Table 1: Atomic Waste Burial Fund [1]
Sub Fund 4693
As of 9/30/2001

Year No.	Principal	Interest	Disbursements	Transfers	Balance
1972	$ 5,315.81				$ 5,315.81
1973	$ 18,278.97	$ 388.08			$ 23,982.86
1974	$ 54,101.11	$ 1,682.63			$ 79,766.60
1975	$ 50,933.10	$ 8,249.39			$ 138,949.09
1976	$ 54,428.52	$ 8,753.75			$ 202,131.36
1977	$ 251,258.17	$ 13,926.90			$ 467,316.43
1978	$ 268,993.06	$ 31,087.69			$ 767,397.18
1979	$ 379,061.52	$ 67,691.53			$ 1,214,150.23
1980	$ 826,970.00	$ 148,044.55			$ 2,189,164.78
1981	$ 1,773,545.66	$ 329,423.77			$ 4,292,134.21
1982	$ 1,441,175.38	$ 750,443.53			$ 6,483,753.12
1983	$ 2,461,631.12	$ 900,048.46			$ 9,845,432.70
1984	$ 2,768,517.37	$ 944,872.13			$ 13,558,822.20
1985	$ 3,033,099.75	$ 1,546,094.06			$ 18,138,016.01
1986	$ 3,251,205.60	$ 1,511,517.47			$ 22,900,739.08
1987	$ 2,909,818.74	$ 1,495,355.21			$ 27,305,913.03
1988	$ 2,672,421.05	$ 1,959,342.35			$ 31,937,676.43
1989	$ 2,631,465.37	$ 3,060,008.08			$ 37,629,149.88
1990	$ 2,846,422.82	$ 3,204,822.02			$ 43,680,394.72
1991 [2]	$ 2,249,716.97	$ 3,721,393.08			$ 49,651,504.77
1992	$ 2,138,951.77	$ 3,094,142.25			$ 54,884,598.79
1993	$ 2,259,981.18	$ 2,481,554.95			$ 59,626,134.92
1994 [2]	$ 1,744,173.51	$ 2,712,365.95			$ 64,082,674.38
1995	$ 1,891,944.86	$ 4,090,566.11			$ 70,065,185.35
1996	$ 1,339,617.52	$ 4,249,109.95			$ 75,653,912.82
1997	$ 898,918.89	$ 4,690,403.51			$ 81,243,235.22
1998	$ 626,764.26	$ 5,407,230.13			$ 87,277,229.61
1999	$ 487,544.45	$ 5,242,968.94			$ 93,007,743.00

Table 1: Atomic Waste Burial Fund [1]
Sub Fund 4693
As of 9/30/2001

Year No.	Principal	Interest	Disbursements	Transfers	Balance
2000	$ 434,211.09	$ 5,413,327.05			$ 98,855,281.14
2001	$ 321,056.70	$ 6,598,771.94			$ 105,775,109.78
2002	$ 172,479.44	$ 1,305,237.89		$ (38,500,000.00)	$ 68,752,827.11
Total	$ 42,264,003.76	$ 64,988,823.35	$ -	$ (38,500,000.00)	$ 68,752,827.11

[1] This fund was established pursuant to a Lease Agreement between the State of South Carolina and Chem Nuclear dated April 6, 1976, and amended in 1979 and 1982, requiring the establishment of a perpetual burial fund for the maintenance and upkeep of the facility after its closing.

[2] Previous closing dates for the Barnwell site in states laws that have since been replealed were January 1, 1992, and January 1, 1995.

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

Table 2: Scenario Descriptions

Scenario Name	Scenario Description
Scenario 1	"Base Case" scenario featuring a Public Sector Approach with a Stepwise Reduction in Monitoring and Maintenance Levels during the institutional control period
Scenario 2	Public Sector Approach with Monitoring and Maintenance Levels Remaining Constant and No Remedial Action
Scenario 3	Public Sector Approach with a Stepwise Reduction in Monitoring and Maintenance Levels during the institutional control period and including a Remedial Action
Scenario 4	Private Sector Approach with a Stepwise Reduction in Monitoring and Maintenance Levels during the institutional control period
Scenario 5	Private Sector Approach with Monitoring and Maintenance Levels Remaining Constant and No Remedial Action
Scenario 6	Private Sector Approach with a Stepwise Reduction in Monitoring and Maintenance Levels during the institutional control period and including a Remedial Action

Prepared By/Date: _____ / _____

Checked By/Date: _____ / _____

Table 3: Currently Planned Extended Care Fund Cost Elements

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 4: Post-Closure Expense Categories - Public 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)	0%		$	-	
Total Recurring Yearly Expenses			$	1,795,750.00	

Continued on Next Page

Table 4: Post-Closure Expense Categories - Public 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 5: Long-Term Care Expense Categories - Public 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)	0%	$	-	
		Total Recurring Yearly Expenses	$	1,700,850.00	

Continued on Next Page

Table 5: Long-Term Care Expense Categories - Public 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 6: Extended Care Fund Analysis - Scenario 1
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	$ 1,795,750			$ 89,788	$ 22,400	$ 1,719,135	$ 85,812,769
	In-region	2011-2012	Phase I Post-Closure	PI	$ 1,795,750			$ 89,788	$ 22,400	$ 1,716,255	$ 85,665,887
	In-region	2012-2013	Phase I Post-Closure	PI	$ 1,795,750			$ 89,788	$ 22,400	$ 1,713,318	$ 85,516,067
	In-region	2013-2014	Phase I Post-Closure	PI	$ 1,795,750			$ 89,788	$ 22,400	$ 1,710,321	$ 85,363,251
	In-region	2014-2015	Phase I Post-Closure	PI, P2 & P6	$ 3,025,750			$ 151,288	$ 22,400	$ 1,707,265	$ 83,915,879
	In-region	2015-2016	Long Term Care Level [4]	L1	$ 1,602,850			$ 80,143	$ 22,400	$ 1,678,318	$ 83,933,604
	In-region	2016-2017	Long Term Care Level	L1	$ 1,602,850			$ 80,143	$ 22,400	$ 1,678,672	$ 83,951,683
	In-region	2017-2018	Long Term Care Level	L1	$ 1,602,850			$ 80,143	$ 22,400	$ 1,679,034	$ 83,970,125
	In-region	2018-2019	Long Term Care Level	L1	$ 1,602,850			$ 80,143	$ 22,400	$ 1,679,402	$ 83,988,935
	In-region	2019-2020	Long Term Care Level	L1, L2	$ 1,698,850			$ 84,943	$ 22,400	$ 1,679,779	$ 83,907,321
	In-region	2020-2021	Long Term Care Level	L1	$ 1,602,850			$ 80,143	$ 22,400	$ 1,678,146	$ 83,924,875
	In-region	2021-2022	Long Term Care Level	L1	$ 1,602,850			$ 80,143	$ 22,400	$ 1,678,497	$ 83,942,780
	In-region	2022-2023	Long Term Care Level	L1	$ 1,602,850			$ 80,143	$ 22,400	$ 1,678,856	$ 83,961,043
	In-region	2023-2024	Long Term Care Level	L1	$ 1,602,850			$ 80,143	$ 22,400	$ 1,679,221	$ 83,979,671
	In-region	2024-2025	Long Term Care Level	L1, L2, L3	$ 1,748,850			$ 87,443	$ 22,400	$ 1,679,593	$ 83,845,372
	In-region	2025-2026	Long Term Care Level	L1	$ 1,602,850			$ 80,143	$ 22,400	$ 1,676,907	$ 83,861,687
	In-region	2026-2027	Long Term Care Level	L1	$ 1,602,850			$ 80,143	$ 22,400	$ 1,677,234	$ 83,878,328
	In-region	2027-2028	Long Term Care Level	L1	$ 1,602,850			$ 80,143	$ 22,400	$ 1,677,567	$ 83,895,302
	In-region	2028-2029	Long Term Care Level	L1	$ 1,602,850			$ 80,143	$ 22,400	$ 1,677,906	$ 83,912,616
	In-region	2029-2030	Long Term Care Level	L1, L2, L4	$ 1,955,850			$ 97,793	$ 22,400	$ 1,678,252	$ 83,559,626
	In-region	2030-2031	Long Term Care Level	L1	$ 1,602,850			$ 80,143	$ 22,400	$ 1,671,193	$ 83,570,226
	In-region	2031-2032	Long Term Care Level	L1	$ 1,602,850			$ 80,143	$ 22,400	$ 1,671,405	$ 83,581,038
	In-region	2032-2033	Long Term Care Level	L1	$ 1,602,850			$ 80,143	$ 22,400	$ 1,671,621	$ 83,592,066
	In-region	2033-2034	Long Term Care Level	L1	$ 1,602,850			$ 80,143	$ 22,400	$ 1,671,841	$ 83,603,315
	In-region	2034-2035	Long Term Care Level	L1, L2, L3, L5	$ 1,875,010			$ 93,751	$ 22,400	$ 1,672,066	$ 83,329,020
	In-region	2035-2036	Long Term Care Level	L1	$ 1,602,850			$ 80,143	$ 22,400	$ 1,666,580	$ 83,335,008
	In-region	2036-2037	Long Term Care Level	L1	$ 1,602,850			$ 80,143	$ 22,400	$ 1,666,700	$ 83,341,116

