

**Plant name: Cook (Donald C.) Nuclear Power Plant, Unit 1**

**Docket Number: 50-315**

1 The minimum financial assurance (MFA) estimate pursuant to 10 CFR 50.75(b) & (c): \$468,394,872  
 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:
Indian Michigan Power Co	100.00%	1	\$399,384,123

Total Trust Fund Balance **\$399,384,123**

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

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)
			2.00%	N	Y	Y	N	Y	N

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) N

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)

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**Date of Operation:** Month: 12 Day: 31 Year: 2010  
**Termination of Operations:** Month: 10 Day: 25 Year: 2034

BWR/PWR	MWth	1986\$	ECI	Base Lx		Lx	Px	Latest Month Px	Base Px	Fx	Latest Month Fx	Base Fx		Ex		Bx
PWR	3304	\$104,075,200	111.3	2.08	0.65	2.32	1.676	191.4	114.2	3.049	250.0	82.0	0.13	2.253	0.22	12.28

**NRC Minimum:** \$468,256,216 **Site Specific:**

Licensee:	% Owned:	Category	Amount of NRC Minimum/Site Specific:	Amount in Trust Fund:
Indian Michigan Power Co	100.00%	1	\$468,256,216	\$399,384,123
			Total Fund Balance:	\$399,384,123

**Step 1:  
Earnings Credit:**

Trust Fund Balance:	Real Rate of Return per year	Years Left in License	Total Earnings:	Does Licensee Pass:
\$399,384,123	2%	23.82	\$640,059,258	YES

**Step 2:  
Accumulation:**

Value of Annuity per year (amount/See Annuity Sheet)	Real Rate of Return per year	Number of Annual Payments:	Total Annuity:
See Annuity Sheet	See Annuity Sheet		See Total Step 2
Total Annuity	Real Rate of Return per year	Years remaining after annuity	Total Step 2:
See Total Step 2	See Annuity Sheet	N/A	\$136,574,247
			Total Step 1 + Step 2
			\$776,633,505
			Does Licensee Pass:
			YES

**Step 3:  
Decom Period:**

Total Earnings:	Real Rate of Return per year	Decom Period:	Total Earnings for Decom:
\$776,633,505	2%	7	\$57,737,136

Total of Steps 1 thru 3:	Does Licensee Pass:	Shortfall:
\$834,370,641	YES	NO

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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:
\$399,384,123	2.00%	23.82	\$640,059,258	YES

**Step 5:**

**Accumulation:**

Value of Annuity per year	Real Rate of Return per year	Number of Annual Payments:	Total Annuity:
See Annuity Sheet	See Annuity Sheet	0	See Total Step 4

Total Annuity	Real Rate of Return per year	Years remaining after annuity	Total Step 5
See Total Step 4	See Annuity Sheet	N/A	\$136,574,247

Total Step 4 + Step 5	Does Licensee Pass:
\$776,633,505	YES

**Step 6:**

**Decom Period:**

Total Earnings:	Real Rate of Return per year	Decom Period:	Total Earnings for Decom:
\$776,633,505	2.00%	7	\$57,737,136

Total of Steps 4 thru 6:	Does Licensee Pass:	Shortfall:
\$834,370,641	YES	NO

**ANNUITY**

**Termination of Operations:**            10            25            2034

<b>Year</b>	<b>Annuity:</b>	<b>Real Rate of Return:</b>	<b>Total Accumulation</b>
2011	\$4,441,500	2%	\$7,118,243
2012	\$4,441,500	2%	\$6,978,669
2013	\$4,441,500	2%	\$6,841,833
2014	\$4,441,500	2%	\$6,707,679
2015	\$4,441,500	2%	\$6,576,156
2016	\$4,441,500	2%	\$6,447,212
2017	\$4,441,500	2%	\$6,320,796
2018	\$4,441,500	2%	\$6,196,859
2019	\$4,441,500	2%	\$6,075,352
2020	\$4,441,500	2%	\$5,956,227
2021	\$4,441,500	2%	\$5,839,438
2022	\$4,441,500	2%	\$5,724,940
2023	\$4,441,500	2%	\$5,612,686
2024	\$4,441,500	2%	\$5,502,633
2025	\$4,441,500	2%	\$5,394,738
2026	\$4,441,500	2%	\$5,288,959
2027	\$4,441,500	2%	\$5,185,254
2028	\$4,441,500	2%	\$5,083,583
2029	\$4,441,500	2%	\$4,983,904
2030	\$4,441,500	2%	\$4,886,181
2031	\$4,441,500	2%	\$4,790,373
2032	\$4,441,500	2%	\$4,696,444
2033	\$4,441,500	2%	\$4,604,357
2034	\$3,701,250	2%	\$3,761,730

**Total:    \$136,574,247**

Signature: Kosmas Lois  
 Date: 6-14-2011  
 Signature: Jo Ann Simpson  
 Date: 06/15/2011

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

**ANNUITY**

**Termination of Operations:**                    10                    25                    2034

If licensee is granted greater than 2% RRR

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