



March 28, 2013

United States Nuclear Regulatory Commission
Attention: Document Control Desk
Washington, D. C. 20555-0001

Serial No. 13-136
NL&OS/TJS R0
Docket Nos. 50-280, 281
50-338, 339
50-245, 336, 423
50-305
License Nos. DPR-32, 37
NPF-4, 7
DPR-21, 65
NPF-49
DPR-43

VIRGINIA ELECTRIC AND POWER COMPANY
DOMINION NUCLEAR CONNECTICUT, INC.
DOMINION ENERGY KEWAUNEE, INC.
SURRY POWER STATION UNITS 1 AND 2
NORTH ANNA POWER STATION UNITS 1 AND 2
MILLSTONE POWER STATION UNITS 1, 2 AND 3
KEWAUNEE POWER STATION
DECOMMISSIONING FUNDING STATUS REPORT

Pursuant to 10 CFR 50.75(f)(1) and 50.82(a)(8)(v)-(vii), Virginia Electric and Power Company (Dominion), Dominion Nuclear Connecticut, Inc. (DNC) and Dominion Energy Kewaunee, Inc. (DEK) are providing this report on the status of decommissioning funding for each of the eight nuclear power reactors referenced above.

Attachment 1 provides the following information for North Anna Power Station (NAPS) and Surry Power Station (SPS):

- Table I - NRC Minimum Financial Assurance Amount as of 12/31/2012
- Table II - Allocated Radiological Funds Held in External Trusts as of 12/31/2012
- Table III- Current Annual Funding Levels – Radiological Portion
- Table IV- NRC Minimum Financial Assurance Summary Table

Attachment 2 provides the following information for Millstone Power Station (MPS) Units 2 and 3:

- Table I - NRC Minimum Financial Assurance Amount as of 12/31/2012
- Table II - Funds Held in External Trusts as of 12/31/2012
- Table III- Current Annual Funding Levels
- Table IV- NRC Minimum Financial Assurance Summary Table

ADD
NRK

Attachment 3 provides the following information for MPS Unit 1:

Table I - Decommissioning Funding Status Report for Millstone Unit 1
Summary Information as of 12/31/2012

Table II - Decommissioning Funding Status Report for Millstone Unit 1
Annual Cash Flow Analysis Starting 01/01/2013 through End
of Decommissioning

Attachment 4 provides the following information for Kewaunee Power Station (KPS):

Table I - NRC Minimum Financial Assurance Amount as of 12/31/2012

Table II - Funds Held in External Trusts as of 12/31/2012

Table III- Current Annual Funding Levels

Table IV- 10 CFR 50.75(f)(1) Decommissioning Funding Assurance

Table V - 10 CFR 50.82(a)(8)(v)-(vi) Decommissioning Financial Assurance

Table VI- 10 CFR 50.82(a)(8)(vii) Irradiated Fuel Management Plan Assurance

The following information is provided in support and as part of this filing:

1. Preliminary December 2012 Bureau of Labor Statistics indice values as prescribed by NUREG 1307, Rev. 15 are used because the final December 2012 indice values were not available at the time of this filing.
2. The escalation of decommissioning costs is held at 0% based on assuming 2% Real Rate of Return.
3. The growth rate on Trust funds is held at the allowed 2% Real Rate of Return over the escalation rate.
4. No rate regulatory authority citation for SPS or NAPS is referenced because the 2% Real Rate of Return allowed by 50.75(e)(1)(ii) is used in the calculations. MPS and KPS are merchant units.
5. There are no contracts upon which Dominion, DNC or DEK are relying under paragraph 10 CFR 50.75(e)(1)(v) and there were no modifications to the licensees' current method of providing financial assurance since the last submitted report. Dominion, DNC and DEK interpret the language of 50.75(e)(1)(v) to report only in instances where there is a contract or in instances where there is a change to the method of providing financial assurance.
6. The current annual funding amounts shown for SPS and NAPS (Attachment 1, Table III) reflect only those fund amounts that are dedicated to radiological decommissioning. There are no annual funding amounts for MPS or KPS.
7. Trust Fund amounts shown for each of the units in this report are market value and after-tax on realized gains and losses. The Trust Fund balances have not been adjusted for unrealized gain or loss positions not currently taxable.
8. Since the previous biennial submittal on March 29, 2011 (Serial No. 11-133) for SPS, NAPS, MPS Units 2 and 3, and KPS and previous annual submittal on March 22, 2012 (Serial No. 12-094) for MPS Unit 1 there have been no material changes to trust agreements established for nuclear decommissioning for any

Dominion units other than a change in Trust Fund Manager. By letter to the NRC on November 6, 2012 (Serial No. 12-676) Dominion, DNC and DEK provided notification of the change in Trust Fund Manager and copies of the amended and restated trust agreements.

Please contact Mr. David A. Sommers at (804) 273-2823 if you have any questions or require additional information.

