

D'Arrigo Levy Declaration Attachment B 1 of 3

Radioactivity received at Barnwell and at All Disposal Sites from 7/1/1999 to 6/30/2008  
 From nuclear Utility Generators and from All Generators by Classes A, B and C in curies (ci)

Utility-generated Class B and C waste comprised ~95% of the Class B and C waste disposed 7/1/1999 to 6/30/2008.

Year	Barnwell Utility B ci	Barnwell Utility C ci	Barnwell All Gens A+B+C ci	Barnwell Utility B + C ci	All sites All Gens B ci	All sites All Gens C ci	All sites All Gens B+C ci	All sites All Gens A+B+C ci
1999	7088.29	138,219.05						
2000	18,067.77	536,132.20						
2001	13,395.40	378,177.91						
2002	9,750.77	99,051.58						
2003	14,108.95	456,568.51						
2004	17,104.12	262,889.97						
2005	12,390.52	415,085.62						
2006	8,730.79	282,533.62						
2007	11,453.85	1,015,896.72						
2008	6,562.37	715,607.85						
1999- 2008	118,652.83	4,300,163.03	4,685,794.49	4,418,815.86 95% allB+C	315,503.54	4,326,547.01	4,642,050.55 515784/yr	4,703,731.01

Source MIMS database; See Attachment B 2 and 3 of 3.

D'Arrigo Levy Declaration Attachment B 2 of 3

Radioactivity in "Low-Level" Radioactive Waste Received at Barnwell  
 from 7/1/1999 to 6/30/2008  
 from generators in the Appalachian, Central, MW, Central MW, SE and SW Compacts and from unaffiliated states  
 and sources

MIMS LLRW Received at Barnwell from 7/1/1999 to 6/30/2008  
 from Appala chian, MW, Central, Central MW, SW, SE Compacts and Unaffiliated  
[http://mims.apps.em.doe.gov/Report\\_WasteClass\\_GenCat.asp](http://mims.apps.em.doe.gov/Report_WasteClass_GenCat.asp)

Disposal Site	Year Received	Generator Class	Total Volume (ft3)	Total Activity (curies)	Class A Volume (ft3)	Class A Activity (curies)	Class B Volume (ft3)	Class B Activity (curies)	Class C Volume (ft3)	Class C Activity (curies)
Barnwell	1999	Academic	947.16	9.72	890.42	3.19	28.01	4.99	28.73	1.53
Barnwell	1999	Government	6,506.07	5,370.60	6,104.01	85.83	104.78	4,248.52	297.28	1,036.26
Barnwell	1999	Industry	6,000.99	477.62	4,001.39	54.04	1,733.75	279.33	265.85	144.25
Barnwell	1999	Medical	293.15	3.02	280.19	0.63	0	0	12.96	2.39
Barnwell	1999	Utility	58,705.02	153,652.40	47,744.24	8,345.06	7,324.13	7,088.29	3,636.65	138,219.05
Barnwell	2000	Academic	1,859.45	42.32	1,804.30	33.5	0	0	55.15	8.83
Barnwell	2000	Government	7,733.88	253.64	7,391.79	40.28	70.3	119.65	271.79	93.71
Barnwell	2000	Industry	12,439.93	31,244.25	8,444.05	140.69	3,004.41	30,721.67	991.47	381.89
Barnwell	2000	Medical	195.8	4.88	159.23	0.36	0.68	0	35.89	4.51