Table 6: Extended Care Fund Analysis - Scenario 1
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
	In-region	2037-2038	Long Term Care Level	L1	$ 1,602,850			$ 80,143	$ 22,400	$ 1,666,822	$ 83,347,346
	In-region	2038-2039	Phase II Closure	P1, P2	$ 1,802,750			$ 90,138		$ 1,666,947	$ 83,121,405
		2039-2040	Phase II Post-Closure [5]	P1	$ 1,847,750			$ 92,388		$ 1,662,428	$ 82,843,696
		2040-2041	Phase II Post-Closure	P1	$ 1,847,750			$ 92,388		$ 1,656,874	$ 82,560,432
		2041-2042	Phase II Post-Closure	P1	$ 1,847,750			$ 92,388		$ 1,651,209	$ 82,271,503
		2042-2043	Phase II Post-Closure	P1	$ 1,847,750			$ 92,388		$ 1,645,430	$ 81,976,796
		2043-2044	Phase II Post-Closure	P1, P2, P6 [6]	$ 3,077,750			$ 153,888		$ 1,639,536	$ 80,384,694
1	Inst. Control	2044-2045	100 Yr. Inst. Control	L1, L3	$ 1,750,850			$ 87,543		$ 1,607,694	$ 80,153,996
2	Inst. Control	2045-2046		L1	$ 1,700,850			$ 85,043		$ 1,603,080	$ 79,971,183
3	Inst. Control	2046-2047		L1	$ 1,700,850			$ 85,043		$ 1,599,424	$ 79,784,714
4	Inst. Control	2047-2048		L1	$ 1,700,850			$ 85,043		$ 1,595,694	$ 79,594,516
5	Inst. Control	2048-2049		L1, L2	$ 1,796,850			$ 89,843		$ 1,591,890	$ 79,299,714
6	Inst. Control	2049-2050		L1, L4	$ 1,957,850			$ 97,893		$ 1,585,994	$ 78,829,966
7	Inst. Control	2050-2051		L1	$ 1,700,850			$ 85,043		$ 1,576,599	$ 78,620,673
8	Inst. Control	2051-2052		L1	$ 1,700,850			$ 85,043		$ 1,572,413	$ 78,407,194
9	Inst. Control	2052-2053		L1	$ 1,700,850			$ 85,043		$ 1,568,144	$ 78,189,445
10	Inst. Control	2053-2054		L1, L2	$ 1,721,850			$ 86,093		$ 1,563,789	$ 77,945,291
11	Inst. Control	2054-2055		L1, L3	$ 1,750,850			$ 87,543		$ 1,558,906	$ 77,665,805
12	Inst. Control	2055-2056		L1	$ 1,700,850			$ 85,043		$ 1,553,316	$ 77,433,228
13	Inst. Control	2056-2057		L1	$ 1,700,850			$ 85,043		$ 1,548,665	$ 77,196,000
14	Inst. Control	2057-2058		L1	$ 1,700,850			$ 85,043		$ 1,543,920	$ 76,954,028
15	Inst. Control	2058-2059		L1, L2	$ 1,796,850			$ 89,843		$ 1,539,081	$ 76,606,416
16	Inst. Control	2059-2060		L1, L5	$ 1,827,010			$ 91,351		$ 1,532,128	$ 76,220,184
17	Inst. Control	2060-2061		L1	$ 1,700,850			$ 85,043		$ 1,524,404	$ 75,958,695
18	Inst. Control	2061-2062		L1	$ 1,700,850			$ 85,043		$ 1,519,174	$ 75,691,976
19	Inst. Control	2062-2063		L1	$ 1,700,850			$ 85,043		$ 1,513,840	$ 75,419,923
20	Inst. Control	2063-2064		L1, L2	$ 1,796,850			$ 89,843		$ 1,508,398	$ 75,041,629
21	Inst. Control	2064-2065		L1, L3	$ 1,750,850			$ 87,543		$ 1,500,833	$ 74,704,069
22	Inst. Control	2065-2066		L1	$ 1,700,850			$ 85,043		$ 1,494,081	$ 74,412,258
23	Inst. Control	2066-2067		L1	$ 1,700,850			$ 85,043		$ 1,488,245	$ 74,114,611
24	Inst. Control	2067-2068		L1	$ 1,700,850			$ 85,043		$ 1,482,292	$ 73,811,011
25	Inst. Control	2068-2069		L1, L2, L6	$ 2,996,850			$ 149,843		$ 1,476,220	$ 72,140,538
26	Inst. Control	2069-2070		L1, L4	$ 1,957,850	$ (100,791)		$ 92,853		$ 1,442,811	$ 71,633,437
27	Inst. Control	2070-2071		L1	$ 1,700,850	$ (100,791)		$ 80,003		$ 1,432,669	$ 71,386,044
28	Inst. Control	2071-2072		L1	$ 1,700,850	$ (100,791)		$ 80,003		$ 1,427,721	$ 71,133,703
29	Inst. Control	2072-2073		L1	$ 1,700,850	$ (100,791)		$ 80,003		$ 1,422,674	$ 70,876,315

