Table 9: Post-Closure Expense Categories - Private Sector Approach

Expense Item	Cost	CNS Financial Report Page [1]

Recurring Yearly Expenses - Expense Category P1
(Cost breakdowns shown when provided in Chem-Nuclear Financial Report)

Labor (Long-Term Care Staff) — $ 312,000.00 — 1

Item	No.	Units	Rate	Units		Total
1 Supervisor	2080	hours	$40	/hour	$	83,200.00
3 Technicians	6240	hours	$30	/hour	$	187,200.00
1 Clerical	2080	hours	$20	/hour	$	41,600.00
						==========
				Total Long-Term Care Staff	$	312,000.00

Corporate Support / Supplies — $ 45,568.00 — 10

Item	No.	Units	Rate	Units		Total
Senior Executive/VP	208	hours	$71	/hour	$	14,768.00
Manager/Professional	520	hours	$40	/hour	$	20,800.00
General Supplies	1		$10,000	/year	$	10,000.00
						==========
				Total Corporate Support / Supplies	$	45,568.00

Site Monitoring - Rad and Norad Sample Analysis — $ 468,514.00 — 6

Item	No.	Units	Rate	Units		Total
Sample Analysis	1	total	$455,714	/year	$	455,714.00
Watera Pump	1	total	$800	/year	$	800.00
Supplies	1	total	$12,000	/year	$	12,000.00
						==========
				Total Site Monitoring	$	468,514.00

Facility Operation Costs — $ 142,268.00 — 7

Item	No.	Units	Rate	Units		Total
Utilities	1	total	$50,000	/year	$	50,000.00
Property Taxes	1	total	$69,060	/year	$	69,060.00
Property Insurance	1	total	$23,208	/year	$	23,208.00
						==========
				Total Facility Operation Costs	$	142,268.00

Building and Equipment Maintenance (Site Maintenance)		$ 80,000.00	2
Radwaste Transport and Disposal (Waste Disposal)		$ 72,400.00	13
DHEC Oversight		$ 675,000.00	8
		==========	
	Subtotal	$ 1,795,750.00	
Fee (See Key Table Notes)	15%	$ 154,270.00	
		==========	
Total Recurring Yearly Expenses		$ 1,950,020.00	

Continued on Next Page

Table 9: Post-Closure Expense Categories - Private Sector Approach

Expense Item		Cost	CNS Financial Report Page [1]
Recurring Five (5) Year Expenses - Expense Category P2			
Enhanced Cap Liner Repair	$	15,000	2
Aerial Land Survey	$	15,000	8
		==========	
Total Recurring 5-Year Expenses	$	30,000	
Single Events - Expense Category P6			
Site Radiation Survey	$	200,000	8
Performance Assessment Evaluation (See Key Tables Notes)	$	1,000,000	8
		==========	
Total Single Events	$	1,200,000	

Notes:

[1] From the Chem-Nuclear cost worksheets provided in the document titled *Financial Data for Interim Site Stabilization and Closure Plan For the Barnwell Low-Level Radioactive Waste Disposal Facility 2000 Closure Plan* dated September 2000

Prepared By/Date: _____ / _____
Checked By/Date: _____ / _____

Table 10: Long-Term Care Expense Categories - Private Sector Approach

Expense Item	Cost	CNS Financial Report Page [1]

Recurring Yearly Expenses - Expense Category L1
(Cost breakdowns shown when provided in Chem-Nuclear Financial Report)

Labor (Long-Term Care Staff) — $ 312,000.00 — 1

Item	No.	Units	Rate	Units		Total
1 Supervisor	2080	hours	$40	/hour	$	83,200.00
3 Technicians	6240	hours	$30	/hour	$	187,200.00
1 Clerical	2080	hours	$20	/hour	$	41,600.00
						==========
				Total Long-Term Care Staff	$	312,000.00

Corporate Support / Supplies — $ 45,568.00 — 11

Item	No.	Units	Rate	Units		Total
Senior Executive/VP	208	hours	$71	/hour	$	14,768.00
Manager/Professional	520	hours	$40	/hour	$	20,800.00
General Supplies	1		$10,000	/year	$	10,000.00
						==========
				Total Corporate Support / Supplies	$	45,568.00

Site Monitoring - Rad and Norad Sample Analysis — $ 468,514.00 — 6

Item	No.	Units	Rate	Units		Total
Sample Analysis	1	total	$455,714	/year	$	455,714.00
Watera Pump	1	total	$800	/year	$	800.00
Supplies	1	total	$12,000	/year	$	12,000.00
						==========
				Total Site Monitoring	$	468,514.00

Facility Operation Costs — $ 372,268.00 — 7

Item	No.	Units	Rate	Units		Total
Utilities	1	total	$50,000	/year	$	50,000.00
Property Taxes	1	total	$69,060	/year	$	69,060.00
Property Insurance	1	total	$23,208	/year	$	23,208.00
Third-Party Liability Ins	1	total	$230,000	/year	$	230,000.00
						==========
				Total Facility Operation Costs	$	372,268.00

Building and Equipment Maintenance (Site Maintenance)		$ 80,000.00	3
Radwaste Transport and Disposal (Waste Disposal)		$ 147,400.00	12
DHEC Oversight		$ 275,100.00	9
		==========	
	Subtotal	$ 1,700,850.00	
Fee (See Key Table Notes)	15%	$ 165,520.00	
		==========	
Total Recurring Yearly Expenses		$ 1,866,370.00	

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Table 10: Long-Term Care Expense Categories - Private Sector Approach

Expense Item		Cost	CNS Financial Report Page [1]
Recurring Five (5) Year Expenses - Expense Category L2			
Enhanced Cap Liner Repair	$	75,000	3
Aerial Land Survey	$	15,000	8
Mower Purchase	$	4,000	4
Spreader Purchase	$	2,000	4
		==========	
Total Recurring 5-Year Expenses	$	96,000	
Recurring Ten (10) Year Expenses - Expense Category L3			
Pickup Truck Purchase	$	25,000	4
Farm Tractor Purchase	$	25,000	4
		==========	
Total Recurring 10-Year Expenses	$	50,000	
Recurring Twenty (20) Year Expenses - Expense Category L4			
Backhoe Loader	$	57,000	4
Motor Grader	$	200,000	4
		==========	
Total Recurring 20-Year Expenses	$	257,000	
Recurring Twenty-Five (25) Year Expenses - Expense Category L5			
Fence Replacement	$	126,160	4
		==========	
Total Recurring 25-Year Expenses	$	126,160	
Recurring Expenses 25, 50 and 100-Year Events - Expense Category L6			
Site Radiation Survey	$	200,000	8
Performance Assessment Evaluation (See Key Tables Notes)	$	1,000,000	8
		==========	
Total	$	1,200,000	

Notes:

[1] From the Chem-Nuclear cost worksheets provided in the document titled *Financial Data for Interim Site Stabilization and Closure Plan For the Barnwell Low-Level Radioactive Waste Disposal Facility 2000 Closure Plan* dated September 2000

Prepared By/Date: _____ / _____
Checked By/Date: _____ / _____

Table 11: Extended Care Fund Analysis - Scenario 4
Cost Basis - Non-Annualized, Reduction in Monitoring and Maintenance Levels
Private Sector Approach

Year No.	Period	Year	Phase	Expense Category [1]	FY 2000 $$ Expenses	Monitoring Reduction [2]	FY 2000 $$ Remediation	5% Contingency	Payment to Fund @ $2.80 / cu ft	Interest 2.0%	Fund Balance
	Current Operating	2001-2002							Beginning Fund Balance as of July 2002 [3]		$ 72,534,232
	Current Operating	2002-2003							$ 196,000	$ 1,450,685	$ 74,180,917
	Current Operating	2003-2004							$ 168,000	$ 1,483,618	$ 75,832,535
	Current Operating	2004-2005							$ 140,000	$ 1,516,651	$ 77,489,186
	Current Operating	2005-2006							$ 126,000	$ 1,549,784	$ 79,164,969
	Current Operating	2006-2007							$ 112,000	$ 1,583,299	$ 80,860,269
	Current Operating	2007-2008							$ 98,000	$ 1,617,205	$ 82,575,474
	In-region	2008-2009	Phase I Closure						$ 22,400	$ 1,651,509	$ 84,249,384
	In-region	2009-2010	Phase I Closure						$ 22,400	$ 1,684,988	$ 85,956,771
	In-region	2010-2011	Phase I Post-Closure	PI	$ 1,950,020			$ 97,501	$ 22,400	$ 1,719,135	$ 85,650,786
	In-region	2011-2012	Phase I Post-Closure	PI	$ 1,950,020			$ 97,501	$ 22,400	$ 1,713,016	$ 85,338,680
	In-region	2012-2013	Phase I Post-Closure	PI	$ 1,950,020			$ 97,501	$ 22,400	$ 1,706,774	$ 85,020,333
	In-region	2013-2014	Phase I Post-Closure	PI	$ 1,950,020			$ 97,501	$ 22,400	$ 1,700,407	$ 84,695,619
	In-region	2014-2015	Phase I Post-Closure	PI, P2 & P6	$ 3,180,020			$ 159,001	$ 22,400	$ 1,693,912	$ 83,072,910
	In-region	2015-2016	Long Term Care Level [4]	L1	$ 1,561,370			$ 78,069	$ 22,400	$ 1,661,458	$ 83,117,330
	In-region	2016-2017	Long Term Care Level	L1	$ 1,561,370			$ 78,069	$ 22,400	$ 1,662,347	$ 83,162,638
	In-region	2017-2018	Long Term Care Level	L1	$ 1,561,370			$ 78,069	$ 22,400	$ 1,663,253	$ 83,208,852
	In-region	2018-2019	Long Term Care Level	L1	$ 1,561,370			$ 78,069	$ 22,400	$ 1,664,177	$ 83,255,991
	In-region	2019-2020	Long Term Care Level	L1, L2	$ 1,657,370			$ 82,869	$ 22,400	$ 1,665,120	$ 83,203,272
	In-region	2020-2021	Long Term Care Level	L1	$ 1,561,370			$ 78,069	$ 22,400	$ 1,664,065	$ 83,250,299
	In-region	2021-2022	Long Term Care Level	L1	$ 1,561,370			$ 78,069	$ 22,400	$ 1,665,006	$ 83,298,266
	In-region	2022-2023	Long Term Care Level	L1	$ 1,561,370			$ 78,069	$ 22,400	$ 1,665,965	$ 83,347,193
	In-region	2023-2024	Long Term Care Level	L1	$ 1,561,370			$ 78,069	$ 22,400	$ 1,666,944	$ 83,397,099
	In-region	2024-2025	Long Term Care Level	L1, L2, L3	$ 1,707,370			$ 85,369	$ 22,400	$ 1,667,942	$ 83,294,702
	In-region	2025-2026	Long Term Care Level	L1	$ 1,561,370			$ 78,069	$ 22,400	$ 1,665,894	$ 83,343,558
	In-region	2026-2027	Long Term Care Level	L1	$ 1,561,370			$ 78,069	$ 22,400	$ 1,666,871	$ 83,393,390
	In-region	2027-2028	Long Term Care Level	L1	$ 1,561,370			$ 78,069	$ 22,400	$ 1,667,868	$ 83,444,220
	In-region	2028-2029	Long Term Care Level	L1	$ 1,561,370			$ 78,069	$ 22,400	$ 1,668,884	$ 83,496,065
	In-region	2029-2030	Long Term Care Level	L1, L2, L4	$ 1,914,370			$ 95,719	$ 22,400	$ 1,669,921	$ 83,178,298
	In-region	2030-2031	Long Term Care Level	L1	$ 1,561,370			$ 78,069	$ 22,400	$ 1,663,566	$ 83,224,826
	In-region	2031-2032	Long Term Care Level	L1	$ 1,561,370			$ 78,069	$ 22,400	$ 1,664,497	$ 83,272,284
	In-region	2032-2033	Long Term Care Level	L1	$ 1,561,370			$ 78,069	$ 22,400	$ 1,665,446	$ 83,320,691
	In-region	2033-2034	Long Term Care Level	L1	$ 1,561,370			$ 78,069	$ 22,400	$ 1,666,414	$ 83,370,066
	In-region	2034-2035	Long Term Care Level	L1, L2, L3, L5	$ 1,833,530			$ 91,677	$ 22,400	$ 1,667,401	$ 83,134,661
	In-region	2035-2036	Long Term Care Level	L1	$ 1,561,370			$ 78,069	$ 22,400	$ 1,662,693	$ 83,180,316
	In-region	2036-2037	Long Term Care Level	L1	$ 1,561,370			$ 78,069	$ 22,400	$ 1,663,606	$ 83,226,884

Table 11: Extended Care Fund Analysis - Scenario 4
Cost Basis - Non-Annualized, Reduction in Monitoring and Maintenance Levels
Private Sector Approach

