation  
(10 CFR)

Compliance

- 51.20 This section lists the criteria for actions which require an environmental impact statement (EIS) or a supplement to an EIS. No obligations are imposed on the licensee.
- 51.21 This regulation deals with the criteria for the identification of licensing and regulatory actions requiring environmental assessments by the NRC and does not impose obligations on the licensee.
- 51.22 This regulation identifies the licensing and regulatory actions eligible for categorical exclusion. No obligations are imposed on the licensee.
- 51.23 This regulation states the Commission's finding that the environmental impacts of the storage of spent fuel at reactors or at independent facilities for at least 30 years beyond the expiration of the reactors' operating license does not require the preparation of any kind of environmental report. This regulation does not alter the requirements for the NRC to consider environmental impacts of spent fuel storage during the term of a reactor operating license or a license for an independent spent fuel storage installation (ISFSI) in a licensing proceeding.
- 51.25 This regulation deals with the NRC's determination of whether proposed actions require the preparation of an environmental impact statement or an environmental assessment or if they are eligible for categorical exclusions. No independent obligations are imposed on the licensee.
- 51.26 This regulation deals with the NRC's obligation to publish a notice of intent and to conduct a scoping process regarding the preparation of environmental impact statements. There are no independent obligations on the licensee.
- 51.27 This section describes the content of a notice of intent and does not impose any obligations on the licensee.
- 51.28 This section describes the participants in the scoping process and does not impose an independent obligation on the licensee.
- 51.29 This regulation describes the scoping process for the EIS and does not impose an obligation on the licensee.
- 51.30 This regulation provides a description of the content of an environmental assessment and does not impose an obligation on the licensee.

Regulation  
(10 CFR)

Compliance

- 51.31 This section states that the NRC will determine, based on the environmental assessment, whether an EIS or a finding of no significant impact on the proposed action will be prepared. It does not impose obligations on the licensee.
- 51.32 This regulation provides a description of the content of a finding of no significant impact by the NRC and does not impose any obligation on the licensee.
- 51.33 This regulation governs the issuance of a draft finding of no significant impact by the NRC and is not an obligation on the licensee.
- 51.34 This section deals with the NRC's preparation of a finding of no significant impact and is not an obligation on the licensee.
- 51.35 This section deals with the NRC's publication of a finding of no significant impact in the Federal Register and is not an obligation on the licensee.
- 51.40 This section deals with consultation with NRC Staff of prospective applicants or petitioners for rulemaking and is not an obligation on the licensee.
- 51.41 This regulation provides that the Commission may require the submittal of environmental information from applicants for a permit, license, etc. The licensee has responded to NRC Staff requests for environmental information in the Environmental Report for Millstone Unit No. 3.
- 51.45 This section establishes the requirement for licensees to submit an Environmental Report (ER) as required by Sections 51.50, 51.53, 51.54, 51.60, 51.61, 51.62, or 51.68, as appropriate. Such a report was submitted.
- 51.50 This regulation requires licensees to submit a document entitled "Applicant's Environmental Report - Construction Permit Stage." Such a document was submitted to the NRC by the licensee in October 1972.
- 51.51 This regulation states that every environmental report prepared for the construction permit stage submitted after September 4, 1979 must use Table S-3, Table of Uranium Life Cycle Environmental Data, in 10CFR Part 51.51(b) as the basis for analysis of the effects of uranium milling. The licensee submitted their construction stage environmental report in October 1972.

