Table 18: Extended Care Fund Analysis - Scenario 2
Cost Basis - Non-Annualized, Monitoring and Maintenance Levels Constant, No Remedial Action
Public Sector Approach - With Potential Cost Reductions

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

Table 18: Extended Care Fund Analysis - Scenario 2
Cost Basis - Non-Annualized, Monitoring and Maintenance Levels Constant, No Remedial Action
Public Sector Approach - With Potential Cost Reductions

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	$ 1,545,882			$ 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
		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			$ 95,044		$ 1,586,332	$ 78,907,010
27	Inst. Control	2070-2071		L1	$ 1,643,882			$ 82,194		$ 1,578,140	$ 78,759,074
28	Inst. Control	2071-2072		L1	$ 1,643,882			$ 82,194		$ 1,575,181	$ 78,608,180
29	Inst. Control	2072-2073		L1	$ 1,643,882			$ 82,194		$ 1,572,164	$ 78,454,267

Table 18: Extended Care Fund Analysis - Scenario 2
Cost Basis - Non-Annualized, Monitoring and Maintenance Levels Constant, No Remedial Action
Public Sector Approach - With Potential Cost Reductions

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	$ 1,739,882			$ 86,994		$ 1,569,085	$ 78,196,476
31	Inst. Control	2074-2075		L1, L3	$ 1,693,882			$ 84,694		$ 1,563,930	$ 77,981,830
32	Inst. Control	2075-2076		L1	$ 1,643,882			$ 82,194		$ 1,559,637	$ 77,815,390
33	Inst. Control	2076-2077		L1	$ 1,643,882			$ 82,194		$ 1,556,308	$ 77,645,622
34	Inst. Control	2077-2078		L1	$ 1,643,882			$ 82,194		$ 1,552,912	$ 77,472,458
35	Inst. Control	2078-2079		L1, L2	$ 1,739,882			$ 86,994		$ 1,549,449	$ 77,195,031
36	Inst. Control	2079-2080		L1	$ 1,643,882			$ 82,194		$ 1,543,901	$ 77,012,856
37	Inst. Control	2080-2081		L1	$ 1,643,882			$ 82,194		$ 1,540,257	$ 76,827,037
38	Inst. Control	2081-2082		L1	$ 1,643,882			$ 82,194		$ 1,536,541	$ 76,637,502
39	Inst. Control	2082-2083		L1	$ 1,643,882			$ 82,194		$ 1,532,750	$ 76,444,176
40	Inst. Control	2083-2084		L1, L2	$ 1,739,882			$ 86,994		$ 1,528,884	$ 76,146,183
41	Inst. Control	2084-2085		L1, L3, L5	$ 1,820,042			$ 91,002		$ 1,522,924	$ 75,758,063
42	Inst. Control	2085-2086		L1	$ 1,643,882			$ 82,194		$ 1,515,161	$ 75,547,148
43	Inst. Control	2086-2087		L1	$ 1,643,882			$ 82,194		$ 1,510,943	$ 75,332,015
44	Inst. Control	2087-2088		L1	$ 1,643,882			$ 82,194		$ 1,506,640	$ 75,112,579
45	Inst. Control	2088-2089		L1, L2	$ 1,739,882			$ 86,994		$ 1,502,252	$ 74,787,954
46	Inst. Control	2089-2090		L1, L4	$ 1,900,882			$ 95,044		$ 1,495,759	$ 74,287,787
47	Inst. Control	2090-2091		L1	$ 1,643,882			$ 82,194		$ 1,485,756	$ 74,047,467
48	Inst. Control	2091-2092		L1	$ 1,643,882			$ 82,194		$ 1,480,949	$ 73,802,340
49	Inst. Control	2092-2093		L1	$ 1,643,882			$ 82,194		$ 1,476,047	$ 73,552,311
50	Inst. Control	2093-2094		L1, L2, L6[9]	$ 2,639,882			$ 131,994		$ 1,471,046	$ 72,251,481
51	Inst. Control	2094-2095		L1, L3	$ 1,693,882			$ 84,694		$ 1,445,030	$ 71,917,934
52	Inst. Control	2095-2096		L1	$ 1,643,882			$ 82,194		$ 1,438,359	$ 71,630,217
53	Inst. Control	2096-2097		L1	$ 1,643,882			$ 82,194		$ 1,432,604	$ 71,336,745
54	Inst. Control	2097-2098		L1	$ 1,643,882			$ 82,194		$ 1,426,735	$ 71,037,404
55	Inst. Control	2098-2099		L1, L2	$ 1,739,882			$ 86,994		$ 1,420,748	$ 70,631,276
56	Inst. Control	2099-2100		L1	$ 1,643,882			$ 82,194		$ 1,412,626	$ 70,317,825
57	Inst. Control	2100-2101		L1	$ 1,643,882			$ 82,194		$ 1,406,357	$ 69,998,106
58	Inst. Control	2101-2102		L1	$ 1,643,882			$ 82,194		$ 1,399,962	$ 69,671,992
59	Inst. Control	2102-2103		L1	$ 1,643,882			$ 82,194		$ 1,393,440	$ 69,339,356
60	Inst. Control	2103-2104		L1, L2	$ 1,739,882			$ 86,994		$ 1,386,787	$ 68,899,267
61	Inst. Control	2104-2105		L1, L3	$ 1,693,882			$ 84,694		$ 1,377,985	$ 68,498,676
62	Inst. Control	2105-2106		L1	$ 1,643,882			$ 82,194		$ 1,369,974	$ 68,142,573
63	Inst. Control	2106-2107		L1	$ 1,643,882			$ 82,194		$ 1,362,851	$ 67,779,349
64	Inst. Control	2107-2108		L1	$ 1,643,882			$ 82,194		$ 1,355,587	$ 67,408,860
65	Inst. Control	2108-2109		L1, L2	$ 1,739,882			$ 86,994		$ 1,348,177	$ 66,930,161

Table 18: Extended Care Fund Analysis - Scenario 2
Cost Basis - Non-Annualized, Monitoring and Maintenance Levels Constant, No Remedial Action
Public Sector Approach - With Potential Cost Reductions

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	$ 2,027,042			$ 101,352		$ 1,338,603	$ 66,140,370
67	Inst. Control	2110-2111		L1	$ 1,643,882			$ 82,194		$ 1,322,807	$ 65,737,101
68	Inst. Control	2111-2112		L1	$ 1,643,882			$ 82,194		$ 1,314,742	$ 65,325,767
69	Inst. Control	2112-2113		L1	$ 1,643,882			$ 82,194		$ 1,306,515	$ 64,906,206
70	Inst. Control	2113-2114		L1, L2	$ 1,739,882			$ 86,994		$ 1,298,124	$ 64,377,454
71	Inst. Control	2114-2115		L1, L3	$ 1,693,882			$ 84,694		$ 1,287,549	$ 63,886,427
72	Inst. Control	2115-2116		L1	$ 1,643,882			$ 82,194		$ 1,277,729	$ 63,438,080
73	Inst. Control	2116-2117		L1	$ 1,643,882			$ 82,194		$ 1,268,762	$ 62,980,765
74	Inst. Control	2117-2118		L1	$ 1,643,882			$ 82,194		$ 1,259,615	$ 62,514,304
75	Inst. Control	2118-2119		L1, L2	$ 1,739,882			$ 86,994		$ 1,250,286	$ 61,937,714
76	Inst. Control	2119-2120		L1	$ 1,643,882			$ 82,194		$ 1,238,754	$ 61,450,393
77	Inst. Control	2120-2121		L1	$ 1,643,882			$ 82,194		$ 1,229,008	$ 60,953,324
78	Inst. Control	2121-2122		L1	$ 1,643,882			$ 82,194		$ 1,219,066	$ 60,446,315
79	Inst. Control	2122-2123		L1	$ 1,643,882			$ 82,194		$ 1,208,926	$ 59,929,165
80	Inst. Control	2123-2124		L1, L2	$ 1,739,882			$ 86,994		$ 1,198,583	$ 59,300,872
81	Inst. Control	2124-2125		L1, L3	$ 1,693,882			$ 84,694		$ 1,186,017	$ 58,708,313
82	Inst. Control	2125-2126		L1	$ 1,643,882			$ 82,194		$ 1,174,166	$ 58,156,404
83	Inst. Control	2126-2127		L1	$ 1,643,882			$ 82,194		$ 1,163,128	$ 57,593,456
84	Inst. Control	2127-2128		L1	$ 1,643,882			$ 82,194		$ 1,151,869	$ 57,019,249
85	Inst. Control	2128-2129		L1, L2	$ 1,739,882			$ 86,994		$ 1,140,385	$ 56,332,757
86	Inst. Control	2129-2130		L1, L4	$ 1,900,882			$ 95,044		$ 1,126,655	$ 55,463,486
87	Inst. Control	2130-2131		L1	$ 1,643,882			$ 82,194		$ 1,109,270	$ 54,846,680
88	Inst. Control	2131-2132		L1	$ 1,643,882			$ 82,194		$ 1,096,934	$ 54,217,538
89	Inst. Control	2132-2133		L1	$ 1,643,882			$ 82,194		$ 1,084,351	$ 53,575,812
90	Inst. Control	2133-2134		L1, L2	$ 1,739,882			$ 86,994		$ 1,071,516	$ 52,820,452
91	Inst. Control	2134-2135		L1, L3, L5	$ 1,820,042			$ 91,002		$ 1,056,409	$ 51,965,817
92	Inst. Control	2135-2136		L1	$ 1,643,882			$ 82,194		$ 1,039,316	$ 51,279,058
93	Inst. Control	2136-2137		L1	$ 1,643,882			$ 82,194		$ 1,025,581	$ 50,578,563
94	Inst. Control	2137-2138		L1	$ 1,643,882			$ 82,194		$ 1,011,571	$ 49,864,058
95	Inst. Control	2138-2139		L1, L2	$ 1,739,882			$ 86,994		$ 997,281	$ 49,034,463
96	Inst. Control	2139-2140		L1	$ 1,643,882			$ 82,194		$ 980,689	$ 48,289,076
97	Inst. Control	2140-2141		L1	$ 1,643,882			$ 82,194		$ 965,782	$ 47,528,781
98	Inst. Control	2141-2142		L1	$ 1,643,882			$ 82,194		$ 950,576	$ 46,753,281
99	Inst. Control	2142-2143		L1	$ 1,643,882			$ 82,194		$ 935,066	$ 45,962,270
100	Inst. Control	2143-2144		L1, L6[9]	$ 2,543,882			$ 127,194		$ 919,245	$ 44,210,440

Table 18: Extended Care Fund Analysis - Scenario 2
Cost Basis - Non-Annualized, Monitoring and Maintenance Levels Constant, No Remedial Action
Public Sector Approach - With Potential Cost Reductions

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 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.

[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.

[7] The cost of the Performance Assessment has been reduced by 18% based on use of pre-existing modeling programs.

[8] The cost of the Performance Assessment has been reduced by 22.5% based on use of pre-existing modeling programs and a 10% reduction in monitoring costs after 25 years of institutional control.

[9] The cost of the Performance Assessment has been reduced by 30% based on use of pre-existing modeling programs and a 25% reduction in monitoring costs after 50 years of institutional control.