Year No.	Period	Year	Phase	Expense Category [1]	FY 2000 $$ Expenses	Monitoring Reduction [2]	FY 2000 $$ Remediation	5% Contingency	Payment to Fund @ $2.80 / cu ft	Interest 2.0%	Fund Balance
	In-region	2037-2038	Long Term Care Level	L1	$ 1,561,370			$ 78,069	$ 22,400	$ 1,664,538	$ 83,274,383
	In-region	2038-2039	Phase II Closure	P1, P2	$ 1,750,020			$ 87,501		$ 1,665,488	$ 83,102,349
		2039-2040	Phase II Post-Closure [5]	P1	$ 1,795,020			$ 89,751		$ 1,662,047	$ 82,879,625
		2040-2041	Phase II Post-Closure	P1	$ 1,795,020			$ 89,751		$ 1,657,593	$ 82,652,447
		2041-2042	Phase II Post-Closure	P1	$ 1,795,020			$ 89,751		$ 1,653,049	$ 82,420,725
		2042-2043	Phase II Post-Closure	P1	$ 1,795,020			$ 89,751		$ 1,648,414	$ 82,184,368
		2043-2044	Phase II Post-Closure	P1, P2, P6 [6]	$ 3,025,020			$ 151,251		$ 1,643,687	$ 80,651,785
1	Inst. Control	2044-2045	100 Yr. Inst. Control	L1, L3	$ 1,916,370			$ 95,819		$ 1,613,036	$ 80,252,632
2	Inst. Control	2045-2046		L1	$ 1,866,370			$ 93,319		$ 1,605,053	$ 79,897,996
3	Inst. Control	2046-2047		L1	$ 1,866,370			$ 93,319		$ 1,597,960	$ 79,536,268
4	Inst. Control	2047-2048		L1	$ 1,866,370			$ 93,319		$ 1,590,725	$ 79,167,304
5	Inst. Control	2048-2049		L1, L2	$ 1,962,370			$ 98,119		$ 1,583,346	$ 78,690,162
6	Inst. Control	2049-2050		L1, L4	$ 2,123,370			$ 106,169		$ 1,573,803	$ 78,034,427
7	Inst. Control	2050-2051		L1	$ 1,866,370			$ 93,319		$ 1,560,689	$ 77,635,427
8	Inst. Control	2051-2052		L1	$ 1,866,370			$ 93,319		$ 1,552,709	$ 77,228,447
9	Inst. Control	2052-2053		L1	$ 1,866,370			$ 93,319		$ 1,544,569	$ 76,813,327
10	Inst. Control	2053-2054		L1, L2	$ 1,887,370			$ 94,369		$ 1,536,267	$ 76,367,855
11	Inst. Control	2054-2055		L1, L3	$ 1,916,370			$ 95,819		$ 1,527,357	$ 75,883,024
12	Inst. Control	2055-2056		L1	$ 1,866,370			$ 93,319		$ 1,517,660	$ 75,440,996
13	Inst. Control	2056-2057		L1	$ 1,866,370			$ 93,319		$ 1,508,820	$ 74,990,127
14	Inst. Control	2057-2058		L1	$ 1,866,370			$ 93,319		$ 1,499,803	$ 74,530,241
15	Inst. Control	2058-2059		L1, L2	$ 1,962,370			$ 98,119		$ 1,490,605	$ 73,960,358
16	Inst. Control	2059-2060		L1, L5	$ 1,992,530			$ 99,627		$ 1,479,207	$ 73,347,408
17	Inst. Control	2060-2061		L1	$ 1,866,370			$ 93,319		$ 1,466,948	$ 72,854,668
18	Inst. Control	2061-2062		L1	$ 1,866,370			$ 93,319		$ 1,457,093	$ 72,352,073
19	Inst. Control	2062-2063		L1	$ 1,866,370			$ 93,319		$ 1,447,041	$ 71,839,426
20	Inst. Control	2063-2064		L1, L2	$ 1,962,370			$ 98,119		$ 1,436,789	$ 71,215,726
21	Inst. Control	2064-2065		L1, L3	$ 1,916,370			$ 95,819		$ 1,424,315	$ 70,627,852
22	Inst. Control	2065-2066		L1	$ 1,866,370			$ 93,319		$ 1,412,557	$ 70,080,720
23	Inst. Control	2066-2067		L1	$ 1,866,370			$ 93,319		$ 1,401,614	$ 69,522,646
24	Inst. Control	2067-2068		L1	$ 1,866,370			$ 93,319		$ 1,390,453	$ 68,953,411
25	Inst. Control	2068-2069		L1, L2, L6	$ 3,162,370			$ 158,119		$ 1,379,068	$ 67,011,990
26	Inst. Control	2069-2070		L1, L4	$ 2,123,370	$ (100,791)		$ 101,129		$ 1,340,240	$ 66,228,522
27	Inst. Control	2070-2071		L1	$ 1,866,370	$ (100,791)		$ 88,279		$ 1,324,570	$ 65,699,235
28	Inst. Control	2071-2072		L1	$ 1,866,370	$ (100,791)		$ 88,279		$ 1,313,985	$ 65,159,361
29	Inst. Control	2072-2073		L1	$ 1,866,370	$ (100,791)		$ 88,279		$ 1,303,187	$ 64,608,691

Table 11: Extended Care Fund Analysis - Scenario 4
Cost Basis - Non-Annualized, Reduction in Monitoring and Maintenance Levels
Private Sector Approach

Year No.	Period	Year	Phase	Expense Category [1]	FY 2000 $$ Expenses	Monitoring Reduction [2]	FY 2000 $$ Remediation	5% Contingency	Payment to Fund @ $2.80 / cu ft	Interest 2.0%	Fund Balance
30	Inst. Control	2073-2074		L1, L2	$ 1,962,370	$ (100,791)		$ 93,079		$ 1,292,174	$ 63,946,207
31	Inst. Control	2074-2075		L1, L3	$ 1,916,370	$ (100,791)		$ 90,779		$ 1,278,924	$ 63,318,773
32	Inst. Control	2075-2076		L1	$ 1,866,370	$ (100,791)		$ 88,279		$ 1,266,375	$ 62,731,290
33	Inst. Control	2076-2077		L1	$ 1,866,370	$ (100,791)		$ 88,279		$ 1,254,626	$ 62,132,058
34	Inst. Control	2077-2078		L1	$ 1,866,370	$ (100,791)		$ 88,279		$ 1,242,641	$ 61,520,841
35	Inst. Control	2078-2079		L1, L2	$ 1,962,370	$ (100,791)		$ 93,079		$ 1,230,417	$ 60,796,600
36	Inst. Control	2079-2080		L1	$ 1,866,370	$ (100,791)		$ 88,279		$ 1,215,932	$ 60,158,674
37	Inst. Control	2080-2081		L1	$ 1,866,370	$ (100,791)		$ 88,279		$ 1,203,173	$ 59,507,990
38	Inst. Control	2081-2082		L1	$ 1,866,370	$ (100,791)		$ 88,279		$ 1,190,160	$ 58,844,292
39	Inst. Control	2082-2083		L1	$ 1,866,370	$ (100,791)		$ 88,279		$ 1,176,886	$ 58,167,320
40	Inst. Control	2083-2084		L1, L2	$ 1,962,370	$ (100,791)		$ 93,079		$ 1,163,346	$ 57,376,008
41	Inst. Control	2084-2085		L1, L3, L5	$ 2,042,530	$ (100,791)		$ 97,087		$ 1,147,520	$ 56,484,702
42	Inst. Control	2085-2086		L1	$ 1,866,370	$ (100,791)		$ 88,279		$ 1,129,694	$ 55,760,538
43	Inst. Control	2086-2087		L1	$ 1,866,370	$ (100,791)		$ 88,279		$ 1,115,211	$ 55,021,891
44	Inst. Control	2087-2088		L1	$ 1,866,370	$ (100,791)		$ 88,279		$ 1,100,438	$ 54,268,471
45	Inst. Control	2088-2089		L1, L2	$ 1,962,370	$ (100,791)		$ 93,079		$ 1,085,369	$ 53,399,182
46	Inst. Control	2089-2090		L1, L4	$ 2,123,370	$ (100,791)		$ 101,129		$ 1,067,984	$ 52,343,458
47	Inst. Control	2090-2091		L1	$ 1,866,370	$ (100,791)		$ 88,279		$ 1,046,869	$ 51,536,469
48	Inst. Control	2091-2092		L1	$ 1,866,370	$ (100,791)		$ 88,279		$ 1,030,729	$ 50,713,341
49	Inst. Control	2092-2093		L1	$ 1,866,370	$ (100,791)		$ 88,279		$ 1,014,267	$ 49,873,750
50	Inst. Control	2093-2094		L1, L2, L6	$ 3,162,370	$ (226,581)		$ 146,789		$ 997,475	$ 47,788,646
51	Inst. Control	2094-2095		L1, L3	$ 1,916,370	$ (226,581)		$ 84,489		$ 955,773	$ 46,970,141
52	Inst. Control	2095-2096		L1	$ 1,866,370	$ (226,581)		$ 81,989		$ 939,403	$ 46,187,765
53	Inst. Control	2096-2097		L1	$ 1,866,370	$ (226,581)		$ 81,989		$ 923,755	$ 45,389,742
54	Inst. Control	2097-2098		L1	$ 1,866,370	$ (226,581)		$ 81,989		$ 907,795	$ 44,575,758
55	Inst. Control	2098-2099		L1, L2	$ 1,962,370	$ (226,581)		$ 86,789		$ 891,515	$ 43,644,695
56	Inst. Control	2099-2100		L1	$ 1,866,370	$ (226,581)		$ 81,989		$ 872,894	$ 42,795,810
57	Inst. Control	2100-2101		L1	$ 1,866,370	$ (226,581)		$ 81,989		$ 855,916	$ 41,929,948
58	Inst. Control	2101-2102		L1	$ 1,866,370	$ (226,581)		$ 81,989		$ 838,599	$ 41,046,769
59	Inst. Control	2102-2103		L1	$ 1,866,370	$ (226,581)		$ 81,989		$ 820,935	$ 40,145,926
60	Inst. Control	2103-2104		L1, L2	$ 1,962,370	$ (226,581)		$ 86,789		$ 802,919	$ 39,126,266
61	Inst. Control	2104-2105		L1, L3	$ 1,916,370	$ (226,581)		$ 84,489		$ 782,525	$ 38,134,513
62	Inst. Control	2105-2106		L1	$ 1,866,370	$ (226,581)		$ 81,989		$ 762,690	$ 37,175,424
63	Inst. Control	2106-2107		L1	$ 1,866,370	$ (226,581)		$ 81,989		$ 743,508	$ 36,197,154
64	Inst. Control	2107-2108		L1	$ 1,866,370	$ (226,581)		$ 81,989		$ 723,943	$ 35,199,319
65	Inst. Control	2108-2109		L1, L2	$ 1,962,370	$ (226,581)		$ 86,789		$ 703,986	$ 34,080,727

Table 11: Extended Care Fund Analysis - Scenario 4
Cost Basis - Non-Annualized, Reduction in Monitoring and Maintenance Levels
Private Sector Approach

Year No.	Period	Year	Phase	Expense Category [1]	FY 2000 $$ Expenses	Monitoring Reduction [2]	FY 2000 $$ Remediation	5% Contingency	Payment to Fund @ $2.80 / cu ft	Interest 2.0%	Fund Balance
66	Inst. Control	2109-2110		L1, L4, L5	$ 2,249,530	$ (226,581)		$ 101,147		$ 681,615	$ 32,638,245
67	Inst. Control	2110-2111		L1	$ 1,866,370	$ (226,581)		$ 81,989		$ 652,765	$ 31,569,231
68	Inst. Control	2111-2112		L1	$ 1,866,370	$ (226,581)		$ 81,989		$ 631,385	$ 30,478,838
69	Inst. Control	2112-2113		L1	$ 1,866,370	$ (226,581)		$ 81,989		$ 609,577	$ 29,366,636
70	Inst. Control	2113-2114		L1, L2	$ 1,962,370	$ (226,581)		$ 86,789		$ 587,333	$ 28,131,390
71	Inst. Control	2114-2115		L1, L3	$ 1,916,370	$ (226,581)		$ 84,489		$ 562,628	$ 26,919,740
72	Inst. Control	2115-2116		L1	$ 1,866,370	$ (226,581)		$ 81,989		$ 538,395	$ 25,736,356
73	Inst. Control	2116-2117		L1	$ 1,866,370	$ (226,581)		$ 81,989		$ 514,727	$ 24,529,305
74	Inst. Control	2117-2118		L1	$ 1,866,370	$ (226,581)		$ 81,989		$ 490,586	$ 23,298,112
75	Inst. Control	2118-2119		L1, L2	$ 1,962,370	$ (226,581)		$ 86,789		$ 465,962	$ 21,941,496
76	Inst. Control	2119-2120		L1	$ 1,866,370	$ (226,581)		$ 81,989		$ 438,830	$ 20,658,548
77	Inst. Control	2120-2121		L1	$ 1,866,370	$ (226,581)		$ 81,989		$ 413,171	$ 19,349,940
78	Inst. Control	2121-2122		L1	$ 1,866,370	$ (226,581)		$ 81,989		$ 386,999	$ 18,015,160
79	Inst. Control	2122-2123		L1	$ 1,866,370	$ (226,581)		$ 81,989		$ 360,303	$ 16,653,685
80	Inst. Control	2123-2124		L1, L2	$ 1,962,370	$ (226,581)		$ 86,789		$ 333,074	$ 15,164,180
81	Inst. Control	2124-2125		L1, L3	$ 1,916,370	$ (226,581)		$ 84,489		$ 303,284	$ 13,693,186
82	Inst. Control	2125-2126		L1	$ 1,866,370	$ (226,581)		$ 81,989		$ 273,864	$ 12,245,271
83	Inst. Control	2126-2127		L1	$ 1,866,370	$ (226,581)		$ 81,989		$ 244,905	$ 10,768,398
84	Inst. Control	2127-2128		L1	$ 1,866,370	$ (226,581)		$ 81,989		$ 215,368	$ 9,261,987
85	Inst. Control	2128-2129		L1, L2	$ 1,962,370	$ (226,581)		$ 86,789		$ 185,240	$ 7,624,649
86	Inst. Control	2129-2130		L1, L4	$ 2,123,370	$ (226,581)		$ 94,839		$ 152,493	$ 5,785,513
87	Inst. Control	2130-2131		L1	$ 1,866,370	$ (226,581)		$ 81,989		$ 115,710	$ 4,179,445
88	Inst. Control	2131-2132		L1	$ 1,866,370	$ (226,581)		$ 81,989		$ 83,589	$ 2,541,255
89	Inst. Control	2132-2133		L1	$ 1,866,370	$ (226,581)		$ 81,989		$ 50,825	$ 870,302
90	Inst. Control	2133-2134		L1, L2	$ 1,962,370	$ (226,581)		$ 86,789		$ 17,406	$ (934,870)
91	Inst. Control	2134-2135		L1, L3, L5	$ 2,042,530	$ (226,581)		$ 90,797		$ -	$ (2,841,617)
92	Inst. Control	2135-2136		L1	$ 1,866,370	$ (226,581)		$ 81,989		$ -	$ (4,563,395)
93	Inst. Control	2136-2137		L1	$ 1,866,370	$ (226,581)		$ 81,989		$ -	$ (6,285,174)
94	Inst. Control	2137-2138		L1	$ 1,866,370	$ (226,581)		$ 81,989		$ -	$ (8,006,952)
95	Inst. Control	2138-2139		L1, L2	$ 1,962,370	$ (226,581)		$ 86,789		$ -	$ (9,829,531)
96	Inst. Control	2139-2140		L1	$ 1,866,370	$ (226,581)		$ 81,989		$ -	$ (11,551,309)
97	Inst. Control	2140-2141		L1	$ 1,866,370	$ (226,581)		$ 81,989		$ -	$ (13,273,088)
98	Inst. Control	2141-2142		L1	$ 1,866,370	$ (226,581)		$ 81,989		$ -	$ (14,994,866)
99	Inst. Control	2142-2143		L1	$ 1,866,370	$ (226,581)		$ 81,989		$ -	$ (16,716,644)
100	Inst. Control	2143-2144		L1, L6	$ 3,066,370	$ (226,581)		$ 141,989		$ -	$ (19,698,423)

Table 11: Extended Care Fund Analysis - Scenario 4
Cost Basis - Non-Annualized, Reduction in Monitoring and Maintenance Levels
Private Sector Approach

Year No.	Period	Year	Phase	Expense Category [1]	FY 2000 $$ Expenses	Monitoring Reduction [2]	FY 2000 $$ Remediation	5% Contingency	Payment to Fund @ $2.80 / cu ft	Interest 2.0%	Fund Balance

Notes:

Current Chem-Nuclear Cost Estimate refers to the estimates provided in the document titled Financial Data for Interim Site Stabilization and *Closure Plan For the Barnwell Low-Level Radioactive Waste Disposal Facility 200 Closure Plan* dated September 2000

[1] See Tables 7 and 8 for Post-Closure (P) and Long-Term (L) Expense Categories

[2] Reductions in maintenance and monitoring costs are 10% after 25 years of institutional control and 25% after 50 years consistent with Chem-Nuclear's assumptions.

