

DOCUMENTATION FOR THE 2012 UPDATE OF NUREG-1307, REVISION 15, "REPORT ON WASTE BURIAL CHARGES" ¹										
						Class A, B, C & GTCC Waste Disposal	Processed Waste Disposal	Total Volume of Waste Generated	Percent of Processed Waste	Percent of Direct Disposal
PLANT	TYPE	CAPACITY (MWe)	METHOD	DOCKET NO.	ADAMS NO. ²	Volume (Thousands ft ³)	Volume (Thousands ft ³)	(Direct + Vendor Disposal)	(Vendor Disposal Option)	(Direct Disposal)
Braidwood 1:	PWR	1178		50-456	ML100120241 - 01/11/2010					
Scenario 1			DECON			114	192	306	62.74%	37.26%
Scenario 2			SAFSTOR			106	223	329	67.88%	32.12%
Braidwood 2:	PWR	1152		50-457	ML100120241 - 01/11/2010					
Scenario 1			DECON			114	192	306	62.74%	37.26%
Scenario 2			SAFSTOR			106	223	329	67.88%	32.12%
Byron 1:	PWR	1164		50-454	ML093210130 - 11/16/2009					
Scenario 1			DECON			115	189	304	62.17%	37.83%
Scenario 2			SAFSTOR			107	222	329	67.57%	32.43%
Byron 2:	PWR	1136		50-455	ML093210130 - 11/16/2009					
Scenario 1			DECON			115	189	304	62.17%	37.83%
Scenario 2			SAFSTOR			107	222	329	67.57%	32.43%
Columbia Generating Station (PNNL Study) ³	BWR	1100	DECON	50-397		534	Not applicable	534	Not available	100.00%
Cooper:	BWR	830		50-298	ML083580119 - 12/15/2008					
Scenario 1			2014 DECON			239	320	559	57.25%	42.75%
Scenario 2			2014 SAFSTOR			229	385	614	62.70%	37.30%
Diablo Canyon 1:	PWR	1122		50-275	ML050960544 - 02/12/2002					
Scenario 1			DECON			116	Not available	116	Not available	100.00%
Scenario 2			SAFSTOR			102	Not available	102	Not available	100.00%
Diablo Canyon 2:	PWR	1118		50-323	ML050960544 - 02/12/2002					
Scenario 1			SAFSTOR			110	Not available	110	Not available	100.00%
Scenario 2			DECON			124	Not available	124	Not available	100.00%
Duane Arnold:	BWR	580		50-331	ML100540029 - 01/27/2010					
Scenario 1			DECON			401	Not available	401	Not available	100.00%
Scenario 2			SAFSTOR			401	Not available	401	Not available	100.00%

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PLANT	TYPE	CAPACITY (MWe)	METHOD	DOCKET NO.	ADAMS NO. ²	Class A, B, C & GTCC Waste Disposal	Processed Waste Disposal	Total Volume of Waste Generated	Percent of Processed Waste	Percent of Direct Disposal
						Volume (Thousands ft ³)	Volume (Thousands ft ³)	(Direct + Vendor Disposal)	(Vendor Disposal Option)	(Direct Disposal)
Hope Creek	BWR	1061	SAFSTOR		ML091820277 - 06/23/2009	228	233	461	50.54%	49.46%
Kewaunee:	PWR	556	DECON	50-305	ML091880777 - 06/16/2006	97	13	110	11.42%	88.58%
LaSalle 1:	BWR	1118		50-373	ML092400244 - 08/27/2009					
Scenario 1			DECON			171	552	723	76.35%	23.65%
Scenario 2			SAFSTOR			118	659	777	84.81%	15.19%
LaSalle 2:	BWR	1120		50-374	ML092400244 - 08/27/2009					
Scenario 1			DECON			191	606	797	76.04%	23.96%
Scenario 2			SAFSTOR			136	713	849	83.98%	16.02%
Monticello	BWR	572	DECON	50-263	ML0613806380 - 05/05/2006	100	291	391	74.42%	25.58%
Oyster Creek:	BWR	619		50-219	ML041130434 - 04/14/2004					
Scenario 1			DECON			310	386	696	55.50%	44.50%
Scenario 2			SAFSTOR			266	457	723	63.15%	36.85%
Palisades	PWR	778	SAFSTOR	50-255	ML062840446 - 10/10/2006	169	326	495	65.83%	34.17%
