

Office Memorandum



TXU Business Services

Date: April 20, 2007

To: Donald R. Woodlan

From: John E. Thompson, Jr.

**Re: Supporting Workpapers for the
NRC Decommissioning Funding Requirement Report
for Financial Assurance of New Plants**

Attached are the Workpapers for the Decommissioning Funding Status Report for Comanche Peak Units 3 and 4, pursuant to the 10CFR50.75(f) Financial Assurance filing.

When projected to the license expiration date for each unit using the 2 percent annual real rate of return, the projected Nuclear Decommissioning Trust balance is equal to the escalated NRC minimum cost of decommissioning for Units 3 and 4 at the start-up date and will meet the NRC Financial Assurance test.

Method #1 - Level Funding

Unit # 3 Annual Funding requirement	\$ 9.1 million
Unit # 4 Annual Funding requirement	\$ 9.4 million

Method #2 - Pre-Funding

Unit # 3 Pre-Funding requirement	\$ 250.1 million
Unit # 4 Pre-Funding requirement	\$ 260.4 million

While this will meet the NRC Financial Assurance test, a full financial study should be used to determine the desired funding amounts needed to decommission the units.

**NRC Decommissioning Funding Requirement Report
for Financial Assurance of New Plants**

**TXU Generation Company LP
Comanche Peak Steam Electric Station (CPSES)**

WORKPAPERS

Method #1 - Level Funding

Method #2 - Pre-Funding



TXU Generation Company LP

By TXU Generation Management Company LLC

NRC Decommissioning Funding Requirement Report for Financial Assurance of New Plants - Method #1 - Level Funding

TXU Generation Company LP Comanche Peak Steam Electric Station (CPSES)

<u>Information is submitted to provide Financial Assurance</u>	<u>Unit # 3</u>	<u>Unit # 4</u>
1. The minimum amount of decommissioning funds estimated to be required pursuant to 10 CFR 50.75 (b) and (c).		
At for Financial Assurance of New Plants		
Using NRC 10 CFR 50.75(c) formulas	\$ 552.3 million	\$ 575.0 million
2. The amount accumulated at the end of the calendar year preceding the date of the report for items included in 10 CFR 50.75 (b) and (c).		
Market Value at January 1, 2016	\$ 0.0 million	
Market Value at January 1, 2017		\$ 0.0 million
3. A schedule of the annual amounts remaining to be collected for items in 10 CFR 50.75 (b) and (c).		
Year 2016	<u>Unit # 3</u>	<u>Unit # 4</u>
Years 2017 through 2055 (39 years)	\$ 9.1 million	\$ 367.6 million
Year 2056	\$ 353.1 million	\$ 9.4 million
Totals	<u>\$ 362.1 million</u>	<u>\$ 377.0 million</u>
4. The assumptions used regarding escalation in decommissioning costs, rates of earnings on decommissioning funds, and rates of other factors used in funding projections.		
Estimated Escalation rate for decommissioning costs	4.11%	4.11%
Estimated Earnings rates on decommissioning funds		
2016 through 2055	6.6%	6.6%
2056 through 2082	6.3%	6.3%
Rates of other factors used in funding projections	None	None
5. Any power sale contracts upon which licensee is relying to certifying financial assurance.	None	None
6. Modifications to licensee's method of providing financial assurance since previous report.	N/A	N/A
7. Material changes to trust agreement.	N/A	N/A

NOTE: Estimated Escalation and Earnings rates are based on the decommissioning cost study filed with the Public Utility Commission on June 17, 2005, and approved by the Commission's Policy Development Division on July 29, 2005.