Barnwell	2000	Utility	75,215.80	565,228.29	56,380.03	11,028.32	11,653.22	18,067.77	7,182.55	536,132.20
Barnwell	2001	Academic	1,175.54	295.38	1,107.55	11.13	9.6	270.67	58.39	13.59
Barnwell	2001	Government	7,250.36	918.38	6,860.61	94.73	276	148.42	113.75	675.23
Barnwell	2001	Industry	4,794.29	2,267.38	3,290.29	75.25	222.55	1,039.80	1,281.45	1,152.33
Barnwell	2001	Medical	167.33	3.27	143.09	0.35	0.68	0	23.56	2.92
Barnwell	2001	Utility	68,301.55	396,440.05	48,646.36	4,866.74	12,547.89	13,395.40	7,107.30	378,177.91
Barnwell	2002	Academic	758.58	311.04	515.72	16.32	47.5	211.82	195.36	82.9
Barnwell	2002	Government	8,203.53	560.8	7,450.53	105.62	390	245.06	363	210.11
Barnwell	2002	Industry	2,909.69	4,059.78	1,745.49	35.44	266.17	700.43	898.03	3,323.91
Barnwell	2002	Medical	73.79	1.85	50.55	0.08	0	0	23.24	1.76
Barnwell	2002	Utility	24,459.03	112,299.99	11,572.84	3,497.64	7,013.25	9,750.77	5,872.94	99,051.58
Barnwell	2003	Academic	187.6	2.73	110.8	0.67	0.7	0	76.1	2.06
Barnwell	2003	Government	5,088.69	88,050.09	4,791.57	71.25	231.4	87,974.14	65.72	4.7
Barnwell	2003	Industry	1,623.81	25,520.53	971.37	87.94	153	25,179.22	499.44	253.37
Barnwell	2003	Medical	77.44	14.45	27.5	0.07	0	0	49.94	14.38
Barnwell	2003	Utility	48,327.10	473,547.69	19,839.45	2,870.23	9,482.62	14,108.95	19,005.03	456,568.51
Barnwell	2004	Academic	71.08	7.74	32.62	0.18	0	0	38.46	7.56
Barnwell	2004	Government	7,194.55	10,753.49	5,641.94	36.22	655.81	45.54	896.8	10,671.73
Barnwell	2004	Industry	1,026.45	847.4	521.38	0.8	138.7	275.33	366.37	571.27
Barnwell	2004	Medical	24.68	6.61	1.36	0	0	0	23.32	6.61
Barnwell	2004	Utility	25,773.88	282,922.80	8,853.65	2,928.72	11,124.14	17,104.12	5,796.09	262,889.97
Barnwell	2005	Academic	55.54	16.36	4.17	0	0	0	51.37	16.36

Barnwell	2005	Government	5,474.60	66.4	5,396.87	49.27	38.2	13.42	39.53	3.72
Barnwell	2005	Industry	880.11	23,995.31	230.24	3	275.04	23,089.53	374.83	902.77
Barnwell	2005	Medical	58.51	5.89	16.74	0.03	17	0.05	24.77	5.8
Barnwell	2005	Utility	24,458.96	431,096.35	11,847.93	3,620.21	7,080.84	12,390.52	5,530.19	415,085.62
Barnwell	2006	Academic	197.7	956.87	8.78	0.01	18.7	155.11	170.22	801.75
Barnwell	2006	Government	6,145.02	204	6,011.51	134.31	61.2	45.44	72.31	24.25
Barnwell	2006	Industry	778.52	1,464.88	476.84	0.61	69.13	67.44	232.55	1,396.82
Barnwell	2006	Medical	15.07	4.96	0.14	0	0.68	0	14.25	4.96
Barnwell	2006	Utility	20,440.20	293,659.97	5,615.39	2,395.56	8,068.32	8,730.79	6,756.49	282,533.62
Barnwell	2007	Academic	28.3	2.15	1.36	0	0	0	26.94	2.15
Barnwell	2007	Government	4,722.53	138.44	4,613.25	88.38	87.8	40.67	21.48	9.39
Barnwell	2007	Industry	506.53	12,147.22	37.17	0.86	178.12	10,632.72	291.24	1,513.64
Barnwell	2007	Medical	41.77	33.73	0	0	7.5	23.5	34.27	10.23
Barnwell	2007	Utility	25,294.78	1,028,993.14	4,052.27	1,642.57	9,078.29	11,453.85	12,164.22	1,015,896.72
Barnwell	2008	Academic	59.02	281.91	0	0	0	0	59.02	281.91
Barnwell	2008	Government	2,476.70	381.19	2,269.08	54.09	28	14.7	179.62	312.4
Barnwell	2008	Industry	645.64	13,709.47	8.28	0.6	243.96	11,303.54	393.4	2,405.32
Barnwell	2008	Medical	68.86	24.7	0	0	0	0	68.86	24.7
Barnwell	2008	Utility	13,402.29	723,493.36	1,839.62	1,323.14	4,064.34	6,562.37	7,498.33	715,607.85
Total:			483,136.87	4,685,794.49	297,803.96	43,743.94	95,796.41	315,503.54	89,536.50	4,326,547.01

