

-----Original Message-----

From: John Isaacson [mailto:isaacson@lanl.gov]

Sent: Friday, April 08, 2005 6:02 PM

To: KIRK.W.OWENS@saic.com

Cc: sradz@lanl.gov

Subject: MRSC D&D data for consolidation

Kirk, you had asked about getting the list of buildings that would be partially or totally vacated by the move to the MRSC. Attached is a list from C division. Let me know if this is what you were after or if you need more information.

Thanks, JI

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John Isaacson

S-SWEIS Project Leader

ENV Division M887

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Division	Facility		Building Size (Occupiable, Net and Gross sqft)			Space Proposed for Consolidation at Radiological Complex			Ratio of Space Types (for determining appropriate multipliers for space conversion)					
			% to rad complex	Bldg type	rad contamination potential	OCCUPIABLE sqft	interior gross (NET) sqft	exterior GROSS sqft	OCCUPIABLE sqft to rad complex	interior gross (NET) sqft to rad complex	exterior GROSS sqft to rad complex	NET/OCC	GROSS/OCC	GROSS/NET
Chemistry	46-24	permanent	50%	concrete block	very low	17,035	22,854	24,160	8,518	11,427	12,080	1.34	1.42	1.06
	46-31	permanent	25%	concrete block	low	20,034	24,816	25,534	5,009	6,204	6,384	1.24	1.27	1.03
	46-158	permanent	15%	wood/metal	very low	4,307	5,548	5,854	646	832	878	1.29	1.36	1.06
	46-200	permanent	50%	wood/metal	very low	2,382	3,256	3,509	1,191	1,628	1,755	1.37	1.47	1.08
	46-250	permanent	100%	wood/metal	very low	2,875	3,941	4,244	2,875	3,941	4,244	1.37	1.48	1.08
	48-1	permanent	100%	concrete block	medium	50,703	99,486	105,836	50,703	99,486	105,836	1.96	2.09	1.06
	48-8	permanent	100%	wood/metal	very low	3,738	3,829	4,061	3,738	3,829	4,061	1.02	1.09	1.06
	48-17	permanent	100%	wood/metal	low	1,319	1,412	1,570	1,319	1,412	1,570	1.07	1.19	1.11
	48-26	permanent	100%	concrete block	low	254	254	293	254	254	293	1.00	1.15	1.15
	48-27	transportable	100%	wood/metal	low	253	253	288	253	253	288	1.00	1.14	1.14
	48-29	transportable	100%	wood/metal; concrete block basement	none	2,627	3,360	3,360	2,627	3,360	3,360	1.28	1.28	1.00
	48-33	transportable	100%	wood/metal	none	253	288	288	253	288	288	1.14	1.14	1.00
	48-34	transportable	100%	wood/metal	none	2,678	3,382	3,382	2,678	3,382	3,382	1.26	1.26	1.00
	48-46	transportable	100%	wood/metal	none	1,448	1,586	1,695	1,448	1,586	1,695	1.10	1.17	1.07
	48-47	transportable	100%	wood/metal	none	1,237	1,586	1,695	1,237	1,586	1,695	1.28	1.37	1.07
	48-149	trailer	100%	wood/metal	none	509	667	727	509	667	727	1.31	1.43	1.09
	48-154	trailer	100%	wood/metal	none	998	1,378	1,454	998	1,378	1,454	1.38	1.46	1.06
	48-208	transportable	100%	wood/metal	none	2,268	2,413	2,514	2,268	2,413	2,514	1.06	1.11	1.04
	48-214	transportable	100%	wood/metal	none	944	1,364	1,431	944	1,364	1,431	1.44	1.52	1.05
	59-1	permanent	25%	concrete block	medium	31,499	52,069	53,901	7,875	13,017	13,475	1.65	1.71	1.04
									95,342	158,307	167,409	1.66	1.76	1.06
Materials Science	3-169	permanent	100%			6,066	6,066	6,252	6,066	6,066	6,252	1.00	1.03	1.03
