

Plant name: **Fitzpatrick (James A.) Nuclear Power Plant**

Docket Number: **50-333**

- 1

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

\$590,390,000
- 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:
Entergy Nuclear Operations, Inc.	100.00%	2	\$538,310,000

Total Trust Fund Balance **\$538,310,000**

- 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)
			2.00%	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)

Plant name: Fitzpatrick (James A.) Nuclear Power Plant Docket Number: 50-333

Date of Operation: Month: Day Year:
 12 31 2010

Termination of Operations: 10 17 2034

BWR/PWR	MWth	1986\$	ECI	Base Lx		Lx	Px	Latest Month Px	Base Px	Fx	Latest Month Fx	Base Fx		Ex		Bx
BWR	2536	\$126,824,000	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: \$590,202,975 Site Specific:

Licensee:	% Owned:	Category	Amount of NRC Minimum/Site Specific:	Amount in Trust Fund:
Entergy Nuclear Operations, Inc.	100.00%	2	\$590,202,975	\$538,310,000
Total Fund Balance:			\$538,310,000	

Step 1:
Earnings Credit:

Trust Fund Balance:	Real Rate of Return per year	Years Left in License	Total Earnings:	Does Licensee Pass:
\$538,310,000	2%	23.79	\$862,329,688	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:
	2%		\$0

Total Annuity	Real Rate of Return per year	Years remaining after annuity	Total Step 2:
\$0	2%	23.79	\$0

Total Step 1 + Step 2	Does Licensee Pass:
\$862,329,688	YES

Step 3:
Decom Period:

Total Earnings:	Real Rate of Return per year	Decom Period:	Total Earnings for Decom:
\$862,329,688	2%	7	\$64,108,033

Total of Steps 1 thru 3:	Does Licensee Pass:	Shortfall:
\$926,437,721	YES	NO

Plant name:

Fitzpatrick (James A.) Nuclear Power Plant

Docket Number:

50-333

Date of Operation:

Month:12Day:31Year:2010

Termination of Operations:

10172034

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:
\$538,310,000	2.00%	23.79	\$862,329,688	YES
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%	23.79	\$0	
			Total Step 4 + Step 5	Does Licensee Pass:
			\$862,329,688	YES
Step 6: Decom Period:				
Total Earnings:	Real Rate of Return per year	Decom Period:	Total Earnings for Decom:	
\$862,329,688	2.00%	7	\$64,108,033	
			Total of Steps 4 thru 6:	Does Licensee Pass:
			\$926,437,721	YES
				Shortfall:
				NO