Sincerely,



David A. Heacock
President and Chief Nuclear Officer Dominion Nuclear
Virginia Electric and Power Company
Dominion Nuclear Connecticut, Inc.
Dominion Energy Kewaunee, Inc.

Attachments:

Attachment 1 - SPS and NAPS Decommissioning Financial Assurance
Attachment 2 - MPS Units 2 and 3 Decommissioning Financial Assurance
Attachment 3 - MPS Unit 1 Decommissioning Funding Status Report
Attachment 4 - KPS Decommissioning Financial Assurance

Commitments made in this letter: None

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Attachment 1

Nuclear Decommissioning Financial Assurance as of 12/31/2012

Surry Power Station Units 1 and 2

North Anna Power Station Units 1 and 2

Virginia Electric and Power Company (Dominion)

VIRGINIA ELECTRIC AND POWER COMPANY
Nuclear Decommissioning Financial Assurance as of 12/31/2012

VIRGINIA ELECTRIC AND POWER COMPANY					
Nuclear Decommissioning Financial Assurance as of 12/31/2012					
Table I:					
NRC Minimum Financial Assurance Amount as of 12/31/2012					
10 CFR 50.75 (f)(1)					
(Millions of Dollars)					
Customer Classification (see Note 6)	(see Note 5) Surry Unit 1 DPR-32	(see Note 5) Surry Unit 2 DPR-37	(see Notes 1&5) North Anna Unit 1 NPF-4	(see Notes 1&5) North Anna Unit 2 NPF-7	Total All Units
Virginia State Corporation Commission (VSCC)	\$ 388.77	\$ 388.77	\$ 358.04	\$ 358.04	\$ 1,493.62
Company Contribution	\$ -	\$ -	\$ -	\$ -	\$ -
North Carolina Utilities Commission	\$ 23.00	\$ 23.00	\$ 21.18	\$ 21.18	\$ 88.36
Federal Energy Regulatory Commission	\$ 10.38	\$ 10.38	\$ 9.56	\$ 9.56	\$ 39.87
Virginia Retail (not under VSCC jurisdiction)	\$ 54.22	\$ 54.22	\$ 49.94	\$ 49.94	\$ 208.32
Unallocated	\$ 3.94	\$ 3.94	\$ 3.63	\$ 3.63	\$ 15.16
Total	\$ 480.3	\$ 480.3	\$ 442.3	\$ 442.3	\$ 1,845.3
Table II:					
Allocated Radiological Funds Held in External Trusts as of 12/31/2012					
10 CFR 50.75 (f)(1)					
(Millions of Dollars)					
Customer Classification (see Note 6)	(see Note 2) Surry Unit 1 DPR-32	(see Note 2) Surry Unit 2 DPR-37	(see Notes 1 & 2) North Anna Unit 1 NPF-4	(see Notes 1 & 2) North Anna Unit 2 NPF-7	Total All Units
Virginia State Corporation Commission (VSCC)	\$ 244.3	\$ 238.2	\$ 200.3	\$ 190.2	\$ 873.0
Company Contribution	\$ 2.4	\$ 2.7	\$ 0.8	\$ 0.7	\$ 6.7
North Carolina Utilities Commission	\$ 14.9	\$ 16.9	\$ 15.4	\$ 14.6	\$ 61.9
Federal Energy Regulatory Commission	\$ 12.5	\$ 13.9	\$ 4.0	\$ 3.8	\$ 34.2
Virginia Retail (not under VSCC jurisdiction)	\$ 36.1	\$ 39.4	\$ 33.2	\$ 31.1	\$ 139.7
Unallocated	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ 310.2	\$ 311.1	\$ 253.8	\$ 240.4	\$ 1,115.4
Table III:					
Current Annual Funding Levels - Radiological Portion					
10 CFR 50.75 (f)(1)					
(Millions of Dollars)					
Customer Classification	Surry Unit 1 DPR-32	Surry Unit 2 DPR-37	(see Note 1) North Anna Unit 1 NPF-4	(see Note 1) North Anna Unit 2 NPF-7	Total All Units
Virginia State Corporation Commission (VSCC)	\$ -	\$ -	\$ -	\$ -	\$ -
Company Contribution	\$ 0.1	\$ 0.1	\$ 0.1	\$ 0.1	\$ 0.5
North Carolina Utilities Commission	\$ -	\$ -	\$ -	\$ -	\$ -
Federal Energy Regulatory Commission	\$ 0.3	\$ 0.3	\$ 0.1	\$ 0.1	\$ 0.9
Virginia Retail (not under VSCC jurisdiction)	\$ -	\$ -	\$ -	\$ -	\$ -
Unallocated	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ 0.4	\$ 0.5	\$ 0.3	\$ 0.3	\$ 1.4

VIRGINIA ELECTRIC AND POWER COMPANY
Nuclear Decommissioning Financial Assurance as of 12/31/2012

