



414 Nicollet Mall  
Minneapolis, MN 55401

June 6, 2016

—Via Electronic Filing—

Ms. Patricia Van Gerpen, Executive Director  
South Dakota Public Utilities Commission  
State Capitol Building  
500 East Capitol Avenue  
Pierre, South Dakota 57501-5070

RE: COMPLIANCE FILING  
CREDIT FOR SIXTH DOE SETTLEMENT PAYMENT  
DOCKET NO. EL16-001

Dear Ms. Van Gerpen:

Northern States Power Company, a Minnesota corporation submits to the South Dakota Public Utilities Commission this compliance report regarding the credit to South Dakota retail electric customers resulting from the sixth settlement payment received from the U.S. Department of Energy for failure to take the Company's spent nuclear fuel. We submit this report in compliance with the Commission's February 17, 2016 ORDER in the above-referenced Docket.

#### **CREDIT SUMMARY**

In compliance with the Commission's Order we began posting bill credits from the sixth DOE settlement payment to our electric customers on April 11, 2016 with all credits applied to customer accounts as of May 10, 2016. Including interest accrued since receipt of payment on November 5, 2015, a total of \$676,761 was credited to South Dakota retail electric customers.

As summarized in Attachment A to this filing, the total amount credited included \$675,451 for the South Dakota jurisdictional retail portion, plus interest of \$430 (less \$58 in bank fees), resulting in a total calculated bill credit of \$675,823. The amount actually credited to customers was \$676,761 as shown in Attachment B to

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this filing. We provide the detail of our interest and bank fees calculation in Attachment C to this filing.

Please note, in preparing this report we discovered a clerical error while entering amounts used in calculating the credit refund factor to the customer bill credits. The sixth settlement amount for South Dakota shown on line 1 of Attachment A should have been \$685,514 instead of the \$675,451. This resulted in an under credit amount totaling \$9,125.

This error was discovered after the bill credit implementation process was already under way and given the relatively small amount per customer, we will carry the \$9,125 credit, plus interest, forward to be included in with the next (seventh) DOE Settlement payment bill credits, which we expect to receive in fourth quarter 2016. The derivation of the credit amount carried to the seventh DOE Settlement Payment is shown below.

<b>Corrected SD Settlement Amt. for Sixth DOE Payment</b>	<b>Minus</b>	<b>Settlement Amt. Used for Sixth DOE Payment (Attachment A; line 1)</b>	<b>Minus</b>	<b>Sixth DOE Payment Over-Credit (Attachment A; line 15)</b>	<b>Equals</b>	<b>Credit Amount Applied to Seventh DOE Payment</b>
\$685,514	Minus	\$675,451	Minus	\$938	Equals	\$9,125

Please contact me at [gail.baranko@xcelenergy.com](mailto:gail.baranko@xcelenergy.com) (612-330-6935) if you have any questions regarding this filing.

Sincerely,

/s/

GAIL BARANKO  
MANAGER, REGULATORY PROJECT MANAGEMENT

Enclosures

Northern States Power Company  
 SD DOE Credit, April 2016  
 Sixth DOE Settlement Payment Credit Calculations

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	Five-State Settlement Amount	South Dakota Retail Share
[1] 6th Payment Settlement Amount	\$13,126,958	\$675,451
[2] 6th Payment Interest Earned; Attachment B		\$430
[3] Minus 6th Payment Bank Fees; Attachment B		-\$58
[4] Amount Available 6th Credit		\$675,823

<u>Stratification Components</u>	<u>Weight *</u>	<u>Res</u>	<u>Sm Non Dm</u>	<u>C&amp;I Demand</u>	<u>Lighting</u>	<u>Total</u>
[5] Capacity Component (D10C) **	19.10%	41.10%	5.21%	53.69%	0.00%	100.00%
[6] Energy Component (E8760) **	80.90%	35.96%	4.67%	58.80%	0.58%	100.00%
[7] Wtd Combined Allocation Factor	100.00%	36.94%	4.77%	57.82%	0.47%	100.00%
[8] 6th Credit Target, by Customer Class, [8] = [4] x [7]		\$249,666	\$32,237	\$390,774	\$3,145	\$675,823
[9] Active Customer kWh Sales Jan-Dec 2015		634,451,612	83,814,907	1,219,128,185	15,628,793	1,953,023,497
[10] Calculated Credit Factor, [10] = [8] / [9]		0.0003935	0.0003846	0.0003205	0.0002012	
[11] Est. Number of Active Customers Receiving a Credit		78,305	7,682	3,593	2,012	91,593
[12] kWh Use per Active Cust Jan-Dec 2015, [12] = [9] / [11]		8,102	10,910	339,283	7,766	
[13] Est. Credit / Customer, [13] = [10] x [12]		\$3.19	\$4.20	\$108.75	\$1.56	
[14] Actual Credit by Customer Class: Attachment C; Col [3]		\$249,965	\$32,270	\$391,340	\$3,186	\$676,761
[15] Actual Over or (Under) Credit, [15] = [14] - [8]		\$299	\$32	\$566	\$41	\$938

