

September 15, 2005

Mr. David A. Christian  
Senior Vice President & Chief Nuclear Officer  
Dominion Nuclear Connecticut, Inc.  
Innsbrook Technical Center  
5000 Dominion Boulevard  
Glen Allen, VA 23060-6711

SUBJECT: MILLSTONE POWER STATION, UNIT NO. 1 - ISSUANCE OF AMENDMENT  
RE: TECHNICAL SPECIFICATIONS CHANGES ASSOCIATED WITH THE  
CONSOLIDATED QUALITY ASSURANCE PROGRAM DESCRIPTION  
(TAC NO. MC4745)

Dear Mr. Christian:

The Commission has issued the enclosed Amendment No. 115 to Facility Operating License No. DPR-21 for the Millstone Power Station, Unit No. 1 in response to your application dated September 8, 2004, as supplemented by letters dated May 5 and July 27, 2005.

The amendment modifies the Technical Specifications by revising selective administrative controls to support the implementation of the proposed Dominion Nuclear Facility Quality Assurance Program Description.

A copy of our related Safety Evaluation is enclosed. The Notice of Issuance will be included in the Commission's next biweekly *Federal Register* notice.

Sincerely,

*/RA/*

Alan Wang, Project Manager, Section 2  
Project Directorate IV  
Division of Licensing Project Management  
Office of Nuclear Reactor Regulation

Docket No. 50-245

Enclosures: 1. Amendment No. 115 to DPR-21  
2. Safety Evaluation

cc w/encls: See next page

Mr. David A. Christian  
Senior Vice President & Chief Nuclear Officer  
Dominion Nuclear Connecticut, Inc.  
Innsbrook Technical Center  
5000 Dominion Boulevard  
Glen Allen, VA 23060-6711

SUBJECT: MILLSTONE POWER STATION, UNIT NO. 1 - ISSUANCE OF AMENDMENT  
RE: TECHNICAL SPECIFICATIONS CHANGES ASSOCIATED WITH THE  
CONSOLIDATED QUALITY ASSURANCE PROGRAM DESCRIPTION  
(TAC NO. MC4745)

Dear Mr. Christian:

The Commission has issued the enclosed Amendment No. 115 to Facility Operating License No. DPR-21 for the Millstone Power Station, Unit No. 1 in response to your application dated September 8, 2004, as supplemented by letters dated May 5 and July 27, 2005.

The amendment modifies the Technical Specifications by revising selective administrative controls to support the implementation of the proposed Dominion Nuclear Facility Quality Assurance Program Description.

A copy of our related Safety Evaluation is enclosed. The Notice of Issuance will be included in the Commission's next biweekly *Federal Register* notice.

Sincerely,  
**/RA/**

Alan Wang, Project Manager, Section 2  
Project Directorate IV  
Division of Licensing Project Management  
Office of Nuclear Reactor Regulation

Docket No. 50-245

Enclosures: 1. Amendment No. 115 to DPR-21  
2. Safety Evaluation

cc w/encls: See next page

DISTRIBUTION

NON-PUBLIC PDIV-2 Reading	RidsNrrLALFeizollahi	RidsNrrDlpmPdiv (HBerkow)
RidsOgcRp RidsNrrDlpmPdiv2	RidsNrrPMAWang	RidsAcrcAcnwMailCenter
GHill (2) TBoyce	RidsRgn1MailCenter	RidsNrrPMVNerses

ACCESSION NO.: ML052280281

OFFICE	PDI-2/PM	PDIV-2/PM	PDI-2/LA	PDIV-2/LA	OGC	PDIV-2/(A)SC
NAME	VNerses	AWang	CRaynor	LFeizollahi	MLemoncelli	DCollins
DATE	8/18/05	8/19/05	8/17/05	8/25/05	9/07/05	9/12/05

OFFICIAL RECORD COPY

Millstone Power Station Unit 1

cc:

Lillian M. Cuoco, Esquire  
Senior Counsel  
Dominion Resources Services, Inc.  
Rope Ferry Road  
Waterford, CT 06385

Edward L. Wilds, Jr., Ph.D.  
Director, Division of Radiation  
Department of Environmental Protection  
79 Elm Street  
Hartford, CT 06106-5127

Mr. Allan Johanson, Assistant Director  
Office of Policy and Management  
Policy Development & Planning Division  
450 Capitol Avenue - MS# 52ERN  
P.O. Box 341441  
Hartford, CT 06134-1441

Regional Administrator, Region I  
U.S. Nuclear Regulatory Commission  
475 Allendale Road  
King of Prussia, PA 19406

First Selectmen  
Town of Waterford  
15 Rope Ferry Road  
Waterford, CT 06385

Attorney Nicholas J. Scobbo, Jr.  
Ferriter, Scobbo, & Rodophele, PC  
125 High Street  
Boston, MA 02110

Ernest C. Hadley, Esquire  
1040 B Main Street  
P.O. Box 549  
West Wareham, MA 02576

Mr. Evan W. Woollacott, Co-Chair  
Nuclear Energy Advisory Council  
128 Terry's Plain Road  
Simsbury, CT 06070

