

ANNEX E to ATTACHMENT F

WASTE STREAM LEVEL RADIONUCLIDE ACTIVITIES FOR THE CRA

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Table DATA-F-E-1. Scaled Volume and Activities of Selected Radionuclides for CH-TRU Waste Streams¹

Site	Waste Stream ID#	Scaled Volume (m ³)	Scaled Total Curies of Each Radionuclide For Each Waste Stream																			
			²⁴¹ Am	²⁴³ Am	²⁴⁴ Cm	¹³⁷ Cs	²³⁷ Np	²³⁸ Pu	²³⁹ Pu	²⁴⁰ Pu	²⁴¹ Pu	²⁴² Pu	²⁴⁴ Pu	⁹⁰ Sr	²²⁹ Th	²³⁰ Th	²³² Th	²³³ U	²³⁴ U	²³⁵ U	²³⁶ U	²³⁸ U
AE	AE-T001	229.5	8.3 × 10 ¹	---	---	5.3 × 10 ⁰	9.8 × 10 ⁻¹	1.8 × 10 ¹	2.1 × 10 ²	1.2 × 10 ²	2.4 × 10 ³	1.0 × 10 ¹	---	3.8 × 10 ⁰	2.1 × 10 ⁻⁴	1.8 × 10 ⁻⁶	9.1 × 10 ⁻⁵	1.4 × 10 ⁻¹	1.3 × 10 ⁻²	4.1 × 10 ⁻³	8.8 × 10 ⁻⁵	7.3 × 10 ⁻²
AE	AE-T003	52.1	7.0 × 10 ⁰	---	---	1.5 × 10 ⁻²	3.2 × 10 ⁻²	2.4 × 10 ⁰	6.5 × 10 ¹	2.5 × 10 ¹	1.3 × 10 ³	7.0 × 10 ⁻⁴	---	3.7 × 10 ⁻²	2.8 × 10 ⁻⁵	8.1 × 10 ⁻⁹	3.6 × 10 ⁻¹⁵	2.1 × 10 ⁻²	1.1 × 10 ⁻⁴	1.7 × 10 ⁻⁴	1.0 × 10 ⁻⁵	3.7 × 10 ⁻³
AW	AW-N026.82	0.2	---	---	---	3.0 × 10 ⁻¹	---	---	---	---	---	---	---	1.5 × 10 ⁰	---	---	---	---	---	---	---	---
AW	AW-N027.531	14.6	4.2 × 10 ⁻²	---	---	---	1.4 × 10 ⁻⁸	6.3 × 10 ¹	4.8 × 10 ¹	2.9 × 10 ¹	2.5 × 10 ¹	3.6 × 10 ⁻⁶	---	---	4.2 × 10 ⁻¹⁰	3.7 × 10 ⁻⁹	2.1 × 10 ⁻¹⁹	4.4 × 10 ⁻⁶	5.0 × 10 ⁻⁴	3.0 × 10 ⁻⁵	8.5 × 10 ⁻⁹	1.1 × 10 ⁻⁷
AW	AW-T033.1325	53.5	1.6 × 10 ¹	---	---	---	5.0 × 10 ⁻⁸	2.3 × 10 ²	1.7 × 10 ²	1.1 × 10 ⁰	9.3 × 10 ⁻¹	1.3 × 10 ⁻⁵	---	---	1.5 × 10 ⁻⁹	1.3 × 10 ⁻⁸	7.7 × 10 ⁻¹⁹	1.6 × 10 ⁻⁵	1.8 × 10 ⁻³	1.1 × 10 ⁻⁴	3.1 × 10 ⁻⁸	4.1 × 10 ⁻⁷
AW	AW-W049	18.0	---	---	---	---	---	---	7.7 × 10 ⁻¹	---	---	---	---	---	---	---	---	---	---	7.6 × 10 ⁻¹⁰	---	---
BC	BCLCH-MT01	5.2	6.5 × 10 ⁰	---	---	---	---	1.8 × 10 ²	2.9 × 10 ¹	7.5 × 10 ⁰	3.6 × 10 ³	1.2 × 10 ⁻³	---	---	---	---	---	---	---	---	---	---
BT	BT-T002	18.6	8.4 × 10 ⁻³	4.0 × 10 ⁻⁵	2.5 × 10 ⁻³	2.1 × 10 ¹	5.6 × 10 ⁻⁵	9.3 × 10 ⁻¹	7.3 × 10 ⁻⁴	1.5 × 10 ⁻³	1.6 × 10 ⁻¹	1.2 × 10 ⁻⁵	6.6 × 10 ⁻¹³	2.1 × 10 ¹	---	---	5.6 × 10 ⁻¹⁴	---	2.0 × 10 ⁻³	2.6 × 10 ⁻⁵	3.0 × 10 ⁻⁴	1.2 × 10 ⁻⁷
ET	ET-C1-B55	0.8	4.8 × 10 ⁻²	---	---	---	1.9 × 10 ⁻⁷	1.1 × 10 ⁻²	6.2 × 10 ⁻²	3.1 × 10 ⁻²	2.8 × 10 ⁻¹	---	---	---	2.1 × 10 ⁻¹⁵	2.8 × 10 ⁻⁸	3.8 × 10 ⁻¹⁸	5.2 × 10 ⁻¹²	2.4 × 10 ⁻⁴	8.0 × 10 ⁻¹⁰	1.2 × 10 ⁻⁸	---
ET	ET-C1-D139	0.2	6.7 × 10 ⁻³	---	---	---	2.8 × 10 ⁻⁸	1.5 × 10 ⁻³	8.7 × 10 ⁻³	4.4 × 10 ⁻³	3.7 × 10 ⁻²	2.0 × 10 ⁻⁶	---	---	3.6 × 10 ⁻¹⁶	4.0 × 10 ⁻¹²	6.3 × 10 ⁻¹⁹	8.3 × 10 ⁻¹³	6.2 × 10 ⁻⁸	1.2 × 10 ⁻¹⁰	1.8 × 10 ⁻⁹	4.2 × 10 ⁻¹⁵
ET	ET-C2-SEFOR	1.2	1.8 × 10 ⁻¹	---	---	1.6 × 10 ⁻²	7.7 × 10 ⁻⁷	---	1.4 × 10 ⁻¹	4.6 × 10 ⁻²	5.7 × 10 ⁻¹	---	---	1.2 × 10 ⁻²	1.0 × 10 ⁻¹⁴	---	6.6 × 10 ⁻¹⁸	2.3 × 10 ⁻¹¹	---	1.9 × 10 ⁻⁹	1.9 × 10 ⁻⁸	---
IN	IN-BN-510	19874.8	7.4 × 10 ³	6.4 × 10 ³	---	---	2.2 × 10 ⁻¹	5.0 × 10 ¹	4.0 × 10 ⁴	3.4 × 10 ³	7.8 × 10 ¹	1.1 × 10 ¹	---	---	1.1 × 10 ⁰	1.2 × 10 ⁻⁴	6.6 × 10 ⁰	8.8 × 10 ²	2.0 × 10 ⁰	7.9 × 10 ⁻²	1.3 × 10 ⁻³	2.3 × 10 ⁻²
IN	IN-GEM-01	204.8	9.2 × 10 ¹	---	---	---	---	1.0 × 10 ⁰	4.5 × 10 ¹	1.0 × 10 ¹	5.5 × 10 ¹	5.3 × 10 ⁻⁴	---	---	---	---	---	---	---	---	---	---
IN	IN-GEM-02	48.7	2.2 × 10 ¹	---	---	---	---	2.4 × 10 ⁻¹	1.1 × 10 ¹	2.4 × 10 ⁰	1.3 × 10 ¹	1.3 × 10 ⁻⁴	---	---	---	---	---	---	---	---	---	---
IN	IN-W157.144	745.6	7.8 × 10 ¹	---	---	---	2.8 × 10 ⁻⁴	9.7 × 10 ⁰	3.0 × 10 ²	6.9 × 10 ¹	9.8 × 10 ²	5.0 × 10 ⁻³	---	---	2.8 × 10 ⁻¹²	2.2 × 10 ⁻⁸	8.5 × 10 ⁻¹⁵	7.3 × 10 ⁻⁹	3.8 × 10 ⁻⁴	3.9 × 10 ⁻⁶	2.7 × 10 ⁻⁵	9.7 × 10 ⁻¹²
IN	IN-W159.1072	0.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
IN	IN-W163.1007	11.5	8.7 × 10 ⁰	---	---	---	2.0 × 10 ⁻⁵	3.0 × 10 ⁰	9.4 × 10 ¹	2.1 × 10 ¹	3.0 × 10 ²	1.5 × 10 ⁻³	---	---	1.3 × 10 ⁻¹³	6.9 × 10 ⁻⁹	2.6 × 10 ⁻¹⁵	4.0 × 10 ⁻¹⁰	1.2 × 10 ⁻⁴	1.2 × 10 ⁻⁶	8.2 × 10 ⁻⁶	3.0 × 10 ⁻¹²
IN	IN-W164.153	4.8	8.3 × 10 ⁻²	---	---	---	1.9 × 10 ⁻⁷	2.9 × 10 ⁻²	9.0 × 10 ⁻¹	2.0 × 10 ⁻¹	2.9 × 10 ⁰	1.5 × 10 ⁻⁵	---	---	1.2 × 10 ⁻¹⁵	6.6 × 10 ⁻¹¹	2.5 × 10 ⁻¹⁷	3.8 × 10 ⁻¹²	1.1 × 10 ⁻⁶	1.1 × 10 ⁻⁸	7.8 × 10 ⁻⁸	2.9 × 10 ⁻¹⁴
IN	IN-W167.149	383.3	2.0 × 10 ¹	---	---	---	6.1 × 10 ⁻⁵	4.6 × 10 ⁰	1.4 × 10 ²	3.3 × 10 ¹	4.7 × 10 ²	2.4 × 10 ⁻³	---	---	5.4 × 10 ⁻¹³	1.1 × 10 ⁻⁸	4.1 × 10 ⁻¹⁵	1.5 × 10 ⁻⁹	1.8 × 10 ⁻⁴	1.9 × 10 ⁻⁶	1.3 × 10 ⁻⁵	4.6 × 10 ⁻¹²
IN	IN-W174.154	431.1	---	---	---	---	---	2.6 × 10 ³	1.9 × 10 ⁰	3.9 × 10 ⁰	---	---	---	---	---	6.0 × 10 ⁻⁶	4.8 × 10 ⁻¹⁶	---	1.0 × 10 ⁻¹	2.5 × 10 ⁻⁸	1.5 × 10 ⁻⁶	---
IN	IN-W177.156	802.9	1.2 × 10 ⁻²	---	---	---	2.7 × 10 ⁻⁸	5.6 × 10 ³	1.8 × 10 ⁰	1.1 × 10 ⁻²	4.0 × 10 ⁻¹	6.4 × 10 ⁻⁶	---	---	1.7 × 10 ⁻¹⁶	1.3 × 10 ⁻⁵	1.4 × 10 ⁻¹⁸	5.3 × 10 ⁻¹³	2.2 × 10 ⁻¹	2.3 × 10 ⁻⁸	4.3 × 10 ⁻⁹	1.3 × 10 ⁻¹⁴
IN	IN-W179.158	1995.8	7.7 × 10 ⁻²	---	---	---	1.8 × 10 ⁻⁷	5.5 × 10 ³	1.1 × 10 ⁻¹	5.5 × 10 ⁻²	2.7 × 10 ⁰	4.8 × 10 ⁻⁵	---	---	1.1 × 10 ⁻¹⁵	1.3 × 10 ⁻⁵	6.8 × 10 ⁻¹⁸	3.6 × 10 ⁻¹²	2.2 × 10 ⁻¹	1.4 × 10 ⁻⁹	2.1 × 10 ⁻⁸	9.5 × 10 ⁻¹⁴
IN	IN-W181.162	80.3	1.1 × 10 ⁰	---	---	---	2.6 × 10 ⁻⁶	3.8 × 10 ¹	1.2 × 10 ¹	2.7 × 10 ⁰	3.8 × 10 ¹	1.9 × 10 ⁻⁴	---	---	1.6 × 10 ⁻¹⁴	8.7 × 10 ⁻¹⁰	3.3 × 10 ⁻¹⁶	5.1 × 10 ⁻¹¹	1.5 × 10 ⁻⁵	1.5 × 10 ⁻⁷	1.0 × 10 ⁻⁶	3.8 × 10 ⁻¹³
IN	IN-W188.160	149.1	7.4 × 10 ⁰	---	---	---	1.7 × 10 ⁻⁵	2.5 × 10 ⁰	8.0 × 10 ¹	1.8 × 10 ¹	2.6 × 10 ²	1.3 × 10 ⁻³	---	---	1.1 × 10 ⁻¹³	5.9 × 10 ⁻⁹	2.2 × 10 ⁻¹⁵	3.4 × 10 ⁻¹⁰	9.9 × 10 ⁻⁵	1.0 × 10 ⁻⁶	6.9 × 10 ⁻⁶	2.6 × 10 ⁻¹²
IN	IN-W216.98	12743.2	1.4 × 10 ⁵	---	---	---	6.1 × 10 ⁻¹	2.1 × 10 ²	6.5 × 10 ³	1.5 × 10 ³	2.1 × 10 ⁴	1.1 × 10 ⁻¹	---	---	7.0 × 10 ⁻⁹	4.8 × 10 ⁻⁷	1.8 × 10 ⁻¹³	1.7 × 10 ⁻⁵	8.0 × 10 ⁻³	8.3 × 10 ⁻⁵	5.7 × 10 ⁻⁴	2.1 × 10 ⁻¹⁰
IN	IN-W218.909	2082.8	7.2 × 10 ²	---	---	---	3.0 × 10 ⁻³	4.6 × 10 ⁰	1.4 × 10 ²	3.3 × 10 ¹	4.7 × 10 ²	2.4 × 10 ⁻³	---	---	3.4 × 10 ⁻¹¹	1.1 × 10 ⁻⁸	4.0 × 10 ⁻¹⁵	8.5 × 10 ⁻⁸	1.8 × 10 ⁻⁴	1.8 × 10 ⁻⁶	1.3 × 10 ⁻⁵	4.6 × 10 ⁻¹²
IN	IN-W219.110	4.0	4.5 × 10 ⁻¹	---	---	---	1.1 × 10 ⁻⁶	1.5 × 10 ⁻¹	4.9 × 10 ⁰	1.1 × 10 ⁰	1.6 × 10 ¹	7.9 × 10 ⁻⁵	---	---	6.5 × 10 ⁻¹⁵	3.6 × 10 ⁻¹⁰	1.4 × 10 ⁻¹⁶	2.1 × 10 ⁻¹¹	6.0 × 10 ⁻⁶	6.2 × 10 ⁻⁸	4.2 × 10 ⁻⁷	1.6 × 10 ⁻¹³
IN	IN-W219.914	1.9	7.1 × 10 ⁻²	---	---	---	1.7 × 10 ⁻⁷	2.4 × 10 ⁻²	7.7 × 10 ⁻¹	1.7 × 10 ⁻¹	2.5 × 10 ⁰	1.3 × 10 ⁻⁵	---	---	1.0 × 10 ⁻¹⁵	5.6 × 10 ⁻¹¹	2.2 × 10 ⁻¹⁷	3.3 × 10 ⁻¹²	9.5 × 10 ⁻⁷	9.8 × 10 ⁻⁹	6.7 × 10 ⁻⁸	2.5 × 10 ⁻¹⁴
IN	IN-W220.114	1892.5	5.1 × 10 ³	---	---	---	2.2 × 10 ⁻²	1.6 × 10 ¹	5.5 × 10 ²	1.2 × 10 ²	1.6 × 10 ³	8.3 × 10 ⁻³	---	---	4.3 × 10 ⁻⁴	3.8 × 10 ⁻⁸	1.5 × 10 ⁻¹⁴	3.6 × 10 ⁻¹	6.3 × 10 ⁻⁴	4.0 × 10 ⁻⁵	4.6 × 10 ⁻⁵	1.6 × 10 ⁻¹¹
IN	IN-W221.927	39.2	2.8 × 10 ⁰	---	---	---	6.4 × 10 ⁻⁶	9.4 × 10 ⁻¹	3.0 × 10 ¹	6.7 × 10 ⁰	9.6 × 10 ¹	4.8 × 10 ⁻⁴	---	---	4.0 × 10 ⁻¹⁴	2.2 × 10 ⁻⁹	8.3 × 10 ⁻¹⁶	1.3 × 10 ⁻¹⁰	3.7 × 10 ⁻⁵	1.9 × 10 ⁻⁴	2.6 × 10 ⁻⁶	9.5 × 10 ⁻¹³
IN	IN-W222.116	259.0	9.5 × 10 ¹	---	---	---	2.2 × 10 ⁻⁴	3.2 × 10 ¹	1.0 × 10 ³	2.3 × 10 ²	3.2 × 10 ³	1.6 × 10 ⁻²	---	---	1.4 × 10 ⁻¹²	7.4 × 10 ⁻⁸	2.8 × 10 ⁻¹⁴	4.5 × 10 ⁻⁹	1.2 × 10 ⁻³	1.3 × 10 ⁻⁵	8.8 × 10 ⁻⁵	3.2 × 10 ⁻¹¹
IN	IN-W228.101	8063.4	1.3 × 10 ³	---	---	---	5.6 × 10 ⁻³	1.0 × 10 ¹	3.3 × 10 ²	7.4 × 10 ¹	1.1 × 10 ³	5.3 × 10 ⁻³	---	---	6.4 × 10 ⁻¹¹	2.4 × 10 ⁻⁸	9.2 × 10 ⁻¹⁵	1.6 × 10 ⁻⁷	4.0 × 10 ⁻⁴	4.2 × 10 ⁻⁶	2.9 × 10 ⁻⁵	1.0 × 10 ⁻¹¹
IN	IN-W240.931	396.7	9.8 × 10 ¹	---	---	---	3.5 × 10 ⁻⁴	1.3 × 10 ¹	4.2 × 10 ²	9.5 × 10 ¹	1.3 × 10 ³	6.8 × 10 ⁻³	---	---	3.5 × 10 ⁻¹²	3.1 × 10 ⁻⁸	1.2 × 10 ⁻¹⁴	9.0 × 10 ⁻⁹	5.2 × 10 ⁻⁴	7.1 × 10 ⁻⁵	3.7 × 10 ⁻⁵	1.3 × 10 ⁻¹¹
IN	IN-W243.808	773.3	1.2 × 10 ²	---	---	---	3.8 × 10 ⁻⁴	2.3 × 10 ¹	7.3 × 10 ²	1.7 × 10 ²	2.4 × 10 ³	1.2 × 10 ⁻²	---	---	2.6 × 10 ⁻⁷	5.4 × 10 ⁻⁸	2.1 × 10 ⁻¹⁴	2.1 × 10 ⁻⁴	9.1 × 10 ⁻⁴	2.4 × 10 ⁻⁵	6.4 × 10 ⁻⁵	2.4 × 10 ⁻¹¹
IN	IN-W245.301	752.2	1.4 × 10 ²	---	---	---	3.3 × 10 ⁻⁴	4.6 × 10 ¹	1.4 × 10 ³	3.2 × 10 ²	4.6 × 10 ³	2.3 × 10 ⁻²	---	---	2.1 × 10 ⁻¹²	1.1 × 10 ⁻⁷	4.0 × 10 ⁻¹⁴	6.6 × 10 ⁻⁹	1.8 × 10 ⁻³	1.8 × 10 ⁻⁵	1.3 × 10 ⁻⁴	4.6 × 10 ⁻¹¹
IN	IN-W247.810	761.8	6.7 × 10 ¹	---	---	---	1.6 × 10 ⁻⁴	2.2 × 10 ¹	7.0 × 10 ²	1.6 × 10 ²	2.3 × 10 ³	1.1 × 10 ⁻²	---	---	1.0 × 10 ⁻¹²	5.1 × 10 ⁻⁸	2.0 × 10 ⁻¹⁴	3.2 × 10 ⁻⁹	8.7 × 10 ⁻⁴	1.5 × 10 ⁻⁴	6.1 × 10 ⁻⁵	2.2 × 10 ⁻¹¹
IN	IN-W249.527	6.7	---	---	---	---	---	1.6 × 10 ³	1.2 × 10 ¹	---	---	---	---	---	---	3.6 × 10 ⁻⁶	---	---	6.1 × 10 ⁻²	1.6 × 10 ⁻⁷	---	---
IN	IN-W263.520	280.1	1.9 × 10 ⁻²	---	---	---	4.4 × 10 ⁻⁸	1.6 × 10 ²	8.4 × 10 ⁰	1.3 × 10 ⁻²	6.5 × 10 ⁻¹	1.2 × 10 ⁻⁵	---	---	2.7 × 10 ⁻¹⁶	3.8 × 10 ⁻⁷	1.7 × 10 ⁻¹⁸	8.7 × 10 ⁻¹³	6.3 × 10 ⁻³	1.1 × 10 ⁻⁷	5.2 × 10 ⁻⁹	2.3 × 10 ⁻¹⁴
IN	IN-W267.1005	11.5	1.6 × 10 ¹	---	---	---	3.7 × 10 ⁻⁵	5.4 × 10 ⁰	1.7 × 10 ²	3.8 × 10 ¹	5.5 × 10 ³	2.8 × 10 ⁻³	---	---	2.3 × 10 ⁻¹³	1.3 × 10 ⁻⁸	4.8 × 10 ⁻¹⁵	7.3 × 10 ⁻¹⁰	2.1 × 10 ⁻⁴	2.2 × 10 ⁻⁶	1.5 × 10 ⁻⁵	5.4 × 10 ⁻¹²

