K/EM-111

SUMMARY OF HP DATA–SHIFT-LENGTH AIR SAMPLES - 1966

(From Box #13-1-24)

Compiled by
S. G. Thornton
Environmental Management Division
OAK RIDGE K-25 SITE
for the Health Studies Agreement

April 1, 1995

Oak Ridge K-25 Site
Oak Ridge, Tennessee 37831-7101
managed by MARTIN MARIETTA ENERGY SYSTEMS, INC.
for the U.S. DEPARTMENT OF ENERGY
under Contract DE-AC05-84OR21400

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Oak Ridge K-25 Site
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SUMMARY OF HEALTH PHYSICS DATA
SHIFT-LENGTH AIR SAMPLES - 1966

4th Quarter 6

SHIFT-LENGTH AIR SAMPLES

LOCATION		No. Taken	No. > PAL	% > PAL	Tot. Act. (c/m/ft^3)	Av. Act. (c/m/ft^3)
TECHNICAL						
	12-8					
shift	8-4					
	4-12					
MAINTENANCE		446	0	0	63.49	0.14
	12-8					
shift	8-4					
	4-12					
K-1401		243	0	0	39.46	0.16
	12-8					
shift	8-4					
	4-12					
K-131		203	0	0	24.03	0.14
	12-8					
shift	8-4					
	4-12					
All Others						
	12-8					
shift	8-4					
	4-12					
PLANT		2629	17	0.27	404.93	0.15
	12-8					
shift	8-4					
	4-12					

4th Quarter '66

SHIFT-LENGTH AIR SAMPLES

LOCATION		No. Taken	No. > PAL	% > PAL	Tot. Act. (c/m/ft^3)	Avg. Act. (c/m/ft^3)
PRODUCTION		2183	7	0.32	341.44	0.16
	12-8					
shift	8-4					
	4-12					
K-1420 Building		1068	2	0.19	202.91	0.19
	12-8					
shift	8-4					
	4-12					
K-413 Building		265	0	0	11.98	0.05
	12-8					
shift	8-4					
	4-12					
K-601 Sampling Room		272	2	0.74	37.30	0.14
	12-8					
shift	8-4					
	4-12					
K-1131 Building		269	0	0	29.48	0.11
	12-8					
shift	8-4					
	4-12					
K-631 Building		267	0	0	44.28	0.17
	12-8					
shift	8-4					
	4-12					
All Others K33		52	3	5.77	1.49	0.30
	12-8					
shift	8-4					
	4-12					

December '66

SHIFT-LENGTH AIR SAMPLES

LOCATION			No. Taken	No. > PAL	% > PAL	Tot. Act. (c/m/ft^3)	Av. Act. (c/m/ft^3)
TECHNICAL		Monitor not operating					
	(	12-8					
	shift (	8-4					
	(	4-12					
MAINTENANCE			10	0	0	10.04	0.10
	(	12-8					
	shift (	8-4					
	(	4-12					
K-1401			74	0	0	8.19	0.11
	(	12-8					
	shift (	8-4					
	(	4-12					
K-131			31	0	0	1.45	0.05
	(	12-8					
	shift (	8-4					
	(	4-12					
All Others							
	(	12-8					
	shift (	8-4					
	(	4-12					
PLANT			874	2	0.24	119.43	0.14
	(	12-8					
	shift (	8-4					
	(	4-12					

December - '66

SHIFT-LENGTH AIR SAMPLES

LOCATION		No. Taken	No. > PAL	% > PAL	Tot. Act. (c/m/ft^3)	Avg. Act. (c/m/ft^3)
PRODUCTION		719	2	0.26	109.39	0.15
	12-8					
shift	8-4					
	4-12					
K-1420 Building	4 (500)	360	2	0.56	76.31	0.21
	12-8					
shift	8-4					
	4-12					
K-413 Building		93	0	0	3.54	0.04
	12-8					
shift	8-4					
	4-12					
K-601 Sampling Room		94	0	0	3.47	0.04
	12-8					
shift	8-4					
	4-12					
K-1131 Building		88	0	0	10.43	0.12
	12-8					
shift	8-4					
	4-12					
K-631 Building		84	0	0	15.69	0.19
	12-8					
shift	8-4					
	4-12					
All Others						
	12-8					
shift	8-4					
	4-12					