

Plant name:

Perry Nuclear Power Plant

Docket Number:

50-440

Date of Operation:

Month: 12

Day: 31

Year: 2010

Termination of Operations:

3

18

2026

BWR/PWR	MWth	1986\$	ECI	Base Lx		Lx	Px	Latest Month Px	Base Px	Fx	Latest Month Fx	Base Fx		Ex		Bx
BWR	3758	\$135,000,000	111.3	2.08	0.65	2.32	1.676	191.4	114.2	3.049	250.0	82.0	0.13	2.307	0.22	12.54

NRC Minimum:

\$616,079,083

Site Specific:

Licensee:	% Owned:	Category	Amount of NRC Minimum/Site Specific:	Amount in Trust Fund:
Ohio Edison Company	12.58%	2	\$77,502,749	\$59,476,295
FENGenCo	87.42%	2	\$538,576,335	\$351,552,756
Total Fund Balance:			\$411,029,051	

Step 1:
Earnings Credit:

Trust Fund Balance:	Real Rate of Return per year	Years Left in License	Total Earnings:	Does Licensee Pass:
\$411,029,051	2%	15.21	\$555,544,472	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%	15.21	\$0

Total Step 1 + Step 2	Does Licensee Pass:
\$555,544,472	NO

Step 3:
Decom Period:

Total Earnings:	Real Rate of Return per year	Decom Period:	Total Earnings for Decom:
\$555,544,472	2%	7	\$41,300,750

Parent Company Guarantee ¹	Total of Steps 1 thru 3:	Does Licensee Pass:	Shortfall:
\$27,500,000	\$624,345,222	YES	NO

Signature: Kosmas Lois
Date: 7/6/2011
Secondary Signature: Jo Ann Simpson
Date: 07/13/2011

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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:
\$411,029,051	2.00%	15.21	\$555,544,472	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%	15.21	\$0	
			Total Step 4 + Step 5	Does Licensee Pass:
			\$555,544,472	NO
Step 6:				
Decom Period:				
Total Earnings:	Real Rate of Return per year	Decom Period:	Total Earnings for Decom:	
\$555,544,472	2.00%	7	\$41,300,750	
		Parent Company Guarantee ¹	Total of Steps 4 thru 6:	Does Licensee Pass:
		\$27,500,000	\$624,345,222	YES
				Shortfall:
				NO

¹ FENOC has obtained a \$95 Million Parental Guaranty (PCG). The FENGenCO share of the BVPS-1 nuclear decommissioning trust has a shortfall of approximately 66 million dollars and the FENGenCo share of the Perry Nuclear Power Plant has a shortfall of approximately \$26 million dollars. The NRC staff decided to account for the guaranty such that \$67.5 Million is for Beaver Valley and \$27.5 Million is for Perry. NRC staff took the NRC minimum value required for decommissioning and subtracted it from the \$95 million of the new PCG. The figure (\$3 Million) was divided in half and added to Beaver Valley and Perry PCG's accordingly. This is how the \$67.5 million and \$27.5 million was derived.

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