Regulation  
(10 CFR)

Compliance

- 51.52 This regulation states that the ER for the construction permit stage for LWRs submitted after February 4, 1975 must contain an analysis of the environmental effects of transportation of fuel and waste. The licensee's ER for the construction permit stage was submitted in October 1972.
- 51.53 This section deals with the requirement of a licensee to submit a separate document entitled "Supplement to Applicant's Environmental Report - Operating License Stage" to update the construction stage ER. Such a report was submitted by the licensee on October 29, 1982.
- 51.54 This section deals with the requirement for a manufacturer of a nuclear reactor to submit an ER for the manufacturing license. This does not impose any obligations on the licensee for Millstone Unit No. 3.
- 51.55 This regulation governs the distribution of copies of the ER to the NRC and to be retained by the applicant for distribution to parties and boards in the NRC proceeding. As required, forty-one copies of the ER for the operating license stage were sent to the Director of Nuclear Reactor Regulation and 109 copies were retained by the licensee as required by the regulation. This was done on February 2, 1983.
- 51.60 This regulation deals with the production of an environmental report for materials licenses and is not an obligation on the licensee for Millstone Unit No. 3.
- 51.61 This regulation deals with the environmental report for an independent fuel storage installation license and is not an obligation on the licensee for Millstone Unit No. 3.
- 51.62 This section requires an applicant for a license for land disposal of radioactive waste to submit an environmental report. This section does not impose any obligations on the licensee for Millstone Unit No. 3.
- 51.66 This regulation deals with the number of copies of an environmental report for a materials license, an independent fuel storage installation license or a license for land disposal of radioactive waste to be submitted. It does not impose any obligations on the licensee for Millstone Unit No. 3.
- 51.68 This section requires petitioners for rulemaking requesting amendments to certain regulations to submit an environmental report entitled "Petitioner's Environmental Report" containing information specified in Section 51.45.



Regulation  
(10 CFR)

Compliance

- This regulation does not impose any obligations on the licensee.
- 51.69 This section specifies the number of copies of the environmental report of petitioners for rulemaking to be submitted. It does not impose any obligations on the licensee.
- 51.70 This section contains the requirements for the NRC to produce draft environmental impact statements. There is no obligation on the licensee.
- 51.71 This section describes the contents of the draft environmental impact statement and does not impose any obligations on the licensee.
- 51.72 This regulation describes the conditions when the NRC will prepare a supplement to the draft environmental impact statement. There is no obligation on the licensee.
- 51.73 This section describes the process for requests for comments on draft environmental impact statements. It imposes obligations on the NRC and not on the licensee.
- 51.74 This section specifies the distribution of draft environmental impact statements and is not an obligation on the licensee.
- 51.75 This regulation requires the NRC to issue a draft environmental impact statement relating to the issuance of a construction permit for a production or utilization facility. No obligation is imposed on the licensee.
- 51.76 This section deals with the issuance of a draft environmental impact statement relating to issuance of a license to manufacture nuclear power reactors. No obligation is imposed on the licensee.
- 51.77 This regulation specifies the distribution of the draft environmental impact statement to the municipality or county where the proposed facility will be sited and is not an obligation on the licensee.
- 51.80 This regulation requires the NRC to prepare a draft environmental impact statement for materials licenses and for an independent spent fuel storage installation. It does not impose an obligation on the licensee.



Regulation  
(10 CFR)

Compliance

- 51.81 This section deals with the distribution of the draft environmental impact statement and is not an obligation on the licensee.
- 51.85 This section deals with the draft environmental impact statements associated with rulemaking and is not an obligation on the licensee.
- 51.86 This section deals with the distribution of the draft environmental impact statement and is not an obligation on the licensee.
- 51.88 This regulation establishes the policy of the NRC that it will follow 40CFR1506.8 regarding the NEPA process for proposals for legislation. It is not an obligation on the licensee.
- 51.90 This section states that the NRC will prepare a final environmental impact statement in accordance with the requirements of 10CFR50.71(b) and 51.71. It is not an obligation on the licensee.
- 51.91 This section describes the contents of the final environmental impact statement and is not an obligation on the licensee.
- 51.92 This regulation governs the conditions for the NRC to prepare a supplement to the final environmental impact statement. It is not an obligation on the licensee.
- 51.93 This section governs the distribution of the final environmental impact statement and is not an obligation on the licensee.
- 51.94 This regulation states the obligation of the NRC to consider the final environmental impact statement in the decision-making process. It is not an obligation on the licensee.
- 51.95 This regulation specifies that a supplement to the final environmental impact statement will be prepared at the operating license state to update the prior environmental review by the NRC. It is not an obligation on the licensee.
- 51.97 This section deals with the preparation of a final environmental impact statement for a materials license and is not an obligation on the licensee.
- 51.100 This regulation deals with the timing of the NRC's actions and is not an obligation on the licensee.