Citizens Regulatory Commission  
ATTN: Ms. Susan Perry Luxton  
180 Great Neck Road  
Waterford, CT 06385

Deborah Katz, President  
Citizens Awareness Network  
P.O. Box 83  
Shelburne Falls, MA 03170

Mr. John Buckingham  
Department of Public Utility Control  
Electric Unit  
10 Liberty Square  
New Britain, CT 06051

Nancy Burton, Esquire  
147 Cross Highway  
Redding Ridge, CT 06876

Mr. W. R. Matthews  
Senior Vice President - Nuclear Operations  
Dominion Nuclear Connecticut, Inc.  
Rope Ferry Road  
Waterford, CT 06385

Mr. P. J. Parulis  
Manager - Nuclear Oversight  
Dominion Nuclear Connecticut, Inc.  
Rope Ferry Road  
Waterford, CT 06385

Mr. S. E. Scace  
Assistant to the Site Vice President  
Dominion Nuclear Connecticut, Inc.  
Rope Ferry Road  
Waterford, CT 06385

Mr. J. Alan Price  
Site Vice President - Millstone  
Dominion Nuclear Connecticut, Inc.  
Rope Ferry Road  
Waterford, CT 06385

cc:

Mr. G. D. Hicks, Director  
Nuclear Station Safety and Licensing  
Dominion Nuclear Connecticut, Inc.  
Rope Ferry Road  
Waterford, CT 06385

Mr. A. J. Jordan, Jr.  
Director - Nuclear Engineering  
Dominion Nuclear Connecticut, Inc.  
Rope Ferry Road  
Waterford, CT 06385

Mr. S. P. Sarver, Director  
Nuclear Station Operations & Maintenance  
Dominion Nuclear Connecticut, Inc.  
Rope Ferry Road  
Waterford, CT 06385

Mr. Chris L. Funderburk  
Director, Nuclear Licensing and  
Operations Support  
Dominion Resources Services, Inc.  
Innsbrook Technical Center  
5000 Dominion Boulevard  
Glen Allen, VA 23060-6711

Mr. David W. Dodson  
Licensing Supervisor  
Dominion Nuclear Connecticut, Inc.  
Rope Ferry Road  
Waterford, Connecticut 06385

DOMINION NUCLEAR CONNECTICUT, INC.

DOCKET NO. 50-245

MILLSTONE POWER STATION, UNIT NO. 1

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 115  
License No. DPR-21

1. The Nuclear Regulatory Commission (the Commission) has found that:
  - A. The application for amendment by Dominion Nuclear Connecticut, Inc. (the licensee) dated September 8, 2004, as supplemented May 5 and July 27, 2005, complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's rules and regulations set forth in 10 CFR Chapter I;
  - B. The facility will be decommissioned in conformity with the provisions of the Act, and the rules and regulations of the Commission;
  - C. There is reasonable assurance (i) that the activities authorized by this amendment can be conducted without endangering the health and safety of the public, and (ii) that such activities will be conducted in compliance with the Commission's regulations;
  - D. The issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public; and
  - E. The issuance of this amendment is in accordance with 10 CFR Part 51 of the Commission's regulations and all applicable requirements have been satisfied.

2. Accordingly, the license is amended by changes to the Technical Specifications as indicated in the attachment to this license amendment, and paragraph 2.C.(2) of Facility Operating License No. DPR-21 is hereby amended to read as follows:

(2) Technical Specifications

The Technical Specifications contained in Appendix A, as revised through Amendment No. 115, are hereby incorporated in the license. The licensee shall operate the facility in accordance with the Technical Specifications.

3. The license amendment is effective as of its date of issuance and shall be implemented by February 28, 2006.

FOR THE NUCLEAR REGULATORY COMMISSION

*/RA/*

Daniel S. Collins, Acting Chief, Section 2  
Project Directorate IV  
Division of Licensing Project Management  
Office of Nuclear Reactor Regulation

Attachment: Changes to the  
Technical Specifications

Date of Issuance: September 15, 2005

ATTACHMENT TO LICENSE AMENDMENT NO. 115

FACILITY OPERATING LICENSE NO. DPR-21

DOCKET NO. 50-245

Replace the following pages of Appendix A Technical Specifications with the attached revised pages. The revised pages are identified by amendment number and contain marginal lines indicating the areas of change.

Remove

5.0-1  
5.0-5

Insert

5.0-1  
5.0-5

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION  
RELATED TO AMENDMENT NO. 115 TO FACILITY OPERATING LICENSE NO. DPR-21

DOMINION NUCLEAR CONNECTICUT, INC.