VIRGINIA ELECTRIC AND POWER COMPANY					
Nuclear Decommissioning Financial Assurance as of 12/31/2012					
Table IV:					
NRC Minimum Financial Assurance Summary Table					
10 CFR 50.75 (f)(1)					
(Millions of Dollars - except percentages and years)					
	(see Note 5) Surry Unit 1 DPR-32	(see Note 5) Surry Unit 2 DPR-37	(see Notes 1&5) North Anna Unit 1 NPF-4	(see Notes 1&5) North Anna Unit 2 NPF-7	Total All Units
Method for Providing Financial Assurance	External Sinking Fund	External Sinking Fund	External Sinking Fund	External Sinking Fund	
NRC Minimum Amounts as of 12/31/2012	\$ 480.3	\$ 480.3	\$ 442.3	\$ 442.3	\$ 1,845.3
Funds in External Trusts as of 12/31/2012	\$ 428.9	\$ 422.3	\$ 342.0	\$ 321.5	\$ 1,514.8
Allocated Radiological Funds in External Trusts as of 12/31/2012 (See Note 2)	\$ 310.2	\$ 311.1	\$ 253.8	\$ 240.4	\$ 1,115.4
Allocated Radiological Funds in External Trusts as of 12/31/2012 Minus NRC Minimum Amount as of 12/31/2012 (See Notes 2 & 3)	\$ (170.2)	\$ (169.3)	\$ (188.6)	\$ (201.9)	\$ (729.9)
Projected Annual Escalation Factors	0.00%	0.00%	0.00%	0.00%	
Annual Trust Funds Earnings Rate (After Tax & Fees - assumes 2% Real Rate of Return)	2.00%	2.00%	2.00%	2.00%	
Year That Operating License Expires (Reflects License Renewal for Surry and North Anna)	2032	2033	2038	2040	
NRC Minimum Financial Assurance Amount 3.5 years after start of Decommissioning	\$ 480.3	\$ 480.3	\$ 442.3	\$ 442.3	\$ 1,845.3
Estimated Radiological Funds in External Trusts 3.5 years after start of Decommissioning (See Note 2)	\$ 500.7	\$ 510.2	\$ 458.8	\$ 455.8	\$ 1,925.5
Allocated Radiological Funds in excess or (underfunded) to NRC Minimum 3.5 years after start of Decommissioning (See Notes 2, 3 & 4)	\$ 20.4	\$ 29.9	\$ 16.4	\$ 13.4	\$ 80.2
Estimated Radiological Funds in excess or (underfunded) to NRC Minimum Discounted to 12/31/2008 Dollars (See Note 4 & 5)	\$ 12.7	\$ 18.4	\$ 9.3	\$ 7.2	\$ 47.6

Notes: Tables I through IV (Any minor differences in totals are due to rounding)

- 1) The North Anna Power Station is jointly owned by Virginia Electric and Power Company (88.4%) and Old Dominion Electric Cooperative 11.6%. However, Virginia Electric and Power Company is responsible for 89.26% of the Decommissioning obligation. The amounts stated in the above tables reflect only that portion of the Decommissioning obligation attributable to Virginia Electric and Power Company.
- 2) The Allocated Radiological Fund amounts shown exclude amounts designated for the future Decommissioning of the Independent Spent Fuel Storage Installations (ISFSIs), spent fuel management, and non-radiological decommissioning.
- 3) Negative amounts indicate that the Trust fund values are less than the value of the NRC Minimum for the period indicated.
- 4) The Future Value calculation for Surry and North Anna reflects a 2% Real Rate of Return applied from 01/01/2013 to 3.5 years after start of Decommissioning assuming a 0% Escalation Rate.
- 5) Adjustment Factors used in calculating NRC Minimum Values are based on preliminary December 2012 BLS Producer Price Indices, as final December 2012 indices were not available at the time of the calculation.
- 6) The allocation among customer classifications in Tables I and II is based on 2011 allocation percentages as the 2012 allocations have not yet been finalized.

Attachment 2

Nuclear Decommissioning Financial Assurance as of 12/31/2012

Millstone Power Station Units 2 and 3

Dominion Nuclear Connecticut, Inc. (DNC)

