

December 22, 2003

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

SUBJECT: MILLSTONE POWER STATION, UNIT NO. 3 - ENVIRONMENTAL  
ASSESSMENT AND FINDING OF NO SIGNIFICANT IMPACT RELATED TO  
EXEMPTION FROM REQUIREMENTS OF TITLE 10 OF THE CODE OF  
FEDERAL REGULATIONS, SECTION 54.17(C) (TAC NO. MB7039)

Dear Mr. Christian:

Enclosed is a copy of the Environmental Assessment and Finding of No Significant Impact related to your application for exemption dated December 13, 2002, as supplemented on April 28, 2003 and September 3, 2003. The proposed schedular exemption would allow Dominion Nuclear Connecticut, Inc. to apply for a renewed license for Millstone Power Station, Unit No. 3 earlier than 20 years before the expiration of the operating license currently in effect.

The assessment is being forwarded to the Office of the Federal Register for publication.

Sincerely,

**/RA/**

Victor Nerses, Senior Project Manager, Section 2  
Project Directorate I  
Division of Licensing Project Management  
Office of Nuclear Reactor Regulation

Docket No. 50-423

Enclosure: As stated

cc w/encl: See next page

December 22, 2003

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

SUBJECT: MILLSTONE POWER STATION, UNIT NO. 3 - ENVIRONMENTAL  
ASSESSMENT AND FINDING OF NO SIGNIFICANT IMPACT RELATED TO  
EXEMPTION FROM REQUIREMENTS OF TITLE 10 OF THE CODE OF  
FEDERAL REGULATIONS, SECTION 54.17(C) (TAC NO. MB7039)

Dear Mr. Christian:

Enclosed is a copy of the Environmental Assessment and Finding of No Significant Impact related to your application for exemption dated December 13, 2002, as supplemented on April 28, 2003 and September 3, 2003. The proposed schedular exemption would allow Dominion Nuclear Connecticut, Inc. to apply for a renewed license for Millstone Power Station, Unit No. 3 earlier than 20 years before the expiration of the operating license currently in effect.

The assessment is being forwarded to the Office of the Federal Register for publication.

Sincerely,

**/RA/**

Victor Nerses, Senior Project Manager, Section 2  
Project Directorate I  
Division of Licensing Project Management  
Office of Nuclear Reactor Regulation

Docket No. 50-423

Enclosure: As stated

cc w/encl: See next page

**DISTRIBUTION:**

PUBLIC	OGC	PD I-2 R/F	CHolden
JClifford	CRaynor	JTappert	VNerses
BPlatchek, RGI	ACRS		

ADAMS Accession Number: ML033230379

\* See previous concurrence

OFFICE	PDI-2/PM	PDI-2/LA	RLSB/SC*	OGC	PCI-2/SC
NAME	REnnis for VNerses	CRaynor	TKenyon for JTappert	SUttal	CHolden for JClifford
DATE	11/24/03	11/24/03	11/21/03	12/8/03	12/19/03

**OFFICIAL RECORD COPY**

UNITED STATES NUCLEAR REGULATORY COMMISSION

DOMINION NUCLEAR CONNECTICUT, INC.

DOCKET NO. 50-423

MILLSTONE POWER STATION, UNIT NO.3

ENVIRONMENTAL ASSESSMENT AND FINDING OF

NO SIGNIFICANT IMPACT

The U.S. Nuclear Regulatory Commission (NRC) is considering issuance of an exemption from Title 10 of the *Code of Federal Regulations* (10 CFR) Section 54.17(c) for Facility Operating License No. NPF-49, issued to Dominion Nuclear Connecticut, Inc. (DNC), for operation of Millstone Power Station, Unit No. 3 (MP3), located in Waterford, Connecticut. Therefore, as required by 10 CFR 51.21, the NRC is issuing this environmental assessment and finding of no significant impact.

ENVIRONMENTAL ASSESSMENT

Identification of the Proposed Action:

The proposed action would grant a schedular exemption from the provision of 10 CFR 54.17(c), which stipulates that a licensee may not apply for a renewed operating license earlier than 20 years before the current license expires. The exemption would allow DNC to submit a renewal application for MP3 earlier than 20 years before expiration of its operating license.