Table DATA-F-E-1. Scaled Volume and Activities of Selected Radionuclides for CH-TRU Waste Streams¹ — Continued

Site	Waste Stream ID#	Scaled Volume (m ³)	Scaled Total Curies of Each Radionuclide For Each Waste Stream																			
			²⁴¹ Am	²⁴³ Am	²⁴⁴ Cm	¹³⁷ Cs	²³⁷ Np	²³⁸ Pu	²³⁹ Pu	²⁴⁰ Pu	²⁴¹ Pu	²⁴² Pu	²⁴⁴ Pu	⁹⁰ Sr	²²⁹ Th	²³⁰ Th	²³² Th	²³³ U	²³⁴ U	²³⁵ U	²³⁶ U	²³⁸ U
IN	IN-W323.562	1.9	4.5 × 10 ⁻²	---	---	---	1.0 × 10 ⁻⁷	1.2 × 10 ⁰	2.5 × 10 ⁻¹	---	1.6 × 10 ⁰	---	---	---	6.5 × 10 ⁻¹⁶	2.8 × 10 ⁻⁹	---	2.1 × 10 ⁻¹²	4.8 × 10 ⁻⁵	9.6 × 10 ⁻⁵	---	---
IN	IN-W323.951	0.2	5.3 × 10 ⁻²	---	---	---	1.2 × 10 ⁻⁷	1.5 × 10 ⁻²	3.0 × 10 ⁻¹	---	1.8 × 10 ⁰	---	---	---	7.7 × 10 ⁻¹⁶	3.4 × 10 ⁻¹¹	---	2.4 × 10 ⁻¹²	5.6 × 10 ⁻⁷	1.1 × 10 ⁻⁴	---	---
IN	IN-W332.661	4.8	---	---	---	---	---	1.6 × 10 ¹	1.3 × 10 ⁻¹	---	---	---	---	---	---	3.7 × 10 ⁻⁸	---	---	6.2 × 10 ⁻⁴	1.7 × 10 ⁻⁹	---	---
IN	IN-W337.673	0.2	---	---	---	---	---	---	3.0 × 10 ⁰	6.3 × 10 ⁻¹	---	---	---	---	---	---	7.8 × 10 ⁻¹⁷	---	---	8.2 × 10 ⁻⁵	2.4 × 10 ⁻⁷	---
IN	IN-W337.957	1.9	---	---	---	---	---	---	9.1 × 10 ⁰	1.9 × 10 ⁰	---	---	---	---	---	---	---	---	2.5 × 10 ⁻⁴	7.3 × 10 ⁻⁷	---	---
IN	IN-W341.671	0.2	---	---	---	---	---	---	2.0 × 10 ⁰	---	---	---	---	---	---	---	---	---	---	2.8 × 10 ⁻⁴	---	---
IN	IN-W341.954	1.9	---	---	---	---	---	---	5.9 × 10 ⁰	---	---	---	---	---	---	---	---	---	---	8.3 × 10 ⁻⁴	---	---
IN	IN-W342.652	1.9	4.6 × 10 ⁰	---	---	---	1.9 × 10 ⁻⁵	---	4.0 × 10 ⁻²	1.0 × 10 ⁻¹⁷	---	---	1.9 × 10 ⁻¹⁴	---	2.2 × 10 ⁻¹³	---	---	5.5 × 10 ⁻¹⁰	---	5.2 × 10 ⁻¹⁰	1.1 × 10 ⁻²⁴	---
IN	IN-W342.953	0.4	3.0 × 10 ⁰	---	---	---	1.3 × 10 ⁻⁵	---	2.7 × 10 ⁻²	7.0 × 10 ⁰	---	---	1.3 × 10 ⁻¹⁴	---	1.5 × 10 ⁻¹³	---	---	3.7 × 10 ⁻¹⁰	---	3.4 × 10 ⁻¹⁰	7.6 × 10 ⁻²⁵	---
IN	IN-W347.818	153.9	2.4 × 10 ⁰	---	---	---	1.0 × 10 ⁻⁵	---	8.3 × 10 ¹	1.5 × 10 ²	---	---	---	---	1.2 × 10 ⁻¹³	9.2 × 10 ⁻¹³	1.3 × 10 ⁻⁵	2.9 × 10 ⁻¹⁰	1.6 × 10 ⁻⁵	4.2 × 10 ⁻⁵	5.9 × 10 ⁻⁵	4.3 × 10 ⁻⁴
IN	IN-W348.1012	22.9	1.3 × 10 ⁻¹	---	---	---	5.4 × 10 ⁻⁷	1.3 × 10 ¹	4.2 × 10 ²	9.5 × 10 ¹	---	6.8 × 10 ⁻³	---	---	6.1 × 10 ⁻¹⁵	3.1 × 10 ⁻⁸	1.2 × 10 ⁻¹⁴	1.5 × 10 ⁻¹¹	5.1 × 10 ⁻⁴	5.3 × 10 ⁻⁶	3.6 × 10 ⁻⁵	1.3 × 10 ⁻¹¹
IN	IN-W353.859	0.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
IN	IN-W353.917	0.2	---	---	---	---	6.9 × 10 ⁻⁵	---	2.5 × 10 ⁻²	---	---	---	---	---	2.4 × 10 ⁻¹²	---	---	3.9 × 10 ⁻⁹	---	3.2 × 10 ⁻¹⁰	---	---
IN	IN-W357.1022	4.8	---	---	---	---	---	2.6 × 10 ⁻²	8.2 × 10 ⁻¹	1.9 × 10 ⁻¹	---	1.3 × 10 ⁻⁵	---	---	---	6.0 × 10 ⁻¹¹	2.3 × 10 ⁻¹⁷	---	1.0 × 10 ⁻⁶	1.0 × 10 ⁻⁸	7.1 × 10 ⁻⁸	2.6 × 10 ⁻¹⁴
IN	IN-W358.854	1.9	---	---	---	---	---	3.9 × 10 ⁻²	1.9 × 10 ⁰	3.6 × 10 ⁰	---	---	---	---	---	2.5 × 10 ⁻⁷	1.3 × 10 ⁻¹⁶	---	8.0 × 10 ⁻³	1.3 × 10 ⁻⁸	7.5 × 10 ⁻⁷	---
IN	IN-W358.855	3.3	---	---	---	---	---	2.1 × 10 ³	1.0 × 10 ¹	1.9 × 10 ¹	---	---	---	---	---	1.4 × 10 ⁻⁶	6.9 × 10 ⁻¹⁶	---	4.3 × 10 ⁻²	6.9 × 10 ⁻⁸	4.0 × 10 ⁻⁶	---
IN	IN-W358.948	0.2	---	---	---	---	---	4.4 × 10 ²	2.1 × 10 ⁰	4.0 × 10 ⁰	---	---	---	---	---	2.8 × 10 ⁻⁷	1.4 × 10 ⁻¹⁶	---	8.9 × 10 ⁻³	1.4 × 10 ⁻⁸	8.3 × 10 ⁻⁷	---
IN	IN-W361.1021	11.5	3.3 × 10 ⁻²	---	---	---	1.4 × 10 ⁻⁷	2.5 × 10 ⁰	7.9 × 10 ¹	1.8 × 10 ¹	---	1.3 × 10 ⁻³	---	---	1.6 × 10 ⁻¹⁵	5.8 × 10 ⁻⁹	2.2 × 10 ⁻¹⁵	4.0 × 10 ⁻¹²	9.8 × 10 ⁻⁵	1.0 × 10 ⁻⁶	6.9 × 10 ⁻⁶	2.5 × 10 ⁻¹²
IN	IN-W362.1020	45.9	---	---	---	---	---	3.3 × 10 ¹	1.0 × 10 ³	2.3 × 10 ²	---	1.7 × 10 ⁻²	---	---	---	7.6 × 10 ⁻⁸	2.9 × 10 ⁻¹⁴	---	1.3 × 10 ⁻³	1.3 × 10 ⁻⁵	9.1 × 10 ⁻⁵	3.3 × 10 ⁻¹¹
IN	IN-W363.1019	4.8	---	---	---	---	---	1.6 × 10 ⁰	4.9 × 10 ¹	1.1 × 10 ¹	---	8.0 × 10 ⁻⁴	---	---	---	3.6 × 10 ⁻⁹	1.4 × 10 ⁻¹⁵	---	6.0 × 10 ⁻⁵	6.3 × 10 ⁻⁷	4.3 × 10 ⁻⁶	1.6 × 10 ⁻¹²
IN	IN-W364.1011	4.8	---	---	---	---	---	2.6 × 10 ⁰	8.0 × 10 ¹	1.8 × 10 ¹	---	1.3 × 10 ⁻³	---	---	---	5.9 × 10 ⁻⁹	2.3 × 10 ⁻¹⁵	---	1.0 × 10 ⁻⁴	1.0 × 10 ⁻⁶	7.0 × 10 ⁻⁶	2.6 × 10 ⁻¹²
IN	IN-W365.1010	11.5	3.1 × 10 ²	---	---	---	1.3 × 10 ⁻³	2.0 × 10 ⁰	6.4 × 10 ¹	1.4 × 10 ¹	---	1.0 × 10 ⁻³	---	---	1.5 × 10 ⁻¹¹	4.7 × 10 ⁻⁹	1.8 × 10 ⁻¹⁵	3.7 × 10 ⁻⁸	7.9 × 10 ⁻⁵	8.1 × 10 ⁻⁷	5.6 × 10 ⁻⁶	2.0 × 10 ⁻¹²
IN	IN-W366.841	16.3	1.1 × 10 ⁰	---	---	---	4.7 × 10 ⁻⁶	1.7 × 10 ⁰	5.4 × 10 ¹	1.2 × 10 ¹	---	8.8 × 10 ⁻⁴	---	---	5.4 × 10 ⁻¹⁴	4.0 × 10 ⁻⁹	1.5 × 10 ⁻¹⁵	1.3 × 10 ⁻¹⁰	6.7 × 10 ⁻⁵	6.9 × 10 ⁻⁷	4.7 × 10 ⁻⁶	1.7 × 10 ⁻¹²
IN	IN-W372.832	1.9	4.6 × 10 ⁰	---	---	---	1.9 × 10 ⁻⁵	---	4.0 × 10 ⁻²	1.0 × 10 ⁻¹⁷	---	---	1.9 × 10 ⁻¹⁴	---	2.2 × 10 ⁻¹³	---	---	5.5 × 10 ⁻¹⁰	---	5.2 × 10 ⁻¹⁰	1.1 × 10 ⁻²⁴	---
IN	IN-W375.1096	199.8	---	---	---	---	---	6.4 × 10 ⁻¹	2.0 × 10 ¹	4.5 × 10 ⁰	---	3.3 × 10 ⁻⁴	---	---	---	1.5 × 10 ⁻⁹	5.6 × 10 ⁻¹⁶	---	2.5 × 10 ⁻⁵	2.6 × 10 ⁻⁷	1.7 × 10 ⁻⁶	6.4 × 10 ⁻¹³
KN	KN-B234TRU	413.6	1.4 × 10 ²	---	---	---	---	2.4 × 10 ¹	2.9 × 10 ²	9.8 × 10 ¹	5.1 × 10 ²	7.6 × 10 ⁻⁴	---	---	---	---	5.4 × 10 ⁻⁵	2.8 × 10 ⁻²	2.0 × 10 ⁻³	9.3 × 10 ⁻⁵	---	7.4 × 10 ⁻³
LA	LA-IT-00-01	9.8	2.3 × 10 ⁰	---	1.6 × 10 ⁰	---	2.1 × 10 ⁻⁵	4.2 × 10 ⁰	5.9 × 10 ⁻¹	8.2 × 10 ⁻³	9.9 × 10 ⁻⁸	---	---	---	2.5 × 10 ⁻⁸	4.5 × 10 ⁻⁸	1.8 × 10 ⁻¹⁸	1.0 × 10 ⁻⁵	3.5 × 10 ⁻⁴	1.6 × 10 ⁻⁸	3.8 × 10 ⁻⁹	8.3 × 10 ⁻⁷
LA	LA-OS-00-01	69.6	5.2 × 10 ³	---	---	---	1.7 × 10 ⁻³	1.9 × 10 ⁵	1.2 × 10 ³	---	---	---	---	---	1.2 × 10 ⁻¹³	2.4 × 10 ⁻⁶	---	3.7 × 10 ⁻⁹	5.4 × 10 ⁻¹	1.2 × 10 ⁻⁶	---	---
LA	LA-PX-00-01	0.6	1.6 × 10 ⁻²	---	---	---	3.0 × 10 ⁻⁸	8.0 × 10 ⁻³	9.0 × 10 ⁻²	2.1 × 10 ⁻²	1.6 × 10 ⁻¹	---	---	---	7.0 × 10 ⁻¹⁷	3.8 × 10 ⁻¹²	5.6 × 10 ⁻¹⁹	3.8 × 10 ⁻¹³	1.4 × 10 ⁻⁷	5.4 × 10 ⁻¹⁰	3.8 × 10 ⁻⁹	---
LA	LA-SL-00-01	0.4	---	---	---	---	5.1 × 10 ⁻³	1.7 × 10 ¹	1.5 × 10 ⁻¹	---	---	---	---	---	7.1 × 10 ⁻¹⁰	1.7 × 10 ⁻⁹	---	5.8 × 10 ⁻⁷	1.4 × 10 ⁻⁵	3.9 × 10 ⁻⁹	---	---
LA	LA-TA-03-12	221.3	1.9 × 10 ¹	8.4 × 10 ⁻⁶	---	8.3 × 10 ⁻⁹	1.1 × 10 ⁻⁵	3.9 × 10 ⁰	4.4 × 10 ⁻¹	1.5 × 10 ⁻¹	9.7 × 10 ⁻¹	3.8 × 10 ⁻⁵	2.1 × 10 ⁻¹²	---	1.8 × 10 ⁻¹²	5.4 × 10 ⁻⁸	1.4 × 10 ⁻¹⁶	1.3 × 10 ⁻⁹	3.8 × 10 ⁻⁴	3.2 × 10 ⁻⁷	1.6 × 10 ⁻⁷	6.2 × 10 ⁻⁹
LA	LA-TA-03-13	46.4	2.5 × 10 ¹	1.1 × 10 ⁻⁴	---	---	1.1 × 10 ⁻⁵	1.2 × 10 ¹	6.8 × 10 ⁻¹	1.6 × 10 ⁻¹	1.3 × 10 ⁰	2.6 × 10 ⁻⁴	2.4 × 10 ⁻¹⁰	---	4.1 × 10 ⁻¹³	3.5 × 10 ⁻⁸	6.3 × 10 ⁻¹⁷	6.4 × 10 ⁻¹⁰	5.3 × 10 ⁻⁴	5.0 × 10 ⁻⁷	1.2 × 10 ⁻⁷	7.8 × 10 ⁻⁸
LA	LA-TA-03-19	179.9	5.2 × 10 ¹	4.1 × 10 ⁻⁴	---	---	3.7 × 10 ⁻⁵	1.8 × 10 ¹	1.3 × 10 ⁰	3.9 × 10 ⁻¹	2.0 × 10 ⁰	2.3 × 10 ⁻⁴	1.3 × 10 ⁻¹⁰	---	6.3 × 10 ⁻¹²	2.5 × 10 ⁻⁷	3.6 × 10 ⁻¹⁶	4.6 × 10 ⁻⁹	1.8 × 10 ⁻³	1.9 × 10 ⁻⁶	4.1 × 10 ⁻⁷	2.8 × 10 ⁻⁶
LA	LA-TA-03-20	30.1	2.6 × 10 ⁻¹	---	---	---	8.8 × 10 ⁻⁵	8.8 × 10 ⁰	5.9 × 10 ⁻¹	2.1 × 10 ⁻¹	1.6 × 10 ⁰	4.6 × 10 ⁻⁵	---	---	1.1 × 10 ⁻¹¹	8.0 × 10 ⁻⁸	9.5 × 10 ⁻¹⁷	9.5 × 10 ⁻⁹	6.9 × 10 ⁻⁴	1.4 × 10 ⁻⁸	1.5 × 10 ⁻⁷	1.7 × 10 ⁻¹³
LA	LA-TA-03-24	29.9	3.7 × 10 ⁻¹	5.2 × 10 ⁻⁷	---	---	5.5 × 10 ⁻⁵	3.4 × 10 ¹	1.1 × 10 ⁰	3.3 × 10 ⁻¹	1.7 × 10 ⁰	5.7 × 10 ⁻⁵	---	---	1.0 × 10 ⁻¹¹	4.9 × 10 ⁻⁷	2.3 × 10 ⁻¹⁶	7.2 × 10 ⁻⁹	3.4 × 10 ⁻³	2.9 × 10 ⁻⁶	3.0 × 10 ⁻⁷	2.5 × 10 ⁻⁶
LA	LA-TA-03-26	24.3	1.7 × 10 ⁻²	---	---	---	1.1 × 10 ⁻⁷	1.4 × 10 ⁰	2.6 × 10 ⁰	4.3 × 10 ⁻²	1.5 × 10 ⁻¹	2.5 × 10 ⁻⁶	---	---	4.3 × 10 ⁻¹⁵	2.6 × 10 ⁻⁷	5.6 × 10 ⁻¹⁵	5.5 × 10 ⁻¹²	1.0 × 10 ⁻³	2.3 × 10 ⁻⁴	3.7 × 10 ⁻⁶	2.5 × 10 ⁻⁷
LA	LA-TA-03-28	5.8	---	---	---	---	---	4.9 × 10 ⁻¹	2.5 × 10 ⁻¹	---	---	---	---	---	---	6.1 × 10 ⁻⁹	---	---	4.5 × 10 ⁻⁵	7.1 × 10 ⁻⁹	---	---
LA	LA-TA-03-30	0.8	7.1 × 10 ⁻¹	---	---	---	4.0 × 10 ⁻⁶	3.5 × 10 ⁻¹	5.0 × 10 ⁰	1.5 × 10 ⁰	7.7 × 10 ⁰	2.2 × 10 ⁻⁴	---	---	1.2 × 10 ⁻¹³	4.0 × 10 ⁻⁹	8.4 × 10 ⁻¹⁶	1.8 × 10 ⁻¹⁰	3.1 × 10 ⁻⁵	1.4 × 10 ⁻⁷	1.2 × 10 ⁻⁶	9.3 × 10 ⁻¹³
LA	LA-TA-03-31	0.2	---	---	---	---	---	1.7 × 10 ⁻²	8.8 × 10 ⁻³	---	---	---	---	---	---	2.2 × 10 ⁻¹⁰	---	---	1.6 × 10 ⁻⁶	2.5 × 10 ⁻¹⁰	---	---
LA	LA-TA-03-40	266.0	---	---	---	---	---	2.8 × 10 ⁻²	5.5 × 10 ⁻²	---	---	---	---	---	---	---	---	---	2.6 × 10 ⁻⁶	8.9 × 10 ⁻⁷	---	---
LA	LA-TA-03-42	300.0	1.7 × 10 ⁻⁵	---	---	---	1.0 × 10 ⁻¹⁰	6.9 × 10 ⁻⁴	3.4 × 10 ⁻³	4.5 × 10 ⁻⁵	1.6 × 10 ⁻⁴	2.6 × 10 ⁻⁹	---	---	3.7 × 10 ⁻¹⁸	9.3 × 10 ⁻¹²	3.0 × 10 ⁻²⁰	5.0 × 10 ⁻¹⁵	6.6 × 10 ⁻⁸	1.0 × 10 ⁻¹⁰	4.0 × 10 ⁻¹¹	1.2 × 10 ⁻¹⁷
LA	LA-TA-21-06	226.4	1.6 × 10 ⁻¹	---	---	---	9.5 × 10 ⁻⁷	7.6 × 10 ¹	9.6 × 10 ⁻¹	2.9 × 10 ⁻¹	1.7 × 10 ⁰	5.5 × 10 ⁻⁵	---	---	3.2 × 10 ⁻¹⁴	9.5 × 10 ⁻⁷	1.8 × 10 ⁻¹⁶	4.5 × 10 ⁻¹¹	7.0 × 10 ⁻³	4.5 × 10 ⁻⁶	2.5 × 10 ⁻⁷	2.4 × 10 ⁻¹³
LA	LA-TA-21-12	263.9	6.1 × 10 ⁻¹	---	---	---	3.7 × 10 ⁻⁶	4.6 × 10 ²	3.3 × 10 ⁰	9.9 × 10 ⁻¹	5.7 × 10 ⁰	2.0 × 10 ⁻⁴	---	---	8.2 × 10 ⁻⁴	5.7 × 10 ⁻⁶	6.1 × 10 ⁻¹⁶	3.0 × 10 ⁻¹	4.2 × 10 ⁻²	1.5 × 10 ⁻⁵	8.6 × 10 ⁻⁷	2.1 × 10 ⁻⁵
LA	LA-TA-21-13	16.2	1.2 × 10 ⁰	---	---	---	1.3 × 10 ⁻⁵	---	2.9 × 10 ⁻¹	---	---	---	---	---	8.4 × 10 ⁻¹³	---	---	8.7 × 10 ⁻¹⁰	---	9.0 × 10 ⁻⁹	---	---
LA	LA-TA-21-14	7.9	1.2 × 10 ⁻⁴	---	---	---	2.5 × 10 ⁻¹⁰	8.7 × 10 ^{0</}														