[3] Fund Balance as of July 2002 estimated from Fund Balance of 9/30/01 per State Treasurer's balance of 9/30/01 increased by 5.5%.

[4] Excludes Performance Evaluation costs, Site Radiation Survey costs and a $75,000 reduction in Disposal Costs per the Key Design Assumptions, Section IV, of the Chem-Nuclear Financial Data document referenced above. Also excludes $230,000 for third-party liability insurance.

[5] Includes additional $75,000 in Disposal Costs per the Key Design Assumptions, Section VI, of the Chem-Nuclear Financial Data document referenced above, and excludes $230,000 for third-party liability insurance.

[6] Performance Assessment and Site Radiation Survey conducted. Next Performance Assessment and Site Radiation Survey at 25, 50 and 100 year events per cost worksheet page 8 of the Chem-Nuclear Financial Data document referenced above.

Prepared By/Date: _____ / _____
Checked By/Date: _____ / _____

Table 12: Extended Care Fund Analysis - Scenario 5
Cost Basis - Non-Annualized, Monitoring and Maintenance Levels Constant, No Remedial Action
Private Sector Approach

Year No.	Period	Year	Phase	Expense Category [1]	FY 2000 $$ Expenses	Monitoring Reduction [2]	FY 2000 $$ Remediation	5% Contingency	Payment to Fund @ $2.80 / cu ft	Interest 2.0%	Fund Balance
	Current Operating	2001-2002							Beginning Fund Balance as of July 2002 [3]		$ 72,534,232
	Current Operating	2002-2003							$ 196,000	$ 1,450,685	$ 74,180,917
	Current Operating	2003-2004							$ 168,000	$ 1,483,618	$ 75,832,535
	Current Operating	2004-2005							$ 140,000	$ 1,516,651	$ 77,489,186
	Current Operating	2005-2006							$ 126,000	$ 1,549,784	$ 79,164,969
	Current Operating	2006-2007							$ 112,000	$ 1,583,299	$ 80,860,269
	Current Operating	2007-2008							$ 98,000	$ 1,617,205	$ 82,575,474
	In-region	2008-2009	Phase I Closure						$ 22,400	$ 1,651,509	$ 84,249,384
	In-region	2009-2010	Phase I Closure						$ 22,400	$ 1,684,988	$ 85,956,771
	In-region	2010-2011	Phase I Post-Closure	PI	$ 1,950,020			$ 97,501	$ 22,400	$ 1,719,135	$ 85,650,786
	In-region	2011-2012	Phase I Post-Closure	PI	$ 1,950,020			$ 97,501	$ 22,400	$ 1,713,016	$ 85,338,680
	In-region	2012-2013	Phase I Post-Closure	PI	$ 1,950,020			$ 97,501	$ 22,400	$ 1,706,774	$ 85,020,333
	In-region	2013-2014	Phase I Post-Closure	PI	$ 1,950,020			$ 97,501	$ 22,400	$ 1,700,407	$ 84,695,619
	In-region	2014-2015	Phase I Post-Closure	PI, P2 & P6	$ 3,180,020			$ 159,001	$ 22,400	$ 1,693,912	$ 83,072,910
	In-region	2015-2016	Long Term Care Level [4]	L1	$ 1,561,370			$ 78,069	$ 22,400	$ 1,661,458	$ 83,117,330
	In-region	2016-2017	Long Term Care Level	L1	$ 1,561,370			$ 78,069	$ 22,400	$ 1,662,347	$ 83,162,638
	In-region	2017-2018	Long Term Care Level	L1	$ 1,561,370			$ 78,069	$ 22,400	$ 1,663,253	$ 83,208,852
	In-region	2018-2019	Long Term Care Level	L1	$ 1,561,370			$ 78,069	$ 22,400	$ 1,664,177	$ 83,255,991
	In-region	2019-2020	Long Term Care Level	L1, L2	$ 1,657,370			$ 82,869	$ 22,400	$ 1,665,120	$ 83,203,272
	In-region	2020-2021	Long Term Care Level	L1	$ 1,561,370			$ 78,069	$ 22,400	$ 1,664,065	$ 83,250,299
	In-region	2021-2022	Long Term Care Level	L1	$ 1,561,370			$ 78,069	$ 22,400	$ 1,665,006	$ 83,298,266
	In-region	2022-2023	Long Term Care Level	L1	$ 1,561,370			$ 78,069	$ 22,400	$ 1,665,965	$ 83,347,193
	In-region	2023-2024	Long Term Care Level	L1	$ 1,561,370			$ 78,069	$ 22,400	$ 1,666,944	$ 83,397,099
	In-region	2024-2025	Long Term Care Level	L1, L2, L3	$ 1,707,370			$ 85,369	$ 22,400	$ 1,667,942	$ 83,294,702
	In-region	2025-2026	Long Term Care Level	L1	$ 1,561,370			$ 78,069	$ 22,400	$ 1,665,894	$ 83,343,558
	In-region	2026-2027	Long Term Care Level	L1	$ 1,561,370			$ 78,069	$ 22,400	$ 1,666,871	$ 83,393,390
	In-region	2027-2028	Long Term Care Level	L1	$ 1,561,370			$ 78,069	$ 22,400	$ 1,667,868	$ 83,444,220
	In-region	2028-2029	Long Term Care Level	L1	$ 1,561,370			$ 78,069	$ 22,400	$ 1,668,884	$ 83,496,065
	In-region	2029-2030	Long Term Care Level	L1, L2, L4	$ 1,914,370			$ 95,719	$ 22,400	$ 1,669,921	$ 83,178,298
	In-region	2030-2031	Long Term Care Level	L1	$ 1,561,370			$ 78,069	$ 22,400	$ 1,663,566	$ 83,224,826
	In-region	2031-2032	Long Term Care Level	L1	$ 1,561,370			$ 78,069	$ 22,400	$ 1,664,497	$ 83,272,284
	In-region	2032-2033	Long Term Care Level	L1	$ 1,561,370			$ 78,069	$ 22,400	$ 1,665,446	$ 83,320,691
	In-region	2033-2034	Long Term Care Level	L1	$ 1,561,370			$ 78,069	$ 22,400	$ 1,666,414	$ 83,370,066
	In-region	2034-2035	Long Term Care Level	L1, L2, L3, L5	$ 1,833,530			$ 91,677	$ 22,400	$ 1,667,401	$ 83,134,661
	In-region	2035-2036	Long Term Care Level	L1	$ 1,561,370			$ 78,069	$ 22,400	$ 1,662,693	$ 83,180,316
	In-region	2036-2037	Long Term Care Level	L1	$ 1,561,370			$ 78,069	$ 22,400	$ 1,663,606	$ 83,226,884

Table 12: Extended Care Fund Analysis - Scenario 5
Cost Basis - Non-Annualized, Monitoring and Maintenance Levels Constant, No Remedial Action
Private Sector Approach

Year No.	Period	Year	Phase	Expense Category [1]	FY 2000 $$ Expenses	Monitoring Reduction [2]	FY 2000 $$ Remediation	5% Contingency	Payment to Fund @ $2.80 / cu ft	Interest 2.0%	Fund Balance
	In-region	2037-2038	Long Term Care Level	L1	$ 1,561,370			$ 78,069	$ 22,400	$ 1,664,538	$ 83,274,383
	In-region	2038-2039	Phase II Closure	P1, P2	$ 1,750,020			$ 87,501		$ 1,665,488	$ 83,102,349
		2039-2040	Phase II Post-Closure [5]	P1	$ 1,795,020			$ 89,751		$ 1,662,047	$ 82,879,625
		2040-2041	Phase II Post-Closure	P1	$ 1,795,020			$ 89,751		$ 1,657,593	$ 82,652,447
		2041-2042	Phase II Post-Closure	P1	$ 1,795,020			$ 89,751		$ 1,653,049	$ 82,420,725
		2042-2043	Phase II Post-Closure	P1	$ 1,795,020			$ 89,751		$ 1,648,414	$ 82,184,368
		2043-2044	Phase II Post-Closure	P1, P2, P6 [6]	$ 3,025,020			$ 151,251		$ 1,643,687	$ 80,651,785
1	Inst. Control	2044-2045	100 Yr. Inst. Control	L1, L3	$ 1,916,370			$ 95,819		$ 1,613,036	$ 80,252,632
2	Inst. Control	2045-2046		L1	$ 1,866,370			$ 93,319		$ 1,605,053	$ 79,897,996
3	Inst. Control	2046-2047		L1	$ 1,866,370			$ 93,319		$ 1,597,960	$ 79,536,268
4	Inst. Control	2047-2048		L1	$ 1,866,370			$ 93,319		$ 1,590,725	$ 79,167,304
5	Inst. Control	2048-2049		L1, L2	$ 1,962,370			$ 98,119		$ 1,583,346	$ 78,690,162
6	Inst. Control	2049-2050		L1, L4	$ 2,123,370			$ 106,169		$ 1,573,803	$ 78,034,427
7	Inst. Control	2050-2051		L1	$ 1,866,370			$ 93,319		$ 1,560,689	$ 77,635,427
8	Inst. Control	2051-2052		L1	$ 1,866,370			$ 93,319		$ 1,552,709	$ 77,228,447
9	Inst. Control	2052-2053		L1	$ 1,866,370			$ 93,319		$ 1,544,569	$ 76,813,327
10	Inst. Control	2053-2054		L1, L2	$ 1,887,370			$ 94,369		$ 1,536,267	$ 76,367,855
11	Inst. Control	2054-2055		L1, L3	$ 1,916,370			$ 95,819		$ 1,527,357	$ 75,883,024
12	Inst. Control	2055-2056		L1	$ 1,866,370			$ 93,319		$ 1,517,660	$ 75,440,996
13	Inst. Control	2056-2057		L1	$ 1,866,370			$ 93,319		$ 1,508,820	$ 74,990,127
14	Inst. Control	2057-2058		L1	$ 1,866,370			$ 93,319		$ 1,499,803	$ 74,530,241
15	Inst. Control	2058-2059		L1, L2	$ 1,962,370			$ 98,119		$ 1,490,605	$ 73,960,358
16	Inst. Control	2059-2060		L1, L5	$ 1,992,530			$ 99,627		$ 1,479,207	$ 73,347,408
17	Inst. Control	2060-2061		L1	$ 1,866,370			$ 93,319		$ 1,466,948	$ 72,854,668
18	Inst. Control	2061-2062		L1	$ 1,866,370			$ 93,319		$ 1,457,093	$ 72,352,073
19	Inst. Control	2062-2063		L1	$ 1,866,370			$ 93,319		$ 1,447,041	$ 71,839,426
20	Inst. Control	2063-2064		L1, L2	$ 1,962,370			$ 98,119		$ 1,436,789	$ 71,215,726
21	Inst. Control	2064-2065		L1, L3	$ 1,916,370			$ 95,819		$ 1,424,315	$ 70,627,852
22	Inst. Control	2065-2066		L1	$ 1,866,370			$ 93,319		$ 1,412,557	$ 70,080,720
23	Inst. Control	2066-2067		L1	$ 1,866,370			$ 93,319		$ 1,401,614	$ 69,522,646
24	Inst. Control	2067-2068		L1	$ 1,866,370			$ 93,319		$ 1,390,453	$ 68,953,411
25	Inst. Control	2068-2069		L1, L2, L6	$ 3,162,370			$ 158,119		$ 1,379,068	$ 67,011,990
26	Inst. Control	2069-2070		L1, L4	$ 2,123,370			$ 106,169		$ 1,340,240	$ 66,122,692
27	Inst. Control	2070-2071		L1	$ 1,866,370			$ 93,319		$ 1,322,454	$ 65,485,457
28	Inst. Control	2071-2072		L1	$ 1,866,370			$ 93,319		$ 1,309,709	$ 64,835,478
29	Inst. Control	2072-2073		L1	$ 1,866,370			$ 93,319		$ 1,296,710	$ 64,172,499

Table 12: Extended Care Fund Analysis - Scenario 5
Cost Basis - Non-Annualized, Monitoring and Maintenance Levels Constant, No Remedial Action
Private Sector Approach