Table 6: Extended Care Fund Analysis - Scenario 1
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
30	Inst. Control	2073-2074		L1, L2	$ 1,796,850	$ (100,791)		$ 84,803	$ 1,417,526	$ 70,512,979	
31	Inst. Control	2074-2075		L1, L3	$ 1,750,850	$ (100,791)		$ 82,503	$ 1,410,260	$ 70,190,677	
32	Inst. Control	2075-2076		L1	$ 1,700,850	$ (100,791)		$ 80,003	$ 1,403,814	$ 69,914,429	
33	Inst. Control	2076-2077		L1	$ 1,700,850	$ (100,791)		$ 80,003	$ 1,398,289	$ 69,632,655	
34	Inst. Control	2077-2078		L1	$ 1,700,850	$ (100,791)		$ 80,003	$ 1,392,653	$ 69,345,246	
35	Inst. Control	2078-2079		L1, L2	$ 1,796,850	$ (100,791)		$ 84,803	$ 1,386,905	$ 68,951,289	
36	Inst. Control	2079-2080		L1	$ 1,700,850	$ (100,791)		$ 80,003	$ 1,379,026	$ 68,650,253	
37	Inst. Control	2080-2081		L1	$ 1,700,850	$ (100,791)		$ 80,003	$ 1,373,005	$ 68,343,196	
38	Inst. Control	2081-2082		L1	$ 1,700,850	$ (100,791)		$ 80,003	$ 1,366,864	$ 68,029,998	
39	Inst. Control	2082-2083		L1	$ 1,700,850	$ (100,791)		$ 80,003	$ 1,360,600	$ 67,710,536	
40	Inst. Control	2083-2084		L1, L2	$ 1,796,850	$ (100,791)		$ 84,803	$ 1,354,211	$ 67,283,885	
41	Inst. Control	2084-2085		L1, L3, L5	$ 1,877,010	$ (100,791)		$ 88,811	$ 1,345,678	$ 66,764,533	
42	Inst. Control	2085-2086		L1	$ 1,700,850	$ (100,791)		$ 80,003	$ 1,335,291	$ 66,419,762	
43	Inst. Control	2086-2087		L1	$ 1,700,850	$ (100,791)		$ 80,003	$ 1,328,395	$ 66,068,095	
44	Inst. Control	2087-2088		L1	$ 1,700,850	$ (100,791)		$ 80,003	$ 1,321,362	$ 65,709,395	
45	Inst. Control	2088-2089		L1, L2	$ 1,796,850	$ (100,791)		$ 84,803	$ 1,314,188	$ 65,242,721	
46	Inst. Control	2089-2090		L1, L4	$ 1,957,850	$ (100,791)		$ 92,853	$ 1,304,854	$ 64,597,663	
47	Inst. Control	2090-2091		L1	$ 1,700,850	$ (100,791)		$ 80,003	$ 1,291,953	$ 64,209,555	
48	Inst. Control	2091-2092		L1	$ 1,700,850	$ (100,791)		$ 80,003	$ 1,284,191	$ 63,813,684	
49	Inst. Control	2092-2093		L1	$ 1,700,850	$ (100,791)		$ 80,003	$ 1,276,274	$ 63,409,895	
50	Inst. Control	2093-2094		L1, L2, L6	$ 2,996,850	$ (226,581)		$ 138,513	$ 1,268,198	$ 61,769,311	
51	Inst. Control	2094-2095		L1, L3	$ 1,750,850	$ (226,581)		$ 76,213	$ 1,235,386	$ 61,404,215	
52	Inst. Control	2095-2096		L1	$ 1,700,850	$ (226,581)		$ 73,713	$ 1,228,084	$ 61,084,316	
53	Inst. Control	2096-2097		L1	$ 1,700,850	$ (226,581)		$ 73,713	$ 1,221,686	$ 60,758,020	
54	Inst. Control	2097-2098		L1	$ 1,700,850	$ (226,581)		$ 73,713	$ 1,215,160	$ 60,425,198	
55	Inst. Control	2098-2099		L1, L2	$ 1,796,850	$ (226,581)		$ 78,513	$ 1,208,504	$ 59,984,920	
56	Inst. Control	2099-2100		L1	$ 1,700,850	$ (226,581)		$ 73,713	$ 1,199,698	$ 59,636,636	
57	Inst. Control	2100-2101		L1	$ 1,700,850	$ (226,581)		$ 73,713	$ 1,192,733	$ 59,281,386	
58	Inst. Control	2101-2102		L1	$ 1,700,850	$ (226,581)		$ 73,713	$ 1,185,628	$ 58,919,031	
59	Inst. Control	2102-2103		L1	$ 1,700,850	$ (226,581)		$ 73,713	$ 1,178,381	$ 58,549,429	
60	Inst. Control	2103-2104		L1, L2	$ 1,796,850	$ (226,581)		$ 78,513	$ 1,170,989	$ 58,071,636	
61	Inst. Control	2104-2105		L1, L3	$ 1,750,850	$ (226,581)		$ 76,213	$ 1,161,433	$ 57,632,586	
62	Inst. Control	2105-2106		L1	$ 1,700,850	$ (226,581)		$ 73,713	$ 1,152,652	$ 57,237,255	
63	Inst. Control	2106-2107		L1	$ 1,700,850	$ (226,581)		$ 73,713	$ 1,144,745	$ 56,834,018	
64	Inst. Control	2107-2108		L1	$ 1,700,850	$ (226,581)		$ 73,713	$ 1,136,680	$ 56,422,716	
65	Inst. Control	2108-2109		L1, L2	$ 1,796,850	$ (226,581)		$ 78,513	$ 1,128,454	$ 55,902,388	

Table 6: Extended Care Fund Analysis - Scenario 1
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
66	Inst. Control	2109-2110		L1, L4, L5	$ 2,084,010	$ (226,581)		$ 92,871		$ 1,118,048	$ 55,070,135
67	Inst. Control	2110-2111		L1	$ 1,700,850	$ (226,581)		$ 73,713		$ 1,101,403	$ 54,623,555
68	Inst. Control	2111-2112		L1	$ 1,700,850	$ (226,581)		$ 73,713		$ 1,092,471	$ 54,168,044
69	Inst. Control	2112-2113		L1	$ 1,700,850	$ (226,581)		$ 73,713		$ 1,083,361	$ 53,703,422
70	Inst. Control	2113-2114		L1, L2	$ 1,796,850	$ (226,581)		$ 78,513		$ 1,074,068	$ 53,128,708
71	Inst. Control	2114-2115		L1, L3	$ 1,750,850	$ (226,581)		$ 76,213		$ 1,062,574	$ 52,590,800
72	Inst. Control	2115-2116		L1	$ 1,700,850	$ (226,581)		$ 73,713		$ 1,051,816	$ 52,094,633
73	Inst. Control	2116-2117		L1	$ 1,700,850	$ (226,581)		$ 73,713		$ 1,041,893	$ 51,588,544
74	Inst. Control	2117-2118		L1	$ 1,700,850	$ (226,581)		$ 73,713		$ 1,031,771	$ 51,072,332
75	Inst. Control	2118-2119		L1, L2	$ 1,796,850	$ (226,581)		$ 78,513		$ 1,021,447	$ 50,444,996
76	Inst. Control	2119-2120		L1	$ 1,700,850	$ (226,581)		$ 73,713		$ 1,008,900	$ 49,905,914
77	Inst. Control	2120-2121		L1	$ 1,700,850	$ (226,581)		$ 73,713		$ 998,118	$ 49,356,050
78	Inst. Control	2121-2122		L1	$ 1,700,850	$ (226,581)		$ 73,713		$ 987,121	$ 48,795,188
79	Inst. Control	2122-2123		L1	$ 1,700,850	$ (226,581)		$ 73,713		$ 975,904	$ 48,223,109
80	Inst. Control	2123-2124		L1, L2	$ 1,796,850	$ (226,581)		$ 78,513		$ 964,462	$ 47,538,789
81	Inst. Control	2124-2125		L1, L3	$ 1,750,850	$ (226,581)		$ 76,213		$ 950,776	$ 46,889,082
82	Inst. Control	2125-2126		L1	$ 1,700,850	$ (226,581)		$ 73,713		$ 937,782	$ 46,278,882
83	Inst. Control	2126-2127		L1	$ 1,700,850	$ (226,581)		$ 73,713		$ 925,578	$ 45,656,477
84	Inst. Control	2127-2128		L1	$ 1,700,850	$ (226,581)		$ 73,713		$ 913,130	$ 45,021,624
85	Inst. Control	2128-2129		L1, L2	$ 1,796,850	$ (226,581)		$ 78,513		$ 900,432	$ 44,273,274
86	Inst. Control	2129-2130		L1, L4	$ 1,957,850	$ (226,581)		$ 86,563		$ 885,465	$ 43,340,907
87	Inst. Control	2130-2131		L1	$ 1,700,850	$ (226,581)		$ 73,713		$ 866,818	$ 42,659,743
88	Inst. Control	2131-2132		L1	$ 1,700,850	$ (226,581)		$ 73,713		$ 853,195	$ 41,964,955
89	Inst. Control	2132-2133		L1	$ 1,700,850	$ (226,581)		$ 73,713		$ 839,299	$ 41,256,272
90	Inst. Control	2133-2134		L1, L2	$ 1,796,850	$ (226,581)		$ 78,513		$ 825,125	$ 40,432,615
91	Inst. Control	2134-2135		L1, L3, L5	$ 1,877,010	$ (226,581)		$ 82,521		$ 808,652	$ 39,508,317
92	Inst. Control	2135-2136		L1	$ 1,700,850	$ (226,581)		$ 73,713		$ 790,166	$ 38,750,500
93	Inst. Control	2136-2137		L1	$ 1,700,850	$ (226,581)		$ 73,713		$ 775,010	$ 37,977,528
94	Inst. Control	2137-2138		L1	$ 1,700,850	$ (226,581)		$ 73,713		$ 759,551	$ 37,189,096
95	Inst. Control	2138-2139		L1, L2	$ 1,796,850	$ (226,581)		$ 78,513		$ 743,782	$ 36,284,096
96	Inst. Control	2139-2140		L1	$ 1,700,850	$ (226,581)		$ 73,713		$ 725,682	$ 35,461,795
97	Inst. Control	2140-2141		L1	$ 1,700,850	$ (226,581)		$ 73,713		$ 709,236	$ 34,623,049
98	Inst. Control	2141-2142		L1	$ 1,700,850	$ (226,581)		$ 73,713		$ 692,461	$ 33,767,527
99	Inst. Control	2142-2143		L1	$ 1,700,850	$ (226,581)		$ 73,713		$ 675,351	$ 32,894,895
100	Inst. Control	2143-2144		L1, L6	$ 2,900,850	$ (226,581)		$ 133,713		$ 657,898	$ 30,744,811

Table 6: Extended Care Fund Analysis - Scenario 1
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

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.