Radioactivity in "Low-Level" Radioactive Waste Received at All Disposal Sites 7/1/1999- 6/30/2008 from generators in the Appalachian, Central, MW, Central MW, SE and SW Compacts and from unaffiliated states and sources

MIMS from	LLRW Received	at All Sites	from 7/1/1999	to 6/30/2008						
	Appalachian,	Central, MW,	Central MW,	SE, SW	Compacts	and	Unaffiliated			
<a href="http://mims.apps.em.doe.gov/Report_WasteClass_GenCat.asp">http://mims.apps.em.doe.gov/Report_WasteClass_GenCat.asp</a>										
			Total	Total	Class A	Class A	Class B	Class B	Class C	Class C
Disposal	Year	Generator	Volume	Activity	Volume	Activity	Volume	Activity	Volume	Activity
Site	Received	Class	(ft3)	(curies)	(ft3)	(curies)	(ft3)	(curies)	(ft3)	(curies)
Barnwell	1999	Academic	947.16	9.72	890.42	3.19	28.01	4.99	28.73	1.53
Barnwell	1999	Government	6,506.07	5,370.60	6,104.01	85.83	104.78	4,248.52	297.28	1,036.26
Barnwell	1999	Industry	6,000.99	477.62	4,001.39	54.04	1,733.75	279.33	265.85	144.25
Barnwell	1999	Medical	293.15	3.02	280.19	0.63	0	0	12.96	2.39
Barnwell	1999	Utility	58,705.02	153,652.40	47,744.24	8,345.06	7,324.13	7,088.29	3,636.65	138,219.05
Barnwell	2000	Academic	1,859.45	42.32	1,804.30	33.5	0	0	55.15	8.83
Barnwell	2000	Government	7,733.88	253.64	7,391.79	40.28	70.3	119.65	271.79	93.71
Barnwell	2000	Industry	12,439.93	31,244.25	8,444.05	140.69	3,004.41	30,721.67	991.47	381.89
Barnwell	2000	Medical	195.8	4.88	159.23	0.36	0.68	0	35.89	4.51
Barnwell	2000	Utility	75,215.80	565,228.29	56,380.03	11,028.32	11,653.22	18,067.77	7,182.55	536,132.20