Table DATA-F-E-1. Scaled Volume and Activities of Selected Radionuclides for CH-TRU Waste Streams¹ — Continued

Site	Waste Stream ID#	Scaled Volume (m ³)	Scaled Total Curies of Each Radionuclide For Each Waste Stream																			
			²⁴¹ Am	²⁴³ Am	²⁴⁴ Cm	¹³⁷ Cs	²³⁷ Np	²³⁸ Pu	²³⁹ Pu	²⁴⁰ Pu	²⁴¹ Pu	²⁴² Pu	²⁴⁴ Pu	⁹⁰ Sr	²²⁹ Th	²³⁰ Th	²³² Th	²³³ U	²³⁴ U	²³⁵ U	²³⁶ U	²³⁸ U
LA	LA-TA-21-15	3.5	8.8 × 10 ⁻²	---	---	---	4.9 × 10 ⁻⁷	2.4 × 10 ⁻²	1.4 × 10 ⁰	2.4 × 10 ⁻¹	9.4 × 10 ⁻¹	1.4 × 10 ⁻⁵	---	---	1.6 × 10 ⁻¹⁴	2.8 × 10 ⁻¹⁰	1.4 × 10 ⁻¹⁶	2.2 × 10 ⁻¹¹	2.1 × 10 ⁶	3.8 × 10 ⁻⁸	2.0 × 10 ⁻⁷	5.8 × 10 ⁻¹⁴
LA	LA-TA-21-16	71.7	1.0 × 10 ⁰	---	---	---	6.4 × 10 ⁻⁶	3.7 × 10 ⁻¹	1.1 × 10 ¹	2.5 × 10 ⁰	9.9 × 10 ⁰	2.2 × 10 ⁻⁴	---	---	2.3 × 10 ⁻¹³	5.0 × 10 ⁻⁹	1.7 × 10 ⁻¹⁵	3.1 × 10 ⁻¹⁰	3.6 × 10 ⁻⁵	6.3 × 10 ⁻⁵	2.3 × 10 ⁻⁶	9.8 × 10 ⁻¹³
LA	LA-TA-21-40	1022.5	1.2 × 10 ⁻⁴	---	---	---	5.4 × 10 ⁻¹⁰	1.7 × 10 ⁰	3.3 × 10 ⁻¹	3.7 × 10 ⁻⁴	1.8 × 10 ⁻³	2.1 × 10 ⁻⁸	---	---	1.1 × 10 ⁻¹⁷	1.3 × 10 ⁻⁸	1.4 × 10 ⁻¹⁹	2.0 × 10 ⁻¹⁴	1.2 × 10 ⁻⁴	7.6 × 10 ⁻⁹	2.5 × 10 ⁻¹⁰	7.4 × 10 ⁻¹⁷
LA	LA-TA-21-41	41.5	---	---	---	---	---	---	7.1 × 10 ⁻¹	---	---	---	---	---	---	---	---	---	---	1.6 × 10 ⁻⁸	---	---
LA	LA-TA-21-42	690.7	1.7 × 10 ⁻²	---	---	---	3.7 × 10 ⁻⁷	5.4 × 10 ⁻¹	1.6 × 10 ⁻¹	1.1 × 10 ⁻²	6.0 × 10 ⁻²	6.5 × 10 ⁻⁷	---	---	5.2 × 10 ⁻¹⁴	7.7 × 10 ⁻⁹	7.9 × 10 ⁻¹⁸	3.9 × 10 ⁻¹¹	5.3 × 10 ⁻⁵	7.5 × 10 ⁻⁸	1.0 × 10 ⁻⁸	3.0 × 10 ⁻¹⁵
LA	LA-TA-21-43	2533.7	5.1 × 10 ⁻¹	---	---	---	3.1 × 10 ⁻⁴	1.8 × 10 ⁻¹	5.1 × 10 ⁻²	1.2 × 10 ⁻²	4.8 × 10 ⁻²	1.0 × 10 ⁻²	---	---	1.1 × 10 ⁻¹¹	2.4 × 10 ⁻⁷	8.1 × 10 ⁻¹⁴	1.5 × 10 ⁻⁸	1.7 × 10 ⁻³	3.0 × 10 ⁻³	1.1 × 10 ⁻⁴	4.7 × 10 ⁻¹¹
LA	LA-TA-21-44	137.7	8.9 × 10 ⁻²	---	---	---	1.1 × 10 ⁻⁷	3.7 × 10 ⁰	1.2 × 10 ⁻²	3.1 × 10 ⁻¹	6.7 × 10 ⁰	---	---	---	1.9 × 10 ⁻¹⁶	2.4 × 10 ⁻⁹	1.1 × 10 ⁻¹⁷	1.1 × 10 ⁻¹²	7.6 × 10 ⁻⁵	8.0 × 10 ⁻⁷	6.4 × 10 ⁻⁸	---
LA	LA-TA-48-01	0.6	8.5 × 10 ⁻²	---	2.6 × 10 ⁻¹	---	1.6 × 10 ⁻⁵	1.4 × 10 ⁻²	1.2 × 10 ⁻¹	4.2 × 10 ⁻¹	5.6 × 10 ⁻¹	1.7 × 10 ⁻⁵	---	---	4.8 × 10 ⁻⁶	1.2 × 10 ⁻¹⁰	2.9 × 10 ⁻¹⁶	2.1 × 10 ⁻³	1.1 × 10 ⁻⁶	2.8 × 10 ⁻⁹	3.8 × 10 ⁻⁷	1.5 × 10 ⁻⁴
LA	LA-TA-49-01	96.2	1.1 × 10 ⁻¹	---	3.2 × 10 ⁻³	---	2.0 × 10 ⁻³	1.7 × 10 ⁰	1.5 × 10 ⁻¹	5.3 × 10 ⁻¹	6.9 × 10 ⁻¹	2.1 × 10 ⁻³	---	---	5.9 × 10 ⁻⁴	1.5 × 10 ⁻⁸	3.6 × 10 ⁻¹⁴	2.6 × 10 ⁻¹	1.3 × 10 ⁻⁴	3.5 × 10 ⁻⁷	4.8 × 10 ⁻⁵	1.8 × 10 ⁻²
LA	LA-TA-50-10	1.0	3.3 × 10 ⁻²	---	---	---	5.3 × 10 ⁻⁸	1.3 × 10 ⁻²	4.6 × 10 ⁻²	---	---	---	---	---	8.9 × 10 ⁻¹⁷	4.2 × 10 ⁻¹²	---	5.7 × 10 ⁻¹³	1.8 × 10 ⁻⁷	2.3 × 10 ⁻¹⁰	---	---
LA	LA-TA-50-11	8.6	4.7 × 10 ⁻²	---	---	---	2.4 × 10 ⁻⁷	1.7 × 10 ⁻²	4.7 × 10 ⁻¹	1.0 × 10 ⁻¹	5.5 × 10 ⁻¹	6.0 × 10 ⁻⁶	---	---	5.8 × 10 ⁻¹⁵	1.2 × 10 ⁻⁹	3.7 × 10 ⁻¹⁷	9.4 × 10 ⁻¹²	1.2 × 10 ⁻⁵	1.0 × 10 ⁻⁸	6.8 × 10 ⁻⁸	1.8 × 10 ⁻¹
LA	LA-TA-50-15	159.1	1.1 × 10 ⁻¹	---	---	7.5 × 10 ⁻³	6.3 × 10 ⁻⁷	1.9 × 10 ⁰	3.4 × 10 ⁻¹	7.7 × 10 ⁻²	4.7 × 10 ⁻¹	5.6 × 10 ⁻⁶	---	---	1.6 × 10 ⁻¹⁴	1.2 × 10 ⁻⁸	3.8 × 10 ⁻¹⁷	2.7 × 10 ⁻¹¹	1.2 × 10 ⁻⁴	1.2 × 10 ⁻⁵	6.1 × 10 ⁻⁸	1.1 × 10 ⁻⁹
LA	LA-TA-50-17	216.3	1.8 × 10 ⁻¹	8.5 × 10 ⁻¹¹	---	5.7 × 10 ⁻³	1.1 × 10 ⁻⁴	1.6 × 10 ⁰	1.8 × 10 ⁻¹	4.3 × 10 ⁻⁴	4.3 × 10 ⁻²	1.1 × 10 ⁻⁷	---	---	8.8 × 10 ⁻⁷	6.4 × 10 ⁻⁸	1.0 × 10 ⁻¹⁹	5.2 × 10 ⁻⁴	4.4 × 10 ⁻⁴	1.7 × 10 ⁻⁴	2.3 × 10 ⁻¹⁰	2.9 × 10 ⁻¹⁶
LA	LA-TA-50-18	98.4	1.1 × 10 ⁰	---	---	---	1.1 × 10 ⁻⁵	2.1 × 10 ⁻¹	3.0 × 10 ⁰	5.4 × 10 ⁻⁶	1.3 × 10 ⁻³	1.6 × 10 ⁻⁹	---	---	5.8 × 10 ⁻⁷	2.8 × 10 ⁻⁹	3.5 × 10 ⁻²¹	2.1 × 10 ⁻⁴	2.0 × 10 ⁻⁵	8.8 × 10 ⁻⁸	4.8 × 10 ⁻¹²	7.3 × 10 ⁻¹⁸
LA	LA-TA-50-19	1179.8	3.4 × 10 ⁻¹	---	---	3.6 × 10 ⁻¹⁰	3.9 × 10 ⁻⁶	9.2 × 10 ⁻²	4.0 × 10 ⁻¹	4.6 × 10 ⁻³	1.6 × 10 ⁻²	2.6 × 10 ⁻⁷	---	---	3.1 × 10 ⁻¹³	8.7 × 10 ⁻⁹	3.2 × 10 ⁻¹⁸	2.9 × 10 ⁻¹⁰	3.6 × 10 ⁻⁵	3.2 × 10 ⁻⁶	4.2 × 10 ⁻⁹	1.5 × 10 ⁻⁸
LA	LA-TA-50-20	0.6	9.4 × 10 ⁻³	---	---	---	7.4 × 10 ⁻⁸	---	9.7 × 10 ⁻³	---	---	---	---	---	2.9 × 10 ⁻¹⁵	---	---	3.9 × 10 ⁻¹²	---	2.3 × 10 ⁻¹⁰	---	---
LA	LA-TA-50-40	24.5	3.6 × 10 ⁻³	---	---	---	1.7 × 10 ⁻⁸	1.2 × 10 ⁻³	1.1 × 10 ⁻²	5.0 × 10 ⁻³	5.0 × 10 ⁻²	1.6 × 10 ⁻⁶	---	---	3.7 × 10 ⁻¹⁶	1.0 × 10 ⁻¹¹	2.1 × 10 ⁻¹⁸	6.3 × 10 ⁻¹³	9.3 × 10 ⁻⁸	2.5 × 10 ⁻¹⁰	3.5 × 10 ⁻⁹	6.0 × 10 ⁻¹⁵
LA	LA-TA-50-41	35.9	2.6 × 10 ⁻³	---	---	---	6.0 × 10 ⁻⁹	1.2 × 10 ⁻³	4.7 × 10 ⁻²	1.1 × 10 ⁻²	8.9 × 10 ⁻²	6.4 × 10 ⁻⁷	---	---	3.7 × 10 ⁻¹⁷	2.9 × 10 ⁻¹²	1.4 × 10 ⁻¹⁸	1.2 × 10 ⁻¹³	4.8 × 10 ⁻⁸	6.0 × 10 ⁻¹⁰	4.3 × 10 ⁻⁹	1.2 × 10 ⁻¹⁵