NRC Decommissioning Funding Requirement Report for Financial Assurance of New Plants - Method #2 - Pre-Funding

TXU Generation Company LP Comanche Peak Steam Electric Station (CPSES)

<u>Information is submitted to provide Financial Assurance</u>	<u>Unit # 3</u>	<u>Unit # 4</u>
1. The minimum amount of decommissioning funds estimated to be required pursuant to 10 CFR 50.75 (b) and (c).		
At for Financial Assurance of New Plants		
Using NRC 10 CFR 50.75(c) formulas	\$ 552.3 million	\$ 575.0 million
2. The amount accumulated at the end of the calendar year preceding the date of the report for items included in 10 CFR 50.75 (b) and (c).		
Market Value at January 1, 2016	\$ 250.1 million	
Market Value at January 1, 2017		\$ 260.4 million
3. A schedule of the annual amounts remaining to be collected for items in 10 CFR 50.75 (b) and (c).		
Year 2016	<u>Unit # 3</u>	<u>Unit # 4</u>
Years 2017 through 2055 (39 years)		
Year 2056	<u>None</u>	<u>None</u>
4. The assumptions used regarding escalation in decommissioning costs, rates of earnings on decommissioning funds, and rates of other factors used in funding projections.		
Estimated Escalation rate for decommissioning costs	4.11%	4.11%
Estimated Earnings rates on decommissioning funds		
2016 through 2055	6.6%	6.6%
2056 through 2082	6.3%	6.3%
Rates of other factors used in funding projections	None	None
5. Any power sale contracts upon which licensee is relying to certifying financial assurance.	None	None
6. Modifications to licensee's method of providing financial assurance since previous report.	N/A	N/A
7. Material changes to trust agreement.	N/A	N/A

NOTE: Estimated Escalation and Earnings rates are based on the decommissioning cost study filed with the Public Utility Commission on June 17, 2005, and approved by the Commission's Policy Development Division on July 29, 2005.

NRC Decommissioning Funding Requirement Report for Financial Assurance of New Plants

TXU Generation Company LP - Comanche Peak Steam Electric Station (CPSES)

1. The minimum amount of decommissioning funds estimated to be required pursuant to 10 CFR 50.75 (b) and (c).

NRC Decommissioning Cost Using 10 CFR 50.75(c) Formulas					
Factor		Weight		Inflation Factor	Weighted
Labor	South	65%	x	2.0400	= 1.3260000
Energy	PWR	13%	x	2.1520	= 0.2797600
Waste	SC, Non-Atl	22%	x	8.6830	= 1.9102600
Composite Inflation Factor =					<u><u>3.5160200</u></u>
Note: Uses the NRC methodology in 10 CFR 50.75(c) to calculate an inflation factor to apply to a cost estimate.					

NRC Decommissioning Cost		Unit # 3	
January 1986 NRC Decommissioning Cost		105,000,000	Cost for a PRW plant over 3,400 MW
Composite Escalation Factor	X	<u>3.51602</u>	(The 1,700 MWe new units are equivalent to approximately 5,100 MW used here)
2006 Decommissioning Cost		<u><u>369,182,100</u></u>	
Based on a generic pressurized boiler reactor inflated to a 2006 cost using the NRC methodology (actual inflation factors through 12/2006)			

Escalate the Cost to License Date			
Update the NRC cost to		Unit # 3	Unit # 4
Decommissioning Cost (2006 \$'s)	\$	369,182,100	\$ 369,182,100
Annual inflation multiplier: 4.11%		149.60%	155.75%
2016 Decommissioning Cost	\$	<u>552,287,356</u>	
2017 Decommissioning Cost			<u><u>\$ 574,986,366</u></u>

Thompson, John

From: Seawright, Jimmy
Sent: Thursday, February 22, 2007 10:23 AM
To: Thompson, John
Cc: Hope, Timothy; Madden, Fred

John,

I spoke with the NRC (Mr Michael Duseniwskyj) to get the latest numbers from NUREG-1307, Revision 12 (which is not on the NRC website yet) for calculating our Decommissioning Cost. Using the 50.75 equation $[105(0.65 L + 0.13 E + 0.22 B)]$ and the values the NRC provided for L, E, and B, the decommissioning cost is:

L= 2.04

E= 2.15

B= 8.683 (vendor processing) or 23.030 (Direct Burial)

$$\begin{aligned}
 \text{Decommissioning Cost (Direct Burial)} - &= 105 [(0.65*2.04) + (0.13*2.152) + (0.22*23.030)] \\
 &= 105 [(1.326) + (.27976) + (5.0666)] \\
 &= 105 [6.67236] \\
 &= 700.5978 \text{ million}
 \end{aligned}$$

$$\begin{aligned}
 \text{Decommissioning Cost (Vendor use)} - &= 105 [(0.65*2.04) + (0.13*2.152) + (0.22*8.683)] \\
 &= 105 [(1.326) + (.27976) + (1.91026)] \\
 &= 105 [3.51602] \\
 &= 369.1821 \text{ million}
 \end{aligned}$$

**NRC Decommissioning Funding Requirement Report
for Financial Assurance of New Plants
TXU Generation Company LP - Comanche Peak Steam Electric Station (CPSES)**

2 A schedule of the annual amounts remaining to be collected for items in 10 CFR 50.75 (b) and (c).

Annual Contributions for Level Funding				
<u>Annual Amounts</u>	<u>Unit # 3</u>	<u>Unit # 4</u>	<u>Total</u>	
	\$ 9,053,000	\$ 9,425,078	\$ 18,478,079	
Year 2016	\$ 9,053,000		9,053,000	
Years 2017 through 2055 (39 years)	353,067,007	\$ 367,578,061	\$ 720,645,068	
Year 2056		9,425,078	9,425,078	
Totals	<u>\$ 362,120,007</u>	<u>\$ 377,003,139</u>	<u>\$ 739,123,146</u>	

3 Basis for two methods: Level Funding and Pre-Funding.

Thompson, John

From: Woodlan, Don
Sent: Monday, April 16, 2007 1:49 PM
To: Thompson, John
Cc: Seawright, Jimmy; Bird, Bobby; Blaikie, Trudy Kay; Buschbaum, Denny; Carver, Ronald; Evans, Todd; Gilder, Tim; Jackson, Harold Chuck; Kesterson, Terry; Lucas, Mitch; Reible, Robert; Simmons, Jeff; Turner, Bruce; Walling, Dale; Weeks, Matthew; Duke Wheeler
Subject: 2007-04-16 Decommissioning Funding Report for CPSES 3&4

John,

Here are some basic inputs for the funding report. The information is subject to change but should be adequate for the calculations for our license application:

Type of reactor: US-APWR by Mitsubishi, 1700MWe, PWR, light water reactor
 Two units (CPSES Unit 3 and CPSES Unit 4)
 Estimated on line: Unit 3 – 2016 and Unit 4 – 2017

The individual I talked to at the NRC is Michael Dusaniwskyj (301-415-1260). He mentioned using NUREG-1307 Rev. 12 for the factors to adjust from 1986 to 2006. I like you idea of presenting two options.

The applicable regulations seem to be 10 CFR 50.75(b) and 10 CFR 50.33 (k) – you probably already knew that but I thought I would add the info just in case. As I understand the requirements, the primary thing is that we certify that financial assurance for radiological decommissioning will be provided. The amount will be based on 10 CFR 50.75(c)(1).

If you have any questions, give me a call or send me an email.

Thanks,

Don

Donald R. Woodlan
dwoodla1@txu.com
 office 254-897-6887, fax 254-897-6890
 cell 214-542-7761, home 972-223-1816

NRC Decommissioning Funding Requirement Report for Financial Assurance of New Plants

TXU Generation Company LP - Comanche Peak Steam Electric Station (CPSES)

4. The assumptions used regarding escalation in decommissioning costs, rates of earnings on decommissioning funds, and rates of other factors used in funding projections.

