



March 30, 2010

Attn: Document Control Desk  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555-0001

Serial No. 10-111  
NLOS/TJS R8  
Docket No. 50-245  
License No. DPR-21

**DOMINION NUCLEAR CONNECTICUT, INC.**  
**MILLSTONE POWER STATION UNIT 1**  
**DECOMMISSIONING FUNDING STATUS REPORT**

Pursuant to 10 CFR 50.75(f)(1), Dominion Nuclear Connecticut, Inc. (DNC) submits the attached information on the status of decommissioning funding for Millstone Power Station Unit 1 (MPS1). There have been no material changes to the trust agreements established for nuclear decommissioning of MPS1 since the last submittal (letter Serial No. 09-038 dated March 30, 2009).

Table 1 provides the amount of decommissioning funds accumulated as of December 31, 2009, the current decommissioning cost estimate, and the escalation and earning rates assumed to demonstrate that the accumulated funds are sufficient. The decommissioning cost estimate is based on the current (2008) site-specific decommissioning cost study and conservatively includes spent fuel management and non-radiological decommissioning costs. Table 2 provides a cash flow analysis based on annual expenditures identified in the decommissioning cost study and shows the accumulated funds are sufficient to cover not only radiological decommissioning costs but also spent fuel management and non-radiological costs.

Should you have any questions regarding this submittal, please contact Mr. David A. Sommers at (804) 273-2823.

Sincerely,

A handwritten signature in black ink, appearing to read "L. Hartz".

Leslie N. Hartz  
Vice President - Nuclear Support Services

Attachment

Commitments made by this letter: None

cc: U. S. Nuclear Regulatory Commission  
Region I  
475 Allendale Road  
King of Prussia, PA 19406-1415

Mr. J. B. Hickman  
NRC Project Manager, MPS-1  
U. S. Nuclear Regulatory Commission  
Two White Flint North  
Mail Stop T-8 F5  
11545 Rockville Pike  
Rockville, MD 20852-2738

NRC Senior Resident Inspector  
Millstone Power Station

**Attachment**

**NUCLEAR DECOMMISSIONING FUNDING STATUS REPORT**

**Millstone Power Station Unit 1**

**Dominion Nuclear Connecticut, Inc.**

**DOMINION NUCLEAR CONNECTICUT, INC.**  
**Nuclear Decommissioning Financial Assurance Summary Information**  
**as of 12/31/09 (Table 1)**

**Decommissioning Funding Status Report for Millstone Unit 1**  
**Updated Decommissioning Funding Worksheet as of 12/31/2009**  
**(in Millions)**

<b>Decommissioning Cost Estimate</b>			
\$	421.850	Remaining Decommissioning cost	estimate in : 1/1/2010 Dollars

<b>Decommissioning Trust Funds</b>			
\$	286.110	Unit 1 Qualified Fund Balance	as of: 12/31/2009
\$	-	Unit 1 Non-Qualified Fund Balance	as of: 12/31/2009
\$	286.110	Total Decommissioning Fund Balance	as of: 12/31/2009

<b>Inputs</b>	
2010	Start year of Analysis
4.73%	Escalation Rate (2010 & Beyond)
6.73%	After Tax Earnings - Long Term (assumes 2% Real Rate of Return)
Annual Expenditures	Projected Annual Expenditures as shown in Table 2

**DOMINION NUCLEAR CONNECTICUT, INC.**  
**Nuclear Decommissioning Financial Assurance Annual Earnings and Expenditures**  
**as of 12/31/09 (Table 2)**