LA	LA-TA-55-19	3242.5	7.0 × 10 ⁰	6.1 × 10 ⁻⁹	---	---	5.5 × 10 ⁻⁵	1.7 × 10 ⁰	2.6 × 10 ⁻¹	7.5 × 10 ⁰	5.0 × 10 ⁻¹	2.3 × 10 ⁻²	2.7 × 10 ⁻⁸	---	5.6 × 10 ⁻⁷	3.5 × 10 ⁻⁷	1.1 × 10 ⁻¹⁴	2.5 × 10 ⁻⁴	1.7 × 10 ⁻³	6.4 × 10 ⁻⁵	1.2 × 10 ⁻⁵	2.7 × 10 ⁻⁵
LA	LA-TA-55-20	629.7	9.7 × 10 ⁻¹	---	---	---	1.7 × 10 ⁻²	1.9 × 10 ⁻¹	6.4 × 10 ⁻²	1.5 × 10 ⁻²	1.3 × 10 ⁻³	1.1 × 10 ⁻²	---	---	6.8 × 10 ⁻¹⁰	1.2 × 10 ⁻⁵	3.8 × 10 ⁻¹³	1.0 × 10 ⁻⁶	9.5 × 10 ⁻²	3.6 × 10 ⁻³	5.7 × 10 ⁻⁴	4.1 × 10 ⁻⁴
LA	LA-TA-55-21	99.0	8.9 × 10 ⁻¹	4.7 × 10 ⁻⁵	2.3 × 10 ⁻³	---	3.8 × 10 ⁻⁶	2.2 × 10 ⁻¹	4.5 × 10 ⁰	1.1 × 10 ⁰	1.0 × 10 ⁻¹	2.1 × 10 ⁻³	1.8 × 10 ⁻⁹	---	5.0 × 10 ⁻¹⁴	4.2 × 10 ⁻¹⁰	1.2 × 10 ⁻¹⁶	1.2 × 10 ⁻¹⁰	7.7 × 10 ⁻⁶	5.5 × 10 ⁻⁶	3.9 × 10 ⁻⁷	7.2 × 10 ⁻⁸
LA	LA-TA-55-22	14.2	2.3 × 10 ⁰	---	---	---	2.3 × 10 ⁻⁴	1.2 × 10 ⁰	1.6 × 10 ⁻¹	3.7 × 10 ⁰	3.2 × 10 ⁻¹	2.9 × 10 ⁻⁴	7.7 × 10 ⁻¹¹	---	6.6 × 10 ⁻¹²	2.4 × 10 ⁻⁹	3.9 × 10 ⁻¹⁶	1.2 × 10 ⁻⁸	4.4 × 10 ⁻⁵	1.9 × 10 ⁻⁷	1.3 × 10 ⁻⁶	5.2 × 10 ⁻¹³
LA	LA-TA-55-23	12.5	2.1 × 10 ⁰	---	---	---	6.5 × 10 ⁻⁶	1.0 × 10 ⁰	1.1 × 10 ⁻¹	2.7 × 10 ⁰	3.2 × 10 ⁻¹	1.7 × 10 ⁻²	1.9 × 10 ⁻⁸	---	4.8 × 10 ⁻¹⁴	1.7 × 10 ⁻⁹	2.4 × 10 ⁻¹⁶	1.4 × 10 ⁻¹⁰	3.3 × 10 ⁻⁵	8.9 × 10 ⁻⁵	8.8 × 10 ⁻⁷	9.7 × 10 ⁻⁶
LA	LA-TA-55-24	1.2	7.0 × 10 ⁻¹	---	---	---	1.2 × 10 ⁻⁶	1.6 × 10 ⁻¹	5.7 × 10 ⁰	1.3 × 10 ⁰	1.5 × 10 ⁻¹	7.7 × 10 ⁻⁵	---	---	2.7 × 10 ⁻¹⁵	7.6 × 10 ⁻¹¹	3.5 × 10 ⁻¹⁷	1.5 × 10 ⁻¹¹	2.8 × 10 ⁻⁶	3.4 × 10 ⁻⁸	2.4 × 10 ⁻⁷	7.0 × 10 ⁻¹⁴
LA	LA-TA-55-25	22.6	3.6 × 10 ⁰	---	---	---	6.2 × 10 ⁻⁶	9.3 × 10 ⁻¹	2.8 × 10 ⁻¹	6.7 × 10 ⁰	7.7 × 10 ⁻¹	3.0 × 10 ⁻³	---	---	1.4 × 10 ⁻¹⁴	4.4 × 10 ⁻¹⁰	1.8 × 10 ⁻¹⁶	7.6 × 10 ⁻¹¹	1.6 × 10 ⁻⁵	3.2 × 10 ⁻⁵	1.2 × 10 ⁻⁶	3.2 × 10 ⁻⁷
LA	LA-TA-55-28	3.7	1.3 × 10 ⁰	---	---	---	2.5 × 10 ⁻⁶	5.2 × 10 ⁻¹	8.7 × 10 ⁰	2.1 × 10 ⁰	2.5 × 10 ⁻¹	1.1 × 10 ⁻²	6.9 × 10 ⁻⁹	---	7.6 × 10 ⁻¹⁵	3.4 × 10 ⁻¹⁰	7.4 × 10 ⁻¹⁷	3.6 × 10 ⁻¹¹	1.1 × 10 ⁻⁵	6.2 × 10 ⁻⁶	4.3 × 10 ⁻⁷	9.6 × 10 ⁻⁹
LA	LA-TA-55-30	3312.3	4.1 × 10 ⁻¹	9.2 × 10 ⁻⁴	2.2 × 10 ⁻⁵	---	2.8 × 10 ⁻⁴	6.2 × 10 ⁰	1.4 × 10 ⁻²	3.5 × 10 ⁻¹	1.8 × 10 ⁻²	3.3 × 10 ⁻²	3.9 × 10 ⁻⁸	---	8.5 × 10 ⁻⁷	1.2 × 10 ⁻⁷	1.6 × 10 ⁻¹⁴	3.8 × 10 ⁻⁴	7.7 × 10 ⁻⁴	1.5 × 10 ⁻⁵	2.6 × 10 ⁻⁵	1.2 × 10 ⁻⁴
LA	LA-TA-55-32	4.8	3.0 × 10 ⁰	---	---	---	1.8 × 10 ⁻⁵	3.5 × 10 ⁻¹	1.1 × 10 ⁻¹	3.5 × 10 ⁰	2.3 × 10 ⁻¹	5.2 × 10 ⁻³	6.5 × 10 ⁻⁹	---	5.6 × 10 ⁻¹³	4.8 × 10 ⁻⁷	6.3 × 10 ⁻¹⁵	8.3 × 10 ⁻¹⁰	3.5 × 10 ⁻³	3.6 × 10 ⁻⁵	6.7 × 10 ⁻⁶	3.0 × 10 ⁻⁷
LA	LA-TA-55-33	6.7	4.6 × 10 ⁻¹	---	---	---	2.8 × 10 ⁻⁶	8.9 × 10 ⁻²	1.5 × 10 ⁰	4.8 × 10 ⁻¹	3.2 × 10 ⁰	7.5 × 10 ⁻⁵	---	---	8.8 × 10 ⁻¹⁴	6.8 × 10 ⁻¹⁰	1.9 × 10 ⁻¹⁶	1.3 × 10 ⁻¹⁰	6.4 × 10 ⁻⁶	7.3 × 10 ⁻⁶	3.3 × 10 ⁻⁷	6.1 × 10 ⁻⁷
LA	LA-TA-55-34	268.1	4.5 × 10 ⁻¹	---	---	---	2.4 × 10 ⁻⁴	8.3 × 10 ⁰	2.3 × 10 ⁻²	5.9 × 10 ⁻¹	3.9 × 10 ⁻²	2.3 × 10 ⁻²	2.4 × 10 ⁻⁸	---	3.8 × 10 ⁻⁶	5.6 × 10 ⁻⁷	2.1 × 10 ⁻¹⁴	2.0 × 10 ⁻³	3.4 × 10 ⁻³	1.4 × 10 ⁻⁴	3.9 × 10 ⁻⁵	5.8 × 10 ⁻³
LA	LA-TA-55-38	848.3	1.4 × 10 ⁻²	3.3 × 10 ⁻³	---	---	1.1 × 10 ⁻³	2.7 × 10 ⁰	5.1 × 10 ⁻¹	1.4 × 10 ⁻¹	9.0 × 10 ⁻¹	1.7 × 10 ⁻²	1.8 × 10 ⁻⁸	---	1.0 × 10 ⁻⁶	3.7 × 10 ⁻⁷	1.4 × 10 ⁻⁶	4.8 × 10 ⁻⁴	1.9 × 10 ⁻³	7.7 × 10 ⁻⁵	1.2 × 10 ⁻⁵	2.6 × 10 ⁻³
LA	LA-TA-55-39	2.9	1.0 × 10 ⁻¹	---	---	---	2.8 × 10 ⁻⁵	2.0 × 10 ⁰	7.6 × 10 ⁻¹	1.7 × 10 ⁻¹	1.6 × 10 ⁻²	1.0 × 10 ⁻³	---	---	1.7 × 10 ⁻¹³	2.7 × 10 ⁻⁹	1.3 × 10 ⁻¹⁵	5.6 × 10 ⁻¹⁰	5.9 × 10 ⁻⁵	7.5 × 10 ⁻⁷	5.1 × 10 ⁻⁶	1.5 × 10 ⁻¹²
LA	LA-TA-55-41	43.7	3.6 × 10 ⁻²	---	---	---	1.5 × 10 ⁻³	4.2 × 10 ⁰	9.4 × 10 ⁻¹	2.3 × 10 ⁻¹	2.0 × 10 ⁻²	7.6 × 10 ⁻²	9.7 × 10 ⁻⁸	---	1.7 × 10 ⁻¹¹	9.6 × 10 ⁻⁹	2.8 × 10 ⁻¹⁵	4.3 × 10 ⁻⁸	1.6 × 10 ⁻⁴	1.2 × 10 ⁻⁶	8.8 × 10 ⁻⁶	1.5 × 10 ⁻¹⁰
LA	LA-TA-55-43	64.9	7.8 × 10 ⁻²	---	---	---	1.8 × 10 ⁻⁷	2.7 × 10 ⁻²	1.4 × 10 ⁻¹	5.0 × 10 ⁻²	1.8 × 10 ⁰	3.3 × 10 ⁻⁵	---	---	8.8 × 10 ⁻¹⁶	3.0 × 10 ⁻⁷	3.0 × 10 ⁻¹⁸	3.3 × 10 ⁻¹²	7.2 × 10 ⁻³	1.3 × 10 ⁻⁹	1.3 × 10 ⁻⁸	4.5 × 10 ⁻¹⁴
LA	LA-TA-55-44	230.7	1.0 × 10 ⁰	---	---	---	6.9 × 10 ⁻⁶	6.4 × 10 ⁻²	2.6 × 10 ⁰	7.3 × 10 ⁻¹	5.2 × 10 ⁰	2.3 × 10 ⁻⁴	4.8 × 10 ⁻¹¹	---	2.4 × 10 ⁻¹³	5.4 × 10 ⁻⁶	3.7 × 10 ⁻¹⁶	3.4 × 10 ⁻¹⁰	4.8 × 10 ⁻²	7.4 × 10 ⁻⁷	5.7 × 10 ⁻⁷	1.6 × 10 ⁻⁵
LA	LA-TA-55-48	31.0	7.0 × 10 ⁻³	---	---	---	3.9 × 10 ⁻²	2.5 × 10 ⁻³	1.7 × 10 ⁻⁴	6.3 × 10 ⁻³	5.4 × 10 ⁻⁴	1.2 × 10 ⁰	---	---	1.0 × 10 ⁻⁹	1.6 × 10 ⁻⁵	2.1 × 10 ⁻¹²	1.6 × 10 ⁻⁶	1.6 × 10 ⁻¹	3.		