ASSUMPTIONS USED					
PROJECTED ANNUAL NET INVESTMENT RETURN					
Investment Type (A)	Return on Investment (B)	Allocation Factor (C)	Weighted Pre-Tax Return (D) = (B x C)	Federal Income Tax Rate (E)	Weighted After-Tax Return (F) = (D) x (1-E)
2016 through 2055					
Cash	3.95%	1%	0.04%	20%	0.03%
Fixed Income	6.51%	39%	2.54%	20%	2.03%
Equities	9.75%	60%	5.85%	20%	4.68%
Subtotal		100%	8.43%		6.74%
(less) Fees and Administrative Costs			0.230%	20%	0.18%
Net Investment Return - 2016 through 2055			8.20%		6.60%
2056 through 2082					
Cash	3.95%	15%	0.59%	20%	0.47%
Fixed Income	6.51%	25%	1.63%	20%	1.30%
Equities	9.75%	60%	5.85%	20%	4.68%
Subtotal		100%	8.07%		6.46%
(less) Fees and Administrative Costs			0.230%	20%	0.18%
Net Investment Return - 2056 through 2082			7.84%		6.30%
Not used					
Cash	3.95%	10%	0.40%	20%	0.32%
Fixed Income	6.51%	60%	3.91%	20%	3.13%
Equities	9.75%	30%	2.93%	20%	2.34%
Subtotal		100%	7.23%		5.78%
(less) Fees and Administrative Costs			0.230%	20%	0.18%
Net Investment Return - Not used			7.00%		5.60%
Not used					
Cash	3.95%	40%	1.58%	20%	1.26%
Fixed Income	6.51%	60%	3.91%	20%	3.13%
Equities	9.75%	0%	0.00%	20%	0.00%
Subtotal		100%	5.49%		4.39%
(less) Fees and Administrative Costs			0.230%	20%	0.18%
Net Investment Return - Not used			5.26%		4.20%
Notes					
1) Annual Returns are <u>net</u> of Federal Income Taxes, Fees, and Administration Costs.					
2) The PUC of Texas rules set the maximum equity allocation at 60% until the weighted average life of the fund reaches five years, when the equity must be reduced to 30%.					

NRC Decommissioning Funding Requirement Report for Financial Assurance of New Plants - Method #1 - Level Funding

TXU Generation Company LP - Comanche Peak Steam Electric Station (CPSES)

Financial Assurance Results at 12/31/06

10/15/03: Talked with Michael Duseniwskyj at 301.415.1260 at the NRC to clarify issues with our 3/31/03 Financial Assurance filing.

We used a Real Return (Asset Return - Escalation Rate) of 2% as provided for in 10CFR50.75(e)(ii).

He suggested that the NRC was interested in a simple comparison of:

A The minimum amount of decommissioning funds estimated to be required.

Compared to:

B The sum of the following:

1. The assets accumulated at the end of the previous calendar year.
2. Amounts remaining to be collected.
3. Amount of Real Return over the collection period.

Results:

	<u>Total</u>	<u>Unit #3</u>	<u>Unit #4</u>
A NRC	1,127,273,722	552,287,356	574,986,366
Assets	0	0	0
Collections	739,123,146	362,120,007	377,003,139
Real Return	388,150,576	190,167,349	197,983,227
B Total	<u><u>1,127,273,722</u></u>	<u><u>552,287,356</u></u>	<u><u>574,986,366</u></u>

NRC Result	Funded: 100.0%	Funded: 100.0%	Funded: 100.0%
Based on NRC Cost	Passed	Passed	Passed

NRC Decommissioning Funding Requirement Report
for Financial Assurance of New Plants - Method #1 - Level Funding
TXU Generation Company LP - Comanche Peak Steam Electric Station (CPSES)