Cost Estimate Basis - 2008 EnergySolutions Cost Study - Remaining Decom Costs (in FV Millions \$)					
Year	Beginning of Year Balance	Projected Earnings	Projected Unit 1 Expenditures (in future \$)	End of Year Balance	Remaining Unit 1 Decom Expenditures in 1/1/2010 \$
2010	\$ 286.110	\$ 19.087	\$ 4.884	\$ 300.313	\$ 4.884
2011	\$ 300.313	\$ 20.032	\$ 5.184	\$ 315.161	\$ 4.950
2012	\$ 315.161	\$ 21.023	\$ 5.430	\$ 330.755	\$ 4.950
2013	\$ 330.755	\$ 22.064	\$ 5.686	\$ 347.132	\$ 4.950
2014	\$ 347.132	\$ 23.157	\$ 5.955	\$ 364.333	\$ 4.950
2015	\$ 364.333	\$ 24.305	\$ 6.237	\$ 382.401	\$ 4.950
2016	\$ 382.401	\$ 25.510	\$ 6.532	\$ 401.380	\$ 4.950
2017	\$ 401.380	\$ 26.777	\$ 6.841	\$ 421.316	\$ 4.950
2018	\$ 421.316	\$ 28.108	\$ 7.164	\$ 442.260	\$ 4.950
2019	\$ 442.260	\$ 29.505	\$ 7.503	\$ 464.262	\$ 4.950
2020	\$ 464.262	\$ 30.974	\$ 7.858	\$ 487.379	\$ 4.950
2021	\$ 487.379	\$ 32.517	\$ 8.229	\$ 511.666	\$ 4.950
2022	\$ 511.666	\$ 34.138	\$ 8.618	\$ 537.186	\$ 4.950
2023	\$ 537.186	\$ 35.841	\$ 9.026	\$ 564.001	\$ 4.950
2024	\$ 564.001	\$ 37.631	\$ 9.453	\$ 592.180	\$ 4.950
2025	\$ 592.180	\$ 39.512	\$ 9.900	\$ 621.793	\$ 4.950
2026	\$ 621.793	\$ 41.489	\$ 10.368	\$ 652.914	\$ 4.950
2027	\$ 652.914	\$ 43.566	\$ 10.858	\$ 685.623	\$ 4.950
2028	\$ 685.623	\$ 44.416	\$ 51.029	\$ 679.010	\$ 22.215
2029	\$ 679.010	\$ 45.596	\$ 2.732	\$ 721.873	\$ 1.136
2030	\$ 721.873	\$ 48.475	\$ 2.862	\$ 767.487	\$ 1.136
2031	\$ 767.487	\$ 51.540	\$ 2.997	\$ 816.030	\$ 1.136
2032	\$ 816.030	\$ 54.802	\$ 3.139	\$ 867.692	\$ 1.136
2033	\$ 867.692	\$ 58.273	\$ 3.287	\$ 922.678	\$ 1.136
2034	\$ 922.678	\$ 61.967	\$ 3.448	\$ 981.197	\$ 1.136
2035	\$ 981.197	\$ 65.899	\$ 3.609	\$ 1,043.487	\$ 1.137
2036	\$ 1,043.487	\$ 70.084	\$ 3.789	\$ 1,109.782	\$ 1.140
2037	\$ 1,109.782	\$ 74.539	\$ 3.954	\$ 1,180.367	\$ 1.136
2038	\$ 1,180.367	\$ 79.283	\$ 4.141	\$ 1,255.509	\$ 1.136
2039	\$ 1,255.509	\$ 84.332	\$ 4.337	\$ 1,335.504	\$ 1.136
2040	\$ 1,335.504	\$ 89.707	\$ 4.542	\$ 1,420.669	\$ 1.136
2041	\$ 1,420.669	\$ 95.431	\$ 4.757	\$ 1,511.343	\$ 1.136
2042	\$ 1,511.343	\$ 101.524	\$ 4.982	\$ 1,607.886	\$ 1.136
2043	\$ 1,607.886	\$ 107.967	\$ 6.557	\$ 1,709.296	\$ 1.427
2044	\$ 1,709.296	\$ 113.702	\$ 38.915	\$ 1,784.082	\$ 8.089
2045	\$ 1,784.082	\$ 118.739	\$ 38.757	\$ 1,864.065	\$ 7.692
2046	\$ 1,864.065	\$ 125.224	\$ 5.980	\$ 1,983.308	\$ 1.133
2047	\$ 1,983.308	\$ 133.237	\$ 6.283	\$ 2,110.263	\$ 1.137
2048	\$ 2,110.263	\$ 141.769	\$ 6.579	\$ 2,245.453	\$ 1.137
2049	\$ 2,245.453	\$ 150.855	\$ 6.890	\$ 2,389.419	\$ 1.137
2050	\$ 2,389.419	\$ 160.531	\$ 7.216	\$ 2,542.734	\$ 1.137
2051	\$ 2,542.734	\$ 170.835	\$ 7.557	\$ 2,706.013	\$ 1.137
2052	\$ 2,706.013	\$ 180.616	\$ 43.404	\$ 2,843.225	\$ 6.234
2053	\$ 2,843.225	\$ 173.117	\$ 540.712	\$ 2,475.630	\$ 74.159
2054	\$ 2,475.630	\$ 138.272	\$ 841.262	\$ 1,772.640	\$ 110.170
2055	\$ 1,772.640	\$ 108.695	\$ 314.435	\$ 1,566.900	\$ 39.319
2056	\$ 1,566.900	\$ 94.922	\$ 312.351	\$ 1,349.471	\$ 37.295
2057	\$ 1,349.471	\$ 89.781	\$ 30.283	\$ 1,408.969	\$ 3.453
2058	\$ 1,408.969	\$ 94.795	\$ 0.252	\$ 1,503.512	\$ 0.027
2059	\$ 1,503.512	\$ 101.164	\$ 0.036	\$ 1,604.640	\$ 0.004
2060	\$ 1,604.640	\$ -	\$ -	\$ -	\$ -
Remaining U1 expenditures from 1/1/2010 through end of Decommissioning (in 1/1/2010 \$)					\$ 421.850
Remaining U1 expenditures (in future \$)			\$ 2,446.794		
Estimated Funds at end of Decommissioning (in 1/1/2010 \$)				\$ 61.851	