Prepared By/Date: _____ / _____

Checked By/Date: _____ / _____

Table 19: Extended Care Fund Analysis - Scenario 3
Cost Basis - Non-Annualized, Reduction in Monitoring and Maintenance Levels, Remedial Action
Public Sector Approach - With Potential Cost Reductions

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

Table 19: Extended Care Fund Analysis - Scenario 3
Cost Basis - Non-Annualized, Reduction in Monitoring and Maintenance Levels, Remedial Action
Public Sector Approach - With Potential Cost Reductions

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	$ 1,545,882			$ 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
		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		$ 1,000,000	$ 134,694		$ 1,668,938	$ 82,287,266
2	Inst. Control	2045-2046		L1	$ 1,643,882		$ 500,000	$ 107,194		$ 1,645,745	$ 81,681,935
3	Inst. Control	2046-2047		L1	$ 1,643,882		$ 500,000	$ 107,194		$ 1,633,639	$ 81,064,497
4	Inst. Control	2047-2048		L1	$ 1,643,882		$ 500,000	$ 107,194		$ 1,621,290	$ 80,434,711
5	Inst. Control	2048-2049		L1, L2	$ 1,739,882		$ 500,000	$ 111,994		$ 1,608,694	$ 79,691,529
6	Inst. Control	2049-2050		L1, L4	$ 1,900,882		$ 500,000	$ 120,044		$ 1,593,831	$ 78,764,434
7	Inst. Control	2050-2051		L1	$ 1,643,882		$ 500,000	$ 107,194		$ 1,575,289	$ 78,088,646
8	Inst. Control	2051-2052		L1	$ 1,643,882		$ 500,000	$ 107,194		$ 1,561,773	$ 77,399,343
9	Inst. Control	2052-2053		L1	$ 1,643,882		$ 500,000	$ 107,194		$ 1,547,987	$ 76,696,254
10	Inst. Control	2053-2054		L1, L2	$ 1,664,882		$ 500,000	$ 108,244		$ 1,533,925	$ 75,957,053
11	Inst. Control	2054-2055		L1, L3	$ 1,693,882		$ 500,000	$ 109,694		$ 1,519,141	$ 75,172,618
12	Inst. Control	2055-2056		L1	$ 1,643,882		$ 500,000	$ 107,194		$ 1,503,452	$ 74,424,994
13	Inst. Control	2056-2057		L1	$ 1,643,882		$ 500,000	$ 107,194		$ 1,488,500	$ 73,662,418
14	Inst. Control	2057-2058		L1	$ 1,643,882		$ 500,000	$ 107,194		$ 1,473,248	$ 72,884,590
15	Inst. Control	2058-2059		L1, L2	$ 1,739,882		$ 500,000	$ 111,994		$ 1,457,692	$ 71,990,406
16	Inst. Control	2059-2060		L1, L5	$ 1,770,042		$ 500,000	$ 113,502		$ 1,439,808	$ 71,046,670
17	Inst. Control	2060-2061		L1	$ 1,643,882		$ 500,000	$ 107,194		$ 1,420,933	$ 70,216,527
18	Inst. Control	2061-2062		L1	$ 1,643,882		$ 500,000	$ 107,194		$ 1,404,331	$ 69,369,782
19	Inst. Control	2062-2063		L1	$ 1,643,882		$ 500,000	$ 107,194		$ 1,387,396	$ 68,506,101
20	Inst. Control	2063-2064		L1, L2	$ 1,739,882			$ 86,994		$ 1,370,122	$ 68,049,347
21	Inst. Control	2064-2065		L1, L3	$ 1,693,882			$ 84,694		$ 1,360,987	$ 67,631,758
22	Inst. Control	2065-2066		L1	$ 1,643,882			$ 82,194		$ 1,352,635	$ 67,258,317
23	Inst. Control	2066-2067		L1	$ 1,643,882			$ 82,194		$ 1,345,166	$ 66,877,407
24	Inst. Control	2067-2068		L1	$ 1,643,882			$ 82,194		$ 1,337,548	$ 66,488,879
25	Inst. Control	2068-2069		L1, L2, L6 [8]	$ 2,714,882			$ 135,744		$ 1,329,778	$ 64,968,031
26	Inst. Control	2069-2070		L1, L4	$ 1,900,882	$ (100,791)		$ 90,005		$ 1,299,361	$ 64,377,296
27	Inst. Control	2070-2071		L1	$ 1,643,882	$ (100,791)		$ 77,155		$ 1,287,546	$ 64,044,596
28	Inst. Control	2071-2072		L1	$ 1,643,882	$ (100,791)		$ 77,155		$ 1,280,892	$ 63,705,243
29	Inst. Control	2072-2073		L1	$ 1,643,882	$ (100,791)		$ 77,155		$ 1,274,105	$ 63,359,102

Table 19: Extended Care Fund Analysis - Scenario 3
Cost Basis - Non-Annualized, Reduction in Monitoring and Maintenance Levels, Remedial Action
Public Sector Approach - With Potential Cost Reductions

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	$ 1,739,882	$ (100,791)		$ 81,955	$ 1,267,182	$ 62,905,238	
31	Inst. Control	2074-2075		L1, L3	$ 1,693,882	$ (100,791)		$ 79,655	$ 1,258,105	$ 62,490,598	
32	Inst. Control	2075-2076		L1	$ 1,643,882	$ (100,791)		$ 77,155	$ 1,249,812	$ 62,120,164	
33	Inst. Control	2076-2077		L1	$ 1,643,882	$ (100,791)		$ 77,155	$ 1,242,403	$ 61,742,322	
34	Inst. Control	2077-2078		L1	$ 1,643,882	$ (100,791)		$ 77,155	$ 1,234,846	$ 61,356,923	
35	Inst. Control	2078-2079		L1, L2	$ 1,739,882	$ (100,791)		$ 81,955	$ 1,227,138	$ 60,863,016	
36	Inst. Control	2079-2080		L1	$ 1,643,882	$ (100,791)		$ 77,155	$ 1,217,260	$ 60,460,030	
37	Inst. Control	2080-2081		L1	$ 1,643,882	$ (100,791)		$ 77,155	$ 1,209,201	$ 60,048,985	
38	Inst. Control	2081-2082		L1	$ 1,643,882	$ (100,791)		$ 77,155	$ 1,200,980	$ 59,629,720	
39	Inst. Control	2082-2083		L1	$ 1,643,882	$ (100,791)		$ 77,155	$ 1,192,594	$ 59,202,068	
40	Inst. Control	2083-2084		L1, L2	$ 1,739,882	$ (100,791)		$ 81,955	$ 1,184,041	$ 58,665,064	
41	Inst. Control	2084-2085		L1, L3, L5	$ 1,820,042	$ (100,791)		$ 85,963	$ 1,173,301	$ 58,033,152	
42	Inst. Control	2085-2086		L1	$ 1,643,882	$ (100,791)		$ 77,155	$ 1,160,663	$ 57,573,569	
43	Inst. Control	2086-2087		L1	$ 1,643,882	$ (100,791)		$ 77,155	$ 1,151,471	$ 57,104,795	
44	Inst. Control	2087-2088		L1	$ 1,643,882	$ (100,791)		$ 77,155	$ 1,142,096	$ 56,626,646	
45	Inst. Control	2088-2089		L1, L2	$ 1,739,882	$ (100,791)		$ 81,955	$ 1,132,533	$ 56,038,133	
46	Inst. Control	2089-2090		L1, L4	$ 1,900,882	$ (100,791)		$ 90,005	$ 1,120,763	$ 55,268,800	
47	Inst. Control	2090-2091		L1	$ 1,643,882	$ (100,791)		$ 77,155	$ 1,105,376	$ 54,753,931	
48	Inst. Control	2091-2092		L1	$ 1,643,882	$ (100,791)		$ 77,155	$ 1,095,079	$ 54,228,764	
49	Inst. Control	2092-2093		L1	$ 1,643,882	$ (100,791)		$ 77,155	$ 1,084,575	$ 53,693,093	
50	Inst. Control	2093-2094		L1, L2, L6[9]	$ 2,639,882	$ (226,581)		$ 120,665	$ 1,073,862	$ 52,232,989	
51	Inst. Control	2094-2095		L1, L3	$ 1,693,882	$ (226,581)		$ 73,365	$ 1,044,660	$ 51,736,983	
52	Inst. Control	2095-2096		L1	$ 1,643,882	$ (226,581)		$ 70,865	$ 1,034,740	$ 51,283,556	
53	Inst. Control	2096-2097		L1	$ 1,643,882	$ (226,581)		$ 70,865	$ 1,025,671	$ 50,821,062	
54	Inst. Control	2097-2098		L1	$ 1,643,882	$ (226,581)		$ 70,865	$ 1,016,421	$ 50,349,317	
55	Inst. Control	2098-2099		L1, L2	$ 1,739,882	$ (226,581)		$ 75,665	$ 1,006,986	$ 49,767,337	
56	Inst. Control	2099-2100		L1	$ 1,643,882	$ (226,581)		$ 70,865	$ 995,347	$ 49,274,518	
57	Inst. Control	2100-2101		L1	$ 1,643,882	$ (226,581)		$ 70,865	$ 985,490	$ 48,771,842	
58	Inst. Control	2101-2102		L1	$ 1,643,882	$ (226,581)		$ 70,865	$ 975,437	$ 48,259,113	
59	Inst. Control	2102-2103		L1	$ 1,643,882	$ (226,581)		$ 70,865	$ 965,182	$ 47,736,129	
60	Inst. Control	2103-2104		L1, L2	$ 1,739,882	$ (226,581)		$ 75,665	$ 954,723	$ 47,101,886	
61	Inst. Control	2104-2105		L1, L3	$ 1,693,882	$ (226,581)		$ 73,365	$ 942,038	$ 46,503,257	
62	Inst. Control	2105-2106		L1	$ 1,643,882	$ (226,581)		$ 70,865	$ 930,065	$ 45,945,156	
63	Inst. Control	2106-2107		L1	$ 1,643,882	$ (226,581)		$ 70,865	$ 918,903	$ 45,375,893	
64	Inst. Control	2107-2108		L1	$ 1,643,882	$ (226,581)		$ 70,865	$ 907,518	$ 44,795,245	
65	Inst. Control	2108-2109		L1, L2	$ 1,739,882	$ (226,581)		$ 75,665	$ 895,905	$ 44,102,184	

Table 19: Extended Care Fund Analysis - Scenario 3
Cost Basis - Non-Annualized, Reduction in Monitoring and Maintenance Levels, Remedial Action
Public Sector Approach - With Potential Cost Reductions