CPSES: Unit 3 NDT

Year	Contribution	Real Return		Balance
		Rate	Return/Earnings	
2015				0.00
1 2016	9,053,000.18	2.00%	90,530.00	9,143,530.18
2 2017	9,053,000.18	2.00%	273,400.61	18,469,930.96
3 2018	9,053,000.18	2.00%	459,928.62	27,982,859.75
4 2019	9,053,000.18	2.00%	650,187.20	37,686,047.13
5 2020	9,053,000.18	2.00%	844,250.94	47,583,298.25
6 2021	9,053,000.18	2.00%	1,042,195.97	57,678,494.39
7 2022	9,053,000.18	2.00%	1,244,099.89	67,975,594.45
8 2023	9,053,000.18	2.00%	1,450,041.89	78,478,636.52
9 2024	9,053,000.18	2.00%	1,660,102.73	89,191,739.43
10 2025	9,053,000.18	2.00%	1,874,364.79	100,119,104.39
11 2026	9,053,000.18	2.00%	2,092,912.09	111,265,016.66
12 2027	9,053,000.18	2.00%	2,315,830.33	122,633,847.17
13 2028	9,053,000.18	2.00%	2,543,206.95	134,230,054.29
14 2029	9,053,000.18	2.00%	2,775,131.09	146,058,185.55
15 2030	9,053,000.18	2.00%	3,011,693.71	158,122,879.44
16 2031	9,053,000.18	2.00%	3,252,987.59	170,428,867.20
17 2032	9,053,000.18	2.00%	3,499,107.35	182,980,974.72
18 2033	9,053,000.18	2.00%	3,750,149.50	195,784,124.40
19 2034	9,053,000.18	2.00%	4,006,212.49	208,843,337.06
20 2035	9,053,000.18	2.00%	4,267,396.74	222,163,733.98
21 2036	9,053,000.18	2.00%	4,533,804.68	235,750,538.84
22 2037	9,053,000.18	2.00%	4,805,540.78	249,609,079.79
23 2038	9,053,000.18	2.00%	5,082,711.60	263,744,791.56
24 2039	9,053,000.18	2.00%	5,365,425.83	278,163,217.57
25 2040	9,053,000.18	2.00%	5,653,794.35	292,870,012.10
26 2041	9,053,000.18	2.00%	5,947,930.24	307,870,942.52
27 2042	9,053,000.18	2.00%	6,247,948.85	323,171,891.55
28 2043	9,053,000.18	2.00%	6,553,967.83	338,778,859.55
29 2044	9,053,000.18	2.00%	6,866,107.19	354,697,966.92
30 2045	9,053,000.18	2.00%	7,184,489.34	370,935,456.44
31 2046	9,053,000.18	2.00%	7,509,239.13	387,497,695.74
32 2047	9,053,000.18	2.00%	7,840,483.92	404,391,179.84
33 2048	9,053,000.18	2.00%	8,178,353.60	421,622,533.61
34 2049	9,053,000.18	2.00%	8,522,980.67	439,198,514.46
35 2050	9,053,000.18	2.00%	8,874,500.29	457,126,014.93
36 2051	9,053,000.18	2.00%	9,233,050.30	475,412,065.40
37 2052	9,053,000.18	2.00%	9,598,771.31	494,063,836.89
38 2053	9,053,000.18	2.00%	9,971,806.74	513,088,643.80
39 2054	9,053,000.18	2.00%	10,352,302.88	532,493,946.85
40 2055	9,053,000.18	2.00%	10,740,408.94	552,287,355.97
2056				
Totals	<u>362,120,007.01</u>		<u>190,167,348.96</u>	OK

NOTE: The Real Return Rate is 2.0% as provide for in 10CFR50.75(e)(ii).