Year No.	Period	Year	Phase	Expense Category [1]	FY 2000 $$ Expenses	Monitoring Reduction [2]	FY 2000 $$ Remediation	5% Contingency	Payment to Fund @ $2.80 / cu ft	Interest 2.0%	Fund Balance
30	Inst. Control	2073-2074		L1, L2	$ 1,962,370			$ 98,119		$ 1,283,450	$ 63,395,460
31	Inst. Control	2074-2075		L1, L3	$ 1,916,370			$ 95,819		$ 1,267,909	$ 62,651,181
32	Inst. Control	2075-2076		L1	$ 1,866,370			$ 93,319		$ 1,253,024	$ 61,944,516
33	Inst. Control	2076-2077		L1	$ 1,866,370			$ 93,319		$ 1,238,890	$ 61,223,718
34	Inst. Control	2077-2078		L1	$ 1,866,370			$ 93,319		$ 1,224,474	$ 60,488,504
35	Inst. Control	2078-2079		L1, L2	$ 1,962,370			$ 98,119		$ 1,209,770	$ 59,637,785
36	Inst. Control	2079-2080		L1	$ 1,866,370			$ 93,319		$ 1,192,756	$ 58,870,852
37	Inst. Control	2080-2081		L1	$ 1,866,370			$ 93,319		$ 1,177,417	$ 58,088,581
38	Inst. Control	2081-2082		L1	$ 1,866,370			$ 93,319		$ 1,161,772	$ 57,290,664
39	Inst. Control	2082-2083		L1	$ 1,866,370			$ 93,319		$ 1,145,813	$ 56,476,789
40	Inst. Control	2083-2084		L1, L2	$ 1,962,370			$ 98,119		$ 1,129,536	$ 55,545,836
41	Inst. Control	2084-2085		L1, L3, L5	$ 2,042,530			$ 102,127		$ 1,110,917	$ 54,512,096
42	Inst. Control	2085-2086		L1	$ 1,866,370			$ 93,319		$ 1,090,242	$ 53,642,650
43	Inst. Control	2086-2087		L1	$ 1,866,370			$ 93,319		$ 1,072,853	$ 52,755,814
44	Inst. Control	2087-2088		L1	$ 1,866,370			$ 93,319		$ 1,055,116	$ 51,851,242
45	Inst. Control	2088-2089		L1, L2	$ 1,962,370			$ 98,119		$ 1,037,025	$ 50,827,778
46	Inst. Control	2089-2090		L1, L4	$ 2,123,370			$ 106,169		$ 1,016,556	$ 49,614,795
47	Inst. Control	2090-2091		L1	$ 1,866,370			$ 93,319		$ 992,296	$ 48,647,403
48	Inst. Control	2091-2092		L1	$ 1,866,370			$ 93,319		$ 972,948	$ 47,660,662
49	Inst. Control	2092-2093		L1	$ 1,866,370			$ 93,319		$ 953,213	$ 46,654,187
50	Inst. Control	2093-2094		L1, L2, L6	$ 3,162,370			$ 158,119		$ 933,084	$ 44,266,782
51	Inst. Control	2094-2095		L1, L3	$ 1,916,370			$ 95,819		$ 885,336	$ 43,139,930
52	Inst. Control	2095-2096		L1	$ 1,866,370			$ 93,319		$ 862,799	$ 42,043,040
53	Inst. Control	2096-2097		L1	$ 1,866,370			$ 93,319		$ 840,861	$ 40,924,212
54	Inst. Control	2097-2098		L1	$ 1,866,370			$ 93,319		$ 818,484	$ 39,783,008
55	Inst. Control	2098-2099		L1, L2	$ 1,962,370			$ 98,119		$ 795,660	$ 38,518,179
56	Inst. Control	2099-2100		L1	$ 1,866,370			$ 93,319		$ 770,364	$ 37,328,854
57	Inst. Control	2100-2101		L1	$ 1,866,370			$ 93,319		$ 746,577	$ 36,115,743
58	Inst. Control	2101-2102		L1	$ 1,866,370			$ 93,319		$ 722,315	$ 34,878,369
59	Inst. Control	2102-2103		L1	$ 1,866,370			$ 93,319		$ 697,567	$ 33,616,248
60	Inst. Control	2103-2104		L1, L2	$ 1,962,370			$ 98,119		$ 672,325	$ 32,228,085
61	Inst. Control	2104-2105		L1, L3	$ 1,916,370			$ 95,819		$ 644,562	$ 30,860,458
62	Inst. Control	2105-2106		L1	$ 1,866,370			$ 93,319		$ 617,209	$ 29,517,979
63	Inst. Control	2106-2107		L1	$ 1,866,370			$ 93,319		$ 590,360	$ 28,148,650
64	Inst. Control	2107-2108		L1	$ 1,866,370			$ 93,319		$ 562,973	$ 26,751,934
65	Inst. Control	2108-2109		L1, L2	$ 1,962,370			$ 98,119		$ 535,039	$ 25,226,484

Table 12: Extended Care Fund Analysis - Scenario 5
Cost Basis - Non-Annualized, Monitoring and Maintenance Levels Constant, No Remedial Action
Private Sector Approach

Year No.	Period	Year	Phase	Expense Category [1]	FY 2000 $$ Expenses	Monitoring Reduction [2]	FY 2000 $$ Remediation	5% Contingency	Payment to Fund @ $2.80 / cu ft	Interest 2.0%	Fund Balance
66	Inst. Control	2109-2110		L1, L4, L5	$ 2,249,530			$ 112,477		$ 504,530	$ 23,369,008
67	Inst. Control	2110-2111		L1	$ 1,866,370			$ 93,319		$ 467,380	$ 21,876,699
68	Inst. Control	2111-2112		L1	$ 1,866,370			$ 93,319		$ 437,534	$ 20,354,545
69	Inst. Control	2112-2113		L1	$ 1,866,370			$ 93,319		$ 407,091	$ 18,801,947
70	Inst. Control	2113-2114		L1, L2	$ 1,962,370			$ 98,119		$ 376,039	$ 17,117,498
71	Inst. Control	2114-2115		L1, L3	$ 1,916,370			$ 95,819		$ 342,350	$ 15,447,659
72	Inst. Control	2115-2116		L1	$ 1,866,370			$ 93,319		$ 308,953	$ 13,796,924
73	Inst. Control	2116-2117		L1	$ 1,866,370			$ 93,319		$ 275,938	$ 12,113,174
74	Inst. Control	2117-2118		L1	$ 1,866,370			$ 93,319		$ 242,263	$ 10,395,749
75	Inst. Control	2118-2119		L1, L2	$ 1,962,370			$ 98,119		$ 207,915	$ 8,543,175
76	Inst. Control	2119-2120		L1	$ 1,866,370			$ 93,319		$ 170,864	$ 6,754,350
77	Inst. Control	2120-2121		L1	$ 1,866,370			$ 93,319		$ 135,087	$ 4,929,749
78	Inst. Control	2121-2122		L1	$ 1,866,370			$ 93,319		$ 98,595	$ 3,068,655
79	Inst. Control	2122-2123		L1	$ 1,866,370			$ 93,319		$ 61,373	$ 1,170,340
80	Inst. Control	2123-2124		L1, L2	$ 1,962,370			$ 98,119		$ 23,407	$ (866,742)
81	Inst. Control	2124-2125		L1, L3	$ 1,916,370			$ 95,819		$ -	$ (2,878,931)
82	Inst. Control	2125-2126		L1	$ 1,866,370			$ 93,319		$ -	$ (4,838,619)
83	Inst. Control	2126-2127		L1	$ 1,866,370			$ 93,319		$ -	$ (6,798,308)
84	Inst. Control	2127-2128		L1	$ 1,866,370			$ 93,319		$ -	$ (8,757,996)
85	Inst. Control	2128-2129		L1, L2	$ 1,962,370			$ 98,119		$ -	$ (10,818,485)
86	Inst. Control	2129-2130		L1, L4	$ 2,123,370			$ 106,169		$ -	$ (13,048,023)
87	Inst. Control	2130-2131		L1	$ 1,866,370			$ 93,319		$ -	$ (15,007,712)
88	Inst. Control	2131-2132		L1	$ 1,866,370			$ 93,319		$ -	$ (16,967,400)
89	Inst. Control	2132-2133		L1	$ 1,866,370			$ 93,319		$ -	$ (18,927,089)
90	Inst. Control	2133-2134		L1, L2	$ 1,962,370			$ 98,119		$ -	$ (20,987,577)
91	Inst. Control	2134-2135		L1, L3, L5	$ 2,042,530			$ 102,127		$ -	$ (23,132,234)
92	Inst. Control	2135-2136		L1	$ 1,866,370			$ 93,319		$ -	$ (25,091,922)
93	Inst. Control	2136-2137		L1	$ 1,866,370			$ 93,319		$ -	$ (27,051,611)
94	Inst. Control	2137-2138		L1	$ 1,866,370			$ 93,319		$ -	$ (29,011,299)
95	Inst. Control	2138-2139		L1, L2	$ 1,962,370			$ 98,119		$ -	$ (31,071,788)
96	Inst. Control	2139-2140		L1	$ 1,866,370			$ 93,319		$ -	$ (33,031,476)
97	Inst. Control	2140-2141		L1	$ 1,866,370			$ 93,319		$ -	$ (34,991,165)
98	Inst. Control	2141-2142		L1	$ 1,866,370			$ 93,319		$ -	$ (36,950,853)
99	Inst. Control	2142-2143		L1	$ 1,866,370			$ 93,319		$ -	$ (38,910,542)
100	Inst. Control	2143-2144		L1, L6	$ 3,066,370			$ 153,319		$ -	$ (42,130,230)

Table 12: Extended Care Fund Analysis - Scenario 5
Cost Basis - Non-Annualized, Monitoring and Maintenance Levels Constant, No Remedial Action
Private Sector Approach

Year No.	Period	Year	Phase	Expense Category [1]	FY 2000 $$ Expenses	Monitoring Reduction [2]	FY 2000 $$ Remediation	5% Contingency	Payment to Fund @ $2.80 / cu ft	Interest 2.0%	Fund Balance

Notes:

Current Chem-Nuclear Cost Estimate refers to the estimates provided in the document titled Financial Data for Interim Site Stabilization and *Closure Plan For the Barnwell Low-Level Radioactive Waste Disposal Facility 200 Closure Plan* dated September 2000

[1] See Tables 7 and 8 for Post-Closure (P) and Long-Term (L) Expense Categories

[2] Reductions in maintenance and monitoring costs are 10% after 25 years of institutional control and 25% after 50 years consistent with Chem-Nuclear's assumptions.

[3] Fund Balance as of July 2002 estimated from Fund Balance of 9/30/01 per State Treasurer's balance of 9/30/01 increased by 5.5%.

[4] Excludes Performance Evaluation costs, Site Radiation Survey costs and a $75,000 reduction in Disposal Costs per the Key Design Assumptions, Section IV, of the Chem-Nuclear Financial Data document referenced above. Also excludes $230,000 for third-party liability insurance.

[5] Includes additional $75,000 in Disposal Costs per the Key Design Assumptions, Section VI, of the Chem-Nuclear Financial Data document referenced above, and excludes $230,000 for third-party liability insurance.

[6] Performance Assessment and Site Radiation Survey conducted. Next Performance Assessment and Site Radiation Survey at 25, 50 and 100 year events per cost worksheet page 8 of the Chem-Nuclear Financial Data document referenced above.

Prepared By/Date: _____ / _____
Checked By/Date: _____ / _____

Table 13: Extended Care Fund Analysis - Scenario 6
Cost Basis - Non-Annualized, Reduction in Monitoring and Maintenance Levels, Remedial Action
Private Sector Approach