MILLSTONE POWER STATION, UNIT NO. 1

DOCKET NO. 50-245

## 1.0 INTRODUCTION

By letter dated September 8, 2004 [ see Agencywide Documents Access Management System (ADAMS) Accession No. ML042530271], as supplemented by letters dated May 5 and July 27, 2005 (ADAMS Accession Nos. ML051300508 and ML052080357, respectively), Dominion Nuclear Connecticut, Inc. (DNC) submitted a request to modify the Millstone Power Station, Unit No. 1 (MPS1) Technical Specifications (TSs) by revising selective administrative controls to support the implementation of the proposed Dominion Nuclear Facility Quality Assurance Program Description (NFQAPD). Specifically, the proposed changes are administrative in nature and are required to support the implementation of the proposed Dominion NFQAPD. The proposed changes are consistent with the intent of NUREG-1433, "Standard Technical Specifications" for General Electric plants.

The supplements dated May 5 and July 27, 2005, provided additional information that clarified the application, did not expand the scope of the application as originally noticed, and did not change the Nuclear Regulatory Commission (NRC or the Commission) staff's original proposed no significant hazards consideration determination as published in the *Federal Register* on January 18, 2005 (70 FR 2888).

## 2.0 BACKGROUND

DNC and Virginia Electric and Power Company (the licensees) submitted their NFQAPD Topical Report (DOM-QA-1) by letter dated August 24, 2004 (ADAMS Accession No. ML042470014), for NRC review and approval in accordance with the provisions of Title 10 of the *Code of Federal Regulations* (10 CFR) Section 50.54(a)(4). The Quality Assurance (QA) topical report would replace and consolidate the current site-specific QA programs for MPS1, 2 and 3, North Anna Power Station Unit Nos. 1 and 2, and Surry Power Station Unit Nos. 1 and 2. By letter dated September 9, 2005 (ADAMS Accession No. ML052490337), the NRC approved the NFQAPD Topical Report. DNC has proposed administrative TS changes to support implementation of the proposed NFQAPD at MPS1.

## 3.0 REGULATORY EVALUATION

The Commission's regulatory requirements related to the content of TSs are set forth in 10 CFR 50.36. This regulation requires that the TSs include items in five specific categories,

including: 1) safety limits, limiting safety system settings and limiting control settings, 2) limiting conditions for operation, 3) surveillance requirements, 4) design features, and 5) administrative controls.

Specifically, 10 CFR 50.36(c)(5) describes administrative controls as “provisions relating to organization and management, procedures, recordkeeping, review and audit, and reporting necessary to assure operation of each facility in a safe manner.” The specific content of the administrative controls section of the TSs is, therefore, that information that the Commission deems essential for the safe operation of the facility that is not already adequately covered by other regulations.

#### 4.0 TECHNICAL EVALUATION

Administrative (non-technical) modifications to TSs are intended to incorporate human factors principles into the form and structure of the TSs so plant operations personnel can more easily and effectively use them. These modifications are editorial in nature or involve the reorganization or reformatting of TS requirements without affecting technical content or operational restrictions.

The following table provides a summary description of the proposed administrative changes.

Plant	TS Section	Summary
MP1	5.1.3	Replaces the phrase “Quality Assurance Program Topical Report” with “appropriate administrative documents.”
MP1	5.3.1	Replaces the phrase “except for:” with “Exceptions to this requirement are specified in the Quality Assurance Program.”
MP1	5.3.1.1	Revised numbering.
MP1	5.3.1.2	Deletes the section that specifically describes the qualification requirements of the Radiation Protection Manager. These requirements are covered by the wording contained in TS 5.3.1.

The NRC staff reviewed the administrative and editorial changes proposed by DNC. The staff confirmed that the appropriate information, discussed above, was captured correctly in the proposed QA program. The staff concludes that the proposed TS changes (1) satisfy the guidance with regard to the content of the TSs, (2) conform to the model provided in NUREG-1432, (3) do not result in any change in operating requirements, and (4) are consistent with the Commission’s regulations.

#### 5.0 STATE CONSULTATION

In accordance with the Commission’s regulations, the Connecticut State official was notified of the proposed issuance of the amendment. The Connecticut State official agreed with the NRC staff’s conclusion as stated in Section 7.0 of this Safety Evaluation.

## 6.0 ENVIRONMENTAL CONSIDERATION

The amendment changes selective administrative controls within the restricted area as defined in 10 CFR Part 20. The NRC staff has determined that the amendment involves no significant increase in the amounts, and no significant change in the types, of any effluents that may be released offsite, and that there is no significant increase in individual or cumulative occupational radiation exposure. The Commission has previously issued a proposed finding that the amendment involves no significant hazards consideration, and there has been no public comment on such finding (70 FR 2888). Accordingly, the amendment meets the eligibility criteria for categorical exclusion set forth in 10 CFR 51.22(c)(9). Pursuant to 10 CFR 51.22(b), no environmental impact statement or environmental assessment need be prepared in connection with the issuance of the amendments.

## 7.0 CONCLUSION

The Commission has concluded, based on the considerations discussed above, that: (1) there is reasonable assurance that the health and safety of the public will not be endangered by operation in the proposed manner, (2) such activities will be conducted in compliance with the Commission's regulations, and (3) the issuance of the amendment will not be inimical to the common defense and security or to the health and safety of the public.

Principal Contributors: R. Pelton  
K. Kavanagh

Date: September 15, 2005