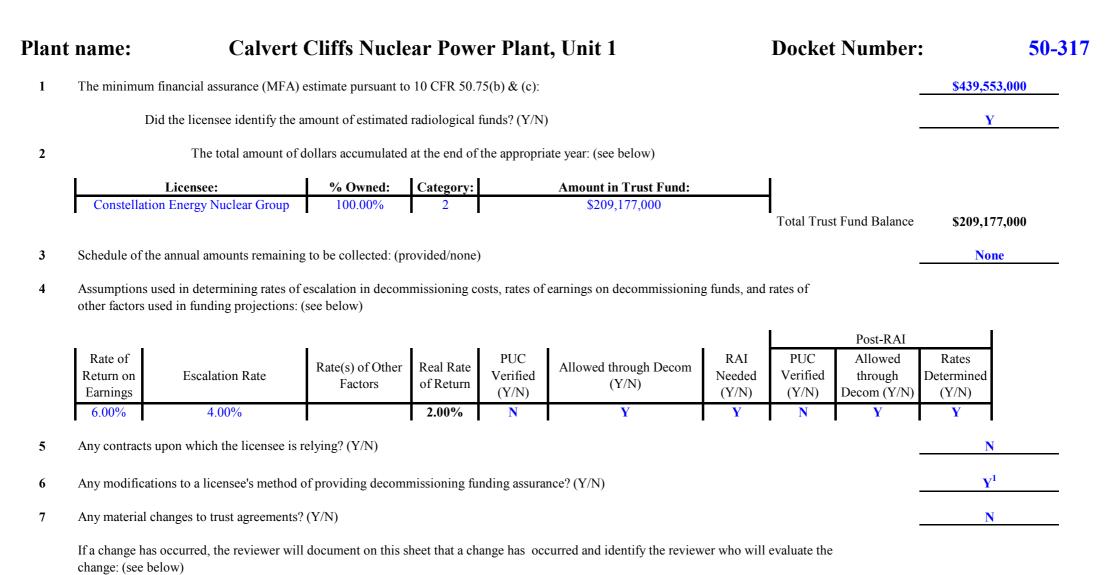
Datasheet 1



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

Signature: Michael Purdie and JoAnn Simpson Date: 06/29/2011 Signature: Aaron L. Szabo Date: 7/11/2011

Spreadsheet created by: Aaron Szabo, Shawn Harwell Formulas verified by: Clayton Pittiglio Datasheet 2

Plant name: Calver		Calvert	rt Cliffs Nuclear Power Plant, Ur			nit 1	t 1 Docket Number:				50-317					
				Month:	Ι	Day	Y	ear:								
Date of Operation:				12		31	2	010								
Termination of Operations:				7		31	2	034								
ICI		ations.		1		51	-	004								
BWR/PWR	<u>MWth</u>	<u>1986\$</u>	ECI	Base Lx		<u>Lx</u>	Px	Latest Month Px	Base Px	Fx	Latest Month Fx	Base Fx		<u>Ex</u>		<u>Bx</u>
PWR	2737	\$99,085,600	112.8	1.98	0.65	2.23	1.676	191.4	114.2	3.049	250.0	82.0	0.13	2.253	0.22	12.28
	\$440,551,456			Site Specific:			9	602,303,)00							
	Licensee:	% Owned:	Category	Amount of	f NRC Min Specific:	nimum/Site	Amount in	1 Trust Fund:								
Constellation	n Energy Nuclear Group	100.00%	2	\$	602,303,00			,177,000								
	Step 1:				Total Fu	ind Balance:	\$209	,177,000								
Ear	nings Credit:															
<u>_</u>	-	Real Rate of Return	Years Left													
	t Fund Balance:	per year	in License	Total Ear			ensee Pass:	4								
\$2	209,177,000	2%	23.58	\$333,683	3,435	N	0	I								
	Step 2:															
Ac	cumulation:															
Value of Annu	uity per year (amount/See	Real Rate of Return	Number	of Annual												
	nnuity Sheet)	per year		nents:		Annuity:	1									
		2%				\$0										
		Real Rate of Return	Voora rom	aining after			1									
Т	otal Annuity	per year		uity	Tota	l Step 2:										
	\$0	2%		.58		\$0	1									
				ŀ		ep 1 + Step 2 ,683,435		censee Pass:								
				I	\$333	,005,755	1		I							
	Step 3:															
De	ecom Period:	1		i		I										
То	otal Earnings:	Real Rate of Return		Total Earni												
	333,683,435	per year 2%	Period: 7	Decor \$24,806												
•	,		• ' '	¢21,000	,- , _	I	_		_		_					
				Ļ		Steps 1 thru 3:		censee Pass:	Shortf							
				I	\$358	,490,407	I	NO	(\$243,81	2,593)	I					

