

Dominion Nuclear Connecticut, Inc.
Millstone Power Station
Rope Ferry Road
Waterford, CT 06385



Dominion™

FEB 26 2010

Serial No. RA-10-006
MPS NSSL/GJC R0
Docket No. F-2010

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CONNECTICUT
SITING COUNCIL

Daniel F. Caruso, Chairman
Connecticut Siting Council
10 Franklin Square
New Britain, CT 06051

Re: Docket No. F-2010 - Connecticut Siting Council Review of the Ten-Year
Forecast of Connecticut Electric Loads and Resources – Dominion Nuclear
Connecticut, Inc.

Dear Chairman Caruso:

Pursuant to the provisions of Section 16-50r of the Connecticut General Statutes, Dominion Nuclear Connecticut, Inc. (DNC) submits the attached report of its ten-year forecast of loads and resources. DNC is the majority owner and licensed operator of Millstone Power Station located in Waterford, Connecticut. In accordance with the Council's instructions, an original and 20 copies are enclosed.

Please contact Mr. Daniel A. Weekley, Managing Director, Northeast Government Affairs at (860) 444-5271 with questions or if additional information is needed.

Sincerely,

A. J. Jordan
Site Vice President – Millstone

Attachment: 1 Docket No. F-2010, Review of The Ten-Year Forecast of Connecticut
Electric Loads And Resources

cc: Daniel A. Weekley
Lillian M. Cuoco, Esq.

ATTACHMENT 1

Docket No. F-2010,
Review of The Ten-Year Forecast of
Connecticut Electric Loads And Resources

MILLSTONE POWER STATION
DOMINION NUCLEAR CONNECTICUT, INC. (DNC)

STATE OF CONNECTICUT
CONNECTICUT SITING COUNCIL

IN RE: : Docket No. F-2010
REVIEW OF THE TEN-YEAR FORECAST :
OF CONNECTICUT ELECTRIC LOADS :
AND RESOURCES :

February 26, 2010

REPORT OF FORECAST OF LOADS AND RESOURCES
DOMINION NUCLEAR CONNECTICUT, INC.

Pursuant to the provisions of Section 16-50r of the General Statutes, Dominion Nuclear Connecticut, Inc. (DNC), the operator of Millstone Power Station (Millstone), hereby submits this report of its ten-year forecast of loads and resources. Millstone consists of three power generating units. Millstone Unit 1, which is owned in its entirety by DNC, permanently ceased operations in 1998. Millstone Unit 2 is owned, in its entirety, by DNC. DNC owns 93.47% of Millstone Unit 3. The remaining interest in Millstone Unit 3 is owned by the Massachusetts Municipal Wholesale Electric Company (4.8%) and Central Vermont Public Service Corporation (1.73%).

(1) A Tabulation of Estimated Peak Load, Resources and Margins for Each Year

Millstone Units 2 and 3 are DNC's sole power generating assets in the State of Connecticut. DNC acquired Millstone on March 31, 2001, acquiring rights to all generation beginning April 1, 2001. Millstone Unit 2 has the capacity to generate 883.5 net megawatts (MW) of electricity and Millstone Unit 3 has the capacity to generate 1,227 net MW of electricity.

DNC, as a wholesale power producer, does not have a franchise territory within which it would estimate peak load requirements or margins for the period 2008 through 2017, and therefore, no such estimates are offered.

(2) Data on Energy Use and Peak Loads for the Five Preceding Calendar Years

As stated in DNC's February 23, 2006, submittal, in the time period February 1, 2005 to January 31, 2006, Millstone generated 15,573,025 megawatt-hours of electricity for sale into the New England power grid. Millstone generated 15,571,841 megawatt-hours of electricity in calendar year 2005 (January 1, 2005 through December 31, 2005).

As stated in DNC's February 26, 2007, submittal, in the time period January 1, 2006 to December 31, 2006 (calendar year 2006), Millstone generated 16,589,445 megawatt-hours of electricity for sale into the New England power grid.

As stated in DNC's February 29, 2008 submittal, in the time period January 1, 2007 to December 31, 2007 (calendar year 2007), Millstone generated 16,384,495 megawatt-hours of electricity for sale into the New England power grid.

In the time period January 1, 2008 to December 31, 2008 (calendar year 2008), Millstone generated 15,432,947 megawatt-hours of electricity for sale into the New England power grid.

In August 2008, the NRC approved an application filed by DNC to increase the overall generating capacity of Millstone Unit 3 by approximately

seven (7) per cent. DNC's successful implementation of the uprate increased the unit's output by approximately 77 MW from 1150 to 1,227 MW.

In the time period January 1, 2009 to December 31, 2009 (calendar year 2009), Millstone generated 16,657,380 megawatt-hours of electricity for sale into the New England power grid.

(3) A List of Existing Generating Facilities in Service

Millstone Unit 2 883.5 MW Generating Capacity

Millstone Unit 3 1,227 MW Generating Capacity

(4) A List of Scheduled Generating Facilities For Which Property Has Been Acquired, For Which Certificates Have Been Issued, and For Which Certificate Applications Have Been Filed.

None.

(5) A List of Planned Generating Units at Plant Locations For Which Property Has Been Acquired, or at Plant Locations not Yet Acquired, That Will Be Needed to Provide Estimated Additional Electrical Requirements, and the Location of Such Facilities.

None.

(6) A List of Planned Transmission Lines on Which Proposed Route Reviews Are Being Undertaken or For Which Certificate Applications Have Already Been Filed.

None.

- (7) **A Description of the Steps Taken to Upgrade Existing Facilities and to Eliminate Overhead Transmission and Distribution Lines in Accordance with the Regulations and Standards Described in Section 16-50t.**

None.

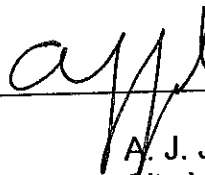
- (8) **Private Power Producers**

Not applicable.

Respectfully submitted,

DOMINION NUCLEAR CONNECTICUT, INC.

By



A. J. Jordan

Site Vice President – Millstone