Year No.	Period	Year	Phase	Expense Category [1]	FY 2000 $$ Expenses	Monitoring Reduction [2]	FY 2000 $$ Remediation	5% Contingency	Payment to Fund @ $2.80 / cu ft	Interest 2.0%	Fund Balance
	Current Operating	2001-2002							Beginning Fund Balance as of July 2002 [3]		$ 72,534,232
	Current Operating	2002-2003							$ 196,000	$ 1,450,685	$ 74,180,917
	Current Operating	2003-2004							$ 168,000	$ 1,483,618	$ 75,832,535
	Current Operating	2004-2005							$ 140,000	$ 1,516,651	$ 77,489,186
	Current Operating	2005-2006							$ 126,000	$ 1,549,784	$ 79,164,969
	Current Operating	2006-2007							$ 112,000	$ 1,583,299	$ 80,860,269
	Current Operating	2007-2008							$ 98,000	$ 1,617,205	$ 82,575,474
	In-region	2008-2009	Phase I Closure						$ 22,400	$ 1,651,509	$ 84,249,384
	In-region	2009-2010	Phase I Closure						$ 22,400	$ 1,684,988	$ 85,956,771
	In-region	2010-2011	Phase I Post-Closure	PI	$ 1,950,020			$ 97,501	$ 22,400	$ 1,719,135	$ 85,650,786
	In-region	2011-2012	Phase I Post-Closure	PI	$ 1,950,020			$ 97,501	$ 22,400	$ 1,713,016	$ 85,338,680
	In-region	2012-2013	Phase I Post-Closure	PI	$ 1,950,020			$ 97,501	$ 22,400	$ 1,706,774	$ 85,020,333
	In-region	2013-2014	Phase I Post-Closure	PI	$ 1,950,020			$ 97,501	$ 22,400	$ 1,700,407	$ 84,695,619
	In-region	2014-2015	Phase I Post-Closure	PI, P2 & P6	$ 3,180,020			$ 159,001	$ 22,400	$ 1,693,912	$ 83,072,910
	In-region	2015-2016	Long Term Care Level [4]	L1	$ 1,561,370			$ 78,069	$ 22,400	$ 1,661,458	$ 83,117,330
	In-region	2016-2017	Long Term Care Level	L1	$ 1,561,370			$ 78,069	$ 22,400	$ 1,662,347	$ 83,162,638
	In-region	2017-2018	Long Term Care Level	L1	$ 1,561,370			$ 78,069	$ 22,400	$ 1,663,253	$ 83,208,852
	In-region	2018-2019	Long Term Care Level	L1	$ 1,561,370			$ 78,069	$ 22,400	$ 1,664,177	$ 83,255,991
	In-region	2019-2020	Long Term Care Level	L1, L2	$ 1,657,370			$ 82,869	$ 22,400	$ 1,665,120	$ 83,203,272
	In-region	2020-2021	Long Term Care Level	L1	$ 1,561,370			$ 78,069	$ 22,400	$ 1,664,065	$ 83,250,299
	In-region	2021-2022	Long Term Care Level	L1	$ 1,561,370			$ 78,069	$ 22,400	$ 1,665,006	$ 83,298,266
	In-region	2022-2023	Long Term Care Level	L1	$ 1,561,370			$ 78,069	$ 22,400	$ 1,665,965	$ 83,347,193
	In-region	2023-2024	Long Term Care Level	L1	$ 1,561,370			$ 78,069	$ 22,400	$ 1,666,944	$ 83,397,099
	In-region	2024-2025	Long Term Care Level	L1, L2, L3	$ 1,707,370			$ 85,369	$ 22,400	$ 1,667,942	$ 83,294,702
	In-region	2025-2026	Long Term Care Level	L1	$ 1,561,370			$ 78,069	$ 22,400	$ 1,665,894	$ 83,343,558
	In-region	2026-2027	Long Term Care Level	L1	$ 1,561,370			$ 78,069	$ 22,400	$ 1,666,871	$ 83,393,390
	In-region	2027-2028	Long Term Care Level	L1	$ 1,561,370			$ 78,069	$ 22,400	$ 1,667,868	$ 83,444,220
	In-region	2028-2029	Long Term Care Level	L1	$ 1,561,370			$ 78,069	$ 22,400	$ 1,668,884	$ 83,496,065
	In-region	2029-2030	Long Term Care Level	L1, L2, L4	$ 1,914,370			$ 95,719	$ 22,400	$ 1,669,921	$ 83,178,298
	In-region	2030-2031	Long Term Care Level	L1	$ 1,561,370			$ 78,069	$ 22,400	$ 1,663,566	$ 83,224,826
	In-region	2031-2032	Long Term Care Level	L1	$ 1,561,370			$ 78,069	$ 22,400	$ 1,664,497	$ 83,272,284
	In-region	2032-2033	Long Term Care Level	L1	$ 1,561,370			$ 78,069	$ 22,400	$ 1,665,446	$ 83,320,691
	In-region	2033-2034	Long Term Care Level	L1	$ 1,561,370			$ 78,069	$ 22,400	$ 1,666,414	$ 83,370,066
	In-region	2034-2035	Long Term Care Level	L1, L2, L3, L5	$ 1,833,530			$ 91,677	$ 22,400	$ 1,667,401	$ 83,134,661
	In-region	2035-2036	Long Term Care Level	L1	$ 1,561,370			$ 78,069	$ 22,400	$ 1,662,693	$ 83,180,316
	In-region	2036-2037	Long Term Care Level	L1	$ 1,561,370			$ 78,069	$ 22,400	$ 1,663,606	$ 83,226,884

Table 13: Extended Care Fund Analysis - Scenario 6
Cost Basis - Non-Annualized, Reduction in Monitoring and Maintenance Levels, Remedial Action
Private Sector Approach

Year No.	Period	Year	Phase	Expense Category [1]	FY 2000 $$ Expenses	Monitoring Reduction [2]	FY 2000 $$ Remediation	5% Contingency	Payment to Fund @ $2.80 / cu ft	Interest 2.0%	Fund Balance
	In-region	2037-2038	Long Term Care Level	L1	$ 1,561,370			$ 78,069	$ 22,400	$ 1,664,538	$ 83,274,383
	In-region	2038-2039	Phase II Closure	P1, P2	$ 1,750,020			$ 87,501		$ 1,665,488	$ 83,102,349
		2039-2040	Phase II Post-Closure [5]	P1	$ 1,795,020			$ 89,751		$ 1,662,047	$ 82,879,625
		2040-2041	Phase II Post-Closure	P1	$ 1,795,020			$ 89,751		$ 1,657,593	$ 82,652,447
		2041-2042	Phase II Post-Closure	P1	$ 1,795,020			$ 89,751		$ 1,653,049	$ 82,420,725
		2042-2043	Phase II Post-Closure	P1	$ 1,795,020			$ 89,751		$ 1,648,414	$ 82,184,368
		2043-2044	Phase II Post-Closure	P1, P2, P6 [6]	$ 3,025,020			$ 151,251		$ 1,643,687	$ 80,651,785
1	Inst. Control	2044-2045	100 Yr. Inst. Control	L1, L3	$ 1,916,370		$ 1,000,000	$ 145,819		$ 1,613,036	$ 79,202,632
2	Inst. Control	2045-2046		L1	$ 1,866,370		$ 500,000	$ 118,319		$ 1,584,053	$ 78,301,996
3	Inst. Control	2046-2047		L1	$ 1,866,370		$ 500,000	$ 118,319		$ 1,566,040	$ 77,383,348
4	Inst. Control	2047-2048		L1	$ 1,866,370		$ 500,000	$ 118,319		$ 1,547,667	$ 76,446,326
5	Inst. Control	2048-2049		L1, L2	$ 1,962,370		$ 500,000	$ 123,119		$ 1,528,927	$ 75,389,764
6	Inst. Control	2049-2050		L1, L4	$ 2,123,370		$ 500,000	$ 131,169		$ 1,507,795	$ 74,143,021
7	Inst. Control	2050-2051		L1	$ 1,866,370		$ 500,000	$ 118,319		$ 1,482,860	$ 73,141,193
8	Inst. Control	2051-2052		L1	$ 1,866,370		$ 500,000	$ 118,319		$ 1,462,824	$ 72,119,328
9	Inst. Control	2052-2053		L1	$ 1,866,370		$ 500,000	$ 118,319		$ 1,442,387	$ 71,077,026
10	Inst. Control	2053-2054		L1, L2	$ 1,887,370		$ 500,000	$ 119,369		$ 1,421,541	$ 69,991,828
11	Inst. Control	2054-2055		L1, L3	$ 1,916,370		$ 500,000	$ 120,819		$ 1,399,837	$ 68,854,476
12	Inst. Control	2055-2056		L1	$ 1,866,370		$ 500,000	$ 118,319		$ 1,377,090	$ 67,746,877
13	Inst. Control	2056-2057		L1	$ 1,866,370		$ 500,000	$ 118,319		$ 1,354,938	$ 66,617,126
14	Inst. Control	2057-2058		L1	$ 1,866,370		$ 500,000	$ 118,319		$ 1,332,343	$ 65,464,780
15	Inst. Control	2058-2059		L1, L2	$ 1,962,370		$ 500,000	$ 123,119		$ 1,309,296	$ 64,188,587
16	Inst. Control	2059-2060		L1, L5	$ 1,992,530		$ 500,000	$ 124,627		$ 1,283,772	$ 62,855,203
17	Inst. Control	2060-2061		L1	$ 1,866,370		$ 500,000	$ 118,319		$ 1,257,104	$ 61,627,618
18	Inst. Control	2061-2062		L1	$ 1,866,370		$ 500,000	$ 118,319		$ 1,232,552	$ 60,375,482
19	Inst. Control	2062-2063		L1	$ 1,866,370		$ 500,000	$ 118,319		$ 1,207,510	$ 59,098,303
20	Inst. Control	2063-2064		L1, L2	$ 1,962,370			$ 98,119		$ 1,181,966	$ 58,219,781
21	Inst. Control	2064-2065		L1, L3	$ 1,916,370			$ 95,819		$ 1,164,396	$ 57,371,988
22	Inst. Control	2065-2066		L1	$ 1,866,370			$ 93,319		$ 1,147,440	$ 56,559,739
23	Inst. Control	2066-2067		L1	$ 1,866,370			$ 93,319		$ 1,131,195	$ 55,731,245
24	Inst. Control	2067-2068		L1	$ 1,866,370			$ 93,319		$ 1,114,625	$ 54,886,182
25	Inst. Control	2068-2069		L1, L2, L6	$ 3,162,370			$ 158,119		$ 1,097,724	$ 52,663,417
26	Inst. Control	2069-2070		L1, L4	$ 2,123,370	$ (100,791)		$ 101,129		$ 1,053,268	$ 51,592,977
27	Inst. Control	2070-2071		L1	$ 1,866,370	$ (100,791)		$ 88,279		$ 1,031,860	$ 50,770,979
28	Inst. Control	2071-2072		L1	$ 1,866,370	$ (100,791)		$ 88,279		$ 1,015,420	$ 49,932,541
29	Inst. Control	2072-2073		L1	$ 1,866,370	$ (100,791)		$ 88,279		$ 998,651	$ 49,077,333

Table 13: Extended Care Fund Analysis - Scenario 6
Cost Basis - Non-Annualized, Reduction in Monitoring and Maintenance Levels, Remedial Action
Private Sector Approach

Year No.	Period	Year	Phase	Expense Category [1]	FY 2000 $$ Expenses	Monitoring Reduction [2]	FY 2000 $$ Remediation	5% Contingency	Payment to Fund @ $2.80 / cu ft	Interest 2.0%	Fund Balance
30	Inst. Control	2073-2074		L1, L2	$ 1,962,370	$ (100,791)		$ 93,079		$ 981,547	$ 48,104,222
31	Inst. Control	2074-2075		L1, L3	$ 1,916,370	$ (100,791)		$ 90,779		$ 962,084	$ 47,159,949
32	Inst. Control	2075-2076		L1	$ 1,866,370	$ (100,791)		$ 88,279		$ 943,199	$ 46,249,290
33	Inst. Control	2076-2077		L1	$ 1,866,370	$ (100,791)		$ 88,279		$ 924,986	$ 45,320,417
34	Inst. Control	2077-2078		L1	$ 1,866,370	$ (100,791)		$ 88,279		$ 906,408	$ 44,372,968
35	Inst. Control	2078-2079		L1, L2	$ 1,962,370	$ (100,791)		$ 93,079		$ 887,459	$ 43,305,769
36	Inst. Control	2079-2080		L1	$ 1,866,370	$ (100,791)		$ 88,279		$ 866,115	$ 42,318,027
37	Inst. Control	2080-2081		L1	$ 1,866,370	$ (100,791)		$ 88,279		$ 846,361	$ 41,310,529
38	Inst. Control	2081-2082		L1	$ 1,866,370	$ (100,791)		$ 88,279		$ 826,211	$ 40,282,882
39	Inst. Control	2082-2083		L1	$ 1,866,370	$ (100,791)		$ 88,279		$ 805,658	$ 39,234,682
40	Inst. Control	2083-2084		L1, L2	$ 1,962,370	$ (100,791)		$ 93,079		$ 784,694	$ 38,064,717
41	Inst. Control	2084-2085		L1, L3, L5	$ 2,042,530	$ (100,791)		$ 97,087		$ 761,294	$ 36,787,186
42	Inst. Control	2085-2086		L1	$ 1,866,370	$ (100,791)		$ 88,279		$ 735,744	$ 35,669,071
43	Inst. Control	2086-2087		L1	$ 1,866,370	$ (100,791)		$ 88,279		$ 713,381	$ 34,528,595
44	Inst. Control	2087-2088		L1	$ 1,866,370	$ (100,791)		$ 88,279		$ 690,572	$ 33,365,309
45	Inst. Control	2088-2089		L1, L2	$ 1,962,370	$ (100,791)		$ 93,079		$ 667,306	$ 32,077,957
46	Inst. Control	2089-2090		L1, L4	$ 2,123,370	$ (100,791)		$ 101,129		$ 641,559	$ 30,595,808
47	Inst. Control	2090-2091		L1	$ 1,866,370	$ (100,791)		$ 88,279		$ 611,916	$ 29,353,867
48	Inst. Control	2091-2092		L1	$ 1,866,370	$ (100,791)		$ 88,279		$ 587,077	$ 28,087,086
49	Inst. Control	2092-2093		L1	$ 1,866,370	$ (100,791)		$ 88,279		$ 561,742	$ 26,794,970
50	Inst. Control	2093-2094		L1, L2, L6	$ 3,162,370	$ (226,581)		$ 146,789		$ 535,899	$ 24,248,291
51	Inst. Control	2094-2095		L1, L3	$ 1,916,370	$ (226,581)		$ 84,489		$ 484,966	$ 22,958,978
52	Inst. Control	2095-2096		L1	$ 1,866,370	$ (226,581)		$ 81,989		$ 459,180	$ 21,696,379
53	Inst. Control	2096-2097		L1	$ 1,866,370	$ (226,581)		$ 81,989		$ 433,928	$ 20,408,528
54	Inst. Control	2097-2098		L1	$ 1,866,370	$ (226,581)		$ 81,989		$ 408,171	$ 19,094,920
55	Inst. Control	2098-2099		L1, L2	$ 1,962,370	$ (226,581)		$ 86,789		$ 381,898	$ 17,654,240
56	Inst. Control	2099-2100		L1	$ 1,866,370	$ (226,581)		$ 81,989		$ 353,085	$ 16,285,547
57	Inst. Control	2100-2101		L1	$ 1,866,370	$ (226,581)		$ 81,989		$ 325,711	$ 14,889,479
58	Inst. Control	2101-2102		L1	$ 1,866,370	$ (226,581)		$ 81,989		$ 297,790	$ 13,465,490
59	Inst. Control	2102-2103		L1	$ 1,866,370	$ (226,581)		$ 81,989		$ 269,310	$ 12,013,022
60	Inst. Control	2103-2104		L1, L2	$ 1,962,370	$ (226,581)		$ 86,789		$ 240,260	$ 10,430,704
61	Inst. Control	2104-2105		L1, L3	$ 1,916,370	$ (226,581)		$ 84,489		$ 208,614	$ 8,865,039
62	Inst. Control	2105-2106		L1	$ 1,866,370	$ (226,581)		$ 81,989		$ 177,301	$ 7,320,562
63	Inst. Control	2106-2107		L1	$ 1,866,370	$ (226,581)		$ 81,989		$ 146,411	$ 5,745,194
64	Inst. Control	2107-2108		L1	$ 1,866,370	$ (226,581)		$ 81,989		$ 114,904	$ 4,138,320
65	Inst. Control	2108-2109		L1, L2	$ 1,962,370	$ (226,581)		$ 86,789		$ 82,766	$ 2,398,508