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	$ 2,027,042	$ (226,581)		$ 90,023		$ 882,044	$ 43,093,744
67	Inst. Control	2110-2111		L1	$ 1,643,882	$ (226,581)		$ 70,865		$ 861,875	$ 42,467,452
68	Inst. Control	2111-2112		L1	$ 1,643,882	$ (226,581)		$ 70,865		$ 849,349	$ 41,828,635
69	Inst. Control	2112-2113		L1	$ 1,643,882	$ (226,581)		$ 70,865		$ 836,573	$ 41,177,042
70	Inst. Control	2113-2114		L1, L2	$ 1,739,882	$ (226,581)		$ 75,665		$ 823,541	$ 40,411,617
71	Inst. Control	2114-2115		L1, L3	$ 1,693,882	$ (226,581)		$ 73,365		$ 808,232	$ 39,679,183
72	Inst. Control	2115-2116		L1	$ 1,643,882	$ (226,581)		$ 70,865		$ 793,584	$ 38,984,601
73	Inst. Control	2116-2117		L1	$ 1,643,882	$ (226,581)		$ 70,865		$ 779,692	$ 38,276,127
74	Inst. Control	2117-2118		L1	$ 1,643,882	$ (226,581)		$ 70,865		$ 765,523	$ 37,553,483
75	Inst. Control	2118-2119		L1, L2	$ 1,739,882	$ (226,581)		$ 75,665		$ 751,070	$ 36,715,587
76	Inst. Control	2119-2120		L1	$ 1,643,882	$ (226,581)		$ 70,865		$ 734,312	$ 35,961,733
77	Inst. Control	2120-2121		L1	$ 1,643,882	$ (226,581)		$ 70,865		$ 719,235	$ 35,192,801
78	Inst. Control	2121-2122		L1	$ 1,643,882	$ (226,581)		$ 70,865		$ 703,856	$ 34,408,491
79	Inst. Control	2122-2123		L1	$ 1,643,882	$ (226,581)		$ 70,865		$ 688,170	$ 33,608,495
80	Inst. Control	2123-2124		L1, L2	$ 1,739,882	$ (226,581)		$ 75,665		$ 672,170	$ 32,691,699
81	Inst. Control	2124-2125		L1, L3	$ 1,693,882	$ (226,581)		$ 73,365		$ 653,834	$ 31,804,867
82	Inst. Control	2125-2126		L1	$ 1,643,882	$ (226,581)		$ 70,865		$ 636,097	$ 30,952,798
83	Inst. Control	2126-2127		L1	$ 1,643,882	$ (226,581)		$ 70,865		$ 619,056	$ 30,083,688
84	Inst. Control	2127-2128		L1	$ 1,643,882	$ (226,581)		$ 70,865		$ 601,674	$ 29,197,196
85	Inst. Control	2128-2129		L1, L2	$ 1,739,882	$ (226,581)		$ 75,665		$ 583,944	$ 28,192,173
86	Inst. Control	2129-2130		L1, L4	$ 1,900,882	$ (226,581)		$ 83,715		$ 563,843	$ 26,998,001
87	Inst. Control	2130-2131		L1	$ 1,643,882	$ (226,581)		$ 70,865		$ 539,960	$ 26,049,795
88	Inst. Control	2131-2132		L1	$ 1,643,882	$ (226,581)		$ 70,865		$ 520,996	$ 25,082,625
89	Inst. Control	2132-2133		L1	$ 1,643,882	$ (226,581)		$ 70,865		$ 501,652	$ 24,096,111
90	Inst. Control	2133-2134		L1, L2	$ 1,739,882	$ (226,581)		$ 75,665		$ 481,922	$ 22,989,067
91	Inst. Control	2134-2135		L1, L3, L5	$ 1,820,042	$ (226,581)		$ 79,673		$ 459,781	$ 21,775,715
92	Inst. Control	2135-2136		L1	$ 1,643,882	$ (226,581)		$ 70,865		$ 435,514	$ 20,723,063
93	Inst. Control	2136-2137		L1	$ 1,643,882	$ (226,581)		$ 70,865		$ 414,461	$ 19,649,358
94	Inst. Control	2137-2138		L1	$ 1,643,882	$ (226,581)		$ 70,865		$ 392,987	$ 18,554,179
95	Inst. Control	2138-2139		L1, L2	$ 1,739,882	$ (226,581)		$ 75,665		$ 371,084	$ 17,336,297
96	Inst. Control	2139-2140		L1	$ 1,643,882	$ (226,581)		$ 70,865		$ 346,726	$ 16,194,857
97	Inst. Control	2140-2141		L1	$ 1,643,882	$ (226,581)		$ 70,865		$ 323,897	$ 15,030,588
98	Inst. Control	2141-2142		L1	$ 1,643,882	$ (226,581)		$ 70,865		$ 300,612	$ 13,843,033
99	Inst. Control	2142-2143		L1	$ 1,643,882	$ (226,581)		$ 70,865		$ 276,861	$ 12,631,728
100	Inst. Control	2143-2144		L1, L6[9]	$ 2,543,882	$ (226,581)		$ 115,865		$ 252,635	$ 10,451,196

Table 19: Extended Care Fund Analysis - Scenario 3
Cost Basis - Non-Annualized, Reduction in Monitoring and Maintenance Levels, Remedial Action
Public Sector Approach - With Potential Cost Reductions

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 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.

[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.

[7] The cost of the Performance Assessment has been reduced by 18% based on use of pre-existing modeling programs.

[8] The cost of the Performance Assessment has been reduced by 22.5% based on use of pre-existing modeling programs and a 10% reduction in monitoring costs after 25 years of institutional control.

[9] The cost of the Performance Assessment has been reduced by 30% based on use of pre-existing modeling programs and a 25% reduction in monitoring costs after 50 years of institutional control.

Prepared By/Date: _____ / _____

Checked By/Date: _____ / _____

Table 20: Post-Closure Expense Categories - Private 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)	15%	$	145,730.00	
		Total Recurring Yearly Expenses	$	1,884,512.00	

Continued on Next Page

Table 20: Post-Closure Expense Categories - Private 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 21: Long-Term Care Expense Categories - Private 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)	15%	$	156,980.00	
		Total Recurring Yearly Expenses	$	1,800,862.00	

Continued on Next Page

Table 21: Long-Term Care Expense Categories - Private 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.

Prepared By/Date: _____ / _____

Checked By/Date: _____ / _____

Table 22: Extended Care Fund Analysis - Scenario 4
Cost Basis - Non-Annualized, Reduction in Monitoring and Maintenance Levels
Private Sector Approach - With Potential Cost Reductions

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	$ 1,884,512			$ 94,226	$ 22,400	$ 1,719,135	$ 85,719,569
	In-region	2011-2012	Phase I Post-Closure	PI	$ 1,884,512			$ 94,226	$ 22,400	$ 1,714,391	$ 85,477,623
	In-region	2012-2013	Phase I Post-Closure	PI	$ 1,884,512			$ 94,226	$ 22,400	$ 1,709,552	$ 85,230,838
	In-region	2013-2014	Phase I Post-Closure	PI	$ 1,884,512			$ 94,226	$ 22,400	$ 1,704,617	$ 84,979,117
	In-region	2014-2015	Phase I Post-Closure	PI, P2 & P6	$ 3,114,512			$ 155,726	$ 22,400	$ 1,699,582	$ 83,430,862
	In-region	2015-2016	Long Term Care Level [4]	L1	$ 1,495,862			$ 74,793	$ 22,400	$ 1,668,617	$ 83,551,224
	In-region	2016-2017	Long Term Care Level	L1	$ 1,495,862			$ 74,793	$ 22,400	$ 1,671,024	$ 83,673,993
	In-region	2017-2018	Long Term Care Level	L1	$ 1,495,862			$ 74,793	$ 22,400	$ 1,673,480	$ 83,799,218
	In-region	2018-2019	Long Term Care Level	L1	$ 1,495,862			$ 74,793	$ 22,400	$ 1,675,984	$ 83,926,947
	In-region	2019-2020	Long Term Care Level	L1, L2	$ 1,591,862			$ 79,593	$ 22,400	$ 1,678,539	$ 83,956,431
	In-region	2020-2021	Long Term Care Level	L1	$ 1,495,862			$ 74,793	$ 22,400	$ 1,679,129	$ 84,087,305
	In-region	2021-2022	Long Term Care Level	L1	$ 1,495,862			$ 74,793	$ 22,400	$ 1,681,746	$ 84,220,796
	In-region	2022-2023	Long Term Care Level	L1	$ 1,495,862			$ 74,793	$ 22,400	$ 1,684,416	$ 84,356,956
	In-region	2023-2024	Long Term Care Level	L1	$ 1,495,862			$ 74,793	$ 22,400	$ 1,687,139	$ 84,495,840
	In-region	2024-2025	Long Term Care Level	L1, L2, L3	$ 1,641,862			$ 82,093	$ 22,400	$ 1,689,917	$ 84,484,202
	In-region	2025-2026	Long Term Care Level	L1	$ 1,495,862			$ 74,793	$ 22,400	$ 1,689,684	$ 84,625,631
	In-region	2026-2027	Long Term Care Level	L1	$ 1,495,862			$ 74,793	$ 22,400	$ 1,692,513	$ 84,769,889
	In-region	2027-2028	Long Term Care Level	L1	$ 1,495,862			$ 74,793	$ 22,400	$ 1,695,398	$ 84,917,031
	In-region	2028-2029	Long Term Care Level	L1	$ 1,495,862			$ 74,793	$ 22,400	$ 1,698,341	$ 85,067,117
	In-region	2029-2030	Long Term Care Level	L1, L2, L4	$ 1,848,862			$ 92,443	$ 22,400	$ 1,701,342	$ 84,849,554
	In-region	2030-2031	Long Term Care Level	L1	$ 1,495,862			$ 74,793	$ 22,400	$ 1,696,991	$ 84,998,290
	In-region	2031-2032	Long Term Care Level	L1	$ 1,495,862			$ 74,793	$ 22,400	$ 1,699,966	$ 85,150,001
	In-region	2032-2033	Long Term Care Level	L1	$ 1,495,862			$ 74,793	$ 22,400	$ 1,703,000	$ 85,304,746
	In-region	2033-2034	Long Term Care Level	L1	$ 1,495,862			$ 74,793	$ 22,400	$ 1,706,095	$ 85,462,585
	In-region	2034-2035	Long Term Care Level	L1, L2, L3, L5	$ 1,768,022			$ 88,401	$ 22,400	$ 1,709,252	$ 85,337,814
	In-region	2035-2036	Long Term Care Level	L1	$ 1,495,862			$ 74,793	$ 22,400	$ 1,706,756	$ 85,496,315
	In-region	2036-2037	Long Term Care Level	L1	$ 1,495,862			$ 74,793	$ 22,400	$ 1,709,926	$ 85,657,986

Table 22: Extended Care Fund Analysis - Scenario 4
Cost Basis - Non-Annualized, Reduction in Monitoring and Maintenance Levels
Private Sector Approach - With Potential Cost Reductions