Prepared By/Date: _____ / _____

Checked By/Date: _____ / _____

Table 7: Extended Care Fund Analysis - Scenario 2
Cost Basis - Non-Annualized, Monitoring and Maintenance Levels Constant, No Remedial Action
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	$ 1,795,750			$ 89,788	$ 22,400	$ 1,719,135	$ 85,812,769
	In-region	2011-2012	Phase I Post-Closure	PI	$ 1,795,750			$ 89,788	$ 22,400	$ 1,716,255	$ 85,665,887
	In-region	2012-2013	Phase I Post-Closure	PI	$ 1,795,750			$ 89,788	$ 22,400	$ 1,713,318	$ 85,516,067
	In-region	2013-2014	Phase I Post-Closure	PI	$ 1,795,750			$ 89,788	$ 22,400	$ 1,710,321	$ 85,363,251
	In-region	2014-2015	Phase I Post-Closure	PI, P2 & P6	$ 3,025,750			$ 151,288	$ 22,400	$ 1,707,265	$ 83,915,879
	In-region	2015-2016	Long Term Care Level [4]	L1	$ 1,602,850			$ 80,143	$ 22,400	$ 1,678,318	$ 83,933,604
	In-region	2016-2017	Long Term Care Level	L1	$ 1,602,850			$ 80,143	$ 22,400	$ 1,678,672	$ 83,951,683
	In-region	2017-2018	Long Term Care Level	L1	$ 1,602,850			$ 80,143	$ 22,400	$ 1,679,034	$ 83,970,125
	In-region	2018-2019	Long Term Care Level	L1	$ 1,602,850			$ 80,143	$ 22,400	$ 1,679,402	$ 83,988,935
	In-region	2019-2020	Long Term Care Level	L1, L2	$ 1,698,850			$ 84,943	$ 22,400	$ 1,679,779	$ 83,907,321
	In-region	2020-2021	Long Term Care Level	L1	$ 1,602,850			$ 80,143	$ 22,400	$ 1,678,146	$ 83,924,875
	In-region	2021-2022	Long Term Care Level	L1	$ 1,602,850			$ 80,143	$ 22,400	$ 1,678,497	$ 83,942,780
	In-region	2022-2023	Long Term Care Level	L1	$ 1,602,850			$ 80,143	$ 22,400	$ 1,678,856	$ 83,961,043
	In-region	2023-2024	Long Term Care Level	L1	$ 1,602,850			$ 80,143	$ 22,400	$ 1,679,221	$ 83,979,671
	In-region	2024-2025	Long Term Care Level	L1, L2, L3	$ 1,748,850			$ 87,443	$ 22,400	$ 1,679,593	$ 83,845,372
	In-region	2025-2026	Long Term Care Level	L1	$ 1,602,850			$ 80,143	$ 22,400	$ 1,676,907	$ 83,861,687
	In-region	2026-2027	Long Term Care Level	L1	$ 1,602,850			$ 80,143	$ 22,400	$ 1,677,234	$ 83,878,328
	In-region	2027-2028	Long Term Care Level	L1	$ 1,602,850			$ 80,143	$ 22,400	$ 1,677,567	$ 83,895,302
	In-region	2028-2029	Long Term Care Level	L1	$ 1,602,850			$ 80,143	$ 22,400	$ 1,677,906	$ 83,912,616
	In-region	2029-2030	Long Term Care Level	L1, L2, L4	$ 1,955,850			$ 97,793	$ 22,400	$ 1,678,252	$ 83,559,626
	In-region	2030-2031	Long Term Care Level	L1	$ 1,602,850			$ 80,143	$ 22,400	$ 1,671,193	$ 83,570,226
	In-region	2031-2032	Long Term Care Level	L1	$ 1,602,850			$ 80,143	$ 22,400	$ 1,671,405	$ 83,581,038
	In-region	2032-2033	Long Term Care Level	L1	$ 1,602,850			$ 80,143	$ 22,400	$ 1,671,621	$ 83,592,066
	In-region	2033-2034	Long Term Care Level	L1	$ 1,602,850			$ 80,143	$ 22,400	$ 1,671,841	$ 83,603,315
	In-region	2034-2035	Long Term Care Level	L1, L2, L3, L5	$ 1,875,010			$ 93,751	$ 22,400	$ 1,672,066	$ 83,329,020
	In-region	2035-2036	Long Term Care Level	L1	$ 1,602,850			$ 80,143	$ 22,400	$ 1,666,580	$ 83,335,008
	In-region	2036-2037	Long Term Care Level	L1	$ 1,602,850			$ 80,143	$ 22,400	$ 1,666,700	$ 83,341,116

Table 7: Extended Care Fund Analysis - Scenario 2
Cost Basis - Non-Annualized, Monitoring and Maintenance Levels Constant, No Remedial Action
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
	In-region	2037-2038	Long Term Care Level	L1	$ 1,602,850			$ 80,143	$ 22,400	$ 1,666,822	$ 83,347,346
	In-region	2038-2039	Phase II Closure	P1, P2	$ 1,802,750			$ 90,138		$ 1,666,947	$ 83,121,405
		2039-2040	Phase II Post-Closure [5]	P1	$ 1,847,750			$ 92,388		$ 1,662,428	$ 82,843,696
		2040-2041	Phase II Post-Closure	P1	$ 1,847,750			$ 92,388		$ 1,656,874	$ 82,560,432
		2041-2042	Phase II Post-Closure	P1	$ 1,847,750			$ 92,388		$ 1,651,209	$ 82,271,503
		2042-2043	Phase II Post-Closure	P1	$ 1,847,750			$ 92,388		$ 1,645,430	$ 81,976,796
		2043-2044	Phase II Post-Closure	P1, P2, P6 [6]	$ 3,077,750			$ 153,888		$ 1,639,536	$ 80,384,694
1	Inst. Control	2044-2045	100 Yr. Inst. Control	L1, L3	$ 1,750,850			$ 87,543		$ 1,607,694	$ 80,153,996
2	Inst. Control	2045-2046		L1	$ 1,700,850			$ 85,043		$ 1,603,080	$ 79,971,183
3	Inst. Control	2046-2047		L1	$ 1,700,850			$ 85,043		$ 1,599,424	$ 79,784,714
4	Inst. Control	2047-2048		L1	$ 1,700,850			$ 85,043		$ 1,595,694	$ 79,594,516
5	Inst. Control	2048-2049		L1, L2	$ 1,796,850			$ 89,843		$ 1,591,890	$ 79,299,714
6	Inst. Control	2049-2050		L1, L4	$ 1,957,850			$ 97,893		$ 1,585,994	$ 78,829,966
7	Inst. Control	2050-2051		L1	$ 1,700,850			$ 85,043		$ 1,576,599	$ 78,620,673
8	Inst. Control	2051-2052		L1	$ 1,700,850			$ 85,043		$ 1,572,413	$ 78,407,194
9	Inst. Control	2052-2053		L1	$ 1,700,850			$ 85,043		$ 1,568,144	$ 78,189,445
10	Inst. Control	2053-2054		L1, L2	$ 1,721,850			$ 86,093		$ 1,563,789	$ 77,945,291
11	Inst. Control	2054-2055		L1, L3	$ 1,750,850			$ 87,543		$ 1,558,906	$ 77,665,805
12	Inst. Control	2055-2056		L1	$ 1,700,850			$ 85,043		$ 1,553,316	$ 77,433,228
13	Inst. Control	2056-2057		L1	$ 1,700,850			$ 85,043		$ 1,548,665	$ 77,196,000
14	Inst. Control	2057-2058		L1	$ 1,700,850			$ 85,043		$ 1,543,920	$ 76,954,028
15	Inst. Control	2058-2059		L1, L2	$ 1,796,850			$ 89,843		$ 1,539,081	$ 76,606,416
16	Inst. Control	2059-2060		L1, L5	$ 1,827,010			$ 91,351		$ 1,532,128	$ 76,220,184
17	Inst. Control	2060-2061		L1	$ 1,700,850			$ 85,043		$ 1,524,404	$ 75,958,695
18	Inst. Control	2061-2062		L1	$ 1,700,850			$ 85,043		$ 1,519,174	$ 75,691,976
19	Inst. Control	2062-2063		L1	$ 1,700,850			$ 85,043		$ 1,513,840	$ 75,419,923
20	Inst. Control	2063-2064		L1, L2	$ 1,796,850			$ 89,843		$ 1,508,398	$ 75,041,629
21	Inst. Control	2064-2065		L1, L3	$ 1,750,850			$ 87,543		$ 1,500,833	$ 74,704,069
22	Inst. Control	2065-2066		L1	$ 1,700,850			$ 85,043		$ 1,494,081	$ 74,412,258
23	Inst. Control	2066-2067		L1	$ 1,700,850			$ 85,043		$ 1,488,245	$ 74,114,611
24	Inst. Control	2067-2068		L1	$ 1,700,850			$ 85,043		$ 1,482,292	$ 73,811,011
25	Inst. Control	2068-2069		L1, L2, L6	$ 2,996,850			$ 149,843		$ 1,476,220	$ 72,140,538
26	Inst. Control	2069-2070		L1, L4	$ 1,957,850			$ 97,893		$ 1,442,811	$ 71,527,607
27	Inst. Control	2070-2071		L1	$ 1,700,850			$ 85,043		$ 1,430,552	$ 71,172,266
28	Inst. Control	2071-2072		L1	$ 1,700,850			$ 85,043		$ 1,423,445	$ 70,809,819
29	Inst. Control	2072-2073		L1	$ 1,700,850			$ 85,043		$ 1,416,196	$ 70,440,123