The Need for the Proposed Action:

The proposed action would allow DNC to submit one application for renewal of the operating licenses of both nuclear units located at the site, with the goal of attaining efficiencies for preparation and review of the application.

Environmental Impacts of the Proposed Action:

The NRC has completed its evaluation of the proposed action and concludes that the issuance of the proposed exemption will not have a significant environmental impact. The proposed schedular exemption pertains solely to the future submission of an application to renew the MP3 operating license. It causes no changes to the current design or operation of MP3, and imparts no prejudice in the future review of the application for license renewal.

The proposed action will not significantly increase the probability or consequences of accidents, no changes are being made in the types or amounts of radiological effluents that may be released off site, and there is no significant increase in occupational or public radiation exposure. Therefore, there are no significant radiological environmental impacts associated with the proposed action.

With regard to potential nonradiological impacts, the proposed action does not have a potential to affect any historic sites. It does not affect nonradiological plant effluents and has no other environmental impact. Therefore, there are no significant nonradiological environmental impacts associated with the proposed action.

Accordingly, the NRC concludes that there are no significant environmental impacts associated with the proposed action.

Environmental Impacts of the Alternatives to the Proposed Action:

As an alternative to the proposed action, the staff considered denial of the proposed action (i.e., the “no-action” alternative). Denial of the application would result in no change in current environmental impacts. The environmental impacts of the proposed action and the alternative action are similar.

Alternative Use of Resources:

The action does not involve the use of any different resource than those previously considered in the Final Environmental Statement for MP3, dated December 1984.

Agencies and Persons Consulted:

On November 5, 2003, the NRC staff consulted with the Connecticut official, Mr. Michael Firsick of the Connecticut Department of Environmental Protection, regarding the environmental impact of the proposed action. The State official had no comments.

FINDING OF NO SIGNIFICANT IMPACT

On the basis of the environmental assessment, the NRC concludes that the proposed action will not have a significant effect on the quality of the human environment. Accordingly, the NRC has determined not to prepare an environmental impact statement for the proposed action.

For further details with respect to the proposed action, see the licensee's letter dated December 13, 2002, as supplemented on April 28, 2003 and September 3, 2003. Documents may be examined, and/or copied for a fee, at the NRC's Public Document Room (PDR), located at One White Flint North, 11555 Rockville Pike (first floor), Rockville, Maryland. Publicly available records will be accessible electronically from the Agencywide Documents Access and Management System (ADAMS) Public Electronic Reading Room on the Internet at the NRC Web site, <http://www.nrc.gov/reading-rm/adams.html>. Persons who do not have access to ADAMS or who encounter problems in accessing the documents located in ADAMS, should contact the NRC PDR Reference staff by telephone at 1-800-397-4209 or 301-415-4737, or by e-mail to [pdr@nrc.gov](mailto:pdr@nrc.gov).

Dated at Rockville, Maryland, this 22<sup>nd</sup> day of December 2003.

FOR THE NUCLEAR REGULATORY COMMISSION

**/RA/**

Victor Nerses, Senior Project Manager, Section 2  
Project Directorate I  
Division of Licensing Project Management  
Office of Nuclear Reactor Regulation

Millstone Power Station, Unit No. 3

cc:

Lillilan 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

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

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

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

Mr. John Markowicz  
Co-Chair  
Nuclear Energy Advisory Council  
9 Susan Terrace  
Waterford, CT 06385

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

Senior Resident Inspector  
Millstone Power Station  
c/o U.S. Nuclear Regulatory Commission  
P. O. Box 513  
Niantic, CT 06357

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

Ms. Nancy Burton  
147 Cross Highway  
Redding Ridge, CT 00870

Mr. William D. Meinert  
Nuclear Engineer  
Massachusetts Municipal Wholesale  
Electric Company  
Moody Street  
P.O. Box 426  
Ludlow, MA 01056

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

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

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

Millstone Power Station, Unit No. 3

cc:

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

Mr. M. J. Wilson  
Manager - Nuclear Training  
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  
and Maintenance  
Dominion Nuclear Connecticut, Inc.  
Rope Ferry Road  
Waterford, CT 06385

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