\* Nuclear Plant Stratification from Docket No. EL14-058 (Test Year 2013)  
 \*\* Class Allocation Factors from Docket No. EL14-058 (Test Year 2013)

**Northern States Power Company**  
**SD DOE Credit, April 2016**  
**Sixth DOE Settlement - Actual Credit Amount by Class**

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<b>Rate Class</b>	<b>[1] kWh Usage For Active Customers</b>	<b>[2] Tax Refund</b>	<b>[3] Actual Tariff Refund</b>	<b>[4] Total Refund w/tax</b>	<b>[5] Applied Factor</b>
Residential	634,451,612	\$14,127	\$249,965	\$264,093	0.000394
C&I Non Demand	83,814,907	\$1,712	\$32,270	\$33,981	0.000385
C&I Demand	1,219,128,185	\$19,386	\$391,340	\$410,726	0.000321
<u>Lighting</u>	<u>15,628,793</u>	<u>\$9</u>	<u>\$3,186</u>	<u>\$3,195</u>	0.000203
Total	1,953,023,497	\$35,234	\$676,760.84	\$711,995	

Northern States Power Company

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**DOE Nuclear Settlement Fund  
 Schedule of Interest Earned - Sixth Settlement Payment - South Dakota Retail  
 November 5, 2015 to May 13, 2016**