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	$ 1,495,862			$ 74,793	$ 22,400	$ 1,713,160	$ 85,822,891
	In-region	2038-2039	Phase II Closure	P1, P2	$ 1,684,512			$ 84,226		$ 1,716,458	$ 85,770,611
		2039-2040	Phase II Post-Closure [5]	P1	$ 1,729,512			$ 86,476		$ 1,715,412	$ 85,670,036
		2040-2041	Phase II Post-Closure	P1	$ 1,729,512			$ 86,476		$ 1,713,401	$ 85,567,449
		2041-2042	Phase II Post-Closure	P1	$ 1,729,512			$ 86,476		$ 1,711,349	$ 85,462,810
		2042-2043	Phase II Post-Closure	P1	$ 1,729,512			$ 86,476		$ 1,709,256	$ 85,356,079
		2043-2044	Phase II Post-Closure	P1, P2, P6 [6,7]	$ 2,839,512			$ 141,976		$ 1,707,122	$ 84,081,713
1	Inst. Control	2044-2045	100 Yr. Inst. Control	L1, L3	$ 1,850,862			$ 92,543		$ 1,681,634	$ 83,819,942
2	Inst. Control	2045-2046		L1	$ 1,800,862			$ 90,043		$ 1,676,399	$ 83,605,436
3	Inst. Control	2046-2047		L1	$ 1,800,862			$ 90,043		$ 1,672,109	$ 83,386,639
4	Inst. Control	2047-2048		L1	$ 1,800,862			$ 90,043		$ 1,667,733	$ 83,163,467
5	Inst. Control	2048-2049		L1, L2	$ 1,896,862			$ 94,843		$ 1,663,269	$ 82,835,031
6	Inst. Control	2049-2050		L1, L4	$ 2,057,862			$ 102,893		$ 1,656,701	$ 82,330,977
7	Inst. Control	2050-2051		L1	$ 1,800,862			$ 90,043		$ 1,646,620	$ 82,086,691
8	Inst. Control	2051-2052		L1	$ 1,800,862			$ 90,043		$ 1,641,734	$ 81,837,520
9	Inst. Control	2052-2053		L1	$ 1,800,862			$ 90,043		$ 1,636,750	$ 81,583,365
10	Inst. Control	2053-2054		L1, L2	$ 1,821,862			$ 91,093		$ 1,631,667	$ 81,302,078
11	Inst. Control	2054-2055		L1, L3	$ 1,850,862			$ 92,543		$ 1,626,042	$ 80,984,714
12	Inst. Control	2055-2056		L1	$ 1,800,862			$ 90,043		$ 1,619,694	$ 80,713,503
13	Inst. Control	2056-2057		L1	$ 1,800,862			$ 90,043		$ 1,614,270	$ 80,436,868
14	Inst. Control	2057-2058		L1	$ 1,800,862			$ 90,043		$ 1,608,737	$ 80,154,700
15	Inst. Control	2058-2059		L1, L2	$ 1,896,862			$ 94,843		$ 1,603,094	$ 79,766,089
16	Inst. Control	2059-2060		L1, L5	$ 1,927,022			$ 96,351		$ 1,595,322	$ 79,338,038
17	Inst. Control	2060-2061		L1	$ 1,800,862			$ 90,043		$ 1,586,761	$ 79,033,894
18	Inst. Control	2061-2062		L1	$ 1,800,862			$ 90,043		$ 1,580,678	$ 78,723,666
19	Inst. Control	2062-2063		L1	$ 1,800,862			$ 90,043		$ 1,574,473	$ 78,407,235
20	Inst. Control	2063-2064		L1, L2	$ 1,896,862			$ 94,843		$ 1,568,145	$ 77,983,674
21	Inst. Control	2064-2065		L1, L3	$ 1,850,862			$ 92,543		$ 1,559,673	$ 77,599,943
22	Inst. Control	2065-2066		L1	$ 1,800,862			$ 90,043		$ 1,551,999	$ 77,261,036
23	Inst. Control	2066-2067		L1	$ 1,800,862			$ 90,043		$ 1,545,221	$ 76,915,352
24	Inst. Control	2067-2068		L1	$ 1,800,862			$ 90,043		$ 1,538,307	$ 76,562,754
25	Inst. Control	2068-2069		L1, L2, L6 [8]	$ 2,871,862			$ 143,593		$ 1,531,255	$ 75,078,554
26	Inst. Control	2069-2070		L1, L4	$ 2,057,862	$ (100,791)		$ 97,854		$ 1,501,571	$ 74,525,201
27	Inst. Control	2070-2071		L1	$ 1,800,862	$ (100,791)		$ 85,004		$ 1,490,504	$ 74,230,630
28	Inst. Control	2071-2072		L1	$ 1,800,862	$ (100,791)		$ 85,004		$ 1,484,613	$ 73,930,168
29	Inst. Control	2072-2073		L1	$ 1,800,862	$ (100,791)		$ 85,004		$ 1,478,603	$ 73,623,697

Table 22: Extended Care Fund Analysis - Scenario 4
Cost Basis - Non-Annualized, Reduction in Monitoring and Maintenance Levels
Private Sector Approach - With Potential Cost Reductions

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	$ 1,896,862	$ (100,791)		$ 89,804		$ 1,472,474	$ 73,210,296
31	Inst. Control	2074-2075		L1, L3	$ 1,850,862	$ (100,791)		$ 87,504		$ 1,464,206	$ 72,836,928
32	Inst. Control	2075-2076		L1	$ 1,800,862	$ (100,791)		$ 85,004		$ 1,456,739	$ 72,508,592
33	Inst. Control	2076-2077		L1	$ 1,800,862	$ (100,791)		$ 85,004		$ 1,450,172	$ 72,173,689
34	Inst. Control	2077-2078		L1	$ 1,800,862	$ (100,791)		$ 85,004		$ 1,443,474	$ 71,832,088
35	Inst. Control	2078-2079		L1, L2	$ 1,896,862	$ (100,791)		$ 89,804		$ 1,436,642	$ 71,382,855
36	Inst. Control	2079-2080		L1	$ 1,800,862	$ (100,791)		$ 85,004		$ 1,427,657	$ 71,025,438
37	Inst. Control	2080-2081		L1	$ 1,800,862	$ (100,791)		$ 85,004		$ 1,420,509	$ 70,660,872
38	Inst. Control	2081-2082		L1	$ 1,800,862	$ (100,791)		$ 85,004		$ 1,413,217	$ 70,289,015
39	Inst. Control	2082-2083		L1	$ 1,800,862	$ (100,791)		$ 85,004		$ 1,405,780	$ 69,909,721
40	Inst. Control	2083-2084		L1, L2	$ 1,896,862	$ (100,791)		$ 89,804		$ 1,398,194	$ 69,422,041
41	Inst. Control	2084-2085		L1, L3, L5	$ 1,977,022	$ (100,791)		$ 93,812		$ 1,388,441	$ 68,840,439
42	Inst. Control	2085-2086		L1	$ 1,800,862	$ (100,791)		$ 85,004		$ 1,376,809	$ 68,432,173
43	Inst. Control	2086-2087		L1	$ 1,800,862	$ (100,791)		$ 85,004		$ 1,368,643	$ 68,015,742
44	Inst. Control	2087-2088		L1	$ 1,800,862	$ (100,791)		$ 85,004		$ 1,360,315	$ 67,590,982
45	Inst. Control	2088-2089		L1, L2	$ 1,896,862	$ (100,791)		$ 89,804		$ 1,351,820	$ 67,056,927
46	Inst. Control	2089-2090		L1, L4	$ 2,057,862	$ (100,791)		$ 97,854		$ 1,341,139	$ 66,343,141
47	Inst. Control	2090-2091		L1	$ 1,800,862	$ (100,791)		$ 85,004		$ 1,326,863	$ 65,884,930
48	Inst. Control	2091-2092		L1	$ 1,800,862	$ (100,791)		$ 85,004		$ 1,317,699	$ 65,417,554
49	Inst. Control	2092-2093		L1	$ 1,800,862	$ (100,791)		$ 85,004		$ 1,308,351	$ 64,940,830
50	Inst. Control	2093-2094		L1, L2, L6[9]	$ 2,796,862	$ (226,581)		$ 128,514		$ 1,298,817	$ 63,540,852
51	Inst. Control	2094-2095		L1, L3	$ 1,850,862	$ (226,581)		$ 81,214		$ 1,270,817	$ 63,106,174
52	Inst. Control	2095-2096		L1	$ 1,800,862	$ (226,581)		$ 78,714		$ 1,262,123	$ 62,715,302
53	Inst. Control	2096-2097		L1	$ 1,800,862	$ (226,581)		$ 78,714		$ 1,254,306	$ 62,316,613
54	Inst. Control	2097-2098		L1	$ 1,800,862	$ (226,581)		$ 78,714		$ 1,246,332	$ 61,909,950
55	Inst. Control	2098-2099		L1, L2	$ 1,896,862	$ (226,581)		$ 83,514		$ 1,238,199	$ 61,394,354
56	Inst. Control	2099-2100		L1	$ 1,800,862	$ (226,581)		$ 78,714		$ 1,227,887	$ 60,969,246
57	Inst. Control	2100-2101		L1	$ 1,800,862	$ (226,581)		$ 78,714		$ 1,219,385	$ 60,535,636
58	Inst. Control	2101-2102		L1	$ 1,800,862	$ (226,581)		$ 78,714		$ 1,210,713	$ 60,093,354
59	Inst. Control	2102-2103		L1	$ 1,800,862	$ (226,581)		$ 78,714		$ 1,201,867	$ 59,642,226
60	Inst. Control	2103-2104		L1, L2	$ 1,896,862	$ (226,581)		$ 83,514		$ 1,192,845	$ 59,081,275
61	Inst. Control	2104-2105		L1, L3	$ 1,850,862	$ (226,581)		$ 81,214		$ 1,181,626	$ 58,557,406
62	Inst. Control	2105-2106		L1	$ 1,800,862	$ (226,581)		$ 78,714		$ 1,171,148	$ 58,075,559
63	Inst. Control	2106-2107		L1	$ 1,800,862	$ (226,581)		$ 78,714		$ 1,161,511	$ 57,584,075
64	Inst. Control	2107-2108		L1	$ 1,800,862	$ (226,581)		$ 78,714		$ 1,151,682	$ 57,082,762
65	Inst. Control	2108-2109		L1, L2	$ 1,896,862	$ (226,581)		$ 83,514		$ 1,141,655	$ 56,470,622

Table 22: Extended Care Fund Analysis - Scenario 4
Cost Basis - Non-Annualized, Reduction in Monitoring and Maintenance Levels
Private Sector Approach - With Potential Cost Reductions