Pilgrim	BWR	685	SAFSTOR	50-293	ML082170672 - 07/16/2008	199	409	608	67.24%	32.76%
Prairie Island 1	PWR	551	DECON	50-282	ML082260425 - 08/08/2008	110	55	165	33.33%	66.67%
Prairie Island 2	PWR	545	DECON	50-306	ML082260425 - 08/08/2008	110	55	165	33.33%	66.67%
Salem 1	PWR	1174	DECON	50-272	ML081050556 - 04/07/2008	105	73	178	40.92%	59.08%
Salem 2	PWR	1130	DECON	50-311	ML081050556 - 04/07/2008	113	74	187	39.64%	60.36%
Three Mile Island 1:	PWR	819		50-289	ML091170630 - 02/11/2009					
Scenario 1			DECON			223	180	403	44.68%	55.32%
Scenario 2			SAFSTOR			186	248	434	57.20%	42.80%
Trojan (PNNL Study) ³	PWR	1130	DECON			291	Not applicable	291	Not available	100.00%
Vermont Yankee:	BWR	620		50-271	ML080430658 - 02/06/2008					
Scenario 1			DECON			334	340	674	50.48%	49.52%
Scenario 2			SAFSTOR			349	347	696	49.91%	50.09%

Nuclear Power Plant	Reactor Type	Reactory Capacity (Mwe)	Plant Docket Number	Reference: ADAMS Number - Date ¹	Decommissioning Scenario	LLW Volume (ft ³)						Percent of Total Volume			
						Vendor Processed/ Recycled	Clive, Utah Disposal Facility	Full Service Disposal Facility			Greater Than Class C	Total	Vendor	Direct Disposal	Full Service Direct Disposal
								Class A	Class B	Class C					
Braidwood 1	PWR	1178	50-456	ML100120241 - 01/11/2010	DECON Delayed DECON SAFST OR	192,800 215,600 216,600	102,300 89,700 100,700	0 0 0	4,050 3,130 2,630	459 459 470	505 505 505	300,100 309,400 320,900	64.2% 69.7% 67.5%	35.6% 30.2% 32.3%	1.5% 1.2% 1.0%
Braidwood 2	PWR	1152	50-457	ML100120241 - 01/11/2010	DECON Delayed DECON SAFST OR	190,900 229,200 230,300	112,300 89,800 100,300	0 0 0	3,960 3,130 2,630	459 459 470	505 505 505	308,100 323,100 334,200	62.0% 70.9% 68.9%	37.9% 28.9% 30.9%	1.4% 1.1% 0.9%
Byron 1	PWR	1164	50-454	ML093210130 - 11/16/2009	DECON Delayed DECON SAFST OR	192,800 215,600 217,400	106,200 93,100 103,500	0 0 0	4,050 3,130 2,630	459 459 470	505 505 505	304,100 312,800 324,500	63.4% 68.9% 67.0%	36.4% 30.9% 32.9%	1.5% 1.1% 1.0%
Byron 2	PWR	1136	50-455	ML093210130 - 11/16/2009	DECON Delayed DECON SAFST OR	186,000 225,600 227,300	112,700 89,900 100,000	0 0 0	3,960 3,130 2,630	459 459 470	505 505 505	303,700 319,600 330,900	61.2% 70.6% 68.7%	38.6% 29.3% 31.2%	1.5% 1.1% 0.9%
Cooper	BWR	830	50-298	ML083580119 - 12/15/2008	2014 DECON 2014 Delayed DECON 2014 SAFST OR 2034 DECON 2034 Delayed DECON 2034 SAFST OR	319,800 384,300 384,700 319,800 384,300 384,700	232,900 206,400 226,300 232,900 198,700 226,000	0 0 0 0 0 0	3,880 1,380 1,380 3,650 4,110 1,250	976 344 344 1,205 470 470	508 508 508 508 508 508	558,000 592,900 613,200 558,000 588,100 612,900	57.3% 64.8% 62.7% 57.3% 65.3% 62.8%	42.6% 35.1% 37.2% 42.6% 34.6% 37.2%	0.9% 0.3% 0.3% 0.9% 0.8% 0.3%
Diablo Canyon 1	PWR	1122	50-275	ML050960544 - 02/12/2002	DECON SAFST OR	NA ² NA ²	0 0	98,652 93,981	16,260 7,050	574 584	604 604	NA ² NA ²	NA ² NA ²	NA ² NA ²	100.0% 100.0%
Diablo Canyon 2 and Common	PWR	1118	50-323	ML050960544 - 02/12/2002	DECON SAFST OR	NA ² NA ²	0 0	107,868 101,957	15,270 7,310	574 584	604 604	NA ² NA ²	NA ² NA ²	NA ² NA ²	100.0% 100.0%