**DOMINION NUCLEAR CONNECTICUT, INC.
Nuclear Decommissioning Financial Assurance as of 12/31/2012**

Dominion Nuclear Connecticut, Inc. Nuclear Decommissioning Financial Assurance as of 12/31/2012						
Table I:						
NRC Minimum Financial Assurance Amount as of 12/31/2012 10 CFR 50.75 (f)(1) (Millions of Dollars)						
Ownership	(See Note 5) MPS Unit 1 DPR-21	(See Note 6) MPS Unit 2 DPR-65	(See Notes 1&6) MPS Unit 3 NPF-49	Total U2 & U3	U3 Ownership %	
Dominion Nuclear Connecticut, Inc.	n/a	\$ 498.9	\$ 495.8	\$ 994.8	93.47%	
Green Mountain Power Corporation	n/a	n/a	\$ 9.2	\$ 9.2	1.73%	
Massachusetts Municipal WEC	n/a	n/a	\$ 25.5	\$ 25.5	4.80%	
Total	n/a	\$ 498.9	\$ 530.5	\$ 1,029.4	100.00%	
Table II:						
Funds Held in External Trusts as of 12/31/2012 10 CFR 50.75 (f)(1) (Millions of Dollars)						
Ownership	(See Note 5) MPS Unit 1 DPR-21	MPS Unit 2 DPR-65	(See Note 1) MPS Unit 3 NPF-49	Total U2 & U3	U3 Ownership %	
Dominion Nuclear Connecticut, Inc.	n/a	\$ 443.6	\$ 436.6	\$ 880.2	93.47%	
Green Mountain Power Corporation	n/a	n/a	\$ 6.7	\$ 6.7	1.73%	
Massachusetts Municipal WEC	n/a	n/a	\$ 22.1	\$ 22.1	4.80%	
Total (see Note 2)	n/a	\$ 443.6	\$ 465.5	\$ 909.1	100.00%	
Table III:						
Current Annual Funding Levels 10 CFR 50.75 (f)(1) (Millions of Dollars)						
Ownership	(See Note 5) MPS Unit 1 DPR-21	MPS Unit 2 DPR-65	(See Note 1) MPS Unit 3 NPF-49	Total U2 & U3	U3 Ownership %	
Dominion Nuclear Connecticut, Inc.	n/a	\$ -	\$ -	\$ -	93.47%	
Green Mountain Power Corporation	n/a	\$ -	\$ -	\$ -	1.73%	
Massachusetts Municipal WEC	n/a	\$ -	\$ -	\$ -	4.80%	
Total	n/a	\$ -	\$ -	\$ -	100.00%	

**DOMINION NUCLEAR CONNECTICUT, INC.
Nuclear Decommissioning Financial Assurance as of 12/31/2012**

Dominion Nuclear Connecticut, Inc. Nuclear Decommissioning Financial Assurance as of 12/31/2012				
Table IV:	NRC Minimum Financial Assurance Summary Table 10 CFR 50.75 (f)(1) (Millions of Dollars - except percentage and years)			
	(See Note 5) MPS Unit 1 DPR-21	(See Note 6) MPS Unit 2 DPR-65	(See Notes 1&6) MPS Unit 3 NPF-49	Total U2 & U3
	n/a	Pre-payment	Pre-payment	
Method for Providing Financial Assurance	n/a	Pre-payment	Pre-payment	
NRC Minimum Amounts as of 12/31/2012	n/a	\$ 498.9	\$ 530.5	\$ 1,029.4
Funds in External Trusts as of 12/31/2012 (See Note 2)	n/a	\$ 443.6	\$ 465.5	\$ 909.1
Funds in External Trusts as of 12/31/2012 Minus NRC Minimum Amounts as of 12/31/2012 (See Notes 2 & 3)	n/a	\$ (55.4)	\$ (65.0)	\$ (120.4)
Projected Annual Escalation Factor	n/a	0.00%	0.00%	
Annual Trust Funds Earnings Rate (After Tax & Fees - assumes 2% Real Rate of Return)	n/a	2.00%	2.00%	
Year That Operating License Expires (Reflects License Renewal for Unit 2 and Unit 3)	Retired 1998	2035	2045	
NRC Minimum Financial Assurance Amount 3.5 years after start of Decommissioning	n/a	\$ 498.9	\$ 530.5	\$ 1,029.4
Estimated Funds in External Trusts 3.5 Years after start of Decommissioning (See Note 2)	n/a	\$ 743.5	\$ 957.4	\$ 1,701.0
Estimated Funds in excess or (underfunded) to NRC Minimum 3.5 years after start of Decommissioning (See Notes 3 & 4)	n/a	\$ 244.6	\$ 427.0	\$ 671.5

Notes: Tables I through IV (Any minor differences in totals are due to rounding)

1. Millstone Unit 3 is jointly owned by Dominion Nuclear Connecticut, Inc.(93.4707%), Green Mountain Power Corporation (1.7303%) and Massachusetts Municipal WEC (4.7990%)
2. The External Trust Funds shown reflect the total amount of funds in the Trusts including U3 Minority Owners, all of which are available for Radiological Decommissioning.
3. Negative amounts indicate that the value of Trust funds are less than the value of the NRC Minimum for the period indicated.
4. The Future Value calculation for Millstone U2 and U3 reflects 2% Real Rate of Return applied 01/01/2013 to 3.5 years after start of Decommissioning assuming a 0.00% Esc Rate.
5. The MPS Unit 1 Decommissioning Funding Worksheet is shown as a separate attachment.
6. Adjustment Factors used in calculating NRC Minimum Values is based on preliminary December 2012 Preliminary BLS Producer Price Indexes, as final December 2012 indexes were not available at time of calculation.

