

**Plant name: Comanche Peak Steam Electric Station, Unit 2**

**Docket Number: 50-446**

1 The minimum financial assurance (MFA) estimate pursuant to 10 CFR 50.75(b) & (c): \$467,000,000

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:
Luminant Gen Co	100.00%	1	\$276,625,837

Total Trust Fund Balance \$276,625,837

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)
variable <sup>1</sup>	2.50%		variable <sup>1</sup>	N	N	Y	Y	N	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) 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)

<sup>1</sup> Rates provided are variable because the rates are not consistent throughout the licensee(s) and/or years of operation/decommission

**Plant name:** Comanche Peak Steam Electric Station, Unit 2 **Docket Number:** 50-446

**Date of Operation:** Month: 12 Day: 31 Year: 2010  
**Termination of Operations:** 2 2 2033

BWR/PWR	MWth	1986\$	ECI	Base Lx		Lx	Px	Latest Month Px	Base Px	Fx	Latest Month Fx	Base Fx		Ex		Bx
PWR	3458	\$105,000,000	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

**NRC Minimum:** \$466,847,886 **Site Specific:**

Licensee:	% Owned:	Category	Amount of NRC Minimum/Site Specific:	Amount in Trust Fund:
Luminant Gen Co	100.00%	1	\$466,847,886	\$276,625,837
			Total Fund Balance:	\$276,625,837

**Step 1:**  
**Earnings Credit:**

Trust Fund Balance:	Real Rate of Return per year	Years Left in License	Total Earnings:	Does Licensee Pass:
\$276,625,837	2%	22.09	\$428,397,157	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:
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	\$204,828,152

Total Step 1 + Step 2	Does Licensee Pass:
\$633,225,309	YES

**Step 3:**  
**Decom Period:**

Total Earnings:	Real Rate of Return per year	Decom Period:	Total Earnings for Decom:
\$633,225,309	2%	7	\$47,075,764

Total of Steps 1 thru 3:	Does Licensee Pass:	Shortfall:
\$680,301,073	YES	NO

Signature: Shawn W. Harwell  
 Date: 6/14/11  
 Signature: Aaron L. Szabo  
 Date: 6/16/2011

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

**Plant name:** Comanche Peak Steam Electric Station, Unit 2 **Docket Number:** 50-446

**Date of Operation:** Month: 12 Day: 31 Year: 2010  
**Termination of Operations:** Month: 2 Day: 2 Year: 2033

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:
\$276,625,837	2.33%	18.00	\$418,425,148	NO
\$418,425,148	2.00%	4.09	\$453,699,735	

**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	\$213,071,063

Total Step 4 + Step 5	Does Licensee Pass:
\$666,770,798	YES

**Step 6:**

**Decom Period:**

Total Earnings:	Real Rate of Return per year	Decom Period:	Total Earnings for Decom:
\$666,770,798	2.00%	7	\$49,569,631

Total of Steps 4 thru 6:	Does Licensee Pass:	Shortfall:
\$716,340,429	YES	NO

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**ANNUITY**

**Termination of Operations:**                    2                    2                    2033

<b>Year</b>	<b>Annuity:</b>	<b>Real Rate of Return:</b>	<b>Total Accumulation</b>
2011	\$7,300,000	2%	\$11,305,517
2012	\$7,300,000	2%	\$11,083,841
2013	\$7,300,000	2%	\$10,866,510
2014	\$7,300,000	2%	\$10,653,442
2015	\$7,300,000	2%	\$10,444,551
2016	\$7,300,000	2%	\$10,239,755
2017	\$7,300,000	2%	\$10,038,976
2018	\$7,300,000	2%	\$9,842,133
2019	\$7,300,000	2%	\$9,649,150
2020	\$7,300,000	2%	\$9,459,951
2021	\$7,300,000	2%	\$9,274,462
2022	\$7,300,000	2%	\$9,092,610
2023	\$7,300,000	2%	\$8,914,323
2024	\$7,300,000	2%	\$8,739,533
2025	\$7,300,000	2%	\$8,568,169
2026	\$7,300,000	2%	\$8,400,166
2027	\$7,300,000	2%	\$8,235,457
2028	\$7,300,000	2%	\$8,073,977
2029	\$7,300,000	2%	\$7,915,664
2030	\$7,300,000	2%	\$7,760,455
2031	\$7,300,000	2%	\$7,608,289
2032	\$7,300,000	2%	\$7,459,107
2033	\$1,200,000	2%	\$1,202,112

**Total:    \$204,828,152**

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**ANNUITY**

**Termination of Operations:**                    2                    2                    2033

If licensee is granted greater than 2% RRR

<b>Year</b>	<b>Annuity:</b>	<b>Real Rate of Return:</b>	<b>Total Accumulation</b>
2011	\$7,300,000	2.33%	\$12,130,357
2012	\$7,300,000	2.33%	\$11,854,653
2013	\$7,300,000	2.33%	\$11,585,216
2014	\$7,300,000	2.33%	\$11,321,902
2015	\$7,300,000	2.33%	\$11,064,573
2016	\$7,300,000	2.33%	\$10,813,093
2017	\$7,300,000	2.33%	\$10,567,329
2018	\$7,300,000	2.33%	\$10,327,150
2019	\$7,300,000	2.33%	\$10,092,431
2020	\$7,300,000	2.33%	\$9,863,046
2021	\$7,300,000	2.33%	\$9,638,874
2022	\$7,300,000	2.33%	\$9,419,798
2023	\$7,300,000	2.33%	\$9,205,701
2024	\$7,300,000	2.33%	\$8,996,470
2025	\$7,300,000	2.33%	\$8,791,995
2026	\$7,300,000	2.33%	\$8,592,167
2027	\$7,300,000	2.33%	\$8,396,881
2028	\$7,300,000	2.33%	\$8,206,033
2029	\$7,300,000	2.33%	\$8,019,523
2030	\$7,300,000	2.33%	\$7,837,252
2031	\$7,300,000	2.33%	\$7,659,124
2032	\$7,300,000	2.33%	\$7,485,044
2033	\$1,200,000	2.33%	\$1,202,453

**Total:    \$213,071,063**

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