	3-66	permanent	100%			118,735	179,956	191,489	118,735	179,956	191,489	1.52	1.61	1.06
	3-451	permanent	100%			1,303	1,521	1,666	1,303	1,521	1,666	1.17	1.28	1.10
	3-1524	trailer	100%			642	652	711	642	652	711	1.02	1.11	1.09
	3-1525	trailer	100%			642	652	711	642	652	711	1.02	1.11	1.09
									127,388	188,847	200,829	1.48	1.58	1.06
N	35-2	permanent	32%			50,741	79,536	83,734	16,237	25,452	26,795	1.57	1.65	1.05
	35-27	permanent	100%			28,000	40,101	42,069	28,000	40,101	42,069	1.43	1.50	1.05
	35-68	permanent	100%			4,640	5,700	6,090	4,640	5,700	6,090	1.23	1.31	1.07
	35-115	permanent	100%			129	129	137	129	129	137	1.00	1.06	1.06
	35-239	trailer	100%			546	546	588	546	546	588	1.00	1.08	1.08
	35-253	transportable	100%			1,068	1,381	1,440	1,068	1,381	1,440	1.29	1.35	1.04
	35-261	trailer	100%			672	672	720	672	672	720	1.00	1.07	1.07
	35-262	trailer	100%			672	672	720	672	672	720	1.00	1.07	1.07
	35-263	trailer	100%			672	672	720	672	672	720	1.00	1.07	1.07
	35-347	permanent	100%			296	296	314	296	296	314	1.00	1.06	1.06
	35-382	trailer	100%			679	679	732	679	679	732	1.00	1.08	1.08
	18-1	permanent	100%			807	986	1,051	807	986	1,051	1.22	1.30	1.07
	18-23	permanent	100%			2,145	2,533	2,681	2,145	2,533	2,681	1.18	1.25	1.06
	18-26	permanent	100%			191	191	287	191	191	287	1.00	1.50	1.50
	18-28	permanent	100%			4,695	4,695	4,782	4,695	4,695	4,782	1.00	1.02	1.02
	18-30	permanent	100%			16,272	21,914	23,137	16,272	21,914	23,137	1.35	1.42	1.06
	18-32	permanent	100%			2,866	3,023	3,268	2,866	3,023	3,268	1.05	1.14	1.08
	18-116	permanent	100%			5,125	5,667	5,790	5,125	5,667	5,790	1.11	1.13	1.02
	18-119	permanent	100%			1,147	1,173	1,242	1,147	1,173	1,242	1.02	1.08	1.06
	18-122	transportable	100%			1,271	1,297	1,372	1,271	1,297	1,372	1.02	1.08	1.06
	18-127	permanent	100%			8,249	8,866	9,537	8,249	8,866	9,537	1.07	1.16	1.08
	18-129	permanent	100%			5,846	6,321	6,570	5,846	6,321	6,570	1.08	1.12	1.04
	18-138	permanent	100%			1,197	1,223	1,344	1,197	1,223	1,344	1.02	1.12	1.10
	18-141	permanent	100%			0	815	963	0	815	963			1.18
	18-147	permanent	100%			939	1,142	1,298	939	1,142	1,298	1.22	1.38	1.14
	18-168	permanent	100%			361	361	400	361	361	400	1.00	1.11	1.11
	18-184	trailer	100%			240	240	248	240	240	248	1.00	1.03	1.03
	18-227	permanent	100%			2,319	2,571	2,838	2,319	2,571	2,838	1.11	1.22	1.10
	18-256	other	100%			890	890	920	890	890	920	1.00	1.03	1.03
	18-257	other	100%			1,178	1,341	1,440	1,178	1,341	1,440	1.14	1.22	1.07
	18-258	other	100%			1,273	1,355	1,440	1,273	1,355	1,440	1.06	1.13	1.06
	18-288	trailer	100%			743	767	840	743	767	840	1.03	1.13	1.10
	18-297	permanent	100%			840	840	874	840	840	874	1.00	1.04	1.04
	18-300	trailer	100%			1,297	1,588	1,662	1,297	1,588	1,662	1.22	1.28	1.05
	18-301	trailer	100%			631	1,048	1,110	631	1,048	1,110	1.66	1.76	1.06
									114,133	147,147	155,419	1.29	1.36	1.06
Radiological Machining	3-102	permanent	100%			22,735	28,237	29,365	22,735	28,237	29,365	1.24	1.29	1.04
TOTAL									359,598	522,538	553,022	1.45	1.54	1.06

303,984	120,473	424,457	26,250	18,914	45,166	469,623
425,578	168,662	594,240	36,750	26,482	63,232	657,472