Table DATA-F-E-1. Scaled Volume and Activities of Selected Radionuclides for CH-TRU Waste Streams¹ — Continued

Site	Waste Stream ID#	Scaled Volume (m ³)	Scaled Total Curies of Each Radionuclide For Each Waste Stream																				
			²⁴¹ Am	²⁴³ Am	²⁴⁴ Cm	¹³⁷ Cs	²³⁷ Np	²³⁸ Pu	²³⁹ Pu	²⁴⁰ Pu	²⁴¹ Pu	²⁴² Pu	²⁴⁴ Pu	⁹⁰ Sr	²²⁹ Th	²³⁰ Th	²³² Th	²³³ U	²³⁴ U	²³⁵ U	²³⁶ U	²³⁸ U	
LL	LL-T002	2080.0	3.7 × 10 ³	---	---	---	---	6.7 × 10 ²	5.2 × 10 ³	2.1 × 10 ³	6.6 × 10 ⁴	---	---	---	---	---	---	---	---	---	---	---	
LL	LL-T003	1062.0	1.4 × 10 ²	---	---	---	---	7.5 × 10 ¹	1.1 × 10 ²	8.5 × 10 ¹	2.6 × 10 ³	---	---	---	---	---	---	---	---	---	---	---	
LL	LL-T004	32.4	9.1 × 10 ¹	---	---	---	---	1.5 × 10 ¹	6.7 × 10 ¹	5.4 × 10 ¹	1.6 × 10 ³	---	---	---	---	---	---	---	---	---	---	---	
LL	LL-T005	1127.3	5.5 × 10 ²	---	4.5 × 10 ³	---	---	1.8 × 10 ²	2.5 × 10 ²	2.0 × 10 ²	6.1 × 10 ³	---	---	---	---	---	---	---	---	---	---	---	
LL	LL-W018	2.1	2.2 × 10 ⁻²	---	---	---	---	---	1.9 × 10 ⁻²	4.3 × 10 ⁻²	1.3 × 10 ⁰	---	---	---	---	---	---	---	---	---	---	---	
LL	LL-W019	18.2	2.3 × 10 ¹	---	---	---	---	---	1.4 × 10 ¹	1.2 × 10 ¹	3.7 × 10 ²	---	---	---	---	---	---	---	---	---	---	---	
LL	LL-W034	21.0	9.4 × 10 ⁰	---	7.6 × 10 ¹	---	---	3.1 × 10 ⁰	4.2 × 10 ⁰	3.4 × 10 ⁰	1.0 × 10 ²	---	---	---	---	---	---	---	---	---	---	---	
MC	MC-W001	2.5	1.6 × 10 ⁻¹	---	---	---	---	4.0 × 10 ⁻⁷	6.1 × 10 ⁻²	---	1.9 × 10 ⁻¹	---	---	---	---	---	6.9 × 10 ⁻¹²	---	4.8 × 10 ⁻¹⁰	---	---	---	
MU	MU-W002	1.5	2.2 × 10 ⁰	---	---	---	---	4.7 × 10 ⁻⁴	5.3 × 10 ⁻²	---	---	---	---	---	---	---	1.5 × 10 ⁻¹²	4.8 × 10 ⁻¹⁷	---	8.0 × 10 ⁻⁹	2.7 × 10 ⁻¹²	2.1 × 10 ⁻¹⁰	2.4 × 10 ⁻⁷
NT	NT-JAS-01	956.3	1.3 × 10 ²	---	---	---	---	6.7 × 10 ¹	9.5 × 10 ¹	7.7 × 10 ¹	2.3 × 10 ³	---	---	---	---	---	---	---	---	---	---	---	
NT	NT-W001	632.2	3.1 × 10 ²	1.3 × 10 ⁰	2.3 × 10 ⁰	2.9 × 10 ⁻²	6.6 × 10 ⁻³	1.3 × 10 ²	2.9 × 10 ³	1.9 × 10 ¹	1.6 × 10 ²	9.0 × 10 ⁻²	1.0 × 10 ⁶	9.6 × 10 ⁻⁵	2.8 × 10 ⁻³	1.2 × 10 ⁻⁶	3.6 × 10 ⁻¹⁵	1.9 × 10 ⁰	1.2 × 10 ⁻²	1.5 × 10 ⁻⁴	9.1 × 10 ⁻⁶	1.6 × 10 ⁻⁴	
NT	NT-W021	5.7	3.2 × 10 ⁰	---	---	---	---	9.4 × 10 ⁻⁶	9.6 × 10 ⁻¹	3.2 × 10 ¹	7.4 × 10 ⁰	8.4 × 10 ¹	6.5 × 10 ⁻⁴	---	---	9.0 × 10 ⁻¹⁴	3.4 × 10 ⁻⁹	1.4 × 10 ⁻¹⁵	2.3 × 10 ⁻¹⁰	4.6 × 10 ⁻⁵	5.1 × 10 ⁻⁷	3.5 × 10 ⁻⁶	1.6 × 10 ⁻¹²
OR	OR-W201	121.0	4.3 × 10 ³	1.7 × 10 ⁻²	1.6 × 10 ²	1.7 × 10 ⁻²	9.5 × 10 ⁻²	2.9 × 10 ²	2.2 × 10 ³	2.1 × 10 ³	8.8 × 10 ⁴	1.8 × 10 ¹	3.8 × 10 ⁻⁹	5.9 × 10 ⁻⁶	8.7 × 10 ⁻²	6.6 × 10 ⁻³	5.7 × 10 ⁻⁵	5.4 × 10 ¹	4.4 × 10 ¹	5.2 × 10 ⁻³	1.1 × 10 ⁻³	4.6 × 10 ⁻²	
OR	OR-W202	586.3	9.5 × 10 ²	2.0 × 10 ¹	3.3 × 10 ³	7.8 × 10 ³	1.6 × 10 ⁰	8.3 × 10 ³	5.5 × 10 ²	5.4 × 10 ²	2.8 × 10 ³	6.0 × 10 ⁻¹	7.6 × 10 ⁻⁹	4.6 × 10 ³	3.9 × 10 ⁻¹	8.3 × 10 ⁻⁵	2.8 × 10 ⁻³	2.4 × 10 ²	4.5 × 10 ⁻¹	1.7 × 10 ⁻²	6.1 × 10 ⁻⁴	9.6 × 10 ⁻²	
OR	OR-W203	200.4	2.1 × 10 ⁰	1.3 × 10 ⁻¹	1.2 × 10 ²	4.5 × 10 ⁰	1.1 × 10 ⁻⁵	1.2 × 10 ⁰	2.5 × 10 ⁻²	1.5 × 10 ⁰	7.2 × 10 ⁰	1.7 × 10 ⁻²	5.5 × 10 ⁻¹⁰	3.3 × 10 ¹	2.0 × 10 ⁻¹³	4.8 × 10 ⁻⁹	2.7 × 10 ⁻¹⁶	3.9 × 10 ⁻¹⁰	6.2 × 10 ⁻⁵	4.2 × 10 ⁻¹⁰	6.7 × 10 ⁻⁷	4.4 × 10 ⁻¹¹	
OR	OR-W204	38.6	5.1 × 10 ⁻¹	---	4.8 × 10 ⁻⁴	1.5 × 10 ⁰	2.9 × 10 ⁻⁶	1.3 × 10 ⁰	4.2 × 10 ⁻¹	2.9 × 10 ⁻¹	---	7.7 × 10 ⁻⁷	---	1.4 × 10 ⁻²	1.1 × 10 ⁻³	5.5 × 10 ⁻⁹	6.7 × 10 ⁻¹⁷	7.1 × 10 ⁻¹	7.0 × 10 ⁻⁵	1.2 × 10 ⁻⁴	1.5 × 10 ⁻⁷	6.0 × 10 ⁻⁴	
PA	PA-A015	17.6	---	---	---	---	6.4 × 10 ⁻²	---	4.3 × 10 ⁻¹	---	---	---	---	---	2.2 × 10 ⁻⁹	8.6 × 10 ⁻²	---	3.6 × 10 ⁻⁶	---	5.5 × 10 ⁻⁹	---	---	
RF	RF-MT0001	8.1	2.0 × 10 ³	---	---	---	7.6 × 10 ⁻³	8.4 × 10 ⁰	2.0 × 10 ²	4.5 × 10 ¹	6.5 × 10 ²	5.7 × 10 ⁻³	---	---	7.4 × 10 ⁻¹¹	1.6 × 10 ⁻⁸	4.7 × 10 ⁻¹⁵	2.0 × 10 ⁻⁷	3.0 × 10 ⁻⁴	2.3 × 10 ⁻⁶	1.6 × 10 ⁻⁵	1.0 × 10 ⁻¹¹	
RF	RF-MT0002	0.6	1.5 × 10 ²	---	---	---	5.9 × 10 ⁻⁴	6.4 × 10 ⁻¹	1.5 × 10 ¹	3.4 × 10 ⁰	5.0 × 10 ¹	4.4 × 10 ⁻⁴	---	---	5.7 × 10 ⁻¹²	1.3 × 10 ⁻⁹	3.6 × 10 ⁻¹⁶	1.5 × 10 ⁻⁸	2.3 × 10 ⁻⁵	1.8 × 10 ⁻⁷	1.2 × 10 ⁻⁶	7.9 × 10 ⁻¹³	
RF	RF-MT0003	1.7	3.0 × 10 ⁻¹	---	---	---	6.6 × 10 ⁻⁷	1.5 × 10 ⁻¹	3.5 × 10 ⁰	7.9 × 10 ⁻¹	1.1 × 10 ¹	1.0 × 10 ⁻⁴	---	---	3.6 × 10 ⁻¹⁵	2.9 × 10 ⁻¹⁰	8.3 × 10 ⁻¹⁷	1.2 × 10 ⁻¹¹	5.3 × 10 ⁻⁶	1.2 × 10 ⁻⁶	2.8 × 10 ⁻⁷	1.8 × 10 ⁻¹³	
RF	RF-MT0007	0.8	1.7 × 10 ⁰	---	---	---	6.6 × 10 ⁻⁶	---	4.3 × 10 ⁻¹	9.8 × 10 ⁻²	1.3 × 10 ⁰	---	---	---	6.4 × 10 ⁻¹⁴	---	1.0 × 10 ⁻¹⁷	1.7 × 10 ⁻¹⁰	---	5.1 × 10 ⁻⁹	3.5 × 10 ⁻⁸	---	
RF	RF-MT0089	0.4	2.9 × 10 ⁻³	---	---	---	6.3 × 10 ⁻⁹	1.5 × 10 ⁻³	3.4 × 10 ⁻²	7.9 × 10 ⁻³	1.1 × 10 ⁻¹	1.0 × 10 ⁻⁶	---	---	3.3 × 10 ⁻¹⁷	2.9 × 10 ⁻¹²	8.3 × 10 ⁻¹⁹	1.1 × 10 ⁻¹³	5.3 × 10 ⁻⁸	4.1 × 10 ⁻¹⁰	2.8 × 10 ⁻⁹	1.8 × 10 ⁻¹⁵	
RF	RF-MT0090	2.5	1.3 × 10 ¹	---	---	---	4.7 × 10 ⁻⁵	2.1 × 10 ⁰	8.9 × 10 ¹	2.0 × 10 ¹	1.1 × 10 ²	1.2 × 10 ⁻³	---	---	4.3 × 10 ⁻¹³	4.1 × 10 ⁻⁹	2.1 × 10 ⁻¹⁵	1.2 × 10 ⁻⁹	7.4 × 10 ⁻⁵	1.0 × 10 ⁻⁶	7.2 × 10 ⁻⁶	2.2 × 10 ⁻¹²	
RF	RF-MT0091	148.8	7.5 × 10 ²	---	---	---	2.5 × 10 ⁻³	2.1 × 10 ²	5.9 × 10 ³	1.4 × 10 ³	9.3 × 10 ³	8.4 × 10 ⁻²	---	---	2.2 × 10 ⁻¹¹	7.4 × 10 ⁻⁷	1.4 × 10 ⁻¹³	6.1 × 10 ⁻⁸	1.1 × 10 ⁻²	1.7 × 10 ⁻⁴	4.8 × 10 ⁻⁴	8.7 × 10 ⁻⁷	
RF	RF-MT0092	21.5	1.1 × 10 ²	---	---	---	3.7 × 10 ⁻⁴	2.7 × 10 ¹	8.5 × 10 ²	2.0 × 10 ²	1.3 × 10 ³	1.3 × 10 ⁻²	---	---	3.3 × 10 ⁻¹²	5.2 × 10 ⁻⁸	2.1 × 10 ⁻¹⁴	9.0 × 10 ⁻⁹	9.5 × 10 ⁻⁴	1.0 × 10 ⁻⁵	7.0 × 10 ⁻⁵	2.3 × 10 ⁻¹¹	
RF	RF-MT0093	23.3	1.5 × 10 ²	---	---	---	1.3 × 10 ⁻³	2.7 × 10 ¹	9.1 × 10 ²	2.2 × 10 ²	1.1 × 10 ³	1.4 × 10 ⁻²	---	---	2.6 × 10 ⁻¹¹	5.4 × 10 ⁻⁸	2.3 × 10 ⁻¹⁴	5.1 × 10 ⁻⁸	9.8 × 10 ⁻⁴	1.1 × 10 ⁻⁵	7.7 × 10 ⁻⁵	2.6 × 10 ⁻¹¹	
RF	RF-MT0097	1.5	7.3 × 10 ⁰	---	---	---	2.6 × 10 ⁻⁵	1.2 × 10 ⁰	4.8 × 10 ¹	9.8 × 10 ⁰	6.0 × 10 ¹	4.9 × 10 ⁻⁴	---	---	2.4 × 10 ⁻¹³	2.4 × 10 ⁻⁹	1.0 × 10 ⁻¹⁵	6.5 × 10 ⁻¹⁰	4.3 × 10 ⁻⁵	5.7 × 10 ⁻⁷	3.5 × 10 ⁻⁶	8.9 × 10 ⁻¹³	
RF	RF-MT0099	0.6	4.4 × 10 ⁻³	---	---	---	9.4 × 10 ⁻⁹	2.2 × 10 ⁻³	5.2 × 10 ⁻²	1.2 × 10 ⁻²	1.7 × 10 ⁻¹	1.5 × 10 ⁻⁶	---	---	4.9 × 10 ⁻¹⁷	4.3 × 10 ⁻¹²	1.2 × 10 ⁻¹⁸	1.7 × 10 ⁻¹³	7.9 × 10 ⁻⁸	6.1 × 10 ⁻¹⁰	4.2 × 10 ⁻⁹	2.7 × 10 ⁻¹⁵	
RF	RF-MT0290	19.0	1.1 × 10 ¹	---	---	---	2.3 × 10 ⁻⁵	5.5 × 10 ⁰	1.3 × 10 ²	2.9 × 10 ¹	4.2 × 10 ²	3.7 × 10 ⁻³	---	---	1.2 × 10 ⁻¹³	1.1 × 10 ⁻⁸	3.1 × 10 ⁻¹⁵	4.2 × 10 ⁻¹⁰	2.0 × 10 ⁻⁴	1.5 × 10 ⁻⁶	1.0 × 10 ⁻⁵	6.7 × 10 ⁻¹²	
RF	RF-MT-0292	24.0	1.4 × 10 ¹	---	---	---	2.9 × 10 ⁻⁵	6.9 × 10 ⁰	1.6 × 10 ²	3.7 × 10 ¹	5.3 × 10 ²	4.7 × 10 ⁻³	---	---	1.5 × 10 ⁻¹³	1.4 × 10 ⁻⁸	3.9 × 10 ⁻¹⁵	5.3 × 10 ⁻¹⁰	2.5 × 10 ⁻⁴	1.9 × 10 ⁻⁶	1.3 × 10 ⁻⁵	8.5 × 10 ⁻¹²	
RF	RF-MT-0299	31.1	3.3 × 10 ³	---	---	---	1.2 × 10 ⁻²	1.8 × 10 ²	4.2 × 10 ³	9.5 × 10 ²	1.4 × 10 ⁴	1.2 × 10 ⁻¹	---	---	1.2 × 10 ⁻¹⁰	3.5 × 10 ⁻⁷	1.0 × 10 ⁻¹³	3.1 × 10 ⁻⁷	6.3 × 10 ⁻³	4.9 × 10 ⁻⁵	3.4 × 10 ⁻⁴	3.8 × 10 ⁻³	
RF	RF-MT0302	0.4	3.9 × 10 ⁻²	---	---	---	2.6 × 10 ⁻⁷	7.0 × 10 ⁻³	1.8 × 10 ⁻¹	4.1 × 10 ⁻²	5.3 × 10 ⁻¹	4.7 × 10 ⁻⁶	---	---	5.0 × 10 ⁻¹⁵	1.8 × 10 ⁻⁹	4.3 × 10 ⁻¹⁸	1.0 × 10 ⁻¹¹	1.7 × 10 ⁻⁵	5.4 × 10 ⁻⁷	1.5 × 10 ⁻⁸	4.8 × 10 ⁻⁹	
RF	RF-MT0320	7.1	5.1 × 10 ¹	---	---	---	2.6 × 10 ⁻⁴	7.3 × 10 ⁰	1.7 × 10 ²	4.0 × 10 ¹	5.4 × 10 ²	4.9 × 10 ⁻³	---	---	3.9 × 10 ⁻¹²	1.6 × 10 ⁻⁸	4.2 × 10 ⁻¹⁵	8.5 × 10 ⁻⁹	2.7 × 10 ⁻⁴	2.5 × 10 ⁻⁶	1.4 × 10 ⁻⁵	3.6 × 10 ⁻⁹	
RF	RF-MT0321	41.6	3.3 × 10 ¹	---	---	---	5.4 × 10 ⁻⁴	2.2 × 10 ⁰	5.6 × 10 ¹	1.3 × 10 ¹	1.5 × 10 ²	1.7 × 10 ⁻³	---	---	1.3 × 10 ⁻¹¹	2.6 × 10 ⁻⁷	1.3 × 10 ⁻¹⁵	2.4 × 10 ⁻⁸	2.5 × 10 ⁻³	7.9 × 10 ⁻⁵	4.5 × 10 ⁻⁶	6.9 × 10 ⁻⁷	
RF	RF-MT-0328	3.2	2.0 × 10 ⁰	---	---	---	2.0 × 10 ⁻⁵	2.6 × 10 ⁻¹	6.1 × 10 ⁰	1.4 × 10 ⁰	2.0 × 10 ¹	1.8 × 10 ⁻⁴	---	---	4.4 × 10 ⁻¹³	3.7 × 10 ⁻⁸	1.5 × 10 ⁻¹⁶	8.4 × 10 ⁻¹⁰	3.5 × 10 ⁻⁴	1.1 × 10 ⁻⁵	5.0 × 10 ⁻⁷	9.6 × 10 ⁻⁸	
RF	RF-MT0330	4.9	2.1 × 10 ¹	---	---	---	1.2 × 10 ⁻⁴	2.8 × 10 ⁰	1.2 × 10 ²	3.0 × 10 ¹	1.9 × 10 ²	2.1 × 10 ⁻³	---	---	1.9 × 10 ⁻¹²	5.6 × 10 ⁻⁹	3.2 × 10 ⁻¹⁵	4.0 × 10 ⁻⁹	1.0 × 10 ⁻⁴	1.5 × 10 ⁻⁶	1.1 × 10 ⁻⁵	3.8 × 10 ⁻¹²	
RF	RF-MT-0331	24.6	1.3 × 10 ²	---	---	---	7.1 × 10 ⁻⁴	1.8 × 10 ¹	5.4 × 10 ²	1.2 × 10 ²	1.1 × 10 ³	1.3 × 10 ⁻²	---	---	1.2 × 10 ⁻¹¹	2.3 × 10 ⁻⁶	1.3 × 10 ⁻¹⁴	2.4 × 10 ⁻⁸	2.1 × 10 ⁻²	6.7 × 10 ⁻⁴	4.3 × 10 ⁻⁵	1.4 × 10 ⁻⁵	
RF	RF-MT0332	1.5	1.0 × 10 ⁻²	---	---	---	2.2 × 10 ⁻⁸	5.2 × 10 ⁻³	1.2 × 10 ⁻¹	2.8 × 10 ⁻²	4.0 × 10 ⁻¹	3.5 × 10 ⁻⁶	---	---	1.2 × 10 ⁻¹⁶	1.0 × 10 ⁻¹¹	2.9 × 10 ⁻¹⁸	4.0 × 10 ⁻¹³	1.8 × 10 ⁻⁷	1.4 × 10 ⁻⁹	9.8 × 10 ⁻⁹	6.3 × 10 ⁻¹⁵	
RF	RF-MT-0335	0.8	1.4 × 10 ⁰	---	---	---	1.6 × 10 ⁻⁵	2.4 × 10 ⁻¹	6.2 × 10 ⁰	1.4 × 10 ⁰	1.6 × 10 ¹	1.5 × 10 ⁻⁴	---	---	3.6 × 10 ⁻¹³	5.9 × 10 ⁻⁸	1.5 × 10 ⁻¹⁶	6.8 × 10 ⁻¹⁰	5.5 × 10 ⁻⁴	1.7 × 10 ⁻⁵	5.1 × 10 ⁻⁷	1.6 × 10 ⁻⁶	
RF	RF-MT0336	14.3	1.0 × 10 ²	---	---	---	3.7 × 10 ⁻⁴	1.6 × 10 ¹	4.4 × 10 ²	1.0 × 10 ²	9.5 × 10 ²	1.2 × 10 ⁻²	---	---	3.7 × 10 ^{-12</}								