Table 7: Extended Care Fund Analysis - Scenario 2
Cost Basis - Non-Annualized, Monitoring and Maintenance Levels Constant, No Remedial Action
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
30	Inst. Control	2073-2074		L1, L2	$ 1,796,850			$ 89,843	$ 1,408,802	$ 69,962,233	
31	Inst. Control	2074-2075		L1, L3	$ 1,750,850			$ 87,543	$ 1,399,245	$ 69,523,085	
32	Inst. Control	2075-2076		L1	$ 1,700,850			$ 85,043	$ 1,390,462	$ 69,127,654	
33	Inst. Control	2076-2077		L1	$ 1,700,850			$ 85,043	$ 1,382,553	$ 68,724,315	
34	Inst. Control	2077-2078		L1	$ 1,700,850			$ 85,043	$ 1,374,486	$ 68,312,909	
35	Inst. Control	2078-2079		L1, L2	$ 1,796,850			$ 89,843	$ 1,366,258	$ 67,792,474	
36	Inst. Control	2079-2080		L1	$ 1,700,850			$ 85,043	$ 1,355,849	$ 67,362,431	
37	Inst. Control	2080-2081		L1	$ 1,700,850			$ 85,043	$ 1,347,249	$ 66,923,788	
38	Inst. Control	2081-2082		L1	$ 1,700,850			$ 85,043	$ 1,338,476	$ 66,476,371	
39	Inst. Control	2082-2083		L1	$ 1,700,850			$ 85,043	$ 1,329,527	$ 66,020,006	
40	Inst. Control	2083-2084		L1, L2	$ 1,796,850			$ 89,843	$ 1,320,400	$ 65,453,713	
41	Inst. Control	2084-2085		L1, L3, L5	$ 1,877,010			$ 93,851	$ 1,309,074	$ 64,791,927	
42	Inst. Control	2085-2086		L1	$ 1,700,850			$ 85,043	$ 1,295,839	$ 64,301,873	
43	Inst. Control	2086-2087		L1	$ 1,700,850			$ 85,043	$ 1,286,037	$ 63,802,018	
44	Inst. Control	2087-2088		L1	$ 1,700,850			$ 85,043	$ 1,276,040	$ 63,292,166	
45	Inst. Control	2088-2089		L1, L2	$ 1,796,850			$ 89,843	$ 1,265,843	$ 62,671,317	
46	Inst. Control	2089-2090		L1, L4	$ 1,957,850			$ 97,893	$ 1,253,426	$ 61,869,001	
47	Inst. Control	2090-2091		L1	$ 1,700,850			$ 85,043	$ 1,237,380	$ 61,320,488	
48	Inst. Control	2091-2092		L1	$ 1,700,850			$ 85,043	$ 1,226,410	$ 60,761,005	
49	Inst. Control	2092-2093		L1	$ 1,700,850			$ 85,043	$ 1,215,220	$ 60,190,333	
50	Inst. Control	2093-2094		L1, L2, L6	$ 2,996,850			$ 149,843	$ 1,203,807	$ 58,247,447	
51	Inst. Control	2094-2095		L1, L3	$ 1,750,850			$ 87,543	$ 1,164,949	$ 57,574,004	
52	Inst. Control	2095-2096		L1	$ 1,700,850			$ 85,043	$ 1,151,480	$ 56,939,591	
53	Inst. Control	2096-2097		L1	$ 1,700,850			$ 85,043	$ 1,138,792	$ 56,292,490	
54	Inst. Control	2097-2098		L1	$ 1,700,850			$ 85,043	$ 1,125,850	$ 55,632,448	
55	Inst. Control	2098-2099		L1, L2	$ 1,796,850			$ 89,843	$ 1,112,649	$ 54,858,404	
56	Inst. Control	2099-2100		L1	$ 1,700,850			$ 85,043	$ 1,097,168	$ 54,169,680	
57	Inst. Control	2100-2101		L1	$ 1,700,850			$ 85,043	$ 1,083,394	$ 53,467,181	
58	Inst. Control	2101-2102		L1	$ 1,700,850			$ 85,043	$ 1,069,344	$ 52,750,632	
59	Inst. Control	2102-2103		L1	$ 1,700,850			$ 85,043	$ 1,055,013	$ 52,019,752	
60	Inst. Control	2103-2104		L1, L2	$ 1,796,850			$ 89,843	$ 1,040,395	$ 51,173,455	
61	Inst. Control	2104-2105		L1, L3	$ 1,750,850			$ 87,543	$ 1,023,469	$ 50,358,531	
62	Inst. Control	2105-2106		L1	$ 1,700,850			$ 85,043	$ 1,007,171	$ 49,579,809	
63	Inst. Control	2106-2107		L1	$ 1,700,850			$ 85,043	$ 991,596	$ 48,785,513	
64	Inst. Control	2107-2108		L1	$ 1,700,850			$ 85,043	$ 975,710	$ 47,975,331	
65	Inst. Control	2108-2109		L1, L2	$ 1,796,850			$ 89,843	$ 959,507	$ 47,048,145	