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	$ 2,184,022	$ (226,581)		$ 97,872	$ 1,129,412	$ 55,544,721	
67	Inst. Control	2110-2111		L1	$ 1,800,862	$ (226,581)		$ 78,714	$ 1,110,894	$ 55,002,621	
68	Inst. Control	2111-2112		L1	$ 1,800,862	$ (226,581)		$ 78,714	$ 1,100,052	$ 54,449,678	
69	Inst. Control	2112-2113		L1	$ 1,800,862	$ (226,581)		$ 78,714	$ 1,088,994	$ 53,885,676	
70	Inst. Control	2113-2114		L1, L2	$ 1,896,862	$ (226,581)		$ 83,514	$ 1,077,714	$ 53,209,595	
71	Inst. Control	2114-2115		L1, L3	$ 1,850,862	$ (226,581)		$ 81,214	$ 1,064,192	$ 52,568,292	
72	Inst. Control	2115-2116		L1	$ 1,800,862	$ (226,581)		$ 78,714	$ 1,051,366	$ 51,966,663	
73	Inst. Control	2116-2117		L1	$ 1,800,862	$ (226,581)		$ 78,714	$ 1,039,333	$ 51,353,001	
74	Inst. Control	2117-2118		L1	$ 1,800,862	$ (226,581)		$ 78,714	$ 1,027,060	$ 50,727,066	
75	Inst. Control	2118-2119		L1, L2	$ 1,896,862	$ (226,581)		$ 83,514	$ 1,014,541	$ 49,987,812	
76	Inst. Control	2119-2120		L1	$ 1,800,862	$ (226,581)		$ 78,714	$ 999,756	$ 49,334,573	
77	Inst. Control	2120-2121		L1	$ 1,800,862	$ (226,581)		$ 78,714	$ 986,691	$ 48,668,270	
78	Inst. Control	2121-2122		L1	$ 1,800,862	$ (226,581)		$ 78,714	$ 973,365	$ 47,988,640	
79	Inst. Control	2122-2123		L1	$ 1,800,862	$ (226,581)		$ 78,714	$ 959,773	$ 47,295,418	
80	Inst. Control	2123-2124		L1, L2	$ 1,896,862	$ (226,581)		$ 83,514	$ 945,908	$ 46,487,531	
81	Inst. Control	2124-2125		L1, L3	$ 1,850,862	$ (226,581)		$ 81,214	$ 929,751	$ 45,711,787	
82	Inst. Control	2125-2126		L1	$ 1,800,862	$ (226,581)		$ 78,714	$ 914,236	$ 44,973,027	
83	Inst. Control	2126-2127		L1	$ 1,800,862	$ (226,581)		$ 78,714	$ 899,461	$ 44,219,493	
84	Inst. Control	2127-2128		L1	$ 1,800,862	$ (226,581)		$ 78,714	$ 884,390	$ 43,450,887	
85	Inst. Control	2128-2129		L1, L2	$ 1,896,862	$ (226,581)		$ 83,514	$ 869,018	$ 42,566,110	
86	Inst. Control	2129-2130		L1, L4	$ 2,057,862	$ (226,581)		$ 91,564	$ 851,322	$ 41,494,587	
87	Inst. Control	2130-2131		L1	$ 1,800,862	$ (226,581)		$ 78,714	$ 829,892	$ 40,671,484	
88	Inst. Control	2131-2132		L1	$ 1,800,862	$ (226,581)		$ 78,714	$ 813,430	$ 39,831,919	
89	Inst. Control	2132-2133		L1	$ 1,800,862	$ (226,581)		$ 78,714	$ 796,638	$ 38,975,562	
90	Inst. Control	2133-2134		L1, L2	$ 1,896,862	$ (226,581)		$ 83,514	$ 779,511	$ 38,001,278	
91	Inst. Control	2134-2135		L1, L3, L5	$ 1,977,022	$ (226,581)		$ 87,522	$ 760,026	$ 36,923,341	
92	Inst. Control	2135-2136		L1	$ 1,800,862	$ (226,581)		$ 78,714	$ 738,467	$ 36,008,812	
93	Inst. Control	2136-2137		L1	$ 1,800,862	$ (226,581)		$ 78,714	$ 720,176	$ 35,075,994	
94	Inst. Control	2137-2138		L1	$ 1,800,862	$ (226,581)		$ 78,714	$ 701,520	$ 34,124,518	
95	Inst. Control	2138-2139		L1, L2	$ 1,896,862	$ (226,581)		$ 83,514	$ 682,490	$ 33,053,214	
96	Inst. Control	2139-2140		L1	$ 1,800,862	$ (226,581)		$ 78,714	$ 661,064	$ 32,061,283	
97	Inst. Control	2140-2141		L1	$ 1,800,862	$ (226,581)		$ 78,714	$ 641,226	$ 31,049,514	
98	Inst. Control	2141-2142		L1	$ 1,800,862	$ (226,581)		$ 78,714	$ 620,990	$ 30,017,509	
99	Inst. Control	2142-2143		L1	$ 1,800,862	$ (226,581)		$ 78,714	$ 600,350	$ 28,964,864	
100	Inst. Control	2143-2144		L1, L6[9]	$ 2,700,862	$ (226,581)		$ 123,714	$ 579,297	$ 26,946,166	

Table 22: Extended Care Fund Analysis - Scenario 4
Cost Basis - Non-Annualized, Reduction in Monitoring and Maintenance Levels
Private Sector Approach - With Potential Cost Reductions

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.

[7] The cost of the Performance Assessment has been reduced by 18% based on use of pre-existing modeling programs.

[8] The cost of the Performance Assessment has been reduced by 22.5% based on use of pre-existing modeling programs and a 10% reduction in monitoring costs after 25 years of institutional control.

[9] The cost of the Performance Assessment has been reduced by 30% based on use of pre-existing modeling programs and a 25% reduction in monitoring costs after 50 years of institutional control.

Prepared By/Date: _____ / _____

Checked By/Date: _____ / _____

Table 23: Extended Care Fund Analysis - Scenario 5
Cost Basis - Non-Annualized, Monitoring and Maintenance Levels Constant, No Remedial Action
Private Sector Approach - With Potential Cost Reductions

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	$ 1,884,512			$ 94,226	$ 22,400	$ 1,719,135	$ 85,719,569
	In-region	2011-2012	Phase I Post-Closure	PI	$ 1,884,512			$ 94,226	$ 22,400	$ 1,714,391	$ 85,477,623
	In-region	2012-2013	Phase I Post-Closure	PI	$ 1,884,512			$ 94,226	$ 22,400	$ 1,709,552	$ 85,230,838
	In-region	2013-2014	Phase I Post-Closure	PI	$ 1,884,512			$ 94,226	$ 22,400	$ 1,704,617	$ 84,979,117
	In-region	2014-2015	Phase I Post-Closure	PI, P2 & P6	$ 3,114,512			$ 155,726	$ 22,400	$ 1,699,582	$ 83,430,862
	In-region	2015-2016	Long Term Care Level [4]	L1	$ 1,495,862			$ 74,793	$ 22,400	$ 1,668,617	$ 83,551,224
	In-region	2016-2017	Long Term Care Level	L1	$ 1,495,862			$ 74,793	$ 22,400	$ 1,671,024	$ 83,673,993
	In-region	2017-2018	Long Term Care Level	L1	$ 1,495,862			$ 74,793	$ 22,400	$ 1,673,480	$ 83,799,218
	In-region	2018-2019	Long Term Care Level	L1	$ 1,495,862			$ 74,793	$ 22,400	$ 1,675,984	$ 83,926,947
	In-region	2019-2020	Long Term Care Level	L1, L2	$ 1,591,862			$ 79,593	$ 22,400	$ 1,678,539	$ 83,956,431
	In-region	2020-2021	Long Term Care Level	L1	$ 1,495,862			$ 74,793	$ 22,400	$ 1,679,129	$ 84,087,305
	In-region	2021-2022	Long Term Care Level	L1	$ 1,495,862			$ 74,793	$ 22,400	$ 1,681,746	$ 84,220,796
	In-region	2022-2023	Long Term Care Level	L1	$ 1,495,862			$ 74,793	$ 22,400	$ 1,684,416	$ 84,356,956
	In-region	2023-2024	Long Term Care Level	L1	$ 1,495,862			$ 74,793	$ 22,400	$ 1,687,139	$ 84,495,840
	In-region	2024-2025	Long Term Care Level	L1, L2, L3	$ 1,641,862			$ 82,093	$ 22,400	$ 1,689,917	$ 84,484,202
	In-region	2025-2026	Long Term Care Level	L1	$ 1,495,862			$ 74,793	$ 22,400	$ 1,689,684	$ 84,625,631
	In-region	2026-2027	Long Term Care Level	L1	$ 1,495,862			$ 74,793	$ 22,400	$ 1,692,513	$ 84,769,889
	In-region	2027-2028	Long Term Care Level	L1	$ 1,495,862			$ 74,793	$ 22,400	$ 1,695,398	$ 84,917,031
	In-region	2028-2029	Long Term Care Level	L1	$ 1,495,862			$ 74,793	$ 22,400	$ 1,698,341	$ 85,067,117
	In-region	2029-2030	Long Term Care Level	L1, L2, L4	$ 1,848,862			$ 92,443	$ 22,400	$ 1,701,342	$ 84,849,554
	In-region	2030-2031	Long Term Care Level	L1	$ 1,495,862			$ 74,793	$ 22,400	$ 1,696,991	$ 84,998,290
	In-region	2031-2032	Long Term Care Level	L1	$ 1,495,862			$ 74,793	$ 22,400	$ 1,699,966	$ 85,150,001
	In-region	2032-2033	Long Term Care Level	L1	$ 1,495,862			$ 74,793	$ 22,400	$ 1,703,000	$ 85,304,746
	In-region	2033-2034	Long Term Care Level	L1	$ 1,495,862			$ 74,793	$ 22,400	$ 1,706,095	$ 85,462,585
	In-region	2034-2035	Long Term Care Level	L1, L2, L3, L5	$ 1,768,022			$ 88,401	$ 22,400	$ 1,709,252	$ 85,337,814
	In-region	2035-2036	Long Term Care Level	L1	$ 1,495,862			$ 74,793	$ 22,400	$ 1,706,756	$ 85,496,315
	In-region	2036-2037	Long Term Care Level	L1	$ 1,495,862			$ 74,793	$ 22,400	$ 1,709,926	$ 85,657,986

Table 23: Extended Care Fund Analysis - Scenario 5
Cost Basis - Non-Annualized, Monitoring and Maintenance Levels Constant, No Remedial Action
Private Sector Approach - With Potential Cost Reductions

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	$ 1,495,862			$ 74,793	$ 22,400	$ 1,713,160	$ 85,822,891
	In-region	2038-2039	Phase II Closure	P1, P2	$ 1,684,512			$ 84,226		$ 1,716,458	$ 85,770,611
		2039-2040	Phase II Post-Closure [5]	P1	$ 1,729,512			$ 86,476		$ 1,715,412	$ 85,670,036
		2040-2041	Phase II Post-Closure	P1	$ 1,729,512			$ 86,476		$ 1,713,401	$ 85,567,449
		2041-2042	Phase II Post-Closure	P1	$ 1,729,512			$ 86,476		$ 1,711,349	$ 85,462,810
		2042-2043	Phase II Post-Closure	P1	$ 1,729,512			$ 86,476		$ 1,709,256	$ 85,356,079
		2043-2044	Phase II Post-Closure	P1, P2, P6 [6,7]	$ 2,959,512			$ 147,976		$ 1,707,122	$ 83,955,713
1	Inst. Control	2044-2045	100 Yr. Inst. Control	L1, L3	$ 1,850,862			$ 92,543		$ 1,679,114	$ 83,691,422
2	Inst. Control	2045-2046		L1	$ 1,800,862			$ 90,043		$ 1,673,828	$ 83,474,345
3	Inst. Control	2046-2047		L1	$ 1,800,862			$ 90,043		$ 1,669,487	$ 83,252,927
4	Inst. Control	2047-2048		L1	$ 1,800,862			$ 90,043		$ 1,665,059	$ 83,027,081
5	Inst. Control	2048-2049		L1, L2	$ 1,896,862			$ 94,843		$ 1,660,542	$ 82,695,917
6	Inst. Control	2049-2050		L1, L4	$ 2,057,862			$ 102,893		$ 1,653,918	$ 82,189,080
7	Inst. Control	2050-2051		L1	$ 1,800,862			$ 90,043		$ 1,643,782	$ 81,941,957
8	Inst. Control	2051-2052		L1	$ 1,800,862			$ 90,043		$ 1,638,839	$ 81,689,891
9	Inst. Control	2052-2053		L1	$ 1,800,862			$ 90,043		$ 1,633,798	$ 81,432,784
10	Inst. Control	2053-2054		L1, L2	$ 1,821,862			$ 91,093		$ 1,628,656	$ 81,148,484
11	Inst. Control	2054-2055		L1, L3	$ 1,850,862			$ 92,543		$ 1,622,970	$ 80,828,049
12	Inst. Control	2055-2056		L1	$ 1,800,862			$ 90,043		$ 1,616,561	$ 80,553,705
13	Inst. Control	2056-2057		L1	$ 1,800,862			$ 90,043		$ 1,611,074	$ 80,273,874
14	Inst. Control	2057-2058		L1	$ 1,800,862			$ 90,043		$ 1,605,477	$ 79,988,446
15	Inst. Control	2058-2059		L1, L2	$ 1,896,862			$ 94,843		$ 1,599,769	$ 79,596,510
16	Inst. Control	2059-2060		L1, L5	$ 1,927,022			$ 96,351		$ 1,591,930	$ 79,165,067
17	Inst. Control	2060-2061		L1	$ 1,800,862			$ 90,043		$ 1,583,301	$ 78,857,463
18	Inst. Control	2061-2062		L1	$ 1,800,862			$ 90,043		$ 1,577,149	$ 78,543,707
19	Inst. Control	2062-2063		L1	$ 1,800,862			$ 90,043		$ 1,570,874	$ 78,223,677
20	Inst. Control	2063-2064		L1, L2	$ 1,896,862			$ 94,843		$ 1,564,474	$ 77,796,445
21	Inst. Control	2064-2065		L1, L3	$ 1,850,862			$ 92,543		$ 1,555,929	$ 77,408,969
22	Inst. Control	2065-2066		L1	$ 1,800,862			$ 90,043		$ 1,548,179	$ 77,066,243
23	Inst. Control	2066-2067		L1	$ 1,800,862			$ 90,043		$ 1,541,325	$ 76,716,663
24	Inst. Control	2067-2068		L1	$ 1,800,862			$ 90,043		$ 1,534,333	$ 76,360,091
25	Inst. Control	2068-2069		L1, L2, L6[8]	$ 3,096,862			$ 154,843		$ 1,527,202	$ 74,635,588
26	Inst. Control	2069-2070		L1, L4	$ 2,057,862			$ 102,893		$ 1,492,712	$ 73,967,544
27	Inst. Control	2070-2071		L1	$ 1,800,862			$ 90,043		$ 1,479,351	$ 73,555,990
28	Inst. Control	2071-2072		L1	$ 1,800,862			$ 90,043		$ 1,471,120	$ 73,136,205
29	Inst. Control	2072-2073		L1	$ 1,800,862			$ 90,043		$ 1,462,724	$ 72,708,024