Table 13: Extended Care Fund Analysis - Scenario 6
Cost Basis - Non-Annualized, Reduction in Monitoring and Maintenance Levels, Remedial Action
Private Sector Approach

Year No.	Period	Year	Phase	Expense Category [1]	FY 2000 $$ Expenses	Monitoring Reduction [2]	FY 2000 $$ Remediation	5% Contingency	Payment to Fund @ $2.80 / cu ft	Interest 2.0%	Fund Balance
66	Inst. Control	2109-2110		L1, L4, L5	$ 2,249,530	$ (226,581)		$ 101,147		$ 47,970	$ 322,381
67	Inst. Control	2110-2111		L1	$ 1,866,370	$ (226,581)		$ 81,989		$ 6,448	$ (1,392,949)
68	Inst. Control	2111-2112		L1	$ 1,866,370	$ (226,581)		$ 81,989		$ -	$ (3,114,728)
69	Inst. Control	2112-2113		L1	$ 1,866,370	$ (226,581)		$ 81,989		$ -	$ (4,836,506)
70	Inst. Control	2113-2114		L1, L2	$ 1,962,370	$ (226,581)		$ 86,789		$ -	$ (6,659,085)
71	Inst. Control	2114-2115		L1, L3	$ 1,916,370	$ (226,581)		$ 84,489		$ -	$ (8,433,363)
72	Inst. Control	2115-2116		L1	$ 1,866,370	$ (226,581)		$ 81,989		$ -	$ (10,155,142)
73	Inst. Control	2116-2117		L1	$ 1,866,370	$ (226,581)		$ 81,989		$ -	$ (11,876,920)
74	Inst. Control	2117-2118		L1	$ 1,866,370	$ (226,581)		$ 81,989		$ -	$ (13,598,699)
75	Inst. Control	2118-2119		L1, L2	$ 1,962,370	$ (226,581)		$ 86,789		$ -	$ (15,421,277)
76	Inst. Control	2119-2120		L1	$ 1,866,370	$ (226,581)		$ 81,989		$ -	$ (17,143,055)
77	Inst. Control	2120-2121		L1	$ 1,866,370	$ (226,581)		$ 81,989		$ -	$ (18,864,834)
78	Inst. Control	2121-2122		L1	$ 1,866,370	$ (226,581)		$ 81,989		$ -	$ (20,586,612)
79	Inst. Control	2122-2123		L1	$ 1,866,370	$ (226,581)		$ 81,989		$ -	$ (22,308,391)
80	Inst. Control	2123-2124		L1, L2	$ 1,962,370	$ (226,581)		$ 86,789		$ -	$ (24,130,969)
81	Inst. Control	2124-2125		L1, L3	$ 1,916,370	$ (226,581)		$ 84,489		$ -	$ (25,905,248)
82	Inst. Control	2125-2126		L1	$ 1,866,370	$ (226,581)		$ 81,989		$ -	$ (27,627,026)
83	Inst. Control	2126-2127		L1	$ 1,866,370	$ (226,581)		$ 81,989		$ -	$ (29,348,805)
84	Inst. Control	2127-2128		L1	$ 1,866,370	$ (226,581)		$ 81,989		$ -	$ (31,070,583)
85	Inst. Control	2128-2129		L1, L2	$ 1,962,370	$ (226,581)		$ 86,789		$ -	$ (32,893,161)
86	Inst. Control	2129-2130		L1, L4	$ 2,123,370	$ (226,581)		$ 94,839		$ -	$ (34,884,790)
87	Inst. Control	2130-2131		L1	$ 1,866,370	$ (226,581)		$ 81,989		$ -	$ (36,606,568)
88	Inst. Control	2131-2132		L1	$ 1,866,370	$ (226,581)		$ 81,989		$ -	$ (38,328,347)
89	Inst. Control	2132-2133		L1	$ 1,866,370	$ (226,581)		$ 81,989		$ -	$ (40,050,125)
90	Inst. Control	2133-2134		L1, L2	$ 1,962,370	$ (226,581)		$ 86,789		$ -	$ (41,872,704)
91	Inst. Control	2134-2135		L1, L3, L5	$ 2,042,530	$ (226,581)		$ 90,797		$ -	$ (43,779,450)
92	Inst. Control	2135-2136		L1	$ 1,866,370	$ (226,581)		$ 81,989		$ -	$ (45,501,229)
93	Inst. Control	2136-2137		L1	$ 1,866,370	$ (226,581)		$ 81,989		$ -	$ (47,223,007)
94	Inst. Control	2137-2138		L1	$ 1,866,370	$ (226,581)		$ 81,989		$ -	$ (48,944,786)
95	Inst. Control	2138-2139		L1, L2	$ 1,962,370	$ (226,581)		$ 86,789		$ -	$ (50,767,364)
96	Inst. Control	2139-2140		L1	$ 1,866,370	$ (226,581)		$ 81,989		$ -	$ (52,489,142)
97	Inst. Control	2140-2141		L1	$ 1,866,370	$ (226,581)		$ 81,989		$ -	$ (54,210,921)
98	Inst. Control	2141-2142		L1	$ 1,866,370	$ (226,581)		$ 81,989		$ -	$ (55,932,699)
99	Inst. Control	2142-2143		L1	$ 1,866,370	$ (226,581)		$ 81,989		$ -	$ (57,654,478)
100	Inst. Control	2143-2144		L1, L6	$ 3,066,370	$ (226,581)		$ 141,989		$ -	$ (60,636,256)

Table 13: Extended Care Fund Analysis - Scenario 6
Cost Basis - Non-Annualized, Reduction in Monitoring and Maintenance Levels, Remedial Action
Private Sector Approach

Year No.	Period	Year	Phase	Expense Category [1]	FY 2000 $$ Expenses	Monitoring Reduction [2]	FY 2000 $$ Remediation	5% Contingency	Payment to Fund @ $2.80 / cu ft	Interest 2.0%	Fund Balance

Notes:

Current Chem-Nuclear Cost Estimate refers to the estimates provided in the document titled Financial Data for Interim Site Stabilization and *Closure Plan For the Barnwell Low-Level Radioactive Waste Disposal Facility 200 Closure Plan* dated September 2000

[1] See Tables 7 and 8 for Post-Closure (P) and Long-Term (L) Expense Categories

[2] Reductions in maintenance and monitoring costs are 10% after 25 years of institutional control and 25% after 50 years consistent with Chem-Nuclear's assumptions.

[3] Fund Balance as of July 2002 estimated from Fund Balance of 9/30/01 per State Treasurer's balance of 9/30/01 increased by 5.5%.

[4] Excludes Performance Evaluation costs, Site Radiation Survey costs and a $75,000 reduction in Disposal Costs per the Key Design Assumptions, Section IV, of the Chem-Nuclear Financial Data document referenced above. Also excludes $230,000 for third-party liability insurance.

[5] Includes additional $75,000 in Disposal Costs per the Key Design Assumptions, Section VI, of the Chem-Nuclear Financial Data document referenced above, and excludes $230,000 for third-party liability insurance.

[6] Performance Assessment and Site Radiation Survey conducted. Next Performance Assessment and Site Radiation Survey at 25, 50 and 100 year events per cost worksheet page 8 of the Chem-Nuclear Financial Data document referenced above.

Prepared By/Date: _____ / _____
Checked By/Date: _____ / _____

Table 14: Currently Planned Extended Care Fund Cost Elements - Potential Cost Reduction Scenarios

Performance Objective	Task	Funding Source
a.	Waste Disposal Operating Costs	Waste Receipts
b.	Phase I Closure D&D	Decommissioning Trust Fund
b.	Phase II Closure D&D	Extended Care Fund
b.	Facility Maintenance	Extended Care Fund
c.	Phase I Post Closure Observation	Extended Care Fund
c.	Phase II Post Closure Observation	Extended Care Fund
d.	Phase I Site Radiation Surveys	Decommissioning Trust Fund
e.	Phase I Closure Performance Objectives Assessment	Decommissioning Trust Fund
e.	Phase II Closure Performance Objectives Assessment	Extended Care Fund
f.	Site Final Grading and Contouring	Decommissioning Trust Fund
g.	Site Monitoring Program	Extended Care Fund
h.	Phase I Closure Enhanced Capping	Decommissioning Trust Fund
h.	West Storm Water Basin	Decommissioning Trust Fund
h.	Phase II Closure Enhanced Capping	Extended Care Trust Fund
h.	South Storm Water Basin	Extended Care Trust Fund
i.	Phase I Closure Permanent Trench Markers	Decommissioning Trust Fund
i.	Phase I Closure Land Surveys	Decommissioning Trust Fund
i.	Phase II Closure Permanent Trench Markers	Extended Care Fund
i.	Post Phase I Closure Land Surveys	Extended Care Fund
j.	Routine monitoring and trench design and construction data	Waste receipts
j.	Records transfer during Phase I Closure	Decommissioning Trust Fund
j.	Records transfer during Phase II Closure	Extended Care Fund
k.	Fence and Boundary Relocation	Extended Care Fund
l.	Fence Upkeep and Maintenance Post Phase I Closure	Extended Care Fund
m.	Well Abandonment	Decommissioning Trust Fund
n.	Phase I Closure Enhanced Capping	Decommissioning Trust Fund
n.	Phase II Closure Enhanced Capping	Extended Care Trust Fund
o.	Site Final Grading and Contouring	Decommissioning Trust Fund
o.	Phase I Closure Enhanced Capping	Decommissioning Trust Fund
o.	Phase II Closure Enhanced Capping	Extended Care Trust Fund
p.	Corporate support as a part time function, post Phase I Closure	Extended Care Fund

Notes:

Refer to Section 4.4.2 for discussion of the Performance Objectives.

Prepared By/Date: _____ / _____
Checked By/Date: _____ / _____

Table 15: Post-Closure Expense Categories - Public Sector Approach - With Potential Cost Reductions

Expense Item	Cost	CNS Financial Report Page [1]

Recurring Yearly Expenses - Expense Category P1
(Cost breakdowns shown when provided in Chem-Nuclear Financial Report)

Labor (Long-Term Care Staff) $ 280,800.00 — 1

Item	No.	Units	Rate	Units		Total
1 Supervisor	2080	hours	$40	/hour	$	83,200.00
3 Technicians[2]	5200	hours	$30	/hour	$	156,000.00
1 Clerical	2080	hours	$20	/hour	$	41,600.00
						==========
				Total Long-Term Care Staff	$	280,800.00

Corporate Support / Supplies $ 45,568.00 — 10

Item	No.	Units	Rate	Units		Total
Senior Executive/VP	208	hours	$71	/hour	$	14,768.00
Manager/Professional	520	hours	$40	/hour	$	20,800.00
General Supplies	1		$10,000	/year	$	10,000.00
						==========
				Total Corporate Support / Supplies	$	45,568.00

Site Monitoring - Rad and Norad Sample Analysis $ 442,746.00 — 6

Item	No.	Units	Rate	Units		Total
Sample Analysis[3]	1	total	$429,946	/year	$	429,946.00
Watera Pump	1	total	$800	/year	$	800.00
Supplies	1	total	$12,000	/year	$	12,000.00
						==========
				Total Site Monitoring	$	442,746.00

Facility Operation Costs $ 142,268.00 — 7

Item	No.	Units	Rate	Units		Total
Utilities	1	total	$50,000	/year	$	50,000.00
Property Taxes	1	total	$69,060	/year	$	69,060.00
Property Insurance	1	total	$23,208	/year	$	23,208.00
						==========
				Total Facility Operation Costs	$	142,268.00

Building and Equipment Maintenance (Site Maintenance)		$ 80,000.00	2
Radwaste Transport and Disposal (Waste Disposal)		$ 72,400.00	13
DHEC Oversight		$ 675,000.00	8
		==========	
	Subtotal	$ 1,738,782.00	
Fee (See Key Table Notes)	0%	$ -	
		==========	
Total Recurring Yearly Expenses		$ 1,738,782.00	

Continued on Next Page

Table 15: Post-Closure Expense Categories - Public Sector Approach - With Potential Cost Reductions

Expense Item		Cost	CNS Financial Report Page [1]
Recurring Five (5) Year Expenses - Expense Category P2			
Enhanced Cap Liner Repair	$	15,000	2
Aerial Land Survey	$	15,000	8
		==========	
Total Recurring 5-Year Expenses	$	30,000	
Single Events - Expense Category P6			
Site Radiation Survey	$	200,000	8
Performance Assessment Evaluation (See Key Tables Notes)	$	1,000,000	8
		==========	
Total Single Events	$	1,200,000	

Notes:

[1] From the Chem-Nuclear cost worksheets provided in the document titled *Financial Data for Interim Site Stabilization and Closure Plan For the Barnwell Low-Level Radioactive Waste Disposal Facility 2000 Closure Plan* dated September 2000

[2] Assumes that one technician position will be part time (20 hours per week).

[3] Analytical costs are based on laboratory rate quotes for non-radiological analyses obtained by Bradburne, Briller & Johnson, LLC.