Table 7: Extended Care Fund Analysis - Scenario 2
Cost Basis - Non-Annualized, Monitoring and Maintenance Levels Constant, No Remedial Action
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
66	Inst. Control	2109-2110		L1, L4, L5	$ 2,084,010			$ 104,201		$ 940,963	$ 45,800,897
67	Inst. Control	2110-2111		L1	$ 1,700,850			$ 85,043		$ 916,018	$ 44,931,023
68	Inst. Control	2111-2112		L1	$ 1,700,850			$ 85,043		$ 898,620	$ 44,043,751
69	Inst. Control	2112-2113		L1	$ 1,700,850			$ 85,043		$ 880,875	$ 43,138,733
70	Inst. Control	2113-2114		L1, L2	$ 1,796,850			$ 89,843		$ 862,775	$ 42,114,815
71	Inst. Control	2114-2115		L1, L3	$ 1,750,850			$ 87,543		$ 842,296	$ 41,118,719
72	Inst. Control	2115-2116		L1	$ 1,700,850			$ 85,043		$ 822,374	$ 40,155,201
73	Inst. Control	2116-2117		L1	$ 1,700,850			$ 85,043		$ 803,104	$ 39,172,413
74	Inst. Control	2117-2118		L1	$ 1,700,850			$ 85,043		$ 783,448	$ 38,169,968
75	Inst. Control	2118-2119		L1, L2	$ 1,796,850			$ 89,843		$ 763,399	$ 37,046,675
76	Inst. Control	2119-2120		L1	$ 1,700,850			$ 85,043		$ 740,934	$ 36,001,716
77	Inst. Control	2120-2121		L1	$ 1,700,850			$ 85,043		$ 720,034	$ 34,935,858
78	Inst. Control	2121-2122		L1	$ 1,700,850			$ 85,043		$ 698,717	$ 33,848,683
79	Inst. Control	2122-2123		L1	$ 1,700,850			$ 85,043		$ 676,974	$ 32,739,764
80	Inst. Control	2123-2124		L1, L2	$ 1,796,850			$ 89,843		$ 654,795	$ 31,507,867
81	Inst. Control	2124-2125		L1, L3	$ 1,750,850			$ 87,543		$ 630,157	$ 30,299,632
82	Inst. Control	2125-2126		L1	$ 1,700,850			$ 85,043		$ 605,993	$ 29,119,732
83	Inst. Control	2126-2127		L1	$ 1,700,850			$ 85,043		$ 582,395	$ 27,916,234
84	Inst. Control	2127-2128		L1	$ 1,700,850			$ 85,043		$ 558,325	$ 26,688,666
85	Inst. Control	2128-2129		L1, L2	$ 1,796,850			$ 89,843		$ 533,773	$ 25,335,747
86	Inst. Control	2129-2130		L1, L4	$ 1,957,850			$ 97,893		$ 506,715	$ 23,786,719
87	Inst. Control	2130-2131		L1	$ 1,700,850			$ 85,043		$ 475,734	$ 22,476,561
88	Inst. Control	2131-2132		L1	$ 1,700,850			$ 85,043		$ 449,531	$ 21,140,200
89	Inst. Control	2132-2133		L1	$ 1,700,850			$ 85,043		$ 422,804	$ 19,777,111
90	Inst. Control	2133-2134		L1, L2	$ 1,796,850			$ 89,843		$ 395,542	$ 18,285,961
91	Inst. Control	2134-2135		L1, L3, L5	$ 1,877,010			$ 93,851		$ 365,719	$ 16,680,820
92	Inst. Control	2135-2136		L1	$ 1,700,850			$ 85,043		$ 333,616	$ 15,228,544
93	Inst. Control	2136-2137		L1	$ 1,700,850			$ 85,043		$ 304,571	$ 13,747,222
94	Inst. Control	2137-2138		L1	$ 1,700,850			$ 85,043		$ 274,944	$ 12,236,274
95	Inst. Control	2138-2139		L1, L2	$ 1,796,850			$ 89,843		$ 244,725	$ 10,594,307
96	Inst. Control	2139-2140		L1	$ 1,700,850			$ 85,043		$ 211,886	$ 9,020,301
97	Inst. Control	2140-2141		L1	$ 1,700,850			$ 85,043		$ 180,406	$ 7,414,814
98	Inst. Control	2141-2142		L1	$ 1,700,850			$ 85,043		$ 148,296	$ 5,777,218
99	Inst. Control	2142-2143		L1	$ 1,700,850			$ 85,043		$ 115,544	$ 4,106,870
100	Inst. Control	2143-2144		L1, L6	$ 2,900,850			$ 145,043		$ 82,137	$ 1,143,115

Table 7: Extended Care Fund Analysis - Scenario 2
Cost Basis - Non-Annualized, Monitoring and Maintenance Levels Constant, No Remedial Action
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

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.

Prepared By/Date: _____ / _____

Checked By/Date: _____ / _____

Table 8: Extended Care Fund Analysis - Scenario 3
Cost Basis - Non-Annualized, Reduction in Monitoring and Maintenance Levels, Remedial Action
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	$ 1,795,750			$ 89,788	$ 22,400	$ 1,719,135	$ 85,812,769
	In-region	2011-2012	Phase I Post-Closure	PI	$ 1,795,750			$ 89,788	$ 22,400	$ 1,716,255	$ 85,665,887
	In-region	2012-2013	Phase I Post-Closure	PI	$ 1,795,750			$ 89,788	$ 22,400	$ 1,713,318	$ 85,516,067
	In-region	2013-2014	Phase I Post-Closure	PI	$ 1,795,750			$ 89,788	$ 22,400	$ 1,710,321	$ 85,363,251
	In-region	2014-2015	Phase I Post-Closure	PI, P2 & P6	$ 3,025,750			$ 151,288	$ 22,400	$ 1,707,265	$ 83,915,879
	In-region	2015-2016	Long Term Care Level [4]	L1	$ 1,602,850			$ 80,143	$ 22,400	$ 1,678,318	$ 83,933,604
	In-region	2016-2017	Long Term Care Level	L1	$ 1,602,850			$ 80,143	$ 22,400	$ 1,678,672	$ 83,951,683
	In-region	2017-2018	Long Term Care Level	L1	$ 1,602,850			$ 80,143	$ 22,400	$ 1,679,034	$ 83,970,125
	In-region	2018-2019	Long Term Care Level	L1	$ 1,602,850			$ 80,143	$ 22,400	$ 1,679,402	$ 83,988,935
	In-region	2019-2020	Long Term Care Level	L1, L2	$ 1,698,850			$ 84,943	$ 22,400	$ 1,679,779	$ 83,907,321
	In-region	2020-2021	Long Term Care Level	L1	$ 1,602,850			$ 80,143	$ 22,400	$ 1,678,146	$ 83,924,875
	In-region	2021-2022	Long Term Care Level	L1	$ 1,602,850			$ 80,143	$ 22,400	$ 1,678,497	$ 83,942,780
	In-region	2022-2023	Long Term Care Level	L1	$ 1,602,850			$ 80,143	$ 22,400	$ 1,678,856	$ 83,961,043
	In-region	2023-2024	Long Term Care Level	L1	$ 1,602,850			$ 80,143	$ 22,400	$ 1,679,221	$ 83,979,671
	In-region	2024-2025	Long Term Care Level	L1, L2, L3	$ 1,748,850			$ 87,443	$ 22,400	$ 1,679,593	$ 83,845,372
	In-region	2025-2026	Long Term Care Level	L1	$ 1,602,850			$ 80,143	$ 22,400	$ 1,676,907	$ 83,861,687
	In-region	2026-2027	Long Term Care Level	L1	$ 1,602,850			$ 80,143	$ 22,400	$ 1,677,234	$ 83,878,328
	In-region	2027-2028	Long Term Care Level	L1	$ 1,602,850			$ 80,143	$ 22,400	$ 1,677,567	$ 83,895,302
	In-region	2028-2029	Long Term Care Level	L1	$ 1,602,850			$ 80,143	$ 22,400	$ 1,677,906	$ 83,912,616
	In-region	2029-2030	Long Term Care Level	L1, L2, L4	$ 1,955,850			$ 97,793	$ 22,400	$ 1,678,252	$ 83,559,626
	In-region	2030-2031	Long Term Care Level	L1	$ 1,602,850			$ 80,143	$ 22,400	$ 1,671,193	$ 83,570,226
	In-region	2031-2032	Long Term Care Level	L1	$ 1,602,850			$ 80,143	$ 22,400	$ 1,671,405	$ 83,581,038
	In-region	2032-2033	Long Term Care Level	L1	$ 1,602,850			$ 80,143	$ 22,400	$ 1,671,621	$ 83,592,066
	In-region	2033-2034	Long Term Care Level	L1	$ 1,602,850			$ 80,143	$ 22,400	$ 1,671,841	$ 83,603,315
	In-region	2034-2035	Long Term Care Level	L1, L2, L3, L5	$ 1,875,010			$ 93,751	$ 22,400	$ 1,672,066	$ 83,329,020
	In-region	2035-2036	Long Term Care Level	L1	$ 1,602,850			$ 80,143	$ 22,400	$ 1,666,580	$ 83,335,008
	In-region	2036-2037	Long Term Care Level	L1	$ 1,602,850			$ 80,143	$ 22,400	$ 1,666,700	$ 83,341,116