Building Details for Space Summary

Division	Facility		% to rad complex	sqft (int gross)	sqft (int gross) to rad complex	sqft (occ)	sqft (occ) to Rad Complex	Year Built	Building Age	CAS score	Deferred Maintenance	comments	sqft by condition score						
													excellent	good	adequate	fair	poor	fail	
Chemistry	46-24	permanent	50%	22,854	11,427	17,023	8,512	1958	45	FAIR	\$1,064,736				8,512				
	46-31	permanent	50%	24,816	12,408	20,034	10,017	1958	45	ADEQUATE	\$524,263			10,017					
	46-158	permanent	50%	5,548	2,774	4,307	2,154	1981	22	EXCELLENT	\$19,099	2,154							
	46-200	permanent	50%	3,256	1,628	2,382	1,191	1986	17	GOOD	\$23,022		1,191						
	46-250	permanent	100%	3,941	3,941	2,875	2,875	1992	11	GOOD	\$18,342		2,875						
		48-1	permanent	100%	99,486	99,486	50,703	50,703	1957	46	POOR	\$8,673,395	Deferred maintenance should be 13mil					50,703	
		48-8	permanent	100%	3,829	3,829	3,738	3,738	1966	37	ADEQUATE	\$45,829			3,738				
		48-17	permanent	100%	1,412	1,412	1,319	1,319	1979	24	ADEQUATE	\$56,729			1,319				
		48-26	permanent	100%	254	254	254	254	1980	23	EXCELLENT	\$0	254						
		48-27	transportable	100%	253	253	253	253	1981	22	EXCELLENT	\$0	253						
		48-29	transportable	100%	3,360	3,360	2,627	2,627	1982	21	POOR	\$176,673					2,627		
		48-33	transportable	100%	288	288	253	253	1985	18	POOR	\$15,407					253		
		48-34	transportable	100%	3,382	3,382	2,678	2,678	1984	19	POOR	\$165,665					2,678		
		48-46	transportable	100%	1,586	1,586	1,448	1,448	1985	18	POOR	\$88,844					1,448		
		48-47	transportable	100%	1,586	1,586	1,237	1,237	1985	18	POOR	\$92,588					1,237		
		48-149	trailer	100%	667	667	509	509	1985	18	FAIL	\$54,777						509	
		48-154	trailer	100%	1,378	1,378	998	998	1988	15	POOR	\$40,478					998		
		48-208	transportable	100%	2,413	2,413	2,268	2,268	1998	5	ADEQUATE	\$22,385			2,268				
		48-214	transportable	100%	1,364	1,364	944	944	2003	0	EXCELLENT	\$0	944						
		59-1	permanent	50%	52,069	26,035	31,499	15,750	1967	36	FAIR	\$2,546,779				15,750			
					179,471		109,727				\$13,629,011		sqft	3,605	4,066	17,342	24,262	59,944	509
													% of total	3%	4%	16%	22%	55%	0%
Materials Science	3-32	permanent	52%	14,608	7,596	10,449	5,433	1953	50	POOR	\$2,072,462					10449			
	3-34	permanent	98%	31,245	30,620	20,922	20,504	1955	48	FAIR	\$2,051,965			20922					
	3-35	permanent	100%	10,120	10,120	6,532	6,532	1954	49	FAIL	\$3,550,749						6532		
	3-169	permanent	100%	6,066	6,066	6,066	6,066	1964	39	POOR	\$182,933					6066			
	3-66	permanent	83%	179,956	149,363	120,857	100,311	1959	44	POOR	\$10,814,770					120857			
	3-451	permanent	100%	1,521	1,521	1,303	1,303	1982	21	GOOD	\$16,580		1303						
	3-1524	trailer	100%	652	652	642	642	1979	24	FAIL	\$129,563						642		
	3-1525	trailer	100%	652	652	642	642	1979	24	FAIL	\$138,640						642		
				206,591		141,433				\$18,957,662		sqft	0	1,303	0	20,922	137,372	7,816	
													% of total	0%	1%	0%	15%	97%	6%

