



Commonwealth of Massachusetts
Executive Office of Energy & Environmental Affairs

Department of Environmental Protection

Northeast Regional Office • 205B Lowell Street, Wilmington MA 01887 • 978-694-3200

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July 31, 2012

Cathy C. Taylor
Director, Electrical Environmental Services
Dominion Resources Services, Inc.
5000 Dominion Boulevard
Glen Allen, Virginia 23060

Re: **SALEM** - Metropolitan
Boston/Northeast Region
310 CMR 7.22
Acid Rain Control Plan
Application No. MBR-90-COM-079
AMENDED APPROVAL

Dear Ms. Taylor:

The Department of Environmental Protection (“MassDEP”), Bureau of Waste Prevention has completed review of the Dominion Energy Salem Harbor, LLC (“Dominion”) revised control plan submitted pursuant to 310 CMR 7.22 Sulfur Dioxide Emissions Reductions for the Purpose of Reducing Acid Rain for your Salem Harbor Station facility located at 24 Fort Avenue in Salem, Massachusetts. 310 CMR 7.22 requires any person owning, operating, leasing or controlling a fossil fuel or alternative fuel utilization facility with a capacity to burn fuel at a rate greater than or equal to 100 million Btu per hour and with an emission rate greater than 1.2 pounds of sulfur dioxide (SO₂) per million Btu of fuel input, to submit a Control Plan. The Control Plan is to detail the method and schedule by which an owner or operator of a facility meeting the above criteria will achieve and maintain compliance with the emission limitation set forth in 310 CMR 7.22(1).

Dominion currently operates in accordance with the Acid Rain Control Plan approved by MassDEP dated March 5, 1993 (Application No. MBR-90-COM-079 and 4B90147) which approved averaging between the Brayton Point Station and the Salem Harbor Station facilities as allowed by 310 CMR 7.22(3)(b). The March 5, 1993 approval was amended on March 4, 1996 and April 22, 1996.

Dominion has submitted a revised Acid Rain Control Plan titled “Dominion Energy Salem Harbor, LLC Control Plan for Compliance with Massachusetts Acid Rain Law 310 CMR 7.22” dated April 2, 2012. According to the plan submitted, Dominion proposes for Salem Harbor Station to comply with the requirements of 310 CMR 7.22 without averaging with the Brayton Point Station as allowed by 310 CMR 7.22(3)(a). The 1.2 pounds of SO₂ annual average emission limit for SO₂ as set forth in 310 CMR 7.22(1) will be met by Dominion by managing

This information is available in alternate format. Call Michelle Waters-Ekanem, Diversity Director, at 617-292-5751. TDD# 1-866-539-7622 or 1-617-574-6868
MassDEP Website: www.mass.gov/dep

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Units 3 and 4 sulfur in fuels to control SO₂ emissions. Units 1 and 2 have been removed from service effective December 31, 2011.

Historically, Salem Harbor Station's fuel procurement strategy has allowed Dominion Salem Harbor Station to comply with the SO₂ limit for at least the past five years without needing to do emission averaging with Brayton Point Station.

No specific equipment changes at the Dominion facility are needed to maintain compliance with the annual SO₂ emission limit in 310 CMR 7.22(1).

MassDEP finds that the Acid Rain Control Plan dated April 2, 2012 meets the requirements of 310 CMR 7.22 Sulfur Dioxide Emissions Reductions for the Purpose of Reducing Acid Rain and hereby approves the plan subject to the following conditions:

1. Pursuant to 310 CMR 7.22(1), Dominion shall maintain an annual compound emission rate for Units 3 and 4, in total, of less than or equal to 1.2 pounds of SO₂ per million Btu of fuel input.
2. Pursuant to 310 CMR 7.22(5), Dominion shall monitor and maintain a record of SO₂ emissions and heat input of each fuel by continuous emission monitors that meet the requirements of 40 CFR 75.
3. Pursuant to 310 CMR 7.22(5), Dominion shall demonstrate compliance with the SO₂ emission limit utilizing SO₂ emission data and heat input data generated and reported in accordance with 40 CFR 75.
4. Pursuant to 310 CMR 7.22(4)(b), Dominion shall maintain a record and submit an emission compliance report that summarizes calendar year SO₂ emission data on an annual basis. The compliance report shall be submitted to MassDEP by January 30 of each year and shall provide Units 3 and 4 SO₂ emission data and a facility compound SO₂ emission rate derived from data generated per Condition 3.

Nothing in this Approval shall be deemed to alter any responsibility of Dominion to comply with 310 CMR 7.00 *et seq.* and all terms of any permit(s) or approval(s) issued by MassDEP pursuant to 310 CMR 7.00.

This Approval supersedes the Acid Rain Control Plan approved by MassDEP dated March 5, 1993 (Application No. MBR-90-COM-079 and 4B90147) which approved averaging between the Brayton Point Station and the Salem Harbor Station, as amended on March 4, 1996 and April 22, 1996.

On July 30, 2012, Dominion submitted to MassDEP an Operating Permit Minor Modification Application pursuant to the requirements of 310 CMR 7.00: Appendix C concerning the proposal approved herein.

This Approval is an action of MassDEP; you have a limited right to appeal. Please refer to the attached "APPEAL OF APPROVAL" information.

Enclosed is a stamped approved copy of the application.

Should you have any questions pertaining to this Approval, please contact Cosmo Buttaro by telephone at (978) 694-32821, or in writing at the letterhead address.

Sincerely,

*This final document copy is being provided to you electronically by the
Department of Environmental Protection. A signed copy of this document
is on file at the DEP office listed on the letterhead.*

James E. Belsky
Regional Permit Chief
Bureau of Waste Prevention

Attachment: Appeal of Approval

Enclosure

cc: Lamont W. Beaudette, Dominion Energy Salem Harbor, LLC, 24 Fort Avenue, Salem, MA 01970
Meredith M. Simas, Dominion Resources Services Inc., 1 Brayton Point Road, Somerset, MA 02725
Board of Health, 120 Washington Street, 4th Floor, Salem, MA 01970
Fire Headquarters, 48 Lafayette Street, Salem, MA 01970
City Hall, 93 Washington Street, Salem, MA 01970
MassDEP/Boston – Yi Tian (E-Copy)
MassDEP/NERO – Marc Altobelli (E-Copy), Mary Persky, Cosmo Buttaro
MassDEP/SERO – BWP Permit Chief (E-Copy)

APPEAL OF APPROVAL

This Approval is an action of MassDEP. If you are aggrieved by this action, you may request an adjudicatory hearing. A request for a hearing must be made in writing and be postmarked within twenty-one (21) days of the date of issuance of this Approval.

Under 310 CMR 1.01(6)(b), the request must state clearly and concisely the facts, which are the grounds for the request, and the relief sought. Additionally, the request must state why the Approval is not consistent with applicable laws and regulations.

The hearing request along with a valid check payable to the Commonwealth of Massachusetts in the amount of one hundred dollars (\$100.00) must be mailed to:

Commonwealth of Massachusetts
Department of Environmental Protection (MassDEP)
P.O. Box 4062
Boston, Massachusetts 02211

The request will be dismissed if the filing fee is not paid, unless the appellant is exempt or granted a waiver as described below.

The filing fee is not required if the appellant is a city or town (or municipal agency), county, or district of the Commonwealth of Massachusetts, or a municipal housing authority.

MassDEP may waive the adjudicatory hearing-filing fee for a person who shows that paying the fee will create an undue financial hardship. A person seeking a waiver must file, together with the hearing request as provided above, an affidavit setting forth the facts believed to support the claim of undue financial hardship.