Barnwell	2001	Academic	1,175.54	295.38	1,107.55	11.13	9.6	270.67	58.39	13.59
Barnwell	2001	Government	7,250.36	918.38	6,860.61	94.73	276	148.42	113.75	675.23
Barnwell	2001	Industry	4,794.29	2,267.38	3,290.29	75.25	222.55	1,039.80	1,281.45	1,152.33
Barnwell	2001	Medical	167.33	3.27	143.09	0.35	0.68	0	23.56	2.92
Barnwell	2001	Utility	68,301.55	396,440.05	48,646.36	4,866.74	12,547.89	13,395.40	7,107.30	378,177.91
Barnwell	2002	Academic	758.58	311.04	515.72	16.32	47.5	211.82	195.36	82.9
Barnwell	2002	Government	8,203.53	560.8	7,450.53	105.62	390	245.06	363	210.11
Barnwell	2002	Industry	2,909.69	4,059.78	1,745.49	35.44	266.17	700.43	898.03	3,323.91
Barnwell	2002	Medical	73.79	1.85	50.55	0.08	0	0	23.24	1.76
Barnwell	2002	Utility	24,459.03	112,299.99	11,572.84	3,497.64	7,013.25	9,750.77	5,872.94	99,051.58
Barnwell	2003	Academic	187.6	2.73	110.8	0.67	0.7	0	76.1	2.06
Barnwell	2003	Government	5,088.69	88,050.09	4,791.57	71.25	231.4	87,974.14	65.72	4.7
Barnwell	2003	Industry	1,623.81	25,520.53	971.37	87.94	153	25,179.22	499.44	253.37
Barnwell	2003	Medical	77.44	14.45	27.5	0.07	0	0	49.94	14.38
Barnwell	2003	Utility	48,327.10	473,547.69	19,839.45	2,870.23	9,482.62	14,108.95	19,005.03	456,568.51
Barnwell	2004	Academic	71.08	7.74	32.62	0.18	0	0	38.46	7.56
Barnwell	2004	Government	7,194.55	10,753.49	5,641.94	36.22	655.81	45.54	896.8	10,671.73
Barnwell	2004	Industry	1,026.45	847.4	521.38	0.8	138.7	275.33	366.37	571.27
Barnwell	2004	Medical	24.68	6.61	1.36	0	0	0	23.32	6.61
Barnwell	2004	Utility	25,773.88	282,922.80	8,853.65	2,928.72	11,124.14	17,104.12	5,796.09	262,889.97
Barnwell	2005	Academic	55.54	16.36	4.17	0	0	0	51.37	16.36
Barnwell	2005	Government	5,474.60	66.4	5,396.87	49.27	38.2	13.42	39.53	3.72
Barnwell	2005	Industry	880.11	23,995.31	230.24	3	275.04	23,089.53	374.83	902.77

Barnwell	2005	Medical	58.51	5.89	16.74	0.03	17	0.05	24.77	5.8
Barnwell	2005	Utility	24,458.96	431,096.35	11,847.93	3,620.21	7,080.84	12,390.52	5,530.19	415,085.62
Barnwell	2006	Academic	197.7	956.87	8.78	0.01	18.7	155.11	170.22	801.75
Barnwell	2006	Government	6,145.02	204	6,011.51	134.31	61.2	45.44	72.31	24.25
Barnwell	2006	Industry	778.52	1,464.88	476.84	0.61	69.13	67.44	232.55	1,396.82
Barnwell	2006	Medical	15.07	4.96	0.14	0	0.68	0	14.25	4.96
Barnwell	2006	Utility	20,440.20	293,659.97	5,615.39	2,395.56	8,068.32	8,730.79	6,756.49	282,533.62
Barnwell	2007	Academic	28.3	2.15	1.36	0	0	0	26.94	2.15
Barnwell	2007	Government	4,722.53	138.44	4,613.25	88.38	87.8	40.67	21.48	9.39
Barnwell	2007	Industry	506.53	12,147.22	37.17	0.86	178.12	10,632.72	291.24	1,513.64
Barnwell	2007	Medical	41.77	33.73	0	0	7.5	23.5	34.27	10.23
Barnwell	2007	Utility	25,294.78	1,028,993.14	4,052.27	1,642.57	9,078.29	11,453.85	12,164.22	1,015,896.72
Barnwell	2008	Academic	59.02	281.91	0	0	0	0	59.02	281.91
Barnwell	2008	Government	2,476.70	381.19	2,269.08	54.09	28	14.7	179.62	312.4
Barnwell	2008	Industry	645.64	13,709.47	8.28	0.6	243.96	11,303.54	393.4	2,405.32
Barnwell	2008	Medical	68.86	24.7	0	0	0	0	68.86	24.7
Barnwell	2008	Utility	13,402.29	723,493.36	1,839.62	1,323.14	4,064.34	6,562.37	7,498.33	715,607.85
Clive	1999	Academic	972	0.91	972	0.91				
Clive	1999	Government	7,377.00	0.51	7,377.00	0.51				
Clive	1999	Industry	279,358.54	102.82	279,358.54	102.82				
Clive	1999	Utility	41,959.59	2.06	41,959.59	2.06				
Clive	2000	Academic	3,281.00	3.28	3,281.00	3.28				
Clive	2000	Government	12,407.89	0.08	12,407.89	0.08				