Date	Amount	Rate	Daily Int	Cum Int	
11/5/2015	\$685,514.47	0.12%	\$2.25	\$2.25	Principal was increased by \$685,514.47 for 2014 damage claims receipt
11/6/2015	\$685,516.72	0.12%	\$2.25	\$4.51	
11/7/2015	\$685,516.72	0.12%	\$2.25	\$6.76	
11/8/2015	\$685,516.72	0.12%	\$2.25	\$9.02	
11/9/2015	\$685,523.49	0.12%	\$2.25	\$11.27	
11/10/2015	\$685,525.74	0.12%	\$2.25	\$13.52	
11/11/2015	\$685,525.74	0.12%	\$2.25	\$15.78	
11/12/2015	\$685,518.23	0.12%	\$2.25	\$18.03	Principal was reduced by \$12.02 for bank fees.
11/13/2015	\$685,520.48	0.12%	\$2.25	\$20.28	
11/14/2015	\$685,520.48	0.12%	\$2.25	\$22.54	
11/15/2015	\$685,520.48	0.12%	\$2.25	\$24.79	
11/16/2015	\$685,527.24	0.12%	\$2.25	\$27.05	
11/17/2015	\$685,529.50	0.12%	\$2.25	\$29.30	
11/18/2015	\$685,531.75	0.12%	\$2.25	\$31.55	
11/19/2015	\$685,534.00	0.12%	\$2.25	\$33.81	
11/20/2015	\$685,536.26	0.12%	\$2.25	\$36.06	
11/21/2015	\$685,536.26	0.12%	\$2.25	\$38.31	
11/22/2015	\$685,536.26	0.12%	\$2.25	\$40.57	
11/23/2015	\$685,543.02	0.12%	\$2.25	\$42.82	
11/24/2015	\$685,545.27	0.12%	\$2.25	\$45.08	
11/25/2015	\$685,547.53	0.12%	\$2.25	\$47.33	
11/26/2015	\$685,547.53	0.12%	\$2.25	\$49.58	
11/27/2015	\$685,552.03	0.12%	\$2.25	\$51.84	
11/28/2015	\$685,552.03	0.12%	\$2.25	\$54.09	
11/29/2015	\$685,552.03	0.12%	\$2.25	\$56.35	
11/30/2015	\$685,558.80	0.12%	\$2.25	\$58.60	
12/1/2015	\$685,561.05	0.12%	\$2.25	\$60.85	
12/2/2015	\$685,563.30	0.12%	\$2.25	\$63.11	
12/3/2015	\$685,565.56	0.12%	\$2.25	\$65.36	
12/4/2015	\$685,567.81	0.12%	\$2.25	\$67.61	
12/5/2015	\$685,567.81	0.12%	\$2.25	\$69.87	
12/6/2015	\$685,567.81	0.12%	\$2.25	\$72.12	
12/7/2015	\$685,574.57	0.12%	\$2.25	\$74.38	
12/8/2015	\$685,576.83	0.12%	\$2.25	\$76.63	
12/9/2015	\$685,579.08	0.12%	\$2.25	\$78.88	
12/10/2015	\$685,581.33	0.12%	\$2.25	\$81.14	
12/11/2015	\$685,573.21	0.12%	\$2.25	\$83.39	Principal was reduced by \$10.38 for bank fees.
12/12/2015	\$685,573.21	0.12%	\$2.25	\$85.65	
12/13/2015	\$685,573.21	0.12%	\$2.25	\$87.90	
12/14/2015	\$685,579.97	0.12%	\$2.25	\$90.15	
12/15/2015	\$685,582.22	0.12%	\$2.25	\$92.41	
12/16/2015	\$685,584.48	0.12%	\$2.25	\$94.66	
12/17/2015	\$685,586.73	0.12%	\$2.25	\$96.92	
12/18/2015	\$685,588.99	0.12%	\$2.25	\$99.17	
12/19/2015	\$685,588.99	0.12%	\$2.25	\$101.42	
12/20/2015	\$685,588.99	0.12%	\$2.25	\$103.68	
12/21/2015	\$685,595.75	0.12%	\$2.25	\$105.93	
12/22/2015	\$685,598.00	0.12%	\$2.25	\$108.19	
12/23/2015	\$685,600.26	0.12%	\$2.25	\$110.44	
12/24/2015	\$685,602.51	0.12%	\$2.25	\$112.69	
12/25/2015	\$685,602.51	0.12%	\$2.25	\$114.95	
12/26/2015	\$685,602.51	0.12%	\$2.25	\$117.20	
12/27/2015	\$685,602.51	0.12%	\$2.25	\$119.46	
12/28/2015	\$685,611.53	0.12%	\$2.25	\$121.71	
12/29/2015	\$685,613.78	0.12%	\$2.25	\$123.96	
12/30/2015	\$685,616.03	0.12%	\$2.25	\$126.22	
12/31/2015	\$685,618.29	0.12%	\$2.25	\$128.47	
1/1/2016	\$685,618.29	0.12%	\$2.25	\$130.72	
1/2/2016	\$685,618.29	0.12%	\$2.25	\$132.97	
1/3/2016	\$685,618.29	0.12%	\$2.25	\$135.22	
1/4/2016	\$685,627.29	0.12%	\$2.25	\$137.46	
1/5/2016	\$685,629.53	0.12%	\$2.25	\$139.71	
1/6/2016	\$685,631.78	0.12%	\$2.25	\$141.96	
1/7/2016	\$685,634.03	0.12%	\$2.25	\$144.21	
1/8/2016	\$685,636.28	0.12%	\$2.25	\$146.46	
1/9/2016	\$685,636.28	0.12%	\$2.25	\$148.70	
1/10/2016	\$685,636.28	0.12%	\$2.25	\$150.95	
1/11/2016	\$685,633.97	0.12%	\$2.25	\$153.20	Principal was reduced by \$9.05 for bank fees.
1/12/2016	\$685,636.22	0.12%	\$2.25	\$155.45	
1/13/2016	\$685,638.47	0.12%	\$2.25	\$157.70	
1/14/2016	\$685,640.72	0.12%	\$2.25	\$159.94	
1/15/2016	\$685,642.96	0.12%	\$2.25	\$162.19	
1/16/2016	\$685,642.96	0.12%	\$2.25	\$164.44	
1/17/2016	\$685,642.96	0.12%	\$2.25	\$166.69	
1/18/2016	\$685,642.96	0.12%	\$2.25	\$168.94	
1/19/2016	\$685,651.96	0.12%	\$2.25	\$171.18	
1/20/2016	\$685,654.20	0.12%	\$2.25	\$173.43	
1/21/2016	\$685,656.45	0.12%	\$2.25	\$175.68	

Northern States Power Company

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**DOE Nuclear Settlement Fund  
 Schedule of Interest Earned - Sixth Settlement Payment - South Dakota Retail  
 November 5, 2015 to May 13, 2016**