Plant name:	Calvert (Cliffs Nu	clear Po	wer Plan	t, Unit 1	1 Docke	t Number:
		Ν	Ionth:	Day		Year:	
Date of Opera	ition:		12	31		2010	
Termination of O	perations:		7	31		2034	
If licensee is granted	greater than 2% RRR						
Step 4:							
Earnings Credit:		V T A					
Trust Fund Balance:	Real Rate of Return per year	in License	Total Earnin	gs: Do	es Licensee I	Pass:	
\$209,177,000	2.00%	23.58	\$333,683,4	-	NO		
Step 5:							
Accumulation:							
	Real Rate of Return	Number of	Annual				
Value of Annuity per year	per year	Paymer		Total Annuit	y:		
\$0	2.00%	0	I	\$0	I		
	Real Rate of Return	Years remain	ing after				
Total Annuity	per year	annuit	-	Total Step	5		
\$0	2.00%	23.58	3	\$0			
			Γ	otal Step 4 + S	tep 5 D	Ooes Licensee Pass:	I
				\$333,683,43	<u>^</u>	NO	1
Step 6:							
Decom Period:							
	Real Rate of Return		Total Earning	s for			
Total Earnings:	per year	Period:	Decom:				
\$333,683,435	2.00%	7	\$24,806,97	2			
			Т	otal of Steps 4	thru 6: D	Ooes Licensee Pass:	Shortfall:
				\$358,490,40	7	NO	(\$243,812,593)

Spreadsheet created by: Aaron Szabo, Shawn Harwell Formulas verified by: Clayton Pittiglio

SAFSTOR ANALYSIS

Name of Unit:Calvert Cliffs Nuclear Power Plant, Unit 1Name of Licensee:Constellation Energy Nuclear GroupOperations Termination Date:7312034End of Operations Balance:\$333,683,435Real Rate of Return:2.00%