Duane Arnold	BWR	580	50-331	ML100540029 - 01/27/2010	DECON SAFST OR Delayed DECON Delayed SAFST OR	0 0 0 0	395,500 398,800 395,600 398,700	0 0 0 0	3,220 2,100 3,220 2,400	1,365 2,015 975 1,625	823 0 823 0	400,900 402,900 400,600 402,700	0.0% 0.0% 0.0% 0.0%	99.8% 100.0% 99.8% 100.0%	1.1% 1.0% 1.0% 1.0%
Hope Creek	BWR	1061		ML091820277 - 06/23/2009	SAFST OR	233,100	98,000	104,111	20,950	918	851	457,900	50.9%	48.9%	27.5%
Kewaunee	PWR	556	50-305	ML091880777 - 06/16/2006	DECON Delayed DECON	12,700 12,700	71,000 71,000	21,967 21,967	1,690 1,690	1,299 1,299	168 168	108,800 108,800	11.7% 11.7%	88.2% 88.2%	22.9% 22.9%
LaSalle 1	BWR	1118	50-373	ML092400244 - 08/27/2009	DECON Delayed DECON SAFST OR	552,400 657,800 659,500	160,700 96,900 112,000	0 0 0	5,150 4,510 1,750	1,435 631 652	671 671 671	720,300 760,500 774,600	76.7% 86.5% 85.1%	23.2% 13.4% 14.8%	0.9% 0.7% 0.3%
LaSalle 2	BWR	1120	50-374	ML092400244 - 08/27/2009	DECON Delayed DECON SAFST OR	606,300 710,900 712,500	180,800 115,500 130,100	0 0 0	5,270 4,510 1,750	1,435 631 652	671 671 671	794,500 832,200 845,700	76.3% 85.4% 84.2%	23.6% 14.5% 15.7%	0.8% 0.6% 0.3%
Monticello	BWR	572	50-263	ML061380638 - 05/05/2006	DECON	290,500	87,200	0	7,970	804	408	386,900	75.1%	24.8%	2.3%
Oyster Creek	BWR	619	50-219	ML041130434 - 04/14/2004	DECON Delayed DECON SAFST OR	386,300 462,200 456,600	227,800 203,600 221,900	64,220 36,478 32,733	11,820 6,690 6,410	631 287 287	411 411 411	691,200 709,700 718,300	55.9% 65.1% 63.6%	44.0% 34.8% 36.4%	11.1% 6.1% 5.5%
Palisades	PWR	778	50-255	ML062840446 - 10/10/2006	SAFST OR	325,800	113,200	38,469	3,770	115	495	481,900	67.6%	32.3%	8.8%
Pilgrim	BWR	685	50-293	ML082170672 - 07/16/2008	SAFST OR	408,600	183,400	0	3,310	287	480	596,100	68.5%	31.4%	0.6%
Prairie Island 1	PWR	551	50-282	ML082260425 - 08/08/2008	DECON	132,000	68,700	0	2,470	918	512	204,600	64.5%	35.2%	1.7%
Prairie Island 2	PWR	545	50-306	ML082260425 - 08/08/2008	DECON	156,600	80,000	0	2,470	918	512	240,500	65.1%	34.7%	1.4%
Salem 1	PWR	1174	50-272	ML081050556 - 04/07/2008	DECON	72,800	84,200	0	13,150	459	613	171,200	42.5%	57.1%	7.9%
Salem 2	PWR	1130	50-311	ML081050556 - 04/07/2008	DECON	74,400	91,500	0	13,170	459	613	180,100	41.3%	58.4%	7.6%
Three Mile Island 1	PWR	819	50-289	ML091170630 - 02/11/2009	DECON Delayed DECON SAFST OR	179,900 247,800 248,300	215,900 167,600 181,100	0 0 0	4,890 2,630 2,820	517 517 517	580 580 580	401,800 419,200 433,400	44.8% 59.1% 57.3%	55.1% 40.7% 42.6%	1.3% 0.8% 0.8%
Vermont Yankee	BWR	620	50-271	ML080430658 - 02/06/2008	2012 DECON 2017 2032 DECON 2017 2012 DECON 2057 2032 DECON 2042 2012 SAFST OR 2017 2032 SAFST OR 2017 2012 SAFST OR 2057 2032 SAFST OR 2042	340,000 340,000 340,000 340,000 346,300 346,300 347,500 347,500	322,500 322,000 322,500 322,000 333,800 329,700 342,300 340,900	0 0 0 0 0 0 0 0	4,070 4,400 4,070 4,400 1,130 2,750 1,130 1,130	574 746 574 746 230 605 230 230	466 466 466 466 466 466 466 466	667,600 667,600 667,600 667,600 681,900 679,800 691,600 690,300	50.9% 50.9% 50.9% 50.9% 50.8% 50.9% 50.2% 50.3%	49.0% 49.0% 49.0% 49.0% 49.2% 49.0% 49.7% 49.6%	0.7% 0.8% 0.7% 0.8% 0.2% 0.5% 0.2% 0.2%