Prepared By/Date: _____ / _____

Checked By/Date: _____ / _____

Table 16: Long-Term Care Expense Categories - Public Sector Approach With Potential Cost Reductions

Expense Item	Cost	CNS Financial Report Page [1]

Recurring Yearly Expenses - Expense Category L1
(Cost breakdowns shown when provided in Chem-Nuclear Financial Report)

Labor (Long-Term Care Staff) — $ 280,800.00 — 1

Item	No.	Units	Rate	Units		Total
1 Supervisor	2080	hours	$40	/hour	$	83,200.00
3 Technicians[2]	5200	hours	$30	/hour	$	156,000.00
1 Clerical	2080	hours	$20	/hour	$	41,600.00
				Total Long-Term Care Staff	$	280,800.00

Corporate Support / Supplies — $ 45,568.00 — 11

Item	No.	Units	Rate	Units		Total
Senior Executive/VP	208	hours	$71	/hour	$	14,768.00
Manager/Professional	520	hours	$40	/hour	$	20,800.00
General Supplies	1		$10,000	/year	$	10,000.00
				Total Corporate Support / Supplies	$	45,568.00

Site Monitoring - Rad and Norad Sample Analysis — $ 442,746.00 — 6

Item	No.	Units	Rate	Units		Total
Sample Analysis[3]	1	total	$429,946	/year	$	429,946.00
Watera Pump	1	total	$800	/year	$	800.00
Supplies	1	total	$12,000	/year	$	12,000.00
				Total Site Monitoring	$	442,746.00

Facility Operation Costs — $ 372,268.00 — 7

Item	No.	Units	Rate	Units		Total
Utilities	1	total	$50,000	/year	$	50,000.00
Property Taxes	1	total	$69,060	/year	$	69,060.00
Property Insurance	1	total	$23,208	/year	$	23,208.00
Third-Party Liability Ins	1	total	$230,000	/year	$	230,000.00
				Total Facility Operation Costs	$	372,268.00

Building and Equipment Maintenance (Site Maintenance)		$ 80,000.00	3
Radwaste Transport and Disposal (Waste Disposal)		$ 147,400.00	12
DHEC Oversight		$ 275,100.00	9
	Subtotal	$ 1,643,882.00	
Fee (See Key Table Notes)	0%	$ -	
Total Recurring Yearly Expenses		$ 1,643,882.00	

Continued on Next Page

Table 16: Long-Term Care Expense Categories - Public Sector Approach With Potential Cost Reductions

Expense Item		Cost	CNS Financial Report Page [1]
Recurring Five (5) Year Expenses - Expense Category L2			
Enhanced Cap Liner Repair	$	75,000	3
Aerial Land Survey	$	15,000	8
Mower Purchase	$	4,000	4
Spreader Purchase	$	2,000	4
		==========	
Total Recurring 5-Year Expenses	$	96,000	
Recurring Ten (10) Year Expenses - Expense Category L3			
Pickup Truck Purchase	$	25,000	4
Farm Tractor Purchase	$	25,000	4
		==========	
Total Recurring 10-Year Expenses	$	50,000	
Recurring Twenty (20) Year Expenses - Expense Category L4			
Backhoe Loader	$	57,000	4
Motor Grader	$	200,000	4
		==========	
Total Recurring 20-Year Expenses	$	257,000	
Recurring Twenty-Five (25) Year Expenses - Expense Category L5			
Fence Replacement	$	126,160	4
		==========	
Total Recurring 25-Year Expenses	$	126,160	
Recurring Expenses 25, 50 and 100-Year Events - Expense Category L6			
Site Radiation Survey	$	200,000	8
Performance Assessment Evaluation (See Key Tables Notes)	$	1,000,000	8
		==========	
Total	$	1,200,000	

Notes:

[1] From the Chem-Nuclear cost worksheets provided in the document titled *Financial Data for Interim Site Stabilization and Closure Plan For the Barnwell Low-Level Radioactive Waste Disposal Facility 2000 Closure Plan* dated September 2000

[2] Assumes that one technician position will be part time (20 hours per week).

[3] Analytical costs are based on laboratory rate quotes for non-radiological analyses obtained by Bradburne, Briller & Johnson, LLC.

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Table 17: Extended Care Fund Analysis - Scenario 1 - With Potential Cost Reductions
Cost Basis - Non-Annualized, Reduction in Monitoring and Maintenance Levels
Public Sector Approach

Year No.	Period	Year	Phase	Expense Category [1]	FY 2000 $$ Expenses	Monitoring Reduction [2]	FY 2000 $$ Remediation	5% Contingency	Payment to Fund @ $2.80 / cu ft	Interest 2.0%	Fund Balance
	Current Operating	2001-2002							Beginning Fund Balance as of July 2002 [3]		$ 72,534,232
	Current Operating	2002-2003							$ 196,000	$ 1,450,685	$ 74,180,917
	Current Operating	2003-2004							$ 168,000	$ 1,483,618	$ 75,832,535
	Current Operating	2004-2005							$ 140,000	$ 1,516,651	$ 77,489,186
	Current Operating	2005-2006							$ 126,000	$ 1,549,784	$ 79,164,969
	Current Operating	2006-2007							$ 112,000	$ 1,583,299	$ 80,860,269
	Current Operating	2007-2008							$ 98,000	$ 1,617,205	$ 82,575,474
	In-region	2008-2009	Phase I Closure						$ 22,400	$ 1,651,509	$ 84,249,384
	In-region	2009-2010	Phase I Closure						$ 22,400	$ 1,684,988	$ 85,956,771
	In-region	2010-2011	Phase I Post-Closure	PI	$ 1,738,782			$ 86,939	$ 22,400	$ 1,719,135	$ 85,872,586
	In-region	2011-2012	Phase I Post-Closure	PI	$ 1,738,782			$ 86,939	$ 22,400	$ 1,717,452	$ 85,786,716
	In-region	2012-2013	Phase I Post-Closure	PI	$ 1,738,782			$ 86,939	$ 22,400	$ 1,715,734	$ 85,699,129
	In-region	2013-2014	Phase I Post-Closure	PI	$ 1,738,782			$ 86,939	$ 22,400	$ 1,713,983	$ 85,609,791
	In-region	2014-2015	Phase I Post-Closure	PI, P2 & P6	$ 2,968,782			$ 148,439	$ 22,400	$ 1,712,196	$ 84,227,166
	In-region	2015-2016	Long Term Care Level [4]	L1	$ 1,545,882			$ 77,294	$ 22,400	$ 1,684,543	$ 84,310,933
	In-region	2016-2017	Long Term Care Level	L1	$ 1,545,882			$ 77,294	$ 22,400	$ 1,686,219	$ 84,396,375
	In-region	2017-2018	Long Term Care Level	L1	$ 1,545,882			$ 77,294	$ 22,400	$ 1,687,928	$ 84,483,527
	In-region	2018-2019	Long Term Care Level	L1	$ 1,545,882			$ 77,294	$ 22,400	$ 1,689,671	$ 84,572,421
	In-region	2019-2020	Long Term Care Level	L1, L2	$ 1,641,882			$ 82,094	$ 22,400	$ 1,691,448	$ 84,562,294
	In-region	2020-2021	Long Term Care Level	L1	$ 1,545,882			$ 77,294	$ 22,400	$ 1,691,246	$ 84,652,763
	In-region	2021-2022	Long Term Care Level	L1	$ 1,545,882			$ 77,294	$ 22,400	$ 1,693,055	$ 84,745,043
	In-region	2022-2023	Long Term Care Level	L1	$ 1,545,882			$ 77,294	$ 22,400	$ 1,694,901	$ 84,839,167
	In-region	2023-2024	Long Term Care Level	L1	$ 1,545,882			$ 77,294	$ 22,400	$ 1,696,783	$ 84,935,175
	In-region	2024-2025	Long Term Care Level	L1, L2, L3	$ 1,691,882			$ 84,594	$ 22,400	$ 1,698,703	$ 84,879,802
	In-region	2025-2026	Long Term Care Level	L1	$ 1,545,882			$ 77,294	$ 22,400	$ 1,697,596	$ 84,976,622
	In-region	2026-2027	Long Term Care Level	L1	$ 1,545,882			$ 77,294	$ 22,400	$ 1,699,532	$ 85,075,378
	In-region	2027-2028	Long Term Care Level	L1	$ 1,545,882			$ 77,294	$ 22,400	$ 1,701,508	$ 85,176,110
	In-region	2028-2029	Long Term Care Level	L1	$ 1,545,882			$ 77,294	$ 22,400	$ 1,703,522	$ 85,278,856
	In-region	2029-2030	Long Term Care Level	L1, L2, L4	$ 1,898,882			$ 94,944	$ 22,400	$ 1,705,577	$ 85,013,007
	In-region	2030-2031	Long Term Care Level	L1	$ 1,545,882			$ 77,294	$ 22,400	$ 1,700,260	$ 85,112,491
	In-region	2031-2032	Long Term Care Level	L1	$ 1,545,882			$ 77,294	$ 22,400	$ 1,702,250	$ 85,213,965
	In-region	2032-2033	Long Term Care Level	L1	$ 1,545,882			$ 77,294	$ 22,400	$ 1,704,279	$ 85,317,468
	In-region	2033-2034	Long Term Care Level	L1	$ 1,545,882			$ 77,294	$ 22,400	$ 1,706,349	$ 85,423,041
	In-region	2034-2035	Long Term Care Level	L1, L2, L3, L5	$ 1,818,042			$ 90,902	$ 22,400	$ 1,708,461	$ 85,244,958
	In-region	2035-2036	Long Term Care Level	L1	$ 1,545,882			$ 77,294	$ 22,400	$ 1,704,899	$ 85,349,081
	In-region	2036-2037	Long Term Care Level	L1	$ 1,545,882			$ 77,294	$ 22,400	$ 1,706,982	$ 85,455,286
	In-region	2037-2038	Long Term Care Level	L1	$ 1,545,882			$ 77,294	$ 22,400	$ 1,709,106	$ 85,563,616
	In-region	2038-2039	Phase II Closure	P1, P2	$ 1,745,782			$ 87,289		$ 1,711,272	$ 85,441,817
		2039-2040	Phase II Post-Closure [5]	P1	$ 1,790,782			$ 89,539		$ 1,708,836	$ 85,270,332

Table 17: Extended Care Fund Analysis - Scenario 1 - With Potential Cost Reductions
Cost Basis - Non-Annualized, Reduction in Monitoring and Maintenance Levels
Public Sector Approach

Year No.	Period	Year	Phase	Expense Category [1]	FY 2000 $$ Expenses	Monitoring Reduction [2]	FY 2000 $$ Remediation	5% Contingency	Payment to Fund @ $2.80 / cu ft	Interest 2.0%	Fund Balance
		2040-2041	Phase II Post-Closure	P1	$ 1,790,782			$ 89,539		$ 1,705,407	$ 85,095,418
		2041-2042	Phase II Post-Closure	P1	$ 1,790,782			$ 89,539		$ 1,701,908	$ 84,917,005
		2042-2043	Phase II Post-Closure	P1	$ 1,790,782			$ 89,539		$ 1,698,340	$ 84,735,024
		2043-2044	Phase II Post-Closure	P1, P2, P6 [6,7]	$ 2,840,782			$ 142,039		$ 1,694,700	$ 83,446,904
1	Inst. Control	2044-2045	100 Yr. Inst. Control	L1, L3	$ 1,693,882			$ 84,694		$ 1,668,938	$ 83,337,266
2	Inst. Control	2045-2046		L1	$ 1,643,882			$ 82,194		$ 1,666,745	$ 83,277,935
3	Inst. Control	2046-2047		L1	$ 1,643,882			$ 82,194		$ 1,665,559	$ 83,217,417
4	Inst. Control	2047-2048		L1	$ 1,643,882			$ 82,194		$ 1,664,348	$ 83,155,690
5	Inst. Control	2048-2049		L1, L2	$ 1,739,882			$ 86,994		$ 1,663,114	$ 82,991,927
6	Inst. Control	2049-2050		L1, L4	$ 1,900,882			$ 95,044		$ 1,659,839	$ 82,655,840
7	Inst. Control	2050-2051		L1	$ 1,643,882			$ 82,194		$ 1,653,117	$ 82,582,880
8	Inst. Control	2051-2052		L1	$ 1,643,882			$ 82,194		$ 1,651,658	$ 82,508,462
9	Inst. Control	2052-2053		L1	$ 1,643,882			$ 82,194		$ 1,650,169	$ 82,432,555
10	Inst. Control	2053-2054		L1, L2	$ 1,664,882			$ 83,244		$ 1,648,651	$ 82,333,080
11	Inst. Control	2054-2055		L1, L3	$ 1,693,882			$ 84,694		$ 1,646,662	$ 82,201,166
12	Inst. Control	2055-2056		L1	$ 1,643,882			$ 82,194		$ 1,644,023	$ 82,119,113
13	Inst. Control	2056-2057		L1	$ 1,643,882			$ 82,194		$ 1,642,382	$ 82,035,419
14	Inst. Control	2057-2058		L1	$ 1,643,882			$ 82,194		$ 1,640,708	$ 81,950,051
15	Inst. Control	2058-2059		L1, L2	$ 1,739,882			$ 86,994		$ 1,639,001	$ 81,762,176
16	Inst. Control	2059-2060		L1, L5	$ 1,770,042			$ 88,502		$ 1,635,244	$ 81,538,876
17	Inst. Control	2060-2061		L1	$ 1,643,882			$ 82,194		$ 1,630,778	$ 81,443,577
18	Inst. Control	2061-2062		L1	$ 1,643,882			$ 82,194		$ 1,628,872	$ 81,346,372
19	Inst. Control	2062-2063		L1	$ 1,643,882			$ 82,194		$ 1,626,927	$ 81,247,224
20	Inst. Control	2063-2064		L1, L2	$ 1,739,882			$ 86,994		$ 1,624,944	$ 81,045,292
21	Inst. Control	2064-2065		L1, L3	$ 1,693,882			$ 84,694		$ 1,620,906	$ 80,887,622
22	Inst. Control	2065-2066		L1	$ 1,643,882			$ 82,194		$ 1,617,752	$ 80,779,298
23	Inst. Control	2066-2067		L1	$ 1,643,882			$ 82,194		$ 1,615,586	$ 80,668,808
24	Inst. Control	2067-2068		L1	$ 1,643,882			$ 82,194		$ 1,613,376	$ 80,556,108
25	Inst. Control	2068-2069		L1, L2, L6[8]	$ 2,714,882			$ 135,744		$ 1,611,122	$ 79,316,604
26	Inst. Control	2069-2070		L1, L4	$ 1,900,882	$ (100,791)		$ 90,005		$ 1,586,332	$ 79,012,841
27	Inst. Control	2070-2071		L1	$ 1,643,882	$ (100,791)		$ 77,155		$ 1,580,257	$ 78,972,852
28	Inst. Control	2071-2072		L1	$ 1,643,882	$ (100,791)		$ 77,155		$ 1,579,457	$ 78,932,064
29	Inst. Control	2072-2073		L1	$ 1,643,882	$ (100,791)		$ 77,155		$ 1,578,641	$ 78,890,459
30	Inst. Control	2073-2074		L1, L2	$ 1,739,882	$ (100,791)		$ 81,955		$ 1,577,809	$ 78,747,223
31	Inst. Control	2074-2075		L1, L3	$ 1,693,882	$ (100,791)		$ 79,655		$ 1,574,944	$ 78,649,422
32	Inst. Control	2075-2076		L1	$ 1,643,882	$ (100,791)		$ 77,155		$ 1,572,988	$ 78,602,165
33	Inst. Control	2076-2077		L1	$ 1,643,882	$ (100,791)		$ 77,155		$ 1,572,043	$ 78,553,962
34	Inst. Control	2077-2078		L1	$ 1,643,882	$ (100,791)		$ 77,155		$ 1,571,079	$ 78,504,796
35	Inst. Control	2078-2079		L1, L2	$ 1,739,882	$ (100,791)		$ 81,955		$ 1,570,096	$ 78,353,846