NRC Decommissioning Funding Requirement Report
for Financial Assurance of New Plants - Method #1 - Level Funding
TXU Generation Company LP - Comanche Peak Steam Electric Station (CPSES)

CPSES: Unit 4 NDT

Year	Contribution	Real Return		Balance
		Rate	Return/Earnings	
2015				0.00
2016				
1 2017	9,425,078.48	2.00%	94,250.78	9,519,329.27
2 2018	9,425,078.48	2.00%	284,637.37	19,229,045.12
3 2019	9,425,078.48	2.00%	478,831.69	29,132,955.29
4 2020	9,425,078.48	2.00%	676,909.89	39,234,943.66
5 2021	9,425,078.48	2.00%	878,949.66	49,538,971.80
6 2022	9,425,078.48	2.00%	1,085,030.22	60,049,080.51
7 2023	9,425,078.48	2.00%	1,295,232.39	70,769,391.38
8 2024	9,425,078.48	2.00%	1,509,638.61	81,704,108.48
9 2025	9,425,078.48	2.00%	1,728,332.95	92,857,519.92
10 2026	9,425,078.48	2.00%	1,951,401.18	104,233,999.58
11 2027	9,425,078.48	2.00%	2,178,930.78	115,838,008.84
12 2028	9,425,078.48	2.00%	2,411,010.96	127,674,098.29
13 2029	9,425,078.48	2.00%	2,647,732.75	139,746,909.52
14 2030	9,425,078.48	2.00%	2,889,188.98	152,061,176.98
15 2031	9,425,078.48	2.00%	3,135,474.32	164,621,729.78
16 2032	9,425,078.48	2.00%	3,386,685.38	177,433,493.65
17 2033	9,425,078.48	2.00%	3,642,920.66	190,501,492.79
18 2034	9,425,078.48	2.00%	3,904,280.64	203,830,851.91
19 2035	9,425,078.48	2.00%	4,170,867.82	217,426,798.21
20 2036	9,425,078.48	2.00%	4,442,786.75	231,294,663.45
21 2037	9,425,078.48	2.00%	4,720,144.05	245,439,885.98
22 2038	9,425,078.48	2.00%	5,003,048.50	259,868,012.97
23 2039	9,425,078.48	2.00%	5,291,611.04	274,584,702.50
24 2040	9,425,078.48	2.00%	5,585,944.83	289,595,725.81
25 2041	9,425,078.48	2.00%	5,886,165.30	304,906,969.60
26 2042	9,425,078.48	2.00%	6,192,390.18	320,524,438.26
27 2043	9,425,078.48	2.00%	6,504,739.55	336,454,256.29
28 2044	9,425,078.48	2.00%	6,823,335.91	352,702,670.68
29 2045	9,425,078.48	2.00%	7,148,304.20	369,276,053.36
30 2046	9,425,078.48	2.00%	7,479,771.85	386,180,903.70
31 2047	9,425,078.48	2.00%	7,817,868.86	403,423,851.04
32 2048	9,425,078.48	2.00%	8,162,727.81	421,011,657.33
33 2049	9,425,078.48	2.00%	8,514,483.93	438,951,219.74
34 2050	9,425,078.48	2.00%	8,873,275.18	457,249,573.40
35 2051	9,425,078.48	2.00%	9,239,242.25	475,913,894.14
36 2052	9,425,078.48	2.00%	9,612,528.67	494,951,501.29
37 2053	9,425,078.48	2.00%	9,993,280.81	514,369,860.58
38 2054	9,425,078.48	2.00%	10,381,648.00	534,176,587.06
39 2055	9,425,078.48	2.00%	10,777,782.53	554,379,448.07
40 2056	9,425,078.48	2.00%	11,181,839.75	574,986,366.30
Totals	<u>377,003,139.30</u>		<u>197,983,227.00</u>	OK

NOTE: The Real Return Rate is 2.0% as provide for in 10CFR50.75(e)(ii).

NRC Decommissioning Funding Requirement Report for Financial Assurance of New Plants - Method #2 - Pre-Funding

TXU Generation Company LP - Comanche Peak Steam Electric Station (CPSES)

Financial Assurance Results at 12/31/06

10/15/03: Talked with Michael Duseniwskyj at 301.415.1260 at the NRC to clarify issues with our 3/31/03 Financial Assurance filing.

We used a Real Return (Asset Return - Escalation Rate) of 2% as provided for in 10CFR50.75(e)(ii).

He suggested that the NRC was interested in a simple comparison of:

A The minimum amount of decommissioning funds estimated to be required.