Table DATA-F-E-1. Scaled Volume and Activities of Selected Radionuclides for CH-TRU Waste Streams¹ — Continued

Site	Waste Stream ID#	Scaled Volume (m ³)	Scaled Total Curies of Each Radionuclide For Each Waste Stream																			
			²⁴¹ Am	²⁴³ Am	²⁴⁴ Cm	¹³⁷ Cs	²³⁷ Np	²³⁸ Pu	²³⁹ Pu	²⁴⁰ Pu	²⁴¹ Pu	²⁴² Pu	²⁴⁴ Pu	⁹⁰ Sr	²²⁹ Th	²³⁰ Th	²³² Th	²³³ U	²³⁴ U	²³⁵ U	²³⁶ U	²³⁸ U
RF	RF-MT0373	4.0	2.1 × 10 ¹	---	---	---	7.5 × 10 ⁻⁵	3.3 × 10 ⁰	1.4 × 10 ²	3.2 × 10 ¹	1.8 × 10 ²	1.9 × 10 ³	---	---	6.9 × 10 ⁻¹³	6.5 × 10 ⁹	3.4 × 10 ⁻¹⁵	1.9 × 10 ⁹	1.2 × 10 ⁴	1.7 × 10 ⁻⁶	1.1 × 10 ⁻⁵	3.5 × 10 ⁻¹²
RF	RF-MT0374	0.6	5.8 × 10 ¹	---	---	---	6.8 × 10 ⁻⁶	1.2 × 10 ¹	2.8 × 10 ⁰	6.3 × 10 ¹	9.1 × 10 ⁰	8.0 × 10 ⁵	---	---	1.6 × 10 ⁻¹³	5.9 × 10 ¹⁰	6.7 × 10 ⁻¹⁷	3.0 × 10 ⁻¹⁰	7.5 × 10 ⁶	6.2 × 10 ⁻⁷	2.3 × 10 ⁻⁷	3.5 × 10 ⁻⁶
RF	RF-MT0376	0.2	4.7 × 10 ¹	---	---	---	3.3 × 10 ⁻⁶	9.5 × 10 ²	2.8 × 10 ⁰	6.4 × 10 ¹	6.7 × 10 ⁰	6.2 × 10 ⁵	---	---	6.5 × 10 ⁻¹⁴	1.8 × 10 ⁹	6.8 × 10 ⁻¹⁷	1.3 × 10 ⁻¹⁰	1.9 × 10 ⁵	5.2 × 10 ⁻⁷	2.3 × 10 ⁻⁷	9.4 × 10 ⁻⁷
RF	RF-MT0377	74.4	2.7 × 10 ²	---	---	---	4.0 × 10 ⁻³	5.5 × 10 ¹	1.3 × 10 ³	2.9 × 10 ²	4.2 × 10 ³	3.7 × 10 ²	---	---	9.9 × 10 ⁻¹¹	1.2 × 10 ⁶	3.1 × 10 ⁻¹⁴	1.8 × 10 ⁻⁷	1.2 × 10 ⁻²	3.4 × 10 ⁻⁴	1.0 × 10 ⁻⁴	2.8 × 10 ⁻⁶
RF	RF-MT0378	0.6	2.7 × 10 ⁰	---	---	---	2.4 × 10 ⁻⁵	7.6 × 10 ¹	1.8 × 10 ¹	4.1 × 10 ⁰	5.8 × 10 ¹	5.1 × 10 ⁴	---	---	5.4 × 10 ⁻¹³	1.5 × 10 ⁹	4.3 × 10 ⁻¹⁶	1.0 × 10 ⁻⁹	2.7 × 10 ⁻⁵	2.1 × 10 ⁻⁷	1.4 × 10 ⁻⁶	9.3 × 10 ⁻¹³
RF	RF-MT0419	4.8	5.7 × 10 ⁰	---	---	---	5.9 × 10 ⁻⁵	7.1 × 10 ¹	1.7 × 10 ¹	3.8 × 10 ⁰	5.5 × 10 ¹	4.8 × 10 ⁴	---	---	1.3 × 10 ⁻¹²	1.4 × 10 ⁹	4.0 × 10 ⁻¹⁶	2.6 × 10 ⁻⁹	2.5 × 10 ⁻⁵	2.0 × 10 ⁻⁷	1.4 × 10 ⁻⁶	8.7 × 10 ⁻¹³
RF	RF-MT0420	0.8	9.9 × 10 ⁻¹	---	---	---	1.0 × 10 ⁻⁵	1.2 × 10 ¹	2.9 × 10 ⁰	6.6 × 10 ¹	9.5 × 10 ⁰	8.4 × 10 ⁵	---	---	2.3 × 10 ⁻¹³	2.4 × 10 ¹⁰	7.0 × 10 ⁻¹⁷	4.4 × 10 ⁻¹⁰	4.4 × 10 ⁻⁶	3.4 × 10 ⁻⁸	2.4 × 10 ⁻⁷	1.5 × 10 ⁻¹³
RF	RF-MT0423	1.0	9.9 × 10 ⁰	---	---	---	3.7 × 10 ⁻⁵	1.0 × 10 ⁰	4.2 × 10 ¹	9.2 × 10 ⁰	3.8 × 10 ¹	5.4 × 10 ⁴	---	---	3.5 × 10 ⁻¹³	2.0 × 10 ⁹	9.7 × 10 ⁻¹⁶	9.4 × 10 ⁻¹⁰	3.6 × 10 ⁻⁵	4.9 × 10 ⁻⁷	3.3 × 10 ⁻⁶	9.7 × 10 ⁻¹³
RF	RF-MT0425	0.2	2.5 × 10 ⁻¹	---	---	---	2.6 × 10 ⁻⁶	3.1 × 10 ⁻²	7.2 × 10 ⁻¹	1.7 × 10 ⁻¹	2.4 × 10 ⁰	2.1 × 10 ⁻⁵	---	---	5.8 × 10 ⁻¹⁴	6.0 × 10 ⁻¹¹	1.7 × 10 ⁻¹⁷	1.1 × 10 ⁻¹⁰	1.1 × 10 ⁻⁶	8.5 × 10 ⁻⁹	5.9 × 10 ⁻⁸	3.8 × 10 ⁻¹⁴
RF	RF-MT-0438	0.6	2.2 × 10 ⁰	---	---	---	9.9 × 10 ⁻⁶	4.0 × 10 ¹	1.3 × 10 ¹	2.9 × 10 ⁰	2.3 × 10 ¹	2.4 × 10 ⁴	---	---	1.4 × 10 ⁻¹³	2.2 × 10 ⁹	3.1 × 10 ⁻¹⁶	3.1 × 10 ⁻¹⁰	2.8 × 10 ⁻⁵	5.8 × 10 ⁻⁷	1.0 × 10 ⁻⁶	3.8 × 10 ⁻⁹
RF	RF-MT0440	2.3	7.5 × 10 ⁻¹	---	---	---	1.6 × 10 ⁻⁵	1.4 × 10 ¹	4.6 × 10 ⁰	1.1 × 10 ⁰	9.7 × 10 ⁰	1.0 × 10 ⁴	---	---	4.1 × 10 ⁻¹³	1.8 × 10 ⁸	1.1 × 10 ⁻¹⁶	7.4 × 10 ⁻¹⁰	1.7 × 10 ⁻⁴	5.5 × 10 ⁻⁶	3.9 × 10 ⁻⁷	1.6 × 10 ⁻⁶
RF	RF-MT0442	0.8	2.9 × 10 ⁻¹	---	---	---	1.8 × 10 ⁻⁶	6.3 × 10 ⁻²	1.6 × 10 ⁰	3.6 × 10 ⁻¹	3.6 × 10 ⁰	3.3 × 10 ⁻⁵	---	---	3.2 × 10 ⁻¹⁴	1.0 × 10 ⁸	3.8 × 10 ⁻¹⁷	6.6 × 10 ⁻¹¹	9.7 × 10 ⁻⁵	3.0 × 10 ⁻⁶	1.3 × 10 ⁻⁷	3.2 × 10 ⁻⁷
RF	RF-MT0443	19.4	2.5 × 10 ⁰	---	---	---	8.5 × 10 ⁻⁶	1.0 × 10 ⁰	2.5 × 10 ¹	5.7 × 10 ⁰	7.5 × 10 ¹	6.7 × 10 ⁴	---	---	1.1 × 10 ⁻¹³	1.9 × 10 ⁸	6.0 × 10 ⁻¹⁶	2.4 × 10 ⁻¹⁰	2.0 × 10 ⁻⁴	6.8 × 10 ⁻⁶	2.0 × 10 ⁻⁶	1.5 × 10 ⁻⁴
RF	RF-MT0444	45.1	2.6 × 10 ¹	---	---	---	2.3 × 10 ⁻⁴	5.1 × 10 ⁰	1.2 × 10 ²	2.7 × 10 ¹	3.9 × 10 ²	3.4 × 10 ⁻³	---	---	5.0 × 10 ⁻¹²	1.2 × 10 ⁸	2.9 × 10 ⁻¹⁵	9.6 × 10 ⁻⁹	2.0 × 10 ⁻⁴	2.1 × 10 ⁻⁶	9.7 × 10 ⁻⁶	6.4 × 10 ⁻⁹
RF	RF-MT0480	119.2	7.6 × 10 ¹	---	---	5.6 × 10 ⁻³	4.2 × 10 ⁻⁴	1.4 × 10 ¹	3.3 × 10 ²	7.6 × 10 ¹	1.0 × 10 ³	8.9 × 10 ⁻³	---	---	7.0 × 10 ⁻¹²	2.9 × 10 ⁻⁷	8.1 × 10 ⁻¹⁵	1.5 × 10 ⁻⁸	3.0 × 10 ⁻³	8.4 × 10 ⁻⁵	2.7 × 10 ⁻⁵	3.9 × 10 ⁻⁵
RF	RF-MT0488	524.6	1.2 × 10 ²	---	---	---	1.7 × 10 ⁻³	2.1 × 10 ¹	5.0 × 10 ²	1.1 × 10 ²	1.6 × 10 ³	1.4 × 10 ⁻²	---	---	4.2 × 10 ⁻¹¹	3.4 × 10 ⁶	1.2 × 10 ⁻¹⁴	7.8 × 10 ⁻⁸	3.2 × 10 ⁻²	1.0 × 10 ⁻³	4.0 × 10 ⁻⁵	8.8 × 10 ⁻⁶
RF	RF-MT0490	1.9	4.9 × 10 ⁻¹	---	---	---	4.4 × 10 ⁻⁶	1.2 × 10 ¹	2.9 × 10 ⁰	6.7 × 10 ⁻¹	9.0 × 10 ⁰	8.0 × 10 ⁻⁵	---	---	9.7 × 10 ⁻¹⁴	1.5 × 10 ⁹	7.1 × 10 ⁻¹⁷	1.9 × 10 ⁻¹⁰	1.6 × 10 ⁻⁵	7.8 × 10 ⁻⁷	2.4 × 10 ⁻⁷	6.6 × 10 ⁻⁵
RF	RF-MT-0491	0.6	4.8 × 10 ⁻²	---	---	---	4.9 × 10 ⁻⁷	5.6 × 10 ⁻³	1.3 × 10 ⁻¹	3.0 × 10 ⁻²	4.2 × 10 ⁻¹	3.7 × 10 ⁻⁶	---	---	1.1 × 10 ⁻¹⁴	2.3 × 10 ¹⁰	3.2 × 10 ⁻¹⁸	2.1 × 10 ⁻¹¹	2.2 × 10 ⁻⁶	1.7 × 10 ⁻⁷	1.1 × 10 ⁻⁸	5.7 × 10 ⁻¹⁰
RF	RF-MT0523A	10.8	3.8 × 10 ¹	---	---	---	3.3 × 10 ⁻⁴	4.5 × 10 ⁰	1.1 × 10 ²	2.4 × 10 ¹	3.4 × 10 ²	3.0 × 10 ⁻³	---	---	7.0 × 10 ⁻¹²	3.6 × 10 ⁸	2.5 × 10 ⁻¹⁵	1.4 × 10 ⁻⁸	4.2 × 10 ⁻⁴	3.5 × 10 ⁻⁴	8.6 × 10 ⁻⁶	4.1 × 10 ⁻⁴
RF	RF-MT0523B	10.8	3.8 × 10 ¹	---	---	---	3.3 × 10 ⁻⁴	4.5 × 10 ⁰	1.1 × 10 ²	2.4 × 10 ¹	3.4 × 10 ²	3.0 × 10 ⁻³	---	---	7.0 × 10 ⁻¹²	3.6 × 10 ⁸	2.5 × 10 ⁻¹⁵	1.4 × 10 ⁻⁸	4.2 × 10 ⁻⁴	3.5 × 10 ⁻⁴	8.6 × 10 ⁻⁶	4.1 × 10 ⁻⁴
RF	RF-MT0523C	10.8	3.8 × 10 ¹	---	---	---	3.3 × 10 ⁻⁴	4.5 × 10 ⁰	1.1 × 10 ²	2.4 × 10 ¹	3.4 × 10 ²	3.0 × 10 ⁻³	---	---	7.0 × 10 ⁻¹²	3.6 × 10 ⁸	2.5 × 10 ⁻¹⁵	1.4 × 10 ⁻⁸	4.2 × 10 ⁻⁴	3.5 × 10 ⁻⁴	8.6 × 10 ⁻⁶	4.1 × 10 ⁻⁴
RF	RF-MT0523D	10.8	3.8 × 10 ¹	---	---	---	3.3 × 10 ⁻⁴	4.5 × 10 ⁰	1.1 × 10 ²	2.4 × 10 ¹	3.4 × 10 ²	3.0 × 10 ⁻³	---	---	7.0 × 10 ⁻¹²	3.6 × 10 ⁸	2.5 × 10 ⁻¹⁵	1.4 × 10 ⁻⁸	4.2 × 10 ⁻⁴	3.5 × 10 ⁻⁴	8.6 × 10 ⁻⁶	4.1 × 10 ⁻⁴
RF	RF-MT0523E	10.8	3.8 × 10 ¹	---	---	---	3.3 × 10 ⁻⁴	4.5 × 10 ⁰	1.1 × 10 ²	2.4 × 10 ¹	3.4 × 10 ²	3.0 × 10 ⁻³	---	---	7.0 × 10 ⁻¹²	3.6 × 10 ⁸	2.5 × 10 ⁻¹⁵	1.4 × 10 ⁻⁸	4.2 × 10 ⁻⁴	3.5 × 10 ⁻⁴	8.6 × 10 ⁻⁶	4.1 × 10 ⁻⁴
RF	RF-MT0531	0.2	1.5 × 10 ⁻³	---	---	---	3.1 × 10 ⁻⁹	7.4 × 10 ⁻⁴	1.7 × 10 ⁻²	3.9 × 10 ⁻³	5.7 × 10 ⁻²	5.0 × 10 ⁻⁷	---	---	1.6 × 10 ⁻¹⁷	1.4 × 10 ⁻¹²	4.2 × 10 ⁻¹⁹	5.7 × 10 ⁻¹⁴	2.6 × 10 ⁻⁸	2.0 × 10 ⁻¹⁰	1.4 × 10 ⁻⁹	9.0 × 10 ⁻¹⁶
RF	RF-MT0532E	15.6	1.3 × 10 ²	---	---	---	3.4 × 10 ⁻³	9.6 × 10 ⁰	2.3 × 10 ²	5.2 × 10 ¹	7.3 × 10 ²	7.6 × 10 ⁻³	---	---	9.0 × 10 ⁻¹¹	1.4 × 10 ⁻⁷	5.5 × 10 ⁻¹⁵	1.6 × 10 ⁻⁷	1.4 × 10 ⁻³	4.3 × 10 ⁻⁵	1.9 × 10 ⁻⁵	7.2 × 10 ⁻⁴
RF	RF-MT0532F	15.6	1.3 × 10 ²	---	---	---	3.4 × 10 ⁻³	9.6 × 10 ⁰	2.3 × 10 ²	5.2 × 10 ¹	7.3 × 10 ²	7.6 × 10 ⁻³	---	---	9.0 × 10 ⁻¹¹	1.4 × 10 ⁻⁷	5.5 × 10 ⁻¹⁵	1.6 × 10 ⁻⁷	1.4 × 10 ⁻³	4.3 × 10 ⁻⁵	1.9 × 10 ⁻⁵	7.2 × 10 ⁻⁴
RF	RF-MT0541	4.4	5.4 × 10 ⁰	---	---	---	2.1 × 10 ⁻⁵	1.4 × 10 ⁻¹	3.3 × 10 ⁰	7.4 × 10 ⁻¹	1.1 × 10 ¹	9.4 × 10 ⁻⁵	---	---	2.0 × 10 ⁻¹³	2.7 × 10 ⁻¹⁰	7.8 × 10 ⁻¹⁷	5.4 × 10 ⁻¹⁰	4.9 × 10 ⁻⁶	3.8 × 10 ⁻⁸	2.6 × 10 ⁻⁷	1.7 × 10 ⁻¹³
RF	RF-MT0545	0.2	1.3 × 10 ⁻²	---	---	---	2.8 × 10 ⁻⁸	6.7 × 10 ⁻³	1.6 × 10 ⁻¹	3.6 × 10 ⁻²	5.1 × 10 ⁻¹	4.5 × 10 ⁻⁶	---	---	1.5 × 10 ⁻¹⁶	1.3 × 10 ⁻¹¹	3.8 × 10 ⁻¹⁸	5.2 × 10 ⁻¹³	2.4 × 10 ⁻⁷	1.9 × 10 ⁻⁹	1.3 × 10 ⁻⁸	8.2 × 10 ⁻¹⁵
RF	RF-MT0800	62.5	1.2 × 10 ³	---	---	---	4.6 × 10 ⁻³	3.3 × 10 ⁰	7.7 × 10 ¹	1.8 × 10 ¹	2.5 × 10 ²	2.2 × 10 ⁻³	---	---	4.5 × 10 ⁻¹¹	5.9 × 10 ⁸	1.9 × 10 ⁻¹⁵	1.2 × 10 ⁻⁷	6.0 × 10 ⁻⁴	7.0 × 10 ⁻⁵	6.3 × 10 ⁻⁶	8.5 × 10 ⁻⁶
RF	RF-MT0801	102.5	1.3 × 10 ²	---	---	---	4.9 × 10 ⁻⁴	3.2 × 10 ⁰	7.6 × 10 ¹	1.7 × 10 ¹	2.5 × 10 ²	2.2 × 10 ⁻³	---	---	4.7 × 10 ⁻¹²	6.3 × 10 ⁹	1.8 × 10 ⁻¹⁵	1.3 × 10 ⁻⁸	1.2 × 10 ⁻⁴	9.0 × 10 ⁻⁷	6.2 × 10 ⁻⁶	4.0 × 10 ⁻¹²
RF	RF-MT0803	2.3	2.8 × 10 ⁰	---	---	---	1.1 × 10 ⁻⁵	7.2 × 10 ⁻²	1.7 × 10 ⁰	3.9 × 10 ⁻¹	5.6 × 10 ⁰	4.9 × 10 ⁻⁵	---	---	1.1 × 10 ⁻¹³	1.4 × 10 ¹⁰	4.1 × 10 ⁻¹⁷	2.8 × 10 ⁻¹⁰	2.6 × 10 ⁻⁶	2.0 × 10 ⁻⁸	1.4 × 10 ⁻⁷	8.9 × 10 ⁻¹⁴
RF	RF-MT0806	0.2	1.1 × 10 ⁰	---	---	---	3.9 × 10 ⁻⁶	1.7 × 10 ⁻¹	7.4 × 10 ⁰	1.7 × 10 ⁰	9.4 × 10 ⁰	1.0 × 10 ⁻⁴	---	---	3.6 × 10 ⁻¹⁴	3.4 × 10 ¹⁰	1.8 × 10 ⁻¹⁶	9.8 × 10 ⁻¹¹	6.2 × 10 ⁻⁶	8.7 × 10 ⁻⁸	6.0 × 10 ⁻⁷	1.9 × 10 ⁻¹³
RF	RF-MT0807	84.2	1.5 × 10 ¹	---	---	---	5.3 × 10 ⁻⁵	1.3 × 10 ⁰	3.1 × 10 ¹	7.2 × 10 ⁰	1.0 × 10 ²	9.1 × 10 ⁻⁴	---	---	4.9 × 10 ⁻¹³	2.6 × 10 ⁹	7.6 × 10 ⁻¹⁶	1.3 × 10 ⁻⁹	4.8 × 10 ⁻⁵	2.0 × 10 ⁻⁵	2.6 × 10 ⁻⁶	1.6 × 10 ⁻¹²
RF	RF-MT0816	0.4	1.4 × 10 ⁰	---	---	---	5.0 × 10 ⁻⁶	1.9 × 10 ⁻¹	4.4 × 10 ⁰	1.0 × 10 ⁰	1.5 × 10 ¹	1.3 × 10 ⁻⁴	---	---	4.5 × 10 ⁻¹⁴	3.7 × 10 ¹⁰	1.1 × 10 ⁻¹⁶	1.2 × 10 ⁻¹⁰	6.8 × 10 ⁻⁶	1.4 × 10 ⁻⁴	3.6 × 10 ⁻⁷	2.3 × 10 ⁻¹³
RF	RF-MT-0823	0.2	7.3 × 10 ⁻¹	---	---	---	6.4 × 10 ⁻⁶	8.6 × 10 ⁻²	2.0 × 10 ⁰	4.6 × 10 ⁻¹	6.6 × 10 ⁰	5.8 × 10 ⁻⁵	---	---	1.3 × 10 ⁻¹³	7.0 × 10 ¹⁰	4.9 × 10 ⁻¹⁷	2.6 × 10 ⁻¹⁰	8.0 × 10 ⁻⁶	6.8 × 10 ⁻⁶	1.6 × 10 ⁻⁷	7.9 × 10 ⁻⁶
RF	RF-MT0827	10.5	3.6 × 10 ¹	---	---	---	1.3 × 10 ⁻⁴	4.8 × 10 ⁰	1.1 × 10 ²	2.6 × 10 ¹	3.7 × 10 ²	3.2 × 10 ⁻³	---	---	1.1 × 10 ⁻¹²	9.4 × 10 ⁹	2.7 × 10 ⁻¹⁵	3.1 × 10 ⁻⁹	1.			

