

Plant name:

Nine Mile Point Nuclear Station, Unit 1

Docket Number:

50-220

1

The minimum financial assurance (MFA) estimate pursuant to 10 CFR 50.75(b) & (c):

\$561,184,000

Did the licensee identify the amount of estimated radiological funds? (Y/N)

Y

2

The total amount of dollars accumulated at the end of the appropriate year: (see below)

Licensee:	% Owned:	Category:	Amount in Trust Fund:
Constellation Energy Nuclear Group	100.00%	2	\$375,329,000

Total Trust Fund Balance

\$375,329,000

3

Schedule of the annual amounts remaining to be collected: (provided/none)

none

4

Assumptions used in determining rates of escalation in decommissioning costs, rates of earnings on decommissioning funds, and rates of other factors used in funding projections: (see below)

Rate of Return on Earnings	Escalation Rate	Rate(s) of Other Factors	Real Rate of Return	PUC Verified (Y/N)	Allowed through Decom (Y/N)	RAI Needed (Y/N)	Post-RAI		
							PUC Verified (Y/N)	Allowed through Decom (Y/N)	Rates Determined (Y/N)
6.00%	4.00%		2.00%	N	Y	Y	N	Y	Y

5

Any contracts upon which the licensee is relying? (Y/N)

N

6

Any modifications to a licensee's method of providing decommissioning funding assurance? (Y/N)

Y¹

7

Any material changes to trust agreements? (Y/N)

N

If a change has occurred, the reviewer will document on this sheet that a change has occurred and identify the reviewer who will evaluate the change: (see below)

¹ CENG has decided to start using a site-specific cost estimate

Plant name:

Nine Mile Point Nuclear Station, Unit 1

Docket Number:

50-220

Date of Operation:

Month:12

Day:31

Year:2010

Termination of Operations:

8

22

2029

BWR/PWR	MWth	1986\$	ECI	Base Lx		Lx	Px	Latest Month Px	Base Px	Fx	Latest Month Fx	Base Fx		Ex		Bx
BWR	1850	\$120,650,000	113.6	2.16	0.65	2.45	1.676	191.4	114.2	3.049	250.0	82.0	0.13	2.307	0.22	12.54

NRC Minimum:

\$561,470,928

Site Specific:

\$766,578,000

Licensee:	% Owned:	Category	Amount of NRC Minimum/Site Specific:	Amount in Trust Fund:
Constellation Energy Nuclear Group	100.00%	2	\$766,578,000	\$375,329,000
			Total Fund Balance:	\$375,329,000

Step 1:
Earnings Credit:

Trust Fund Balance:	Real Rate of Return per year	Years Left in License	Total Earnings:	Does Licensee Pass:
\$375,329,000	2%	18.64	\$542,920,952	NO

Step 2:
Accumulation:

Value of Annuity per year (amount/See Annuity Sheet)	Real Rate of Return per year	Number of Annual Payments:	Total Annuity:
	2%		\$0

Total Annuity	Real Rate of Return per year	Years remaining after annuity	Total Step 2:
\$0	2%	18.64	\$0

Total Step 1 + Step 2	Does Licensee Pass:
\$542,920,952	NO

Step 3:
Decom Period:

Total Earnings:	Real Rate of Return per year	Decom Period:	Total Earnings for Decom:
\$542,920,952	2%	7	\$40,362,282

Total of Steps 1 thru 3:	Does Licensee Pass:	Shortfall:
\$583,283,235	NO	(\$183,294,765)

Plant name:

Nine Mile Point Nuclear Station, Unit 1

Docket Number:

50-220

Date of Operation:

Month:12Day:31Year:2010

Termination of Operations:

8222029

If licensee is granted greater than 2% RRR

Step 4:
Earnings Credit:

Trust Fund Balance:	Real Rate of Return per year	Years Left in License	Total Earnings:	Does Licensee Pass:
\$375,329,000	2.00%	18.64	\$542,920,952	NO

Step 5:
Accumulation:

Value of Annuity per year	Real Rate of Return per year	Number of Annual Payments:	Total Annuity:
\$0	2.00%	0	\$0

Total Annuity	Real Rate of Return per year	Years remaining after annuity	Total Step 5
\$0	2.00%	18.64	\$0

Total Step 4 + Step 5	Does Licensee Pass:
\$542,920,952	NO

Step 6:
Decom Period:

Total Earnings:	Real Rate of Return per year	Decom Period:	Total Earnings for Decom:
\$542,920,952	2.00%	7	\$40,362,282

Total of Steps 4 thru 6:	Does Licensee Pass:	Shortfall:
\$583,283,235	NO	(\$183,294,765)

SAFSTOR ANALYSIS

Name of Unit: Nine Mile Point Nuclear Station, Unit 1
Name of Licensee: Constellation Energy Nuclear Group
Date of Termination of Operations 8 22 2029
End of Operations Balance: \$542,920,952
Operating Life Real Rate of Return: 2.00%
Decommissioning Real Rate of Return: 2.00%