Attachment 3

Decommissioning Funding Status

Millstone Power Station Unit 1

Dominion Nuclear Connecticut, Inc. (DNC)

DOMINION NUCLEAR CONNECTICUT, INC.
Decommissioning Funding Status Report for Millstone Unit 1
Annual Earnings and Expenditures

Table I (see notes 1 and 2)

Decommissioning Funding Status Report for Millstone Unit 1 Summary Information 10 CFR 50.82 (a)(8)(v)-(vii) (In millions)				
Previous Decommissioning Expenditures				
\$	4.491	Dominion ownership previous year 2012		Amount in: 2012 Dollars
\$	63.409	Dominion ownership previous years 2001 through 2011		Amount in: as spent dollars
\$	67.899	Total previous decommissioning expenditures		Amount in: as spent dollars
Remaining Decommissioning Projected Cost				
Total	License Termination	Spent Fuel Mgmt	Site Restoration	Estimate in :
\$ 454.747	\$ 356.771	\$ 66.923	\$ 31.053	01/01/2013 Dollars
Decommissioning Trust Fund Balances				
\$	355.597	Unit 1 qualified fund balance		As of: 12/31/2012
\$	-	Unit 1 non-qualified fund balance		As of: 12/31/2012
\$	355.597	Total decommissioning fund balance		As of: 12/31/2012
Other Financial Assurance Methods Being Relied Upon				
None				
Need For Additional Funding				
None See Annual Cash Flow Analysis in Table II				
Any Modifications To Licensee's Method of Providing Financial Assurance Since Previous Report				
None				
Any Material Changes To Trust Agreement Since Previous Report				
On November 6, 2012 (Serial No. 12-676) Dominion provided notice of the change in Trust Fund Manager and copies of the amended and restated Trust Agreements.				
Inputs				
2013	Start year of analysis			
0.00%	Escalation rate (2013 & beyond)			
2.00%	Fund growth rate (2013 & beyond - Reflects NRC allowed 2% Real Rate of Return)			
Annual expenditures	Projected annual expenditures - see Annual Cash Flow Analysis in Table II			

Notes: Table I

- 1) Previous decommissioning expenditures represent the withdrawals from the nuclear decommissioning trusts made by Dominion Nuclear Connecticut, Inc. These expenditures do not include the withdrawals made by the former owners of Millstone Unit 1.
- 2) These expenditures include withdrawals for irradiated fuel management, consistent with DNC's previous notices to the NRC, as well as allowed ordinary administrative costs.

Table II

**Decommissioning Funding Status Report for Millstone Unit 1
Annual Cash Flow Analysis starting 01/01/2013 through End of Decommissioning
(in millions)**