Table DATA-F-E-1. Scaled Volume and Activities of Selected Radionuclides for CH-TRU Waste Streams¹ — Continued

Site	Waste Stream ID#	Scaled Volume (m ³)	Scaled Total Curies of Each Radionuclide For Each Waste Stream																			
			²⁴¹ Am	²⁴³ Am	²⁴⁴ Cm	¹³⁷ Cs	²³⁷ Np	²³⁸ Pu	²³⁹ Pu	²⁴⁰ Pu	²⁴¹ Pu	²⁴² Pu	²⁴⁴ Pu	⁹⁰ Sr	²²⁹ Th	²³⁰ Th	²³² Th	²³³ U	²³⁴ U	²³⁵ U	²³⁶ U	²³⁸ U
RF	RF-MT420P	160.9	1.2 × 10 ³	---	---	---	4.6 × 10 ⁻³	1.7 × 10 ²	6.3 × 10 ³	1.5 × 10 ³	8.3 × 10 ³	1.1 × 10 ¹	---	---	4.9 × 10 ⁻¹¹	1.4 × 10 ⁻⁶	1.5 × 10 ⁻¹³	1.2 × 10 ⁻⁷	1.6 × 10 ⁻²	4.0 × 10 ⁻⁴	5.2 × 10 ⁻⁴	2.9 × 10 ⁻⁶
RF	RF-MT532A	38.6	3.3 × 10 ²	---	---	---	8.4 × 10 ⁻³	2.4 × 10 ¹	5.7 × 10 ²	1.3 × 10 ²	1.8 × 10 ³	1.9 × 10 ⁻²	---	---	2.2 × 10 ⁻¹⁰	3.4 × 10 ⁻⁷	1.4 × 10 ⁻¹⁴	4.0 × 10 ⁻⁷	3.6 × 10 ⁻³	1.1 × 10 ⁻⁴	4.6 × 10 ⁻⁵	1.8 × 10 ⁻³
RF	RF-MT532B	173.2	1.5 × 10 ³	---	---	---	3.8 × 10 ⁻²	1.1 × 10 ²	2.5 × 10 ³	5.8 × 10 ²	8.1 × 10 ³	8.5 × 10 ⁻²	---	---	9.9 × 10 ⁻¹⁰	1.5 × 10 ⁻⁶	6.1 × 10 ⁻¹⁴	1.8 × 10 ⁻⁶	1.6 × 10 ⁻²	4.8 × 10 ⁻⁴	2.1 × 10 ⁻⁴	8.0 × 10 ⁻³
RF	RF-MT532C	347.3	3.0 × 10 ³	---	---	---	7.6 × 10 ⁻²	2.1 × 10 ²	5.1 × 10 ³	1.2 × 10 ³	1.6 × 10 ⁴	1.7 × 10 ¹	---	---	2.0 × 10 ⁻⁹	3.1 × 10 ⁻⁶	1.2 × 10 ⁻¹³	3.6 × 10 ⁻⁶	3.2 × 10 ⁻²	9.7 × 10 ⁻⁴	4.1 × 10 ⁻⁴	1.6 × 10 ⁻²
RF	RF-MT532D	2.2	1.9 × 10 ¹	---	---	---	4.8 × 10 ⁻⁴	1.3 × 10 ⁰	3.2 × 10 ¹	7.3 × 10 ⁰	1.0 × 10 ²	1.1 × 10 ⁻³	---	---	1.3 × 10 ⁻¹¹	1.9 × 10 ⁻⁸	7.7 × 10 ⁻¹⁶	2.3 × 10 ⁻⁸	2.0 × 10 ⁻⁴	6.1 × 10 ⁻⁶	2.6 × 10 ⁻⁶	1.0 × 10 ⁻⁴
RF	RF-TT0069	0.2	8.6 × 10 ⁻²	---	---	---	3.7 × 10 ⁻⁶	1.6 × 10 ⁻²	3.7 × 10 ⁻¹	8.5 × 10 ⁻²	1.2 × 10 ⁰	1.1 × 10 ⁻⁵	---	---	1.0 × 10 ⁻¹³	8.0 × 10 ⁻⁹	9.0 × 10 ⁻¹⁸	1.9 × 10 ⁻¹⁰	7.4 × 10 ⁻⁵	8.5 × 10 ⁻⁶	3.0 × 10 ⁻⁸	6.6 × 10 ⁻⁴
RF	RF-TT0200	0.6	4.5 × 10 ⁰	---	---	---	2.3 × 10 ⁻⁵	6.4 × 10 ⁻¹	1.5 × 10 ¹	3.5 × 10 ⁰	4.7 × 10 ¹	4.3 × 10 ⁻⁴	---	---	3.5 × 10 ⁻¹³	1.4 × 10 ⁻⁹	3.7 × 10 ⁻¹⁶	7.5 × 10 ⁻¹⁰	2.4 × 10 ⁻⁵	2.2 × 10 ⁻⁷	1.3 × 10 ⁻⁶	3.1 × 10 ⁻¹⁰
RF	RF-TT0299	0.2	2.2 × 10 ¹	---	---	---	8.3 × 10 ⁻⁵	1.2 × 10 ⁰	2.8 × 10 ¹	6.4 × 10 ⁰	9.2 × 10 ¹	8.1 × 10 ⁻⁴	---	---	7.9 × 10 ⁻¹³	2.3 × 10 ⁻⁹	6.7 × 10 ⁻¹⁶	2.1 × 10 ⁻⁹	4.3 × 10 ⁻⁵	3.3 × 10 ⁻⁷	2.3 × 10 ⁻⁶	2.5 × 10 ⁻⁵
RF	RF-TT0300	43.1	1.3 × 10 ²	---	---	---	8.4 × 10 ⁻⁴	3.4 × 10 ¹	8.0 × 10 ²	1.8 × 10 ²	2.2 × 10 ³	2.0 × 10 ⁻²	---	---	1.6 × 10 ⁻¹¹	9.7 × 10 ⁻⁷	1.9 × 10 ⁻¹⁴	3.2 × 10 ⁻⁸	9.6 × 10 ⁻³	2.8 × 10 ⁻⁴	6.6 × 10 ⁻⁵	1.6 × 10 ⁻⁴
RF	RF-TT0301	5.8	1.7 × 10 ¹	---	---	---	1.1 × 10 ⁻⁴	4.6 × 10 ⁰	1.1 × 10 ²	2.5 × 10 ¹	3.0 × 10 ²	2.7 × 10 ⁻³	---	---	2.2 × 10 ⁻¹²	1.3 × 10 ⁻⁷	2.6 × 10 ⁻¹⁵	4.3 × 10 ⁻⁹	1.3 × 10 ⁻³	3.8 × 10 ⁻⁵	8.9 × 10 ⁻⁶	2.1 × 10 ⁻⁵
RF	RF-TT0302	9.9	9.4 × 10 ¹	---	---	---	6.3 × 10 ⁻⁶	1.7 × 10 ¹	4.3 × 10 ⁰	9.8 × 10 ¹	1.3 × 10 ¹	1.1 × 10 ⁻⁴	---	---	1.2 × 10 ⁻¹³	4.3 × 10 ⁻⁸	1.0 × 10 ⁻¹⁶	2.4 × 10 ⁻¹⁰	4.1 × 10 ⁻⁴	1.3 × 10 ⁻⁵	3.5 × 10 ⁻⁷	1.1 × 10 ⁻⁷
RF	RF-TT0303	1.3	5.7 × 10 ⁰	---	---	---	6.8 × 10 ⁻⁵	9.8 × 10 ¹	2.3 × 10 ¹	5.2 × 10 ⁰	7.5 × 10 ¹	6.6 × 10 ⁻⁴	---	---	1.6 × 10 ⁻¹²	1.1 × 10 ⁻⁷	5.5 × 10 ⁻¹⁶	3.0 × 10 ⁻⁹	1.1 × 10 ⁻³	3.4 × 10 ⁻⁵	1.9 × 10 ⁻⁶	2.8 × 10 ⁻⁵
RF	RF-TT0310	3.1	1.9 × 10 ¹	---	---	---	1.2 × 10 ⁻⁴	4.6 × 10 ⁰	1.0 × 10 ²	2.4 × 10 ¹	2.7 × 10 ²	2.6 × 10 ⁻³	---	---	2.3 × 10 ⁻¹²	2.9 × 10 ⁻⁸	2.6 × 10 ⁻¹⁵	4.6 × 10 ⁻⁹	3.5 × 10 ⁻⁴	7.2 × 10 ⁻⁶	8.6 × 10 ⁻⁶	5.3 × 10 ⁻⁸
RF	RF-TT0312	57.9	4.8 × 10 ²	---	---	---	2.0 × 10 ⁻³	8.3 × 10 ¹	2.2 × 10 ³	5.1 × 10 ²	5.8 × 10 ³	5.3 × 10 ⁻²	---	---	2.7 × 10 ⁻¹¹	3.5 × 10 ⁻⁷	5.4 × 10 ⁻¹⁴	6.2 × 10 ⁻⁸	4.7 × 10 ⁻³	8.4 × 10 ⁻⁵	1.8 × 10 ⁻⁴	1.3 × 10 ⁻⁵
RF	RF-TT0317	0.2	1.9 × 10 ¹	---	---	---	4.2 × 10 ⁻⁷	9.0 × 10 ⁻²	2.1 × 10 ⁰	4.8 × 10 ¹	6.9 × 10 ⁰	6.1 × 10 ⁻⁵	---	---	2.3 × 10 ⁻¹⁵	1.8 × 10 ⁻¹⁰	5.1 × 10 ⁻¹⁷	7.8 × 10 ⁻¹²	3.2 × 10 ⁻⁶	2.5 × 10 ⁻⁸	1.7 × 10 ⁻⁷	1.1 × 10 ⁻¹³
RF	RF-TT0320	28.0	2.0 × 10 ²	---	---	---	1.0 × 10 ⁻³	2.9 × 10 ¹	6.9 × 10 ²	1.6 × 10 ²	2.1 × 10 ³	1.9 × 10 ⁻²	---	---	1.6 × 10 ⁻¹¹	6.2 × 10 ⁻⁸	1.7 × 10 ⁻¹⁴	3.4 × 10 ⁻⁸	1.1 × 10 ⁻³	9.7 × 10 ⁻⁶	5.6 × 10 ⁻⁵	1.4 × 10 ⁻⁸
RF	RF-TT0330	17.1	7.4 × 10 ¹	---	---	---	4.1 × 10 ⁻⁴	1.0 × 10 ¹	4.3 × 10 ²	1.1 × 10 ²	6.6 × 10 ²	7.3 × 10 ⁻³	---	---	6.6 × 10 ⁻¹²	2.0 × 10 ⁻⁸	1.1 × 10 ⁻¹⁴	1.4 × 10 ⁻⁸	3.6 × 10 ⁻⁴	5.1 × 10 ⁻⁶	3.8 × 10 ⁻⁵	1.3 × 10 ⁻¹¹
RF	RF-TT-0331	71.5	3.7 × 10 ²	---	---	---	2.1 × 10 ⁻³	5.2 × 10 ¹	1.6 × 10 ³	3.5 × 10 ²	3.2 × 10 ³	3.7 × 10 ⁻²	---	---	3.3 × 10 ⁻¹¹	6.6 × 10 ⁻⁶	3.7 × 10 ⁻¹⁴	7.1 × 10 ⁻⁸	6.2 × 10 ⁻²	2.0 × 10 ⁻³	1.3 × 10 ⁻⁴	4.0 × 10 ⁻⁵
RF	RF-TT-0334	4.7	1.0 × 10 ²	---	---	---	3.8 × 10 ⁻⁴	4.2 × 10 ¹	9.8 × 10 ²	2.2 × 10 ²	3.2 × 10 ³	2.8 × 10 ⁻²	---	---	5.5 × 10 ⁻¹²	8.2 × 10 ⁻⁸	2.4 × 10 ⁻¹⁴	1.2 × 10 ⁻⁸	1.5 × 10 ⁻³	1.2 × 10 ⁻⁵	8.0 × 10 ⁻⁵	5.1 × 10 ⁻¹¹