Building Details for Space Summary

Division	Facility		% to rad complex	sqft (int gross)	sqft (int gross) to rad complex	sqft (occ)	sqft (occ) to Rad Complex	Year Built	Building Age	CAS score	Deferred Maintenance	comments	sqft by condition score						
													excellent	good	adequate	fair	poor	fail	
N-1	35-2	permanent	100%	79,536	79,536	50,741	50,741	1951	52	EXCELLENT	\$294,951		50741						
	35-27	permanent	100%	40,101	40,101	21,636	21,636	1967	36	ADEQUATE	\$535,550			21636					
	35-115	permanent	100%	129	129	129	129	1976	27	EXCELLENT	\$0		129						
	35-239	trailer	100%	546	546	546	546	1975	28	POOR	\$17,718					546			
	35-253	transportable	100%	1,381	1,381	1,068	1,068	1979	24	POOR	\$46,138					1068			
	35-261	trailer	100%	672	672	672	672	1985	18	FAIL	\$66,028							672	
	35-262	trailer	100%	672	672	672	672	1985	18	FAIL	\$62,388							672	
	35-263	trailer	100%	672	672	672	672	1985	18	FAIL	\$66,028							672	
	35-347	permanent	100%	296	296	296	296	1978	25	POOR	\$13,639					296			
	35-382	trailer	100%	679	679	679	679	1990	13	FAIR	\$15,943				679				
N-2	18-1	permanent	100%	986	986	807	807	1944	59	FAIL	\$558,775							807	
	18-28	permanent	100%	4,695	4,695	4,695	4,695	1948	55	ADEQUATE	\$25,500			4695					
	18-30	permanent	100%	21,914	21,914	16,272	16,272	1953	50	FAIL	\$1,640,463							16272	
	18-129	permanent	100%	6,321	6,321	5,846	5,846	1962	41	FAIR	\$335,934				5846				
	18-141	permanent	100%	815	815	0	0	1966	37	POOR	\$89,060						0		
	18-147	permanent	100%	1,142	1,142	939	939	1968	35	POOR	\$60,339					939			
	18-227	permanent	100%	2,571	2,571	2,319	2,319	1990	13	ADEQUATE	\$40,374			2319					
	18-256	other	100%	890	890	890	890	1989	14	EXCELLENT	\$0		890						
	18-257	other	100%	1,341	1,341	1,178	1,178	1990	13	FAIR	\$19,412				1178				
	18-258	other	100%	1,355	1,355	1,273	1,273	1989	14	FAIL	\$86,528							1273	
	18-288	trailer	100%	767	767	743	743	1985	18	FAIR	\$20,034				743				
	18-297	permanent	100%	840	840	840	840	1997	6	EXCELLENT	\$0		840						
	18-300	trailer	100%	1,588	1,588	1,297	1,297	2001	2	EXCELLENT	\$0		1297						
18-301	trailer	100%	1,048	1,048	631	631	2001	2	EXCELLENT	\$0		631							
					170,957	429,603	114,841				\$3,994,802		sqft	54,528	0	28,650	8,446	2,849	20,368
													% of total	47%	0%	25%	7%	2%	18%

Space Summary

Division	Primary buildings to be excessed / D&D'd	SQFT (OCC)	Predominant condition (CAS rating)*	Age	Remaining lifetime estimate	Total deferred maintenance
Chemistry	46-24, 46-31, 46-158, 46-200, 46-250, 48-1, 48-8, 48-17, 48-26, 48-27, 48-29, 48-33, 48-34, 48-46, 48-47, 48-149, 48-154, 48-208, 48-214, 59-1	109,727	POOR	40-49		\$13,629,011
Materials Science & Technology	3-32, 3-34, 3-35, 3-169, 3-66, 3-451, 3-1524, 3-1525	167,413	POOR	40-49		\$18,957,662
Nuclear Nonproliferation	35-2, 35-27, 35-115, 35-239, 35-253, 35-261, 35-262, 35-263, 35-347, 35-382, 18-1, 18-28, 18-30, 18-129, 18-141, 18-147, 18-227, 18-256, 18-257, 18-258, 18-297, 18-300, 18-301	114,841	EXCELLENT	30-49		\$3,994,802
Advanced Fuel Cycle	all new space					

*weighted by building size

Space Summary

Division	Space to be Vacated	Total SQFT proposed to be consolidated	Condition Assessment Scores*			Building Age**			Total deferred maintenance for affected buildings
			excl to good	adqt to fair	poor to fail	0-19	20-39	40-59	
Chemistry	10 permanent buildings, 8 transportables, 2 trailers	119,842	30%	30%	40%	10%	30%	60%	\$13,629,011
Materials Science & Technology	6 permanent buildings, 2 trailers		12%	13%	75%	0%	5%	95%	\$18,957,662
Nuclear Nonproliferation	12 permanent buildings, 1 transportable, 8 trailers, 3 "other"	71,440	25%	29%	46%	10%	22%	68%	\$3,994,802
	TOTAL	191,282							\$36,581,475

*% of buildings in each condition category

**% of total square footage in each age category