Year	Column 1 Beginning of Year Balance	Column 2 Earnings on Trust Funds (Reflects 2% RROR)	Column 3 Remaining License Termination (Reflects 0% Esc)	Column 4 Remaining Spent Fuel Mgt (Reflects 0% Esc)	Column 5 Remaining Site Restoration (Reflects 0% Esc)	Column 6 Remaining Total Expenditures (Reflects 0% Esc)	Column 7 End of Year Balance	Column 8 Remaining Unit 1 Decom Expenditures in 2013 \$
2013	\$ 355.597	\$ 7.063	\$ 1.440	\$ 3.437	\$ -	\$ 4.877	\$ 357.784	\$ 4.877
2014	\$ 357.784	\$ 7.109	\$ 1.440	\$ 3.184	\$ -	\$ 4.624	\$ 360.269	\$ 4.624
2015	\$ 360.269	\$ 7.140	\$ 2.072	\$ 4.449	\$ -	\$ 6.522	\$ 360.888	\$ 6.522
2016	\$ 360.888	\$ 7.169	\$ 1.440	\$ 3.412	\$ -	\$ 4.852	\$ 363.205	\$ 4.852
2017	\$ 363.205	\$ 7.204	\$ 1.440	\$ 4.547	\$ -	\$ 5.986	\$ 364.423	\$ 5.986
2018	\$ 364.423	\$ 7.217	\$ 1.440	\$ 5.686	\$ -	\$ 7.126	\$ 364.514	\$ 7.126
2019	\$ 364.514	\$ 7.233	\$ 1.440	\$ 4.306	\$ -	\$ 5.746	\$ 366.001	\$ 5.746
2020	\$ 366.001	\$ 7.261	\$ 1.440	\$ 4.423	\$ -	\$ 5.863	\$ 367.400	\$ 5.863
2021	\$ 367.400	\$ 7.291	\$ 1.440	\$ 4.246	\$ -	\$ 5.686	\$ 369.006	\$ 5.686
2022	\$ 369.006	\$ 7.327	\$ 1.440	\$ 3.851	\$ -	\$ 5.291	\$ 371.042	\$ 5.291
2023	\$ 371.042	\$ 7.370	\$ 1.440	\$ 3.606	\$ -	\$ 5.046	\$ 373.366	\$ 5.046
2024	\$ 373.366	\$ 7.417	\$ 1.440	\$ 3.630	\$ -	\$ 5.069	\$ 375.714	\$ 5.069
2025	\$ 375.714	\$ 7.400	\$ 6.753	\$ 4.702	\$ -	\$ 11.455	\$ 371.658	\$ 11.455
2026	\$ 371.658	\$ 7.369	\$ 1.440	\$ 5.013	\$ -	\$ 6.453	\$ 372.573	\$ 6.453
2027	\$ 372.573	\$ 7.394	\$ 1.440	\$ 4.265	\$ -	\$ 5.705	\$ 374.262	\$ 5.705
2028	\$ 374.262	\$ 7.359	\$ 8.502	\$ 4.167	\$ -	\$ 12.669	\$ 368.952	\$ 12.669
2029	\$ 368.952	\$ 7.350	\$ 2.865	\$ -	\$ -	\$ 2.865	\$ 373.438	\$ 2.865
2030	\$ 373.438	\$ 7.455	\$ 1.328	\$ -	\$ -	\$ 1.328	\$ 379.565	\$ 1.328
2031	\$ 379.565	\$ 7.578	\$ 1.328	\$ -	\$ -	\$ 1.328	\$ 385.816	\$ 1.328
2032	\$ 385.816	\$ 7.703	\$ 1.328	\$ -	\$ -	\$ 1.328	\$ 392.191	\$ 1.328
2033	\$ 392.191	\$ 7.831	\$ 1.328	\$ -	\$ -	\$ 1.328	\$ 398.694	\$ 1.328
2034	\$ 398.694	\$ 7.961	\$ 1.328	\$ -	\$ -	\$ 1.328	\$ 405.327	\$ 1.328
2035	\$ 405.327	\$ 8.093	\$ 1.328	\$ -	\$ -	\$ 1.328	\$ 412.093	\$ 1.328
2036	\$ 412.093	\$ 8.229	\$ 1.328	\$ -	\$ -	\$ 1.328	\$ 418.994	\$ 1.328
2037	\$ 418.994	\$ 8.367	\$ 1.328	\$ -	\$ -	\$ 1.328	\$ 426.033	\$ 1.328
2038	\$ 426.033	\$ 8.507	\$ 1.328	\$ -	\$ -	\$ 1.328	\$ 433.213	\$ 1.328
2039	\$ 433.213	\$ 8.651	\$ 1.328	\$ -	\$ -	\$ 1.328	\$ 440.536	\$ 1.328
2040	\$ 440.536	\$ 8.797	\$ 1.328	\$ -	\$ -	\$ 1.328	\$ 448.006	\$ 1.328
2041	\$ 448.006	\$ 8.947	\$ 1.328	\$ -	\$ -	\$ 1.328	\$ 455.625	\$ 1.328
2042	\$ 455.625	\$ 9.099	\$ 1.328	\$ -	\$ -	\$ 1.328	\$ 463.397	\$ 1.328
2043	\$ 463.397	\$ 9.248	\$ 2.038	\$ -	\$ -	\$ 2.038	\$ 470.606	\$ 2.038
2044	\$ 470.606	\$ 9.360	\$ 5.186	\$ -	\$ -	\$ 5.186	\$ 474.781	\$ 5.186
2045	\$ 474.781	\$ 9.440	\$ 5.602	\$ -	\$ -	\$ 5.602	\$ 478.618	\$ 5.602
2046	\$ 478.618	\$ 9.559	\$ 1.328	\$ -	\$ -	\$ 1.328	\$ 486.850	\$ 1.328
2047	\$ 486.850	\$ 9.724	\$ 1.328	\$ -	\$ -	\$ 1.328	\$ 495.246	\$ 1.328
2048	\$ 495.246	\$ 9.892	\$ 1.328	\$ -	\$ -	\$ 1.328	\$ 503.810	\$ 1.328
2049	\$ 503.810	\$ 10.063	\$ 1.328	\$ -	\$ -	\$ 1.328	\$ 512.545	\$ 1.328
2050	\$ 512.545	\$ 10.184	\$ 6.680	\$ -	\$ -	\$ 6.680	\$ 516.050	\$ 6.680
2051	\$ 516.050	\$ 9.501	\$ 82.039	\$ -	\$ -	\$ 82.039	\$ 443.511	\$ 82.039
2052	\$ 443.511	\$ 7.682	\$ 117.077	\$ -	\$ 1.724	\$ 118.801	\$ 332.392	\$ 118.801
2053	\$ 332.392	\$ 6.094	\$ 49.060	\$ -	\$ 6.322	\$ 55.382	\$ 283.105	\$ 55.382
2054	\$ 283.105	\$ 5.228	\$ 25.343	\$ -	\$ 18.110	\$ 43.452	\$ 244.880	\$ 43.452
2055	\$ 244.880	\$ 4.853	\$ 2.266	\$ -	\$ 2.175	\$ 4.441	\$ 245.293	\$ 4.441
2056	\$ 245.293	\$ 4.882	\$ -	\$ -	\$ 2.390	\$ 2.390	\$ 247.784	\$ 2.390
2057	\$ 247.784	\$ 4.952	\$ -	\$ -	\$ 0.333	\$ 0.333	\$ 252.404	\$ 0.333
Remaining U1 expenditures (in 2013 \$)								\$ 454.747
Remaining U1 expenditures (in Future \$ at 0% Esc)		\$ 356.771	\$ 66.923	\$ 31.053	\$ 454.747			
Estimated Fund Balance - end of Decommissioning (in Future \$ escalated at 0.0% & 2.0% Real Rate of Return Fund Growth Rate)							\$ 252.404	
Estimated Fund Balance - end of Decommissioning (Discounted to 2013 \$)					Discount Rate = 2.00%	\$ 105.606		