Year	Beginning Trust Fund Balance	Contributions	Expense Per Year		Real Rate of Return	End of Year Trust Fund Balance
			Plant	Spent Fuel		
2028	\$488,235,181		\$6,376,000	N/A	2.00%	\$491,560,125
2029	\$491,560,125		\$54,064,000	N/A	2.00%	\$446,786,687
2030	\$446,786,687		\$34,112,000	N/A	2.00%	\$421,269,301
2031	\$421,269,301		\$3,863,000	N/A	2.00%	\$425,793,057
2032	\$425,793,057		\$3,863,000	N/A	2.00%	\$430,407,288
2033	\$430,407,288		\$3,863,000	N/A	2.00%	\$435,113,804
2034	\$435,113,804		\$18,899,000	N/A	2.00%	\$424,728,090
2035	\$424,728,090		\$14,981,000	N/A	2.00%	\$418,091,842
2036	\$418,091,842		\$1,939,000	N/A	2.00%	\$424,495,288
2037	\$424,495,288		\$1,939,000	N/A	2.00%	\$431,026,804
2038	\$431,026,804		\$1,939,000	N/A	2.00%	\$437,688,950
2039	\$437,688,950		\$1,939,000	N/A	2.00%	\$444,484,339
2040	\$444,484,339		\$1,939,000	N/A	2.00%	\$451,415,636
2041	\$451,415,636		\$1,939,000	N/A	2.00%	\$458,485,559
2042	\$458,485,559		\$1,939,000	N/A	2.00%	\$465,696,880
2043	\$465,696,880		\$1,939,000	N/A	2.00%	\$473,052,428
2044	\$473,052,428		\$1,939,000	N/A	2.00%	\$480,555,086
2045	\$480,555,086		\$1,942,000	N/A	2.00%	\$488,204,768
2046	\$488,204,768		\$1,949,000	N/A	2.00%	\$496,000,373
2047	\$496,000,373		\$1,983,000	N/A	2.00%	\$503,917,551
2048	\$503,917,551		\$1,937,000	N/A	2.00%	\$512,039,532
2049	\$512,039,532		\$2,793,000	N/A	2.00%	\$519,459,392
2050	\$519,459,392		\$1,937,000	N/A	2.00%	\$527,892,210
2051	\$527,892,210		\$1,937,000	N/A	2.00%	\$536,493,684
2052	\$536,493,684		\$1,980,000	N/A	2.00%	\$545,223,758
2053	\$545,223,758		\$1,949,000	N/A	2.00%	\$554,159,743

Signature: JoAnn Simpson and Michael Purdie
 Date: 06/30/2011
 Signature: Aaron L. Szabo
 Date: 7/13/2011

2054	\$554,159,743		\$1,949,000	N/A	2.00%	\$563,274,448
2055	\$563,274,448		\$1,949,000	N/A	2.00%	\$572,571,447
2056	\$572,571,447		\$1,949,000	N/A	2.00%	\$582,054,386
2057	\$582,054,386		\$1,949,000	N/A	2.00%	\$591,726,984
2058	\$591,726,984		\$1,949,000	N/A	2.00%	\$601,593,033
2059	\$601,593,033		\$1,949,000	N/A	2.00%	\$611,656,404
2060	\$611,656,404		\$1,949,000	N/A	2.00%	\$621,921,042
2061	\$621,921,042		\$1,949,000	N/A	2.00%	\$632,390,973
2062	\$632,390,973		\$1,949,000	N/A	2.00%	\$643,070,302
2063	\$643,070,302		\$1,949,000	N/A	2.00%	\$653,963,219
2064	\$653,963,219		\$1,949,000	N/A	2.00%	\$665,073,993
2065	\$665,073,993		\$1,949,000	N/A	2.00%	\$676,406,983
2066	\$676,406,983		\$1,949,000	N/A	2.00%	\$687,966,632
2067	\$687,966,632		\$1,953,000	N/A	2.00%	\$699,753,435
2068	\$699,753,435		\$1,948,000	N/A	2.00%	\$711,781,024
2069	\$711,781,024		\$2,804,000	N/A	2.00%	\$723,184,604
2070	\$723,184,604		\$1,948,000	N/A	2.00%	\$735,680,816
2071	\$735,680,816		\$2,018,000	N/A	2.00%	\$748,356,253
2072	\$748,356,253		\$2,343,000	N/A	2.00%	\$760,956,948
2073	\$760,956,948		\$21,096,000	N/A	2.00%	\$754,869,127
2074	\$754,869,127		\$78,405,000	N/A	2.00%	\$690,777,459
2075	\$690,777,459		\$255,117,000	N/A	2.00%	\$446,924,838
2076	\$446,924,838		\$150,315,000	N/A	2.00%	\$304,045,185
2077	\$304,045,185		\$47,427,000	N/A	2.00%	\$260,226,656

Signature: JoAnn Simpson and Michael Purdie
Date: 06/30/2011
Signature: Aaron L. Szabo
Date: 7/13/2011