Regulation  
(10 CFR)

Compliance

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| 51.101             | This regulation defines the limitations on NRC actions and is not an obligation on the licensee.  |
| 51.102 &<br>51.103 | These regulations govern the NRC's obligations to provide a record of decision and do not impose obligations on the licensee.   |
| 51.104             | This section deals with NRC's proceedings with respect to the scope of NEPA and the environmental impact statement.   |
| 51.105             | This regulation describes the requirements to conduct public hearings in proceedings for issuance of construction permits or licenses to manufacture and does not impose independent obligations on the licensee. |
| 51.106             | This regulation describes the requirements to conduct public hearings in proceedings for issuance of an operating license and does not impose independent obligations on the licensee.                            |
| 51.116             | This regulation requires the publication of a notice of intent in the Federal Register regarding the preparation by the NRC of an environmental impact statement and is not an obligation on the licensee.        |
| 51.117             | This regulation requires to the publication of a notice of availability of a draft environmental impact statement in the Federal Register and is not an obligation on the licensee.                               |
| 51.118             | This regulation requires the publication of a notice of availability of a final environmental impact statement in the Federal Register and is not an obligation on the licensee.                                  |
| 51.119             | This regulation requires the publication of a finding of no significant impact in the Federal Register and is not an obligation on the licensee.  |
| 51.120             | This section governs the availability of environmental documents for public inspection in the NRC Public Document Room and is not an obligation on the licensee.  |
| 51.121             | This section provides a list of contacts for information on the status of NEPA actions and is not an obligation on the licensee.  |

Regulation  
(10 CFR)

Compliance

- 51.122            This section requires the NRC to maintain a list of interested organizations and groups and is not an obligation on the licensee.
- 51.123            This section details the distribution to the public and governmental agencies and the charges for reproduction of environmental documents. It is not an obligation on the licensee.
- 51.124            This section states that the NRC will comment on draft environmental impact statements prepared by other Federal agencies. It does not impose any obligation on the licensee.
- 51.125            This section specifies the NRC official responsible for review of the NRC's NEPA compliance. It is not an obligation on the licensee.
- Appendix A        This Appendix describes the format for presentation of material in environmental impact statements. It does not impose independent obligations on the licensee.

Regulation  
(10 CFR)

Compliance

- 100.1 This section explains the purpose of NRC regulations on reactor siting. It does not impose independent obligations on licensees.
- 100.2 This section states the scope of NRC site criteria. It does not impose independent obligations on licensees.
- 100.3 This section provides definitions relevant to reactor site criteria. It does not impose independent obligations on licensees.
- 100.8 This regulation specifies that information collection requirements have been approved by the Office of Management and Budget in accordance with the Paperwork Reduction Act. It does not impose independent obligations on licensees.
- 100.10 This section specifies information that must be provided regarding factors related to both the unit design and the site. Site specifics, including seismology, meteorology, geology, and hydrology, for Millstone Unit No. 3 are presented in Chapter 2 of the FSAR.
- 100.11 This section requires the determination of an exclusion area, low population zone and population center distance. An exclusion area has been established, as described in FSAR Section 2.1.2. The low population zone required by 100.11(a)(2) has also been established, as described in FSAR Section 3.1.3.4.
- The FSAR accident analyses, particularly those in Chapter 15, demonstrate that off-site doses resulting from postulated accidents would not exceed the criteria established in this section of the regulation, including consideration that the Millstone site is a multiple reactor site.
- Appendix A Appendix A to 10CFR Part 100 provides seismic and geologic siting criteria for nuclear power plants. The compliance of the Millstone Unit No. 3 site with this appendix is discussed in the Millstone Nuclear Power Station Unit No. 3, Safety Evaluation Report, NUREG-1031.