Date	Amount	Rate	Daily Int	Cum Int
1/22/2016	\$685,658.70	0.12%	\$2.25	\$177.93
1/23/2016	\$685,658.70	0.12%	\$2.25	\$180.18
1/24/2016	\$685,658.70	0.12%	\$2.25	\$182.42
1/25/2016	\$685,665.44	0.12%	\$2.25	\$184.67
1/26/2016	\$685,667.69	0.12%	\$2.25	\$186.92
1/27/2016	\$685,669.94	0.12%	\$2.25	\$189.17
1/28/2016	\$685,672.19	0.12%	\$2.25	\$191.42
1/29/2016	\$685,674.44	0.12%	\$2.25	\$193.66
1/30/2016	\$685,674.44	0.12%	\$2.25	\$195.91
1/31/2016	\$685,674.44	0.12%	\$2.25	\$198.16
2/1/2016	\$685,681.18	0.12%	\$2.25	\$200.41
2/2/2016	\$685,683.43	0.12%	\$2.25	\$202.66
2/3/2016	\$685,685.68	0.12%	\$2.25	\$204.91
2/4/2016	\$685,687.93	0.12%	\$2.25	\$207.15
2/5/2016	\$685,690.17	0.12%	\$2.25	\$209.40
2/6/2016	\$685,690.17	0.12%	\$2.25	\$211.65
2/7/2016	\$685,690.17	0.12%	\$2.25	\$213.90
2/8/2016	\$685,696.92	0.12%	\$2.25	\$216.15
2/9/2016	\$685,699.17	0.12%	\$2.25	\$218.39
2/10/2016	\$685,701.41	0.12%	\$2.25	\$220.64
2/11/2016	\$685,693.30	0.12%	\$2.25	\$222.89
2/12/2016	\$685,695.55	0.12%	\$2.25	\$225.14
2/13/2016	\$685,695.55	0.12%	\$2.25	\$227.39
2/14/2016	\$685,695.55	0.12%	\$2.25	\$229.64
2/15/2016	\$685,695.55	0.12%	\$2.25	\$231.88
2/16/2016	\$685,704.54	0.12%	\$2.25	\$234.13
2/17/2016	\$685,706.79	0.12%	\$2.25	\$236.38
2/18/2016	\$685,709.04	0.12%	\$2.25	\$238.63
2/19/2016	\$685,711.29	0.12%	\$2.25	\$240.88
2/20/2016	\$685,711.29	0.12%	\$2.25	\$243.12
2/21/2016	\$685,711.29	0.12%	\$2.25	\$245.37
2/22/2016	\$685,718.03	0.12%	\$2.25	\$247.62
2/23/2016	\$685,720.28	0.12%	\$2.25	\$249.87
2/24/2016	\$685,722.53	0.12%	\$2.25	\$252.12
2/25/2016	\$685,724.78	0.12%	\$2.25	\$254.37
2/26/2016	\$685,727.03	0.12%	\$2.25	\$256.61
2/27/2016	\$685,727.03	0.12%	\$2.25	\$258.86
2/28/2016	\$685,727.03	0.12%	\$2.25	\$261.11
2/29/2016	\$685,733.77	0.12%	\$2.25	\$263.36
3/1/2016	\$685,736.02	0.12%	\$2.25	\$265.61
3/2/2016	\$685,738.27	0.12%	\$2.25	\$267.86
3/3/2016	\$685,740.52	0.12%	\$2.25	\$270.10
3/4/2016	\$685,742.76	0.12%	\$2.25	\$272.35
3/5/2016	\$685,742.76	0.12%	\$2.25	\$274.60
3/6/2016	\$685,742.76	0.12%	\$2.25	\$276.85
3/7/2016	\$685,749.51	0.12%	\$2.25	\$279.10
3/8/2016	\$685,751.76	0.12%	\$2.25	\$281.35
3/9/2016	\$685,754.01	0.12%	\$2.25	\$283.59
3/10/2016	\$685,756.25	0.12%	\$2.25	\$285.84
3/11/2016	\$685,742.22	0.12%	\$2.25	\$288.09
3/12/2016	\$685,742.22	0.12%	\$2.25	\$290.34
3/13/2016	\$685,742.22	0.12%	\$2.25	\$292.59
3/14/2016	\$685,748.97	0.12%	\$2.25	\$294.84
3/15/2016	\$685,751.22	0.12%	\$2.25	\$297.08
3/16/2016	\$685,753.46	0.12%	\$2.25	\$299.33
3/17/2016	\$685,755.71	0.12%	\$2.25	\$301.58
3/18/2016	\$685,757.96	0.12%	\$2.25	\$303.83
3/19/2016	\$685,757.96	0.12%	\$2.25	\$306.08
3/20/2016	\$685,757.96	0.12%	\$2.25	\$308.33
3/21/2016	\$685,764.71	0.12%	\$2.25	\$310.57
3/22/2016	\$685,766.95	0.12%	\$2.25	\$312.82
3/23/2016	\$685,769.20	0.12%	\$2.25	\$315.07
3/24/2016	\$685,771.45	0.12%	\$2.25	\$317.32
3/25/2016	\$685,773.70	0.12%	\$2.25	\$319.57
3/26/2016	\$685,773.70	0.12%	\$2.25	\$321.82
3/27/2016	\$685,773.70	0.12%	\$2.25	\$324.07
3/28/2016	\$685,780.45	0.12%	\$2.25	\$326.31
3/29/2016	\$685,782.69	0.12%	\$2.25	\$328.56
3/30/2016	\$685,784.94	0.12%	\$2.25	\$330.81
3/31/2016	\$685,787.19	0.12%	\$2.25	\$333.06
4/1/2016	\$685,789.44	0.12%	\$2.25	\$335.31
4/2/2016	\$685,789.44	0.12%	\$2.25	\$337.56
4/3/2016	\$685,789.44	0.12%	\$2.25	\$339.80
4/4/2016	\$685,796.18	0.12%	\$2.25	\$342.05
4/5/2016	\$685,798.43	0.12%	\$2.25	\$344.30
4/6/2016	\$685,800.68	0.12%	\$2.25	\$346.55
4/7/2016	\$685,802.93	0.12%	\$2.25	\$348.80
4/8/2016	\$685,805.18	0.12%	\$2.25	\$351.05
4/9/2016	\$685,805.18	0.12%	\$2.25	\$353.30