Compared to:

B The sum of the following:

1. The assets accumulated at the end of the previous calendar year.
2. Amounts remaining to be collected.
3. Amount of Real Return over the collection period.

Results:

	<u>Total</u>	<u>Unit #3</u>	<u>Unit #4</u>
A NRC	1,127,273,722	552,287,356	574,986,366
Assets	510,531,464	250,125,650	260,405,814
Collections	0	0	0
Real Return	616,742,258	302,161,706	314,580,552
B Total	<u><u>1,127,273,722</u></u>	<u><u>552,287,356</u></u>	<u><u>574,986,366</u></u>

NRC Result	Funded: 100.0%	Funded: 100.0%	Funded: 100.0%
Based on NRC Cost	Passed	Passed	Passed

NRC Decommissioning Funding Requirement Report
for Financial Assurance of New Plants - Method #2 - Pre-Funding
TXU Generation Company LP - Comanche Peak Steam Electric Station (CPSES)

CPSES: Unit 3 NDT

Year	Contribution	Real Return		Balance
		Rate	Return/Earnings	
2015				250,125,649.95
1 2016	0.00	2.00%	5,002,513.00	255,128,162.94
2 2017	0.00	2.00%	5,102,563.26	260,230,726.20
3 2018	0.00	2.00%	5,204,614.52	265,435,340.73
4 2019	0.00	2.00%	5,308,706.81	270,744,047.54
5 2020	0.00	2.00%	5,414,880.95	276,158,928.49
6 2021	0.00	2.00%	5,523,178.57	281,682,107.06
7 2022	0.00	2.00%	5,633,642.14	287,315,749.20
8 2023	0.00	2.00%	5,746,314.98	293,062,064.19
9 2024	0.00	2.00%	5,861,241.28	298,923,305.47
10 2025	0.00	2.00%	5,978,466.11	304,901,771.58
11 2026	0.00	2.00%	6,098,035.43	310,999,807.01
12 2027	0.00	2.00%	6,219,996.14	317,219,803.15
13 2028	0.00	2.00%	6,344,396.06	323,564,199.22
14 2029	0.00	2.00%	6,471,283.98	330,035,483.20
15 2030	0.00	2.00%	6,600,709.66	336,636,192.86
16 2031	0.00	2.00%	6,732,723.86	343,368,916.72
17 2032	0.00	2.00%	6,867,378.33	350,236,295.06
18 2033	0.00	2.00%	7,004,725.90	357,241,020.96
19 2034	0.00	2.00%	7,144,820.42	364,385,841.38
20 2035	0.00	2.00%	7,287,716.83	371,673,558.20
21 2036	0.00	2.00%	7,433,471.16	379,107,029.37
22 2037	0.00	2.00%	7,582,140.59	386,689,169.96
23 2038	0.00	2.00%	7,733,783.40	394,422,953.36
24 2039	0.00	2.00%	7,888,459.07	402,311,412.42
25 2040	0.00	2.00%	8,046,228.25	410,357,640.67
26 2041	0.00	2.00%	8,207,152.81	418,564,793.48
27 2042	0.00	2.00%	8,371,295.87	426,936,089.35
28 2043	0.00	2.00%	8,538,721.79	435,474,811.14
29 2044	0.00	2.00%	8,709,496.22	444,184,307.36
30 2045	0.00	2.00%	8,883,686.15	453,067,993.51
31 2046	0.00	2.00%	9,061,359.87	462,129,353.38
32 2047	0.00	2.00%	9,242,587.07	471,371,940.45
33 2048	0.00	2.00%	9,427,438.81	480,799,379.26
34 2049	0.00	2.00%	9,615,987.59	490,415,366.84
35 2050	0.00	2.00%	9,808,307.34	500,223,674.18
36 2051	0.00	2.00%	10,004,473.48	510,228,147.66
37 2052	0.00	2.00%	10,204,562.95	520,432,710.62
38 2053	0.00	2.00%	10,408,654.21	530,841,364.83
39 2054	0.00	2.00%	10,616,827.30	541,458,192.13
40 2055	0.00	2.00%	10,829,163.84	552,287,355.97
2056				
Totals	0.00		302,161,706.02	OK

NOTE: The Real Return Rate is 2.0% as provide for in 10CFR50.75(e)(ii).