Table 8: Extended Care Fund Analysis - Scenario 3
Cost Basis - Non-Annualized, Reduction in Monitoring and Maintenance Levels, Remedial Action
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
	In-region	2037-2038	Long Term Care Level	L1	$ 1,602,850			$ 80,143	$ 22,400	$ 1,666,822	$ 83,347,346
	In-region	2038-2039	Phase II Closure	P1, P2	$ 1,802,750			$ 90,138		$ 1,666,947	$ 83,121,405
		2039-2040	Phase II Post-Closure [5]	P1	$ 1,847,750			$ 92,388		$ 1,662,428	$ 82,843,696
		2040-2041	Phase II Post-Closure	P1	$ 1,847,750			$ 92,388		$ 1,656,874	$ 82,560,432
		2041-2042	Phase II Post-Closure	P1	$ 1,847,750			$ 92,388		$ 1,651,209	$ 82,271,503
		2042-2043	Phase II Post-Closure	P1	$ 1,847,750			$ 92,388		$ 1,645,430	$ 81,976,796
		2043-2044	Phase II Post-Closure	P1, P2, P6 [6]	$ 3,077,750			$ 153,888		$ 1,639,536	$ 80,384,694
1	Inst. Control	2044-2045	100 Yr. Inst. Control	L1, L3	$ 1,750,850		$ 1,000,000	$ 137,543		$ 1,607,694	$ 79,103,996
2	Inst. Control	2045-2046		L1	$ 1,700,850		$ 500,000	$ 110,043		$ 1,582,080	$ 78,375,183
3	Inst. Control	2046-2047		L1	$ 1,700,850		$ 500,000	$ 110,043		$ 1,567,504	$ 77,631,794
4	Inst. Control	2047-2048		L1	$ 1,700,850		$ 500,000	$ 110,043		$ 1,552,636	$ 76,873,538
5	Inst. Control	2048-2049		L1, L2	$ 1,796,850		$ 500,000	$ 114,843		$ 1,537,471	$ 75,999,316
6	Inst. Control	2049-2050		L1, L4	$ 1,957,850		$ 500,000	$ 122,893		$ 1,519,986	$ 74,938,560
7	Inst. Control	2050-2051		L1	$ 1,700,850		$ 500,000	$ 110,043		$ 1,498,771	$ 74,126,439
8	Inst. Control	2051-2052		L1	$ 1,700,850		$ 500,000	$ 110,043		$ 1,482,529	$ 73,298,075
9	Inst. Control	2052-2053		L1	$ 1,700,850		$ 500,000	$ 110,043		$ 1,465,961	$ 72,453,144
10	Inst. Control	2053-2054		L1, L2	$ 1,721,850		$ 500,000	$ 111,093		$ 1,449,063	$ 71,569,264
11	Inst. Control	2054-2055		L1, L3	$ 1,750,850		$ 500,000	$ 112,543		$ 1,431,385	$ 70,637,257
12	Inst. Control	2055-2056		L1	$ 1,700,850		$ 500,000	$ 110,043		$ 1,412,745	$ 69,739,110
13	Inst. Control	2056-2057		L1	$ 1,700,850		$ 500,000	$ 110,043		$ 1,394,782	$ 68,822,999
14	Inst. Control	2057-2058		L1	$ 1,700,850		$ 500,000	$ 110,043		$ 1,376,460	$ 67,888,567
15	Inst. Control	2058-2059		L1, L2	$ 1,796,850		$ 500,000	$ 114,843		$ 1,357,771	$ 66,834,646
16	Inst. Control	2059-2060		L1, L5	$ 1,827,010		$ 500,000	$ 116,351		$ 1,336,693	$ 65,727,978
17	Inst. Control	2060-2061		L1	$ 1,700,850		$ 500,000	$ 110,043		$ 1,314,560	$ 64,731,645
18	Inst. Control	2061-2062		L1	$ 1,700,850		$ 500,000	$ 110,043		$ 1,294,633	$ 63,715,386
19	Inst. Control	2062-2063		L1	$ 1,700,850		$ 500,000	$ 110,043		$ 1,274,308	$ 62,678,801
20	Inst. Control	2063-2064		L1, L2	$ 1,796,850			$ 89,843		$ 1,253,576	$ 62,045,684
21	Inst. Control	2064-2065		L1, L3	$ 1,750,850			$ 87,543		$ 1,240,914	$ 61,448,206
22	Inst. Control	2065-2066		L1	$ 1,700,850			$ 85,043		$ 1,228,964	$ 60,891,277
23	Inst. Control	2066-2067		L1	$ 1,700,850			$ 85,043		$ 1,217,826	$ 60,323,210
24	Inst. Control	2067-2068		L1	$ 1,700,850			$ 85,043		$ 1,206,464	$ 59,743,782
25	Inst. Control	2068-2069		L1, L2, L6	$ 2,996,850			$ 149,843		$ 1,194,876	$ 57,791,965
26	Inst. Control	2069-2070		L1, L4	$ 1,957,850	$ (100,791)		$ 92,853		$ 1,155,839	$ 56,997,892
27	Inst. Control	2070-2071		L1	$ 1,700,850	$ (100,791)		$ 80,003		$ 1,139,958	$ 56,457,788
28	Inst. Control	2071-2072		L1	$ 1,700,850	$ (100,791)		$ 80,003		$ 1,129,156	$ 55,906,882
29	Inst. Control	2072-2073		L1	$ 1,700,850	$ (100,791)		$ 80,003		$ 1,118,138	$ 55,344,958

Table 8: Extended Care Fund Analysis - Scenario 3
Cost Basis - Non-Annualized, Reduction in Monitoring and Maintenance Levels, Remedial Action
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
30	Inst. Control	2073-2074		L1, L2	$ 1,796,850	$ (100,791)		$ 84,803	$ 1,106,899	$ 54,670,995	
31	Inst. Control	2074-2075		L1, L3	$ 1,750,850	$ (100,791)		$ 82,503	$ 1,093,420	$ 54,031,853	
32	Inst. Control	2075-2076		L1	$ 1,700,850	$ (100,791)		$ 80,003	$ 1,080,637	$ 53,432,428	
33	Inst. Control	2076-2077		L1	$ 1,700,850	$ (100,791)		$ 80,003	$ 1,068,649	$ 52,821,015	
34	Inst. Control	2077-2078		L1	$ 1,700,850	$ (100,791)		$ 80,003	$ 1,056,420	$ 52,197,373	
35	Inst. Control	2078-2079		L1, L2	$ 1,796,850	$ (100,791)		$ 84,803	$ 1,043,947	$ 51,460,458	
36	Inst. Control	2079-2080		L1	$ 1,700,850	$ (100,791)		$ 80,003	$ 1,029,209	$ 50,809,606	
37	Inst. Control	2080-2081		L1	$ 1,700,850	$ (100,791)		$ 80,003	$ 1,016,192	$ 50,145,736	
38	Inst. Control	2081-2082		L1	$ 1,700,850	$ (100,791)		$ 80,003	$ 1,002,915	$ 49,468,589	
39	Inst. Control	2082-2083		L1	$ 1,700,850	$ (100,791)		$ 80,003	$ 989,372	$ 48,777,898	
40	Inst. Control	2083-2084		L1, L2	$ 1,796,850	$ (100,791)		$ 84,803	$ 975,558	$ 47,972,594	
41	Inst. Control	2084-2085		L1, L3, L5	$ 1,877,010	$ (100,791)		$ 88,811	$ 959,452	$ 47,067,016	
42	Inst. Control	2085-2086		L1	$ 1,700,850	$ (100,791)		$ 80,003	$ 941,340	$ 46,328,295	
43	Inst. Control	2086-2087		L1	$ 1,700,850	$ (100,791)		$ 80,003	$ 926,566	$ 45,574,799	
44	Inst. Control	2087-2088		L1	$ 1,700,850	$ (100,791)		$ 80,003	$ 911,496	$ 44,806,233	
45	Inst. Control	2088-2089		L1, L2	$ 1,796,850	$ (100,791)		$ 84,803	$ 896,125	$ 43,921,495	
46	Inst. Control	2089-2090		L1, L4	$ 1,957,850	$ (100,791)		$ 92,853	$ 878,430	$ 42,850,013	
47	Inst. Control	2090-2091		L1	$ 1,700,850	$ (100,791)		$ 80,003	$ 857,000	$ 42,026,952	
48	Inst. Control	2091-2092		L1	$ 1,700,850	$ (100,791)		$ 80,003	$ 840,539	$ 41,187,429	
49	Inst. Control	2092-2093		L1	$ 1,700,850	$ (100,791)		$ 80,003	$ 823,749	$ 40,331,115	
50	Inst. Control	2093-2094		L1, L2, L6	$ 2,996,850	$ (226,581)		$ 138,513	$ 806,622	$ 38,228,955	
51	Inst. Control	2094-2095		L1, L3	$ 1,750,850	$ (226,581)		$ 76,213	$ 764,579	$ 37,393,052	
52	Inst. Control	2095-2096		L1	$ 1,700,850	$ (226,581)		$ 73,713	$ 747,861	$ 36,592,931	
53	Inst. Control	2096-2097		L1	$ 1,700,850	$ (226,581)		$ 73,713	$ 731,859	$ 35,776,807	
54	Inst. Control	2097-2098		L1	$ 1,700,850	$ (226,581)		$ 73,713	$ 715,536	$ 34,944,360	
55	Inst. Control	2098-2099		L1, L2	$ 1,796,850	$ (226,581)		$ 78,513	$ 698,887	$ 33,994,465	
56	Inst. Control	2099-2100		L1	$ 1,700,850	$ (226,581)		$ 73,713	$ 679,889	$ 33,126,372	
57	Inst. Control	2100-2101		L1	$ 1,700,850	$ (226,581)		$ 73,713	$ 662,527	$ 32,240,917	
58	Inst. Control	2101-2102		L1	$ 1,700,850	$ (226,581)		$ 73,713	$ 644,818	$ 31,337,753	
59	Inst. Control	2102-2103		L1	$ 1,700,850	$ (226,581)		$ 73,713	$ 626,755	$ 30,416,525	
60	Inst. Control	2103-2104		L1, L2	$ 1,796,850	$ (226,581)		$ 78,513	$ 608,331	$ 29,376,074	
61	Inst. Control	2104-2105		L1, L3	$ 1,750,850	$ (226,581)		$ 76,213	$ 587,521	$ 28,363,113	
62	Inst. Control	2105-2106		L1	$ 1,700,850	$ (226,581)		$ 73,713	$ 567,262	$ 27,382,392	
63	Inst. Control	2106-2107		L1	$ 1,700,850	$ (226,581)		$ 73,713	$ 547,648	$ 26,382,058	
64	Inst. Control	2107-2108		L1	$ 1,700,850	$ (226,581)		$ 73,713	$ 527,641	$ 25,361,716	
65	Inst. Control	2108-2109		L1, L2	$ 1,796,850	$ (226,581)		$ 78,513	$ 507,234	$ 24,220,168	