Principal was reduced by \$10.36 for bank fees.

Principal was reduced by \$16.28 for bank fees.

Northern States Power Company

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**DOE Nuclear Settlement Fund**  
**Schedule of Interest Earned - Sixth Settlement Payment - South Dakota Retail**  
**November 5, 2015 to May 13, 2016**

Date	Amount	Rate	Daily Int	Cum Int
4/10/2016	\$685,805.18	0.12%	\$2.25	\$355.54
4/11/2016	\$685,811.92	0.12%	\$2.25	\$357.79
4/12/2016	\$685,814.17	0.12%	\$2.25	\$360.04
4/13/2016	\$685,816.42	0.12%	\$2.25	\$362.29
4/14/2016	\$685,818.67	0.12%	\$2.25	\$364.54
4/15/2016	\$685,820.92	0.12%	\$2.25	\$366.79
4/16/2016	\$685,820.92	0.12%	\$2.25	\$369.04
4/17/2016	\$685,820.92	0.12%	\$2.25	\$371.28
4/18/2016	\$685,827.66	0.12%	\$2.25	\$373.53
4/19/2016	\$685,829.91	0.12%	\$2.25	\$375.78
4/20/2016	\$685,832.16	0.12%	\$2.25	\$378.03
4/21/2016	\$685,834.41	0.12%	\$2.25	\$380.28
4/22/2016	\$685,836.66	0.12%	\$2.25	\$382.53
4/23/2016	\$685,836.66	0.12%	\$2.25	\$384.78
4/24/2016	\$685,836.66	0.12%	\$2.25	\$387.02
4/25/2016	\$685,843.40	0.12%	\$2.25	\$389.27
4/26/2016	\$685,845.65	0.12%	\$2.25	\$391.52
4/27/2016	\$685,847.90	0.12%	\$2.25	\$393.77
4/28/2016	\$685,850.15	0.12%	\$2.25	\$396.02
4/29/2016	\$685,852.40	0.12%	\$2.25	\$398.27
4/30/2016	\$685,852.40	0.12%	\$2.25	\$400.52
5/1/2016	\$685,852.40	0.12%	\$2.25	\$402.77
5/2/2016	\$685,859.15	0.12%	\$2.25	\$405.01
5/3/2016	\$685,861.39	0.12%	\$2.25	\$407.26
5/4/2016	\$685,863.64	0.12%	\$2.25	\$409.51
5/5/2016	\$685,865.89	0.12%	\$2.25	\$411.76
5/6/2016	\$685,868.14	0.12%	\$2.25	\$414.01
5/7/2016	\$685,868.14	0.12%	\$2.25	\$416.26
5/8/2016	\$685,868.14	0.12%	\$2.25	\$418.51
5/9/2016	\$685,874.89	0.12%	\$2.25	\$420.76
5/10/2016	\$685,877.14	0.12%	\$2.25	\$423.00
5/11/2016	\$685,879.38	0.12%	\$2.25	\$425.25
5/12/2016	\$685,881.63	0.12%	\$2.25	\$427.50
5/13/2016	\$685,883.88	0.12%	\$2.25	\$429.75