NRC Decommissioning Funding Requirement Report
for Financial Assurance of New Plants - Method #2 - Pre-Funding
TXU Generation Company LP - Comanche Peak Steam Electric Station (CPSES)

CPSES: Unit 4 NDT

Year	Contribution	Real Return		Balance
		Rate	Return/Earnings	
2015				
2016				260,405,814.16
1 2017	0.00	2.00%	5,208,116.28	265,613,930.44
2 2018	0.00	2.00%	5,312,278.61	270,926,209.05
3 2019	0.00	2.00%	5,418,524.18	276,344,733.23
4 2020	0.00	2.00%	5,526,894.66	281,871,627.90
5 2021	0.00	2.00%	5,637,432.56	287,509,060.45
6 2022	0.00	2.00%	5,750,181.21	293,259,241.66
7 2023	0.00	2.00%	5,865,184.83	299,124,426.50
8 2024	0.00	2.00%	5,982,488.53	305,106,915.03
9 2025	0.00	2.00%	6,102,138.30	311,209,053.33
10 2026	0.00	2.00%	6,224,181.07	317,433,234.39
11 2027	0.00	2.00%	6,348,664.69	323,781,899.08
12 2028	0.00	2.00%	6,475,637.98	330,257,537.06
13 2029	0.00	2.00%	6,605,150.74	336,862,687.80
14 2030	0.00	2.00%	6,737,253.76	343,599,941.56
15 2031	0.00	2.00%	6,871,998.83	350,471,940.39
16 2032	0.00	2.00%	7,009,438.81	357,481,379.20
17 2033	0.00	2.00%	7,149,627.58	364,631,006.78
18 2034	0.00	2.00%	7,292,620.14	371,923,626.92
19 2035	0.00	2.00%	7,438,472.54	379,362,099.46
20 2036	0.00	2.00%	7,587,241.99	386,949,341.45
21 2037	0.00	2.00%	7,738,986.83	394,688,328.28
22 2038	0.00	2.00%	7,893,766.57	402,582,094.84
23 2039	0.00	2.00%	8,051,641.90	410,633,736.74
24 2040	0.00	2.00%	8,212,674.73	418,846,411.47
25 2041	0.00	2.00%	8,376,928.23	427,223,339.70
26 2042	0.00	2.00%	8,544,466.79	435,767,806.50
27 2043	0.00	2.00%	8,715,356.13	444,483,162.63
28 2044	0.00	2.00%	8,889,663.25	453,372,825.88
29 2045	0.00	2.00%	9,067,456.52	462,440,282.40
30 2046	0.00	2.00%	9,248,805.65	471,689,088.04
31 2047	0.00	2.00%	9,433,781.76	481,122,869.81
32 2048	0.00	2.00%	9,622,457.40	490,745,327.20
33 2049	0.00	2.00%	9,814,906.54	500,560,233.75
34 2050	0.00	2.00%	10,011,204.67	510,571,438.42
35 2051	0.00	2.00%	10,211,428.77	520,782,867.19
36 2052	0.00	2.00%	10,415,657.34	531,198,524.53
37 2053	0.00	2.00%	10,623,970.49	541,822,495.02
38 2054	0.00	2.00%	10,836,449.90	552,658,944.92
39 2055	0.00	2.00%	11,053,178.90	563,712,123.82
40 2056	0.00	2.00%	11,274,242.48	574,986,366.30
Totals	0.00		314,580,552.14	OK

NOTE: The Real Return Rate is 2.0% as provide for in 10CFR50.75(e)(ii).