Table 23: Extended Care Fund Analysis - Scenario 5
Cost Basis - Non-Annualized, Monitoring and Maintenance Levels Constant, No Remedial Action
Private Sector Approach - With Potential Cost Reductions

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	$ 1,896,862			$ 94,843	$ 1,454,160	$ 72,170,479	
31	Inst. Control	2074-2075		L1, L3	$ 1,850,862			$ 92,543	$ 1,443,410	$ 71,670,484	
32	Inst. Control	2075-2076		L1	$ 1,800,862			$ 90,043	$ 1,433,410	$ 71,212,988	
33	Inst. Control	2076-2077		L1	$ 1,800,862			$ 90,043	$ 1,424,260	$ 70,746,343	
34	Inst. Control	2077-2078		L1	$ 1,800,862			$ 90,043	$ 1,414,927	$ 70,270,365	
35	Inst. Control	2078-2079		L1, L2	$ 1,896,862			$ 94,843	$ 1,405,407	$ 69,684,067	
36	Inst. Control	2079-2080		L1	$ 1,800,862			$ 90,043	$ 1,393,681	$ 69,186,843	
37	Inst. Control	2080-2081		L1	$ 1,800,862			$ 90,043	$ 1,383,737	$ 68,679,675	
38	Inst. Control	2081-2082		L1	$ 1,800,862			$ 90,043	$ 1,373,593	$ 68,162,363	
39	Inst. Control	2082-2083		L1	$ 1,800,862			$ 90,043	$ 1,363,247	$ 67,634,705	
40	Inst. Control	2083-2084		L1, L2	$ 1,896,862			$ 94,843	$ 1,352,694	$ 66,995,694	
41	Inst. Control	2084-2085		L1, L3, L5	$ 1,977,022			$ 98,851	$ 1,339,914	$ 66,259,735	
42	Inst. Control	2085-2086		L1	$ 1,800,862			$ 90,043	$ 1,325,195	$ 65,694,025	
43	Inst. Control	2086-2087		L1	$ 1,800,862			$ 90,043	$ 1,313,880	$ 65,117,000	
44	Inst. Control	2087-2088		L1	$ 1,800,862			$ 90,043	$ 1,302,340	$ 64,528,435	
45	Inst. Control	2088-2089		L1, L2	$ 1,896,862			$ 94,843	$ 1,290,569	$ 63,827,299	
46	Inst. Control	2089-2090		L1, L4	$ 2,057,862			$ 102,893	$ 1,276,546	$ 62,943,090	
47	Inst. Control	2090-2091		L1	$ 1,800,862			$ 90,043	$ 1,258,862	$ 62,311,046	
48	Inst. Control	2091-2092		L1	$ 1,800,862			$ 90,043	$ 1,246,221	$ 61,666,362	
49	Inst. Control	2092-2093		L1	$ 1,800,862			$ 90,043	$ 1,233,327	$ 61,008,784	
50	Inst. Control	2093-2094		L1, L2, L6[9]	$ 3,096,862			$ 154,843	$ 1,220,176	$ 58,977,255	
51	Inst. Control	2094-2095		L1, L3	$ 1,850,862			$ 92,543	$ 1,179,545	$ 58,213,395	
52	Inst. Control	2095-2096		L1	$ 1,800,862			$ 90,043	$ 1,164,268	$ 57,486,758	
53	Inst. Control	2096-2097		L1	$ 1,800,862			$ 90,043	$ 1,149,735	$ 56,745,588	
54	Inst. Control	2097-2098		L1	$ 1,800,862			$ 90,043	$ 1,134,912	$ 55,989,594	
55	Inst. Control	2098-2099		L1, L2	$ 1,896,862			$ 94,843	$ 1,119,792	$ 55,117,681	
56	Inst. Control	2099-2100		L1	$ 1,800,862			$ 90,043	$ 1,102,354	$ 54,329,130	
57	Inst. Control	2100-2101		L1	$ 1,800,862			$ 90,043	$ 1,086,583	$ 53,524,807	
58	Inst. Control	2101-2102		L1	$ 1,800,862			$ 90,043	$ 1,070,496	$ 52,704,398	
59	Inst. Control	2102-2103		L1	$ 1,800,862			$ 90,043	$ 1,054,088	$ 51,867,581	
60	Inst. Control	2103-2104		L1, L2	$ 1,896,862			$ 94,843	$ 1,037,352	$ 50,913,228	
61	Inst. Control	2104-2105		L1, L3	$ 1,850,862			$ 92,543	$ 1,018,265	$ 49,988,087	
62	Inst. Control	2105-2106		L1	$ 1,800,862			$ 90,043	$ 999,762	$ 49,096,944	
63	Inst. Control	2106-2107		L1	$ 1,800,862			$ 90,043	$ 981,939	$ 48,187,977	
64	Inst. Control	2107-2108		L1	$ 1,800,862			$ 90,043	$ 963,760	$ 47,260,832	
65	Inst. Control	2108-2109		L1, L2	$ 1,896,862			$ 94,843	$ 945,217	$ 46,214,343	

Table 23: Extended Care Fund Analysis - Scenario 5
Cost Basis - Non-Annualized, Monitoring and Maintenance Levels Constant, No Remedial Action
Private Sector Approach - With Potential Cost Reductions

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	$ 2,184,022			$ 109,201		$ 924,287	$ 44,845,407
67	Inst. Control	2110-2111		L1	$ 1,800,862			$ 90,043		$ 896,908	$ 43,851,410
68	Inst. Control	2111-2112		L1	$ 1,800,862			$ 90,043		$ 877,028	$ 42,837,533
69	Inst. Control	2112-2113		L1	$ 1,800,862			$ 90,043		$ 856,751	$ 41,803,379
70	Inst. Control	2113-2114		L1, L2	$ 1,896,862			$ 94,843		$ 836,068	$ 40,647,741
71	Inst. Control	2114-2115		L1, L3	$ 1,850,862			$ 92,543		$ 812,955	$ 39,517,291
72	Inst. Control	2115-2116		L1	$ 1,800,862			$ 90,043		$ 790,346	$ 38,416,732
73	Inst. Control	2116-2117		L1	$ 1,800,862			$ 90,043		$ 768,335	$ 37,294,161
74	Inst. Control	2117-2118		L1	$ 1,800,862			$ 90,043		$ 745,883	$ 36,149,139
75	Inst. Control	2118-2119		L1, L2	$ 1,896,862			$ 94,843		$ 722,983	$ 34,880,417
76	Inst. Control	2119-2120		L1	$ 1,800,862			$ 90,043		$ 697,608	$ 33,687,120
77	Inst. Control	2120-2121		L1	$ 1,800,862			$ 90,043		$ 673,742	$ 32,469,958
78	Inst. Control	2121-2122		L1	$ 1,800,862			$ 90,043		$ 649,399	$ 31,228,452
79	Inst. Control	2122-2123		L1	$ 1,800,862			$ 90,043		$ 624,569	$ 29,962,116
80	Inst. Control	2123-2124		L1, L2	$ 1,896,862			$ 94,843		$ 599,242	$ 28,569,653
81	Inst. Control	2124-2125		L1, L3	$ 1,850,862			$ 92,543		$ 571,393	$ 27,197,641
82	Inst. Control	2125-2126		L1	$ 1,800,862			$ 90,043		$ 543,953	$ 25,850,689
83	Inst. Control	2126-2127		L1	$ 1,800,862			$ 90,043		$ 517,014	$ 24,476,797
84	Inst. Control	2127-2128		L1	$ 1,800,862			$ 90,043		$ 489,536	$ 23,075,428
85	Inst. Control	2128-2129		L1, L2	$ 1,896,862			$ 94,843		$ 461,509	$ 21,545,232
86	Inst. Control	2129-2130		L1, L4	$ 2,057,862			$ 102,893		$ 430,905	$ 19,815,381
87	Inst. Control	2130-2131		L1	$ 1,800,862			$ 90,043		$ 396,308	$ 18,320,784
88	Inst. Control	2131-2132		L1	$ 1,800,862			$ 90,043		$ 366,416	$ 16,796,294
89	Inst. Control	2132-2133		L1	$ 1,800,862			$ 90,043		$ 335,926	$ 15,241,315
90	Inst. Control	2133-2134		L1, L2	$ 1,896,862			$ 94,843		$ 304,826	$ 13,554,436
91	Inst. Control	2134-2135		L1, L3, L5	$ 1,977,022			$ 98,851		$ 271,089	$ 11,749,652
92	Inst. Control	2135-2136		L1	$ 1,800,862			$ 90,043		$ 234,993	$ 10,093,740
93	Inst. Control	2136-2137		L1	$ 1,800,862			$ 90,043		$ 201,875	$ 8,404,709
94	Inst. Control	2137-2138		L1	$ 1,800,862			$ 90,043		$ 168,094	$ 6,681,899
95	Inst. Control	2138-2139		L1, L2	$ 1,896,862			$ 94,843		$ 133,638	$ 4,823,831
96	Inst. Control	2139-2140		L1	$ 1,800,862			$ 90,043		$ 96,477	$ 3,029,403
97	Inst. Control	2140-2141		L1	$ 1,800,862			$ 90,043		$ 60,588	$ 1,199,086
98	Inst. Control	2141-2142		L1	$ 1,800,862			$ 90,043		$ 23,982	$ (667,838)
99	Inst. Control	2142-2143		L1	$ 1,800,862			$ 90,043		$ -	$ (2,558,743)
100	Inst. Control	2143-2144		L1, L6[9]	$ 3,000,862			$ 150,043		$ -	$ (5,709,648)

Table 23: Extended Care Fund Analysis - Scenario 5
Cost Basis - Non-Annualized, Monitoring and Maintenance Levels Constant, No Remedial Action
Private Sector Approach - With Potential Cost Reductions

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.