Table 17: Extended Care Fund Analysis - Scenario 1 - With Potential Cost Reductions
Cost Basis - Non-Annualized, Reduction in Monitoring and Maintenance Levels
Public Sector Approach

Year No.	Period	Year	Phase	Expense Category [1]	FY 2000 $$ Expenses	Monitoring Reduction [2]	FY 2000 $$ Remediation	5% Contingency	Payment to Fund @ $2.80 / cu ft	Interest 2.0%	Fund Balance
36	Inst. Control	2079-2080		L1	$ 1,643,882	$ (100,791)		$ 77,155		$ 1,567,077	$ 78,300,678
37	Inst. Control	2080-2081		L1	$ 1,643,882	$ (100,791)		$ 77,155		$ 1,566,014	$ 78,246,446
38	Inst. Control	2081-2082		L1	$ 1,643,882	$ (100,791)		$ 77,155		$ 1,564,929	$ 78,191,129
39	Inst. Control	2082-2083		L1	$ 1,643,882	$ (100,791)		$ 77,155		$ 1,563,823	$ 78,134,706
40	Inst. Control	2083-2084		L1, L2	$ 1,739,882	$ (100,791)		$ 81,955		$ 1,562,694	$ 77,976,355
41	Inst. Control	2084-2085		L1, L3, L5	$ 1,820,042	$ (100,791)		$ 85,963		$ 1,559,527	$ 77,730,668
42	Inst. Control	2085-2086		L1	$ 1,643,882	$ (100,791)		$ 77,155		$ 1,554,613	$ 77,665,036
43	Inst. Control	2086-2087		L1	$ 1,643,882	$ (100,791)		$ 77,155		$ 1,553,301	$ 77,598,091
44	Inst. Control	2087-2088		L1	$ 1,643,882	$ (100,791)		$ 77,155		$ 1,551,962	$ 77,529,808
45	Inst. Control	2088-2089		L1, L2	$ 1,739,882	$ (100,791)		$ 81,955		$ 1,550,596	$ 77,359,358
46	Inst. Control	2089-2090		L1, L4	$ 1,900,882	$ (100,791)		$ 90,005		$ 1,547,187	$ 77,016,450
47	Inst. Control	2090-2091		L1	$ 1,643,882	$ (100,791)		$ 77,155		$ 1,540,329	$ 76,936,533
48	Inst. Control	2091-2092		L1	$ 1,643,882	$ (100,791)		$ 77,155		$ 1,538,731	$ 76,855,018
49	Inst. Control	2092-2093		L1	$ 1,643,882	$ (100,791)		$ 77,155		$ 1,537,100	$ 76,771,873
50	Inst. Control	2093-2094		L1, L2, L6[9]	$ 2,639,882	$ (226,581)		$ 120,665		$ 1,535,437	$ 75,773,345
51	Inst. Control	2094-2095		L1, L3	$ 1,693,882	$ (226,581)		$ 73,365		$ 1,515,467	$ 75,748,145
52	Inst. Control	2095-2096		L1	$ 1,643,882	$ (226,581)		$ 70,865		$ 1,514,963	$ 75,774,942
53	Inst. Control	2096-2097		L1	$ 1,643,882	$ (226,581)		$ 70,865		$ 1,515,499	$ 75,802,275
54	Inst. Control	2097-2098		L1	$ 1,643,882	$ (226,581)		$ 70,865		$ 1,516,046	$ 75,830,155
55	Inst. Control	2098-2099		L1, L2	$ 1,739,882	$ (226,581)		$ 75,665		$ 1,516,603	$ 75,757,792
56	Inst. Control	2099-2100		L1	$ 1,643,882	$ (226,581)		$ 70,865		$ 1,515,156	$ 75,784,781
57	Inst. Control	2100-2101		L1	$ 1,643,882	$ (226,581)		$ 70,865		$ 1,515,696	$ 75,812,311
58	Inst. Control	2101-2102		L1	$ 1,643,882	$ (226,581)		$ 70,865		$ 1,516,246	$ 75,840,391
59	Inst. Control	2102-2103		L1	$ 1,643,882	$ (226,581)		$ 70,865		$ 1,516,808	$ 75,869,033
60	Inst. Control	2103-2104		L1, L2	$ 1,739,882	$ (226,581)		$ 75,665		$ 1,517,381	$ 75,797,448
61	Inst. Control	2104-2105		L1, L3	$ 1,693,882	$ (226,581)		$ 73,365		$ 1,515,949	$ 75,772,730
62	Inst. Control	2105-2106		L1	$ 1,643,882	$ (226,581)		$ 70,865		$ 1,515,455	$ 75,800,019
63	Inst. Control	2106-2107		L1	$ 1,643,882	$ (226,581)		$ 70,865		$ 1,516,000	$ 75,827,853
64	Inst. Control	2107-2108		L1	$ 1,643,882	$ (226,581)		$ 70,865		$ 1,516,557	$ 75,856,244
65	Inst. Control	2108-2109		L1, L2	$ 1,739,882	$ (226,581)		$ 75,665		$ 1,517,125	$ 75,784,403
66	Inst. Control	2109-2110		L1, L4, L5	$ 2,027,042	$ (226,581)		$ 90,023		$ 1,515,688	$ 75,409,607
67	Inst. Control	2110-2111		L1	$ 1,643,882	$ (226,581)		$ 70,865		$ 1,508,192	$ 75,429,633
68	Inst. Control	2111-2112		L1	$ 1,643,882	$ (226,581)		$ 70,865		$ 1,508,593	$ 75,450,060
69	Inst. Control	2112-2113		L1	$ 1,643,882	$ (226,581)		$ 70,865		$ 1,509,001	$ 75,470,895
70	Inst. Control	2113-2114		L1, L2	$ 1,739,882	$ (226,581)		$ 75,665		$ 1,509,418	$ 75,391,347
71	Inst. Control	2114-2115		L1, L3	$ 1,693,882	$ (226,581)		$ 73,365		$ 1,507,827	$ 75,358,508
72	Inst. Control	2115-2116		L1	$ 1,643,882	$ (226,581)		$ 70,865		$ 1,507,170	$ 75,377,512
73	Inst. Control	2116-2117		L1	$ 1,643,882	$ (226,581)		$ 70,865		$ 1,507,550	$ 75,396,896
74	Inst. Control	2117-2118		L1	$ 1,643,882	$ (226,581)		$ 70,865		$ 1,507,938	$ 75,416,668

Table 17: Extended Care Fund Analysis - Scenario 1 - With Potential Cost Reductions
Cost Basis - Non-Annualized, Reduction in Monitoring and Maintenance Levels
Public Sector Approach

Year No.	Period	Year	Phase	Expense Category [1]	FY 2000 $$ Expenses	Monitoring Reduction [2]	FY 2000 $$ Remediation	5% Contingency	Payment to Fund @ $2.80 / cu ft	Interest 2.0%	Fund Balance
75	Inst. Control	2118-2119		L1, L2	$ 1,739,882	$ (226,581)		$ 75,665		$ 1,508,333	$ 75,336,035
76	Inst. Control	2119-2120		L1	$ 1,643,882	$ (226,581)		$ 70,865		$ 1,506,721	$ 75,354,590
77	Inst. Control	2120-2121		L1	$ 1,643,882	$ (226,581)		$ 70,865		$ 1,507,092	$ 75,373,516
78	Inst. Control	2121-2122		L1	$ 1,643,882	$ (226,581)		$ 70,865		$ 1,507,470	$ 75,392,820
79	Inst. Control	2122-2123		L1	$ 1,643,882	$ (226,581)		$ 70,865		$ 1,507,856	$ 75,412,510
80	Inst. Control	2123-2124		L1, L2	$ 1,739,882	$ (226,581)		$ 75,665		$ 1,508,250	$ 75,331,794
81	Inst. Control	2124-2125		L1, L3	$ 1,693,882	$ (226,581)		$ 73,365		$ 1,506,636	$ 75,297,764
82	Inst. Control	2125-2126		L1	$ 1,643,882	$ (226,581)		$ 70,865		$ 1,505,955	$ 75,315,554
83	Inst. Control	2126-2127		L1	$ 1,643,882	$ (226,581)		$ 70,865		$ 1,506,311	$ 75,333,699
84	Inst. Control	2127-2128		L1	$ 1,643,882	$ (226,581)		$ 70,865		$ 1,506,674	$ 75,352,206
85	Inst. Control	2128-2129		L1, L2	$ 1,739,882	$ (226,581)		$ 75,665		$ 1,507,044	$ 75,270,285
86	Inst. Control	2129-2130		L1, L4	$ 1,900,882	$ (226,581)		$ 83,715		$ 1,505,406	$ 75,017,674
87	Inst. Control	2130-2131		L1	$ 1,643,882	$ (226,581)		$ 70,865		$ 1,500,353	$ 75,029,862
88	Inst. Control	2131-2132		L1	$ 1,643,882	$ (226,581)		$ 70,865		$ 1,500,597	$ 75,042,293
89	Inst. Control	2132-2133		L1	$ 1,643,882	$ (226,581)		$ 70,865		$ 1,500,846	$ 75,054,973
90	Inst. Control	2133-2134		L1, L2	$ 1,739,882	$ (226,581)		$ 75,665		$ 1,501,099	$ 74,967,106
91	Inst. Control	2134-2135		L1, L3, L5	$ 1,820,042	$ (226,581)		$ 79,673		$ 1,499,342	$ 74,793,314
92	Inst. Control	2135-2136		L1	$ 1,643,882	$ (226,581)		$ 70,865		$ 1,495,866	$ 74,801,014
93	Inst. Control	2136-2137		L1	$ 1,643,882	$ (226,581)		$ 70,865		$ 1,496,020	$ 74,808,869
94	Inst. Control	2137-2138		L1	$ 1,643,882	$ (226,581)		$ 70,865		$ 1,496,177	$ 74,816,880
95	Inst. Control	2138-2139		L1, L2	$ 1,739,882	$ (226,581)		$ 75,665		$ 1,496,338	$ 74,724,251
96	Inst. Control	2139-2140		L1	$ 1,643,882	$ (226,581)		$ 70,865		$ 1,494,485	$ 74,730,570
97	Inst. Control	2140-2141		L1	$ 1,643,882	$ (226,581)		$ 70,865		$ 1,494,611	$ 74,737,016
98	Inst. Control	2141-2142		L1	$ 1,643,882	$ (226,581)		$ 70,865		$ 1,494,740	$ 74,743,590
99	Inst. Control	2142-2143		L1	$ 1,643,882	$ (226,581)		$ 70,865		$ 1,494,872	$ 74,750,296
100	Inst. Control	2143-2144		L1, L6[9]	$ 2,543,882	$ (226,581)		$ 115,865		$ 1,495,006	$ 73,812,136

Notes:

Current Chem-Nuclear Cost Estimate refers to the estimates provided in the document titled Financial Data for Interim Site Stabilization and *Closure Plan For the Barnwell Low-Level Radioactive Waste Disposal Facility 200 Closure Plan* dated September 2000

[1] See Tables 2 and 3 for Post-Closure (P) and Long-Term (L) Expense Categories

[2] Reductions in maintenance and monitoring costs are 10% after 25 years of institutional control and 25% after 50 years consistent with Chem-Nuclear's assumptions.

[3] Fund Balance as of July 2002 estimated from Fund Balance of 9/30/01 per State Treasurer's balance of 9/30/01 increased by 5.5%.

[4] Excludes Performance Evaluation costs, Site Radiation Survey costs and a $75,000 reduction in Disposal Costs per the Key Design Assumptions, Section IV, of the Chem-Nuclear Financial Data document referenced above. Also excludes $230,000 for third-party liability insurance.

[5] Includes additional $75,000 in Disposal Costs per the Key Design Assumptions, Section VI, of the Chem-Nuclear Financial Data document referenced above, and excludes $230,000 for third-party liability insurance.

Table 17: Extended Care Fund Analysis - Scenario 1 - With Potential Cost Reductions
Cost Basis - Non-Annualized, Reduction in Monitoring and Maintenance Levels
Public Sector Approach

Year No.	Period	Year	Phase	Expense Category [1]	FY 2000 $$ Expenses	Monitoring Reduction [2]	FY 2000 $$ Remediation	5% Contingency	Payment to Fund @ $2.80 / cu ft	Interest 2.0%	Fund Balance

[6] Performance Assessment and Site Radiation Survey conducted. Next Performance Assessment and Site Radiation Survey at 25, 50 and 100 year events per cost worksheet page 8 of the Chem-Nuclear Financial Data document referenced above.

Prepared By/Date: _____ / _____
Checked By/Date: _____ / _____