Clive	2000	Industry	2,451,732.23	1,584.83	2,451,732.23	1,584.83				
Clive	2000	Utility	139,142.00	7.87	139,142.00	7.87				
Clive	2001	Government	443,852.40	67.46	443,852.40	67.46				
Clive	2001	Industry	1,839,268.03	354.54	1,839,268.03	354.54				
Clive	2001	Utility	201,470.97	15.78	201,470.97	15.78				
Clive	2002	Academic	4,874.00	0.07	4,874.00	0.07				
Clive	2002	Government	188,953.70	64.4	188,953.70	64.4				
Clive	2002	Industry	1,466,430.65	441.7	1,466,430.65	441.7				
Clive	2002	Utility	410,235.60	1,514.87	410,235.60	1,514.87				
Clive	2003	Academic	3,258.00	0.09	3,258.00	0.09				
Clive	2003	Government	73,190.10	23.6	73,190.10	23.6				
Clive	2003	Industry	1,188,415.25	442.9	1,188,415.25	442.9				
Clive	2003	Utility	512,387.31	178.49	512,387.31	178.49				
Clive	2004	Government	382,424.04	100.66	382,424.04	100.66				
Clive	2004	Industry	1,085,451.81	1,696.61	1,085,451.81	1,696.61				
Clive	2004	Utility	1,819,626.51	319.37	1,819,626.51	319.37				
Clive	2005	Academic	1,402.55	0.02	1,402.55	0.02				
Clive	2005	Government	250,400.66	27.83	250,400.66	27.83				
Clive	2005	Industry	1,020,000.40	590.33	1,020,000.40	590.33				
Clive	2005	Utility	2,081,316.53	415.94	2,081,316.53	415.94				
Clive	2006	Government	141,840.70	51.91	141,840.70	51.91				
Clive	2006	Industry	1,693,127.43	698.84	1,693,127.43	698.84				
Clive	2006	Medical	17,680.00	0.26	17,680.00	0.26				
Clive	2006	Undefined	24,054.64	3,477.66	24,054.64	3,477.66				



Clive	2006	Utility	1,251,999.61	134.05	1,251,999.61	134.05				
Clive	2007	Academic	54,524.63	0.83	54,524.63	0.83				
Clive	2007	Government	192,423.40	334.29	192,423.40	334.29				
Clive	2007	Industry	972,455.51	1,153.67	972,455.51	1,153.67				
Clive	2007	Medical	29,236.00	0.18	29,236.00	0.18				
Clive	2007	Undefined	27,753.53	2,121.74	27,753.53	2,121.74				
Clive	2007	Utility	973,918.75	100.04	973,918.75	100.04				
Clive	2008	Academic	5,538.30	0.39	5,538.30	0.39				
Clive	2008	Government	89,462.78	16.56	89,462.78	16.56				
Clive	2008	Industry	384,463.04	142.82	384,463.04	142.82				
Clive	2008	Undefined	12,450.09	1,704.37	12,450.09	1,704.37				
Clive	2008	Utility	441,520.03	41.91	441,520.03	41.91				
Total:			22,704,774.06	4,703,731.01	22,519,441.15	61,680.46	95,796.41	315,503.54	89,536.50	4,326,547.01
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