[7] The cost of the Performance Assessment has been reduced by 18% based on use of pre-existing modeling programs.

[8] The cost of the Performance Assessment has been reduced by 22.5% based on use of pre-existing modeling programs and a 10% reduction in monitoring costs after 25 years of institutional control.

[9] The cost of the Performance Assessment has been reduced by 30% based on use of pre-existing modeling programs and a 25% reduction in monitoring costs after 50 years of institutional control.

Prepared By/Date: _____ / _____

Checked By/Date: _____ / _____

Table 24: Extended Care Fund Analysis - Scenario 6
Cost Basis - Non-Annualized, Reduction in Monitoring and Maintenance Levels, Remedial Action
Private Sector Approach - With Potential Cost Reductions

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	$ 1,884,512			$ 94,226	$ 22,400	$ 1,719,135	$ 85,719,569
	In-region	2011-2012	Phase I Post-Closure	PI	$ 1,884,512			$ 94,226	$ 22,400	$ 1,714,391	$ 85,477,623
	In-region	2012-2013	Phase I Post-Closure	PI	$ 1,884,512			$ 94,226	$ 22,400	$ 1,709,552	$ 85,230,838
	In-region	2013-2014	Phase I Post-Closure	PI	$ 1,884,512			$ 94,226	$ 22,400	$ 1,704,617	$ 84,979,117
	In-region	2014-2015	Phase I Post-Closure	PI, P2 & P6	$ 3,114,512			$ 155,726	$ 22,400	$ 1,699,582	$ 83,430,862
	In-region	2015-2016	Long Term Care Level [4]	L1	$ 1,495,862			$ 74,793	$ 22,400	$ 1,668,617	$ 83,551,224
	In-region	2016-2017	Long Term Care Level	L1	$ 1,495,862			$ 74,793	$ 22,400	$ 1,671,024	$ 83,673,993
	In-region	2017-2018	Long Term Care Level	L1	$ 1,495,862			$ 74,793	$ 22,400	$ 1,673,480	$ 83,799,218
	In-region	2018-2019	Long Term Care Level	L1	$ 1,495,862			$ 74,793	$ 22,400	$ 1,675,984	$ 83,926,947
	In-region	2019-2020	Long Term Care Level	L1, L2	$ 1,591,862			$ 79,593	$ 22,400	$ 1,678,539	$ 83,956,431
	In-region	2020-2021	Long Term Care Level	L1	$ 1,495,862			$ 74,793	$ 22,400	$ 1,679,129	$ 84,087,305
	In-region	2021-2022	Long Term Care Level	L1	$ 1,495,862			$ 74,793	$ 22,400	$ 1,681,746	$ 84,220,796
	In-region	2022-2023	Long Term Care Level	L1	$ 1,495,862			$ 74,793	$ 22,400	$ 1,684,416	$ 84,356,956
	In-region	2023-2024	Long Term Care Level	L1	$ 1,495,862			$ 74,793	$ 22,400	$ 1,687,139	$ 84,495,840
	In-region	2024-2025	Long Term Care Level	L1, L2, L3	$ 1,641,862			$ 82,093	$ 22,400	$ 1,689,917	$ 84,484,202
	In-region	2025-2026	Long Term Care Level	L1	$ 1,495,862			$ 74,793	$ 22,400	$ 1,689,684	$ 84,625,631
	In-region	2026-2027	Long Term Care Level	L1	$ 1,495,862			$ 74,793	$ 22,400	$ 1,692,513	$ 84,769,889
	In-region	2027-2028	Long Term Care Level	L1	$ 1,495,862			$ 74,793	$ 22,400	$ 1,695,398	$ 84,917,031
	In-region	2028-2029	Long Term Care Level	L1	$ 1,495,862			$ 74,793	$ 22,400	$ 1,698,341	$ 85,067,117
	In-region	2029-2030	Long Term Care Level	L1, L2, L4	$ 1,848,862			$ 92,443	$ 22,400	$ 1,701,342	$ 84,849,554
	In-region	2030-2031	Long Term Care Level	L1	$ 1,495,862			$ 74,793	$ 22,400	$ 1,696,991	$ 84,998,290
	In-region	2031-2032	Long Term Care Level	L1	$ 1,495,862			$ 74,793	$ 22,400	$ 1,699,966	$ 85,150,001
	In-region	2032-2033	Long Term Care Level	L1	$ 1,495,862			$ 74,793	$ 22,400	$ 1,703,000	$ 85,304,746
	In-region	2033-2034	Long Term Care Level	L1	$ 1,495,862			$ 74,793	$ 22,400	$ 1,706,095	$ 85,462,585
	In-region	2034-2035	Long Term Care Level	L1, L2, L3, L5	$ 1,768,022			$ 88,401	$ 22,400	$ 1,709,252	$ 85,337,814
	In-region	2035-2036	Long Term Care Level	L1	$ 1,495,862			$ 74,793	$ 22,400	$ 1,706,756	$ 85,496,315
	In-region	2036-2037	Long Term Care Level	L1	$ 1,495,862			$ 74,793	$ 22,400	$ 1,709,926	$ 85,657,986

Table 24: Extended Care Fund Analysis - Scenario 6
Cost Basis - Non-Annualized, Reduction in Monitoring and Maintenance Levels, Remedial Action
Private Sector Approach - With Potential Cost Reductions

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	$ 1,495,862			$ 74,793	$ 22,400	$ 1,713,160	$ 85,822,891
	In-region	2038-2039	Phase II Closure	P1, P2	$ 1,684,512			$ 84,226		$ 1,716,458	$ 85,770,611
		2039-2040	Phase II Post-Closure [5]	P1	$ 1,729,512			$ 86,476		$ 1,715,412	$ 85,670,036
		2040-2041	Phase II Post-Closure	P1	$ 1,729,512			$ 86,476		$ 1,713,401	$ 85,567,449
		2041-2042	Phase II Post-Closure	P1	$ 1,729,512			$ 86,476		$ 1,711,349	$ 85,462,810
		2042-2043	Phase II Post-Closure	P1	$ 1,729,512			$ 86,476		$ 1,709,256	$ 85,356,079
		2043-2044	Phase II Post-Closure	P1, P2, P6 [6,7]	$ 2,959,512			$ 147,976		$ 1,707,122	$ 83,955,713
1	Inst. Control	2044-2045	100 Yr. Inst. Control	L1, L3	$ 1,850,862		$ 1,000,000	$ 142,543		$ 1,679,114	$ 82,641,422
2	Inst. Control	2045-2046		L1	$ 1,800,862		$ 500,000	$ 115,043		$ 1,652,828	$ 81,878,345
3	Inst. Control	2046-2047		L1	$ 1,800,862		$ 500,000	$ 115,043		$ 1,637,567	$ 81,100,007
4	Inst. Control	2047-2048		L1	$ 1,800,862		$ 500,000	$ 115,043		$ 1,622,000	$ 80,306,102
5	Inst. Control	2048-2049		L1, L2	$ 1,896,862		$ 500,000	$ 119,843		$ 1,606,122	$ 79,395,519
6	Inst. Control	2049-2050		L1, L4	$ 2,057,862		$ 500,000	$ 127,893		$ 1,587,910	$ 78,297,675
7	Inst. Control	2050-2051		L1	$ 1,800,862		$ 500,000	$ 115,043		$ 1,565,953	$ 77,447,723
8	Inst. Control	2051-2052		L1	$ 1,800,862		$ 500,000	$ 115,043		$ 1,548,954	$ 76,580,772
9	Inst. Control	2052-2053		L1	$ 1,800,862		$ 500,000	$ 115,043		$ 1,531,615	$ 75,696,483
10	Inst. Control	2053-2054		L1, L2	$ 1,821,862		$ 500,000	$ 116,093		$ 1,513,930	$ 74,772,457
11	Inst. Control	2054-2055		L1, L3	$ 1,850,862		$ 500,000	$ 117,543		$ 1,495,449	$ 73,799,501
12	Inst. Control	2055-2056		L1	$ 1,800,862		$ 500,000	$ 115,043		$ 1,475,990	$ 72,859,586
13	Inst. Control	2056-2057		L1	$ 1,800,862		$ 500,000	$ 115,043		$ 1,457,192	$ 71,900,873
14	Inst. Control	2057-2058		L1	$ 1,800,862		$ 500,000	$ 115,043		$ 1,438,017	$ 70,922,985
15	Inst. Control	2058-2059		L1, L2	$ 1,896,862		$ 500,000	$ 119,843		$ 1,418,460	$ 69,824,740
16	Inst. Control	2059-2060		L1, L5	$ 1,927,022		$ 500,000	$ 121,351		$ 1,396,495	$ 68,672,861
17	Inst. Control	2060-2061		L1	$ 1,800,862		$ 500,000	$ 115,043		$ 1,373,457	$ 67,630,414
18	Inst. Control	2061-2062		L1	$ 1,800,862		$ 500,000	$ 115,043		$ 1,352,608	$ 66,567,117
19	Inst. Control	2062-2063		L1	$ 1,800,862		$ 500,000	$ 115,043		$ 1,331,342	$ 65,482,554
20	Inst. Control	2063-2064		L1, L2	$ 1,896,862			$ 94,843		$ 1,309,651	$ 64,800,500
21	Inst. Control	2064-2065		L1, L3	$ 1,850,862			$ 92,543		$ 1,296,010	$ 64,153,105
22	Inst. Control	2065-2066		L1	$ 1,800,862			$ 90,043		$ 1,283,062	$ 63,545,262
23	Inst. Control	2066-2067		L1	$ 1,800,862			$ 90,043		$ 1,270,905	$ 62,925,262
24	Inst. Control	2067-2068		L1	$ 1,800,862			$ 90,043		$ 1,258,505	$ 62,292,862
25	Inst. Control	2068-2069		L1, L2, L6 [8]	$ 3,096,862			$ 154,843		$ 1,245,857	$ 60,287,014
26	Inst. Control	2069-2070		L1, L4	$ 2,057,862	$ (100,791)		$ 97,854		$ 1,205,740	$ 59,437,830
27	Inst. Control	2070-2071		L1	$ 1,800,862	$ (100,791)		$ 85,004		$ 1,188,757	$ 58,841,512
28	Inst. Control	2071-2072		L1	$ 1,800,862	$ (100,791)		$ 85,004		$ 1,176,830	$ 58,233,268
29	Inst. Control	2072-2073		L1	$ 1,800,862	$ (100,791)		$ 85,004		$ 1,164,665	$ 57,612,859