V	Beginning Trust	Expense P	er Year	Real Rate of	End of Year Trust Fund Balance		
Year	Fund Balance	Plant	Spent Fuel	Return			
2034	\$333,683,435	\$5,413,000	N/A	2.00%	\$334,889,974		
2035	\$334,889,974	\$7,680,000	N/A	2.00%	\$333,830,973		
2036	\$333,830,973	\$27,216,000	N/A	2.00%	\$313,019,433		
2037	\$313,019,433	\$40,935,000	N/A	2.00%	\$277,935,471		
2038	\$277,935,471	\$3,616,000	N/A	2.00%	\$279,842,021		
2039	\$279,842,021	\$3,616,000	N/A	2.00%	\$281,786,701		
2040	\$281,786,701	\$3,616,000	N/A	2.00%	\$283,770,275		
2041	\$283,770,275	\$9,248,000	N/A	2.00%	\$280,105,201		
2042	\$280,105,201	\$11,053,000	N/A	2.00%	\$274,543,775		
2043	\$274,543,775	\$2,570,000	N/A	2.00%	\$277,438,950		
2044	\$277,438,950	\$2,570,000	N/A	2.00%	\$280,392,029		
2045	\$280,392,029	\$2,570,000	N/A	2.00%	\$283,404,170		
2046	\$283,404,170	\$2,570,000	N/A	2.00%	\$286,476,553		
2047	\$286,476,553	\$2,570,000	N/A	2.00%	\$289,610,384		
2048	\$289,610,384	\$2,570,000	N/A	2.00%	\$292,806,892		
2049	\$292,806,892	\$2,570,000	N/A	2.00%	\$296,067,330		
2050	\$296,067,330	\$2,570,000	N/A	2.00%	\$299,392,976		
2051	\$299,392,976	\$2,570,000	N/A	2.00%	\$302,785,136		
2052	\$302,785,136	\$2,570,000	N/A	2.00%	\$306,245,139		
2053	\$306,245,139	\$2,570,000	N/A	2.00%	\$309,774,341		
2054	\$309,774,341	\$2,570,000	N/A	2.00%	\$313,374,128		
2055	\$313,374,128	\$2,570,000	N/A	2.00%	\$317,045,911		
2056	\$317,045,911	\$3,061,000	N/A	2.00%	\$320,295,219		
2057	\$320,295,219	\$2,570,000	N/A	2.00%	\$324,105,423		
2058	\$324,105,423	\$2,570,000	N/A	2.00%	\$327,991,832		
2059	\$327,991,832	\$2,570,000	N/A	2.00%	\$331,955,968		

Signature: Michael Purdie and JoAnn Simpson Date: 06/29/2011 Signature: Aaron L. Szabo Date: 7/11/2011

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2060	\$331,955,968	\$2,570,000	N/A	2.00%	\$335,999,388
2061	\$335,999,388	\$2,570,000	N/A	2.00%	\$340,123,676
2062	\$340,123,676	\$2,570,000	N/A	2.00%	\$344,330,449
2063	\$344,330,449	\$2,570,000	N/A	2.00%	\$348,621,358
2064	\$348,621,358	\$2,570,000	N/A	2.00%	\$352,998,085
2065	\$352,998,085	\$2,904,000	N/A	2.00%	\$357,125,007
2066	\$357,125,007	\$2,990,000	N/A	2.00%	\$361,247,607
2067	\$361,247,607	\$2,990,000	N/A	2.00%	\$365,452,659
2068	\$365,452,659	\$2,990,000	N/A	2.00%	\$369,741,812
2069	\$369,741,812	\$2,990,000	N/A	2.00%	\$374,116,749
2070	\$374,116,749	\$2,990,000	N/A	2.00%	\$378,579,184
2071	\$378,579,184	\$2,990,000	N/A	2.00%	\$383,130,867
2072	\$383,130,867	\$2,990,000	N/A	2.00%	\$387,773,585
2073	\$387,773,585	\$2,990,000	N/A	2.00%	\$392,509,156
2074	\$392,509,156	\$2,990,000	N/A	2.00%	\$397,339,439
2075	\$397,339,439	\$2,990,000	N/A	2.00%	\$402,266,328
2076	\$402,266,328	\$3,481,000	N/A	2.00%	\$406,795,845
2077	\$406,795,845	\$6,429,000	N/A	2.00%	\$408,438,472
2078	\$408,438,472	\$19,038,000	N/A	2.00%	\$397,378,861
2079	\$397,378,861	\$85,437,000	N/A	2.00%	\$319,035,068
2080	\$319,035,068	\$120,232,000	N/A	2.00%	\$203,981,450
2081	\$203,981,450	\$74,913,000	N/A	2.00%	\$132,398,949
2082	\$132,398,949	\$51,620,000	N/A	2.00%	\$82,910,728
2083	\$82,910,728	\$38,836,000	N/A	2.00%	\$45,344,582
2084	\$45,344,582	\$87,000	N/A	2.00%	\$45,831,043