RF	RF-TT0335	111.2	1.8 × 10 ²	---	---	---	2.1 × 10 ⁻³	3.2 × 10 ¹	8.3 × 10 ²	1.9 × 10 ²	2.2 × 10 ³	2.0 × 10 ⁻²	---	---	4.8 × 10 ⁻¹¹	7.9 × 10 ⁻⁶	2.0 × 10 ⁻¹⁴	9.1 × 10 ⁻⁸	7.3 × 10 ⁻²	2.3 × 10 ⁻³	6.8 × 10 ⁻⁵	2.1 × 10 ⁻⁴
RF	RF-TT0336	23.8	1.7 × 10 ²	---	---	---	6.2 × 10 ⁻⁴	2.6 × 10 ¹	7.3 × 10 ²	1.7 × 10 ²	1.6 × 10 ³	2.0 × 10 ⁻²	---	---	6.1 × 10 ⁻¹²	3.8 × 10 ⁻⁷	1.8 × 10 ⁻¹⁴	1.6 × 10 ⁻⁸	4.0 × 10 ⁻³	1.1 × 10 ⁻⁴	6.0 × 10 ⁻⁵	8.6 × 10 ⁻⁷
RF	RF-TT0337	49.1	2.1 × 10 ²	---	---	---	7.9 × 10 ⁻⁴	3.0 × 10 ¹	9.5 × 10 ²	2.1 × 10 ²	1.6 × 10 ³	2.0 × 10 ⁻²	---	---	7.9 × 10 ⁻¹²	1.5 × 10 ⁻⁶	2.3 × 10 ⁻¹⁴	2.1 × 10 ⁻⁸	1.5 × 10 ⁻²	4.5 × 10 ⁻⁴	7.6 × 10 ⁻⁵	3.9 × 10 ⁻⁶
RF	RF-TT0338	153.2	8.9 × 10 ²	---	---	---	5.6 × 10 ⁻³	1.1 × 10 ²	3.7 × 10 ³	8.3 × 10 ²	7.3 × 10 ³	7.8 × 10 ⁻²	---	---	1.0 × 10 ⁻¹⁰	1.1 × 10 ⁻⁶	8.8 × 10 ⁻¹⁴	2.0 × 10 ⁻⁷	1.2 × 10 ⁻²	5.7 × 10 ⁻⁴	3.0 × 10 ⁻⁴	3.3 × 10 ⁻⁵
RF	RF-TT0340	7.3	4.2 × 10 ⁰	---	---	---	9.0 × 10 ⁻⁶	2.1 × 10 ⁰	4.9 × 10 ¹	1.1 × 10 ¹	1.6 × 10 ²	1.4 × 10 ⁻³	---	---	4.7 × 10 ⁻¹⁴	4.1 × 10 ⁻⁹	1.2 × 10 ⁻¹⁵	1.6 × 10 ⁻¹⁰	7.5 × 10 ⁻⁵	5.8 × 10 ⁻⁷	4.0 × 10 ⁻⁶	2.6 × 10 ⁻¹²
RF	RF-TT0342	22.1	4.3 × 10 ¹	---	---	---	5.9 × 10 ⁻⁴	1.0 × 10 ¹	2.9 × 10 ²	6.5 × 10 ¹	6.5 × 10 ²	6.1 × 10 ⁻³	---	---	1.4 × 10 ⁻¹¹	3.6 × 10 ⁻⁷	6.9 × 10 ⁻¹⁵	2.7 × 10 ⁻⁸	3.5 × 10 ⁻³	1.0 × 10 ⁻⁴	2.3 × 10 ⁻⁵	6.1 × 10 ⁻⁵
RF	RF-TT0360	0.6	3.7 × 10 ⁰	---	---	---	4.7 × 10 ⁻⁵	5.3 × 10 ⁻¹	1.3 × 10 ¹	3.0 × 10 ⁰	3.9 × 10 ¹	3.6 × 10 ⁻⁴	---	---	1.1 × 10 ⁻¹²	1.7 × 10 ⁻⁹	3.2 × 10 ⁻¹⁶	2.1 × 10 ⁻⁹	2.5 × 10 ⁻⁵	3.6 × 10 ⁻⁷	1.1 × 10 ⁻⁶	1.8 × 10 ⁻⁹
RF	RF-TT0368	12.5	7.3 × 10 ¹	---	---	---	9.4 × 10 ⁻⁴	1.1 × 10 ¹	2.6 × 10 ²	6.0 × 10 ¹	7.7 × 10 ²	7.1 × 10 ⁻³	---	---	2.2 × 10 ⁻¹¹	3.5 × 10 ⁻⁸	6.4 × 10 ⁻¹⁵	4.2 × 10 ⁻⁸	5.1 × 10 ⁻⁴	7.2 × 10 ⁻⁶	2.1 × 10 ⁻⁵	3.6 × 10 ⁻⁸
RF	RF-TT0370	17.1	1.4 × 10 ²	---	---	---	5.1 × 10 ⁻³	2.3 × 10 ¹	5.8 × 10 ²	1.3 × 10 ²	1.6 × 10 ³	1.5 × 10 ⁻²	---	---	1.4 × 10 ⁻¹⁰	8.9 × 10 ⁻⁷	1.4 × 10 ⁻¹⁴	2.5 × 10 ⁻⁷	8.7 × 10 ⁻³	2.6 × 10 ⁻⁴	4.7 × 10 ⁻⁵	2.3 × 10 ⁻⁶
RF	RF-TT0371	0.2	3.0 × 10 ⁰	---	---	---	3.2 × 10 ⁻⁵	4.6 × 10 ⁻¹	1.1 × 10 ¹	2.5 × 10 ⁰	3.6 × 10 ¹	3.2 × 10 ⁻⁴	---	---	7.4 × 10 ⁻¹³	2.3 × 10 ⁻⁹	2.6 × 10 ⁻¹⁶	1.4 × 10 ⁻⁹	3.0 × 10 ⁻⁵	5.6 × 10 ⁻⁷	8.9 × 10 ⁻⁷	3.8 × 10 ⁻⁹
RF	RF-TT0372	0.4	3.1 × 10 ¹	---	---	---	1.5 × 10 ⁻⁶	9.2 × 10 ⁻²	2.1 × 10 ⁰	4.9 × 10 ⁻¹	6.2 × 10 ⁰	5.6 × 10 ⁻⁵	---	---	2.5 × 10 ⁻¹⁴	7.6 × 10 ⁻⁹	5.1 × 10 ⁻¹⁷	5.3 × 10 ⁻¹¹	7.2 × 10 ⁻⁵	2.2 × 10 ⁻⁶	1.7 × 10 ⁻⁷	2.0 × 10 ⁻⁸
RF	RF-TT0374	11.4	1.0 × 10 ¹	---	---	---	1.2 × 10 ⁻⁴	2.1 × 10 ⁰	5.0 × 10 ¹	1.2 × 10 ¹	1.6 × 10 ²	1.5 × 10 ⁻³	---	---	2.9 × 10 ⁻¹²	1.1 × 10 ⁻⁸	1.2 × 10 ⁻¹⁵	5.5 × 10 ⁻⁹	1.4 × 10 ⁻⁴	1.1 × 10 ⁻⁵	4.1 × 10 ⁻⁶	6.4 × 10 ⁻⁵
RF	RF-TT0375A	3.1	7.5 × 10 ⁻²	---	---	---	1.7 × 10 ⁻⁷	3.5 × 10 ⁻²	8.3 × 10 ⁻¹	1.9 × 10 ⁻¹	2.7 × 10 ⁰	2.4 × 10 ⁻⁵	---	---	9.7 × 10 ⁻¹⁶	6.9 × 10 ⁻¹¹	2.0 × 10 ⁻¹⁷	3.2 × 10 ⁻¹²	1.3 × 10 ⁻⁶	9.8 × 10 ⁻⁹	6.7 × 10 ⁻⁸	4.3 × 10 ⁻¹⁴
RF	RF-TT0375B	3.1	7.5 × 10 ⁻²	---	---	---	1.7 × 10 ⁻⁷	3.5 × 10 ⁻²	8.3 × 10 ⁻¹	1.9 × 10 ⁻¹	2.7 × 10 ⁰	2.4 × 10 ⁻⁵	---	---	9.7 × 10 ⁻¹⁶	6.9 × 10 ⁻¹¹	2.0 × 10 ⁻¹⁷	3.2 × 10 ⁻¹²	1.3 × 10 ⁻⁶	9.8 × 10 ⁻⁹	6.7 × 10 ⁻⁸	4.3 × 10 ⁻¹⁴
RF	RF-TT0376	11.5	2.6 × 10 ¹	---	---	---	1.8 × 10 ⁻⁴	5.2 × 10 ⁰	1.5 × 10 ²	3.5 × 10 ¹	3.7 × 10 ²	3.4 × 10 ⁻³	---	---	3.6 × 10 ⁻¹²	1.0 × 10 ⁻⁷	3.7 × 10 ⁻¹⁵	7.1 × 10 ⁻⁹	1.0 × 10 ⁻³	2.9 × 10 ⁻⁵	1.3 × 10 ⁻⁵	5.1 × 10 ⁻⁵
RF	RF-TT0377	3.9	1.4 × 10 ¹	---	---	---	2.1 × 10 ⁻⁴	2.9 × 10 ⁰	6.7 × 10 ¹	1.5 × 10 ¹	2.2 × 10 ²	1.9 × 10 ⁻³	---	---	5.1 × 10 ⁻¹²	6.3 × 10 ⁻⁸	1.6 × 10 ⁻¹⁵	9.5 × 10 ⁻⁹	6.3 × 10 ⁻⁴	1.8 × 10 ⁻⁵	5.4 × 10 ⁻⁶	1.5 × 10 ⁻⁷
RF	RF-TT0391	0.4	3.5 × 10 ⁰	---	---	---	1.6 × 10 ⁻⁵	4.0 × 10 ⁻¹	1.7 × 10 ¹	3.8 × 10 ⁰	3.8 × 10 ¹	2.7 × 10 ⁻⁴	---	---	2.2 × 10 ⁻¹³	7.9 × 10 ⁻¹⁰	4.0 × 10 ⁻¹⁶	4.9 × 10 ⁻¹⁰	1.4 × 10 ⁻⁵	2.0 × 10 ⁻⁷	1.4 × 10 ⁻⁶	5.0 × 10 ⁻¹³
RF	RF-TT0392	0.2																				

Table DATA-F-E-1. Scaled Volume and Activities of Selected Radionuclides for CH-TRU Waste Streams¹ — Continued

Site	Waste Stream ID#	Scaled Volume (m ³)	Scaled Total Curies of Each Radionuclide For Each Waste Stream																			
			²⁴¹ Am	²⁴³ Am	²⁴⁴ Cm	¹³⁷ Cs	²³⁷ Np	²³⁸ Pu	²³⁹ Pu	²⁴⁰ Pu	²⁴¹ Pu	²⁴² Pu	²⁴⁴ Pu	⁹⁰ Sr	²²⁹ Th	²³⁰ Th	²³² Th	²³³ U	²³⁴ U	²³⁵ U	²³⁶ U	²³⁸ U
RF	RF-TT0440	71.7	2.3 × 10 ¹	---	---	---	4.9 × 10 ⁻⁴	4.5 × 10 ⁰	1.5 × 10 ²	3.4 × 10 ¹	3.0 × 10 ²	3.1 × 10 ³	---	---	1.3 × 10 ⁻¹¹	5.7 × 10 ⁻⁷	3.6 × 10 ⁻¹⁵	2.3 × 10 ⁸	5.3 × 10 ³	1.7 × 10