Table 24: Extended Care Fund Analysis - Scenario 6
Cost Basis - Non-Annualized, Reduction in Monitoring and Maintenance Levels, Remedial Action
Private Sector Approach - With Potential Cost Reductions

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	$ 1,896,862	$ (100,791)		$ 89,804		$ 1,152,257	$ 56,879,241
31	Inst. Control	2074-2075		L1, L3	$ 1,850,862	$ (100,791)		$ 87,504		$ 1,137,585	$ 56,179,251
32	Inst. Control	2075-2076		L1	$ 1,800,862	$ (100,791)		$ 85,004		$ 1,123,585	$ 55,517,762
33	Inst. Control	2076-2077		L1	$ 1,800,862	$ (100,791)		$ 85,004		$ 1,110,355	$ 54,843,043
34	Inst. Control	2077-2078		L1	$ 1,800,862	$ (100,791)		$ 85,004		$ 1,096,861	$ 54,154,829
35	Inst. Control	2078-2079		L1, L2	$ 1,896,862	$ (100,791)		$ 89,804		$ 1,083,097	$ 53,352,051
36	Inst. Control	2079-2080		L1	$ 1,800,862	$ (100,791)		$ 85,004		$ 1,067,041	$ 52,634,017
37	Inst. Control	2080-2081		L1	$ 1,800,862	$ (100,791)		$ 85,004		$ 1,052,680	$ 51,901,623
38	Inst. Control	2081-2082		L1	$ 1,800,862	$ (100,791)		$ 85,004		$ 1,038,032	$ 51,154,581
39	Inst. Control	2082-2083		L1	$ 1,800,862	$ (100,791)		$ 85,004		$ 1,023,092	$ 50,392,598
40	Inst. Control	2083-2084		L1, L2	$ 1,896,862	$ (100,791)		$ 89,804		$ 1,007,852	$ 49,514,576
41	Inst. Control	2084-2085		L1, L3, L5	$ 1,977,022	$ (100,791)		$ 93,812		$ 990,292	$ 48,534,825
42	Inst. Control	2085-2086		L1	$ 1,800,862	$ (100,791)		$ 85,004		$ 970,696	$ 47,720,446
43	Inst. Control	2086-2087		L1	$ 1,800,862	$ (100,791)		$ 85,004		$ 954,409	$ 46,889,781
44	Inst. Control	2087-2088		L1	$ 1,800,862	$ (100,791)		$ 85,004		$ 937,796	$ 46,042,502
45	Inst. Control	2088-2089		L1, L2	$ 1,896,862	$ (100,791)		$ 89,804		$ 920,850	$ 45,077,477
46	Inst. Control	2089-2090		L1, L4	$ 2,057,862	$ (100,791)		$ 97,854		$ 901,550	$ 43,924,102
47	Inst. Control	2090-2091		L1	$ 1,800,862	$ (100,791)		$ 85,004		$ 878,482	$ 43,017,510
48	Inst. Control	2091-2092		L1	$ 1,800,862	$ (100,791)		$ 85,004		$ 860,350	$ 42,092,786
49	Inst. Control	2092-2093		L1	$ 1,800,862	$ (100,791)		$ 85,004		$ 841,856	$ 41,149,567
50	Inst. Control	2093-2094		L1, L2, L6[9]	$ 3,096,862	$ (226,581)		$ 143,514		$ 822,991	$ 38,958,763
51	Inst. Control	2094-2095		L1, L3	$ 1,850,862	$ (226,581)		$ 81,214		$ 779,175	$ 38,032,443
52	Inst. Control	2095-2096		L1	$ 1,800,862	$ (226,581)		$ 78,714		$ 760,649	$ 37,140,097
53	Inst. Control	2096-2097		L1	$ 1,800,862	$ (226,581)		$ 78,714		$ 742,802	$ 36,229,904
54	Inst. Control	2097-2098		L1	$ 1,800,862	$ (226,581)		$ 78,714		$ 724,598	$ 35,301,507
55	Inst. Control	2098-2099		L1, L2	$ 1,896,862	$ (226,581)		$ 83,514		$ 706,030	$ 34,253,742
56	Inst. Control	2099-2100		L1	$ 1,800,862	$ (226,581)		$ 78,714		$ 685,075	$ 33,285,822
57	Inst. Control	2100-2101		L1	$ 1,800,862	$ (226,581)		$ 78,714		$ 665,716	$ 32,298,543
58	Inst. Control	2101-2102		L1	$ 1,800,862	$ (226,581)		$ 78,714		$ 645,971	$ 31,291,519
59	Inst. Control	2102-2103		L1	$ 1,800,862	$ (226,581)		$ 78,714		$ 625,830	$ 30,264,354
60	Inst. Control	2103-2104		L1, L2	$ 1,896,862	$ (226,581)		$ 83,514		$ 605,287	$ 29,115,846
61	Inst. Control	2104-2105		L1, L3	$ 1,850,862	$ (226,581)		$ 81,214		$ 582,317	$ 27,992,668
62	Inst. Control	2105-2106		L1	$ 1,800,862	$ (226,581)		$ 78,714		$ 559,853	$ 26,899,527
63	Inst. Control	2106-2107		L1	$ 1,800,862	$ (226,581)		$ 78,714		$ 537,991	$ 25,784,522
64	Inst. Control	2107-2108		L1	$ 1,800,862	$ (226,581)		$ 78,714		$ 515,690	$ 24,647,217
65	Inst. Control	2108-2109		L1, L2	$ 1,896,862	$ (226,581)		$ 83,514		$ 492,944	$ 23,386,367

Table 24: Extended Care Fund Analysis - Scenario 6
Cost Basis - Non-Annualized, Reduction in Monitoring and Maintenance Levels, Remedial Action
Private Sector Approach - With Potential Cost Reductions

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	$ 2,184,022	$ (226,581)		$ 97,872	$ 467,727	$	21,798,781
67	Inst. Control	2110-2111		L1	$ 1,800,862	$ (226,581)		$ 78,714	$ 435,976	$	20,581,762
68	Inst. Control	2111-2112		L1	$ 1,800,862	$ (226,581)		$ 78,714	$ 411,635	$	19,340,402
69	Inst. Control	2112-2113		L1	$ 1,800,862	$ (226,581)		$ 78,714	$ 386,808	$	18,074,215
70	Inst. Control	2113-2114		L1, L2	$ 1,896,862	$ (226,581)		$ 83,514	$ 361,484	$	16,681,904
71	Inst. Control	2114-2115		L1, L3	$ 1,850,862	$ (226,581)		$ 81,214	$ 333,638	$	15,310,047
72	Inst. Control	2115-2116		L1	$ 1,800,862	$ (226,581)		$ 78,714	$ 306,201	$	13,963,253
73	Inst. Control	2116-2117		L1	$ 1,800,862	$ (226,581)		$ 78,714	$ 279,265	$	12,589,523
74	Inst. Control	2117-2118		L1	$ 1,800,862	$ (226,581)		$ 78,714	$ 251,790	$	11,188,318
75	Inst. Control	2118-2119		L1, L2	$ 1,896,862	$ (226,581)		$ 83,514	$ 223,766	$	9,658,290
76	Inst. Control	2119-2120		L1	$ 1,800,862	$ (226,581)		$ 78,714	$ 193,166	$	8,198,460
77	Inst. Control	2120-2121		L1	$ 1,800,862	$ (226,581)		$ 78,714	$ 163,969	$	6,709,435
78	Inst. Control	2121-2122		L1	$ 1,800,862	$ (226,581)		$ 78,714	$ 134,189	$	5,190,628
79	Inst. Control	2122-2123		L1	$ 1,800,862	$ (226,581)		$ 78,714	$ 103,813	$	3,641,446
80	Inst. Control	2123-2124		L1, L2	$ 1,896,862	$ (226,581)		$ 83,514	$ 72,829	$	1,960,480
81	Inst. Control	2124-2125		L1, L3	$ 1,850,862	$ (226,581)		$ 81,214	$ 39,210	$	294,194
82	Inst. Control	2125-2126		L1	$ 1,800,862	$ (226,581)		$ 78,714	$ 5,884	$	(1,352,917)
83	Inst. Control	2126-2127		L1	$ 1,800,862	$ (226,581)		$ 78,714	$ -	$	(3,005,912)
84	Inst. Control	2127-2128		L1	$ 1,800,862	$ (226,581)		$ 78,714	$ -	$	(4,658,907)
85	Inst. Control	2128-2129		L1, L2	$ 1,896,862	$ (226,581)		$ 83,514	$ -	$	(6,412,702)
86	Inst. Control	2129-2130		L1, L4	$ 2,057,862	$ (226,581)		$ 91,564	$ -	$	(8,335,547)
87	Inst. Control	2130-2131		L1	$ 1,800,862	$ (226,581)		$ 78,714	$ -	$	(9,988,542)
88	Inst. Control	2131-2132		L1	$ 1,800,862	$ (226,581)		$ 78,714	$ -	$	(11,641,537)
89	Inst. Control	2132-2133		L1	$ 1,800,862	$ (226,581)		$ 78,714	$ -	$	(13,294,532)
90	Inst. Control	2133-2134		L1, L2	$ 1,896,862	$ (226,581)		$ 83,514	$ -	$	(15,048,327)
91	Inst. Control	2134-2135		L1, L3, L5	$ 1,977,022	$ (226,581)		$ 87,522	$ -	$	(16,886,290)
92	Inst. Control	2135-2136		L1	$ 1,800,862	$ (226,581)		$ 78,714	$ -	$	(18,539,285)
93	Inst. Control	2136-2137		L1	$ 1,800,862	$ (226,581)		$ 78,714	$ -	$	(20,192,281)
94	Inst. Control	2137-2138		L1	$ 1,800,862	$ (226,581)		$ 78,714	$ -	$	(21,845,276)
95	Inst. Control	2138-2139		L1, L2	$ 1,896,862	$ (226,581)		$ 83,514	$ -	$	(23,599,071)
96	Inst. Control	2139-2140		L1	$ 1,800,862	$ (226,581)		$ 78,714	$ -	$	(25,252,066)
97	Inst. Control	2140-2141		L1	$ 1,800,862	$ (226,581)		$ 78,714	$ -	$	(26,905,061)
98	Inst. Control	2141-2142		L1	$ 1,800,862	$ (226,581)		$ 78,714	$ -	$	(28,558,056)
99	Inst. Control	2142-2143		L1	$ 1,800,862	$ (226,581)		$ 78,714	$ -	$	(30,211,051)
100	Inst. Control	2143-2144		L1, L6[3]	$ 3,000,862	$ (226,581)		$ 138,714	$ -	$	(33,124,046)

Table 24: Extended Care Fund Analysis - Scenario 6
Cost Basis - Non-Annualized, Reduction in Monitoring and Maintenance Levels, Remedial Action
Private Sector Approach - With Potential Cost Reductions

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.

[7] The cost of the Performance Assessment has been reduced by 18% based on use of pre-existing modeling programs.

[8] The cost of the Performance Assessment has been reduced by 22.5% based on use of pre-existing modeling programs and a 10% reduction in monitoring costs after 25 years of institutional control.

[9] The cost of the Performance Assessment has been reduced by 30% based on use of pre-existing modeling programs and a 25% reduction in monitoring costs after 50 years of institutional control.

Prepared By/Date: _____ / _____

Checked By/Date: _____ / _____