DOMINION NUCLEAR CONNECTICUT, INC.
Decommissioning Funding Status Report for Millstone U1
Annual Cash Flow Analysis - Table II Definitions

Table II Definitions:

- Column 1: Beginning of Year Balance:**
Reflects the annual beginning of the year Trust Fund balance.
- Column 2: Earnings on Trust Funds:**
Reflects annual earnings on funds remaining in the trust. A 2.0% Real Rate of Return (RRoR) Fund growth rate is used for 2013 through 2057. The annual 2.0% RRoR earnings are calculated on the beginning balance plus 50% of the projected annual expenditure for each year.
- Column 3: Total License Termination Expenditures:**
Reflects the annual cash flows of the License Termination portion of the Site Specific cost estimate in 2013 dollars at a 0% Escalation Rate.
- Column 4: Total Spent Fuel Management Expenditures:**
Reflects the annual cash flows of the Irradiated Fuel Management Plan portion of the Site Specific cost estimate in 2013 dollars at a 0% Escalation Rate.
- Column 5: Total Site Restoration Expenditures:**
Reflects the annual cash flows of the Site Restoration portion of the Site Specific cost estimate in 2013 dollars at a 0% Escalation Rate.
- Column 6: Total SAFSTOR Expenditures:**
Reflects the annual cash flows of the Total Site Specific cost estimate in 2013 dollars at a 0% Escalation Rate.
- Column 7: End of Year Balance:**
Reflects the annual end of year Trust Fund Balance after projected earnings are added and projected expenditures are deducted for that year.
- Column 8: Remaining Unit 1 Decommissioning Expenditures:**
Reflects the total of License Termination, Spent Fuel Management, and Site Restoration remaining expenditures from the Site Specific Cost Estimate in 2013 dollars.

Attachment 4

Nuclear Decommissioning Financial Assurance as of 12/31/2012

Kewaunee Power Station

Dominion Energy Kewaunee, Inc. (DEK)

DOMINION ENERGY KEWAUNEE, INC.
Nuclear Decommissioning Financial Assurance as of 12/31/2012

By letter dated February 25, 2013 (Serial No. 13-107), DEK notified NRC of its intention to permanently cease power operations at KPS on May 7, 2013. Because DEK has submitted its site specific decommissioning cost estimate pursuant 10 CFR 50.82(a)(4)(i) with the Post Shutdown Decommissioning Activities Report (Serial No. 13-064), this report addresses the information required by both 10 CFR 50.75(f)(1) and 50.82(a)(8)(v)-(vii).

Dominion Energy Kewaunee Kewaunee Power Station Nuclear Decommissioning Financial Assurance as of 12/31/2012		
Table I:		
NRC Minimum Financial Assurance Amount as of 12/31/2012 10 CFR 50.75 (f)(1) (Millions of Dollars)		
Ownership	Kewaunee DPR-43	Total Kewaunee
Dominion Energy Kewaunee (See Note 1)	\$ 449.7	\$ 449.7
Total	\$ 449.7	\$ 449.7
Table II:		
Funds Held in External Trusts as of 12/31/2012 10 CFR 50.75 (f)(1) (Millions of Dollars)		
Ownership	Kewaunee DPR-43	Total Kewaunee
Dominion Energy Kewaunee	\$ 578.6	\$ 578.6
Total	\$ 578.6	\$ 578.6
Table III:		
Current Annual Funding Levels 10 CFR 50.75 (f)(1) (Millions of Dollars)		
Ownership	Kewaunee DPR-43	Total Kewaunee
Dominion Energy Kewaunee	\$ -	\$ -
Total	\$ -	\$ -

DOMINION ENERGY KEWAUNEE, INC.
Nuclear Decommissioning Financial Assurance as of 12/31/2012