Table 8: Extended Care Fund Analysis - Scenario 3
Cost Basis - Non-Annualized, Reduction in Monitoring and Maintenance Levels, Remedial Action
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
66	Inst. Control	2109-2110		L1, L4, L5	$ 2,084,010	$ (226,581)		$ 92,871	$ 484,403	$	22,754,271
67	Inst. Control	2110-2111		L1	$ 1,700,850	$ (226,581)		$ 73,713	$ 455,085	$	21,661,374
68	Inst. Control	2111-2112		L1	$ 1,700,850	$ (226,581)		$ 73,713	$ 433,227	$	20,546,619
69	Inst. Control	2112-2113		L1	$ 1,700,850	$ (226,581)		$ 73,713	$ 410,932	$	19,409,569
70	Inst. Control	2113-2114		L1, L2	$ 1,796,850	$ (226,581)		$ 78,513	$ 388,191	$	18,148,978
71	Inst. Control	2114-2115		L1, L3	$ 1,750,850	$ (226,581)		$ 76,213	$ 362,980	$	16,911,475
72	Inst. Control	2115-2116		L1	$ 1,700,850	$ (226,581)		$ 73,713	$ 338,230	$	15,701,722
73	Inst. Control	2116-2117		L1	$ 1,700,850	$ (226,581)		$ 73,713	$ 314,034	$	14,467,774
74	Inst. Control	2117-2118		L1	$ 1,700,850	$ (226,581)		$ 73,713	$ 289,355	$	13,209,147
75	Inst. Control	2118-2119		L1, L2	$ 1,796,850	$ (226,581)		$ 78,513	$ 264,183	$	11,824,548
76	Inst. Control	2119-2120		L1	$ 1,700,850	$ (226,581)		$ 73,713	$ 236,491	$	10,513,056
77	Inst. Control	2120-2121		L1	$ 1,700,850	$ (226,581)		$ 73,713	$ 210,261	$	9,175,335
78	Inst. Control	2121-2122		L1	$ 1,700,850	$ (226,581)		$ 73,713	$ 183,507	$	7,810,859
79	Inst. Control	2122-2123		L1	$ 1,700,850	$ (226,581)		$ 73,713	$ 156,217	$	6,419,094
80	Inst. Control	2123-2124		L1, L2	$ 1,796,850	$ (226,581)		$ 78,513	$ 128,382	$	4,898,693
81	Inst. Control	2124-2125		L1, L3	$ 1,750,850	$ (226,581)		$ 76,213	$ 97,974	$	3,396,185
82	Inst. Control	2125-2126		L1	$ 1,700,850	$ (226,581)		$ 73,713	$ 67,924	$	1,916,126
83	Inst. Control	2126-2127		L1	$ 1,700,850	$ (226,581)		$ 73,713	$ 38,323	$	406,466
84	Inst. Control	2127-2128		L1	$ 1,700,850	$ (226,581)		$ 73,713	$ 8,129	$	(1,133,387)
85	Inst. Control	2128-2129		L1, L2	$ 1,796,850	$ (226,581)		$ 78,513	$ -	$	(2,782,169)
86	Inst. Control	2129-2130		L1, L4	$ 1,957,850	$ (226,581)		$ 86,563	$ -	$	(4,600,002)
87	Inst. Control	2130-2131		L1	$ 1,700,850	$ (226,581)		$ 73,713	$ -	$	(6,147,984)
88	Inst. Control	2131-2132		L1	$ 1,700,850	$ (226,581)		$ 73,713	$ -	$	(7,695,967)
89	Inst. Control	2132-2133		L1	$ 1,700,850	$ (226,581)		$ 73,713	$ -	$	(9,243,949)
90	Inst. Control	2133-2134		L1, L2	$ 1,796,850	$ (226,581)		$ 78,513	$ -	$	(10,892,732)
91	Inst. Control	2134-2135		L1, L3, L5	$ 1,877,010	$ (226,581)		$ 82,521	$ -	$	(12,625,682)
92	Inst. Control	2135-2136		L1	$ 1,700,850	$ (226,581)		$ 73,713	$ -	$	(14,173,665)
93	Inst. Control	2136-2137		L1	$ 1,700,850	$ (226,581)		$ 73,713	$ -	$	(15,721,647)
94	Inst. Control	2137-2138		L1	$ 1,700,850	$ (226,581)		$ 73,713	$ -	$	(17,269,629)
95	Inst. Control	2138-2139		L1, L2	$ 1,796,850	$ (226,581)		$ 78,513	$ -	$	(18,918,412)
96	Inst. Control	2139-2140		L1	$ 1,700,850	$ (226,581)		$ 73,713	$ -	$	(20,466,394)
97	Inst. Control	2140-2141		L1	$ 1,700,850	$ (226,581)		$ 73,713	$ -	$	(22,014,377)
98	Inst. Control	2141-2142		L1	$ 1,700,850	$ (226,581)		$ 73,713	$ -	$	(23,562,359)
99	Inst. Control	2142-2143		L1	$ 1,700,850	$ (226,581)		$ 73,713	$ -	$	(25,110,342)
100	Inst. Control	2143-2144		L1, L6	$ 2,900,850	$ (226,581)		$ 133,713	$ -	$	(27,918,324)

Table 8: Extended Care Fund Analysis - Scenario 3
Cost Basis - Non-Annualized, Reduction in Monitoring and Maintenance Levels, Remedial Action
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

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.

Prepared By/Date: _____ / _____

Checked By/Date: _____ / _____