Table IV Dominion Energy Kewaunee 10 CFR 50.75 (f)(1) Nuclear Decommissioning Financial Assurance as of 12/31/2012 (in millions)						
The NRC minimum decommissioning estimate, pursuant to 10 CFR 50.75 (b) and (c) (See Note 2)						
\$	449.7					
The Site Specific radiological decommissioning cost estimate (See Note 3)						
\$	542.8					
The amount accumulated at the end of the year preceding the date of the report for items incl in 10 CFR 50.75 (b) & (c) (See Note 4)						
\$	578.6	Unit 1 qualified fund balance	As of:	12/31/2012		
\$	-	Unit 1 non-qualified fund balance	As of:	12/31/2012		
\$	578.6	Total decommissioning fund balance	As of:	12/31/2012		
Schedule of annual amounts remaining to be collected (allocable to radiological decommissioning)						
None						
The assumptions used regarding :						
	0.00%	Estimated escalation rate for decommissioning costs				
	2.00%	Rate of earning on decommissioning funds (See Note 5)				
	None	Rates of other factors used in funding projections				
Any contracts upon which licensee is relying pursuant to 10 CFR 50.75(e)(1)(v)						
None						
Any Modifications To Licensee's Method of Providing Financial Assurance Since Previous Report						
None (See Note 6)						
Any Material Changes To Trust Agreement Since Previous Report						
On November 6, 2012 (Serial No. 12-676) Dominion provided notice of the change in Trust Fund Manager and copies of the amended and restated Trust Agreements.						
Table V Dominion Energy Kewaunee 10 CFR 50.82 (a)(8)(v)-(vi) (See Note 7) Nuclear Decommissioning Financial Assurance as of 12/31/2012 (in millions)						
Previous decommissioning expenditures (withdrawals from Nuclear Decommissioning Trust)						
\$	-	Previous year 2012	Amount in:	n/a		
\$	-	Previous years through 2011	Amount in:	n/a		
\$	-	Total previous decommissioning expenditures	Amount in:	n/a		
Remaining balance of decommissioning trust funds						
\$	578.6	Unit 1 qualified fund balance	As of:	12/31/2012		
\$	-	Unit 1 non-qualified fund balance	As of:	12/31/2012		
\$	578.6	Total decommissioning fund balance	As of:	12/31/2012		
Other financial assurance methods being relied upon						
None (See Note 8)						
Estimated of cost to complete decommissioning						
EnergySolutions Decommissioning Cost Analysis Dated 02/07/2013		Total	License Termination	Spent Fuel Mgmt	Site Restoration	Estimate in :
		\$ 919.9	\$ 542.8	\$ 342.2	\$ 34.8	2012 Dollars
Need For Additional Financial Assurance						
None						

DOMINION ENERGY KEWAUNEE, INC.
Nuclear Decommissioning Financial Assurance as of 12/31/2012

Table VI		Dominion Energy Kewaunee 10 CFR 50.82 (a)(8)(vii) Irradiated Fuel Management Plan Assurance as of 12/31/2012 (in millions)	
The amount of funds accumulated to cover the cost of managing the irradiated fuel			
A cash flow analysis provided in the Updated Irradiated Fuel Management Plan pursuant to 10 CFR 50.54(bb) submitted by letter dated February 26, 2013 shows that the funds accumulated in the Trust are sufficient, with credited earnings at a 2% real rate of return, to cover the estimated cost of radiological decommissioning, irradiated fuel management and site restoration. Approval to use the Trust for this purpose has not yet been obtained.			
The projected cost of managing irradiated fuel			
\$	342.2	(See Note 9)	Amount in: 2012 Dollars
Plan to obtain additional funding			
The plan for providing funding for irradiated fuel management is provided in the Updated Irradiated Fuel Management Plan pursuant to 10 CFR 50.54(bb), submitted on February 26, 2013.			

Notes: Tables I through VI

- 1) Adjustment factors used in calculating the NRC Minimum decommissioning cost estimate use preliminary December 2012 BLS Producer Price indices, as final December 2012 indices were not available at the time of calculation.
- 2) This Site Specific cost estimate was provided in the Kewaunee Power Station, Post-Shutdown Decommissioning Activities Report (Serial No. 13-064) submitted by letter dated February 26, 2013.
- 3) Market value on December 31, 2012, net of taxes on realized gains and losses.
- 4) The 2% Real Rate of Return is based on the rate allowed by 10 CFR 50.75(e)(1)(i) and 10 CFR 50.82(a)(8)(vi) and not on any order of rate setting authority.
- 5) The estimated cost of decommissioning Kewaunee remains prepayment. DEK has submitted a cash flow analysis, provided in its Updated Irradiated Fuel Management Plan Pursuant to 10 CFR 50.54(bb) submitted by letter dated February 26, 2013 (Serial No. 13-075), showing that the amounts accumulated in the Trust are sufficient, with credited earnings at a 2% Real Rate of Return, to cover the estimated cost of radiological decommissioning, irradiated fuel management and site restoration.
- 6) Items already addressed under 10 CFR 50.75(f)(1) are not repeated.
- 7) DEK has in place a Parent Support Agreement in the amount of \$60 million for the purposes of supplementing DEK in the event; 1) of an operational outage lasting six months or more, or 2) for decommissioning of the plant. The Parent Support agreement will remain in place and provides additional financial assurance for decommissioning and irradiated fuel management.
- 8) This estimate is included in the cost study provided as Attachment 1 to the Post Shutdown Decommissioning Activities Report filed on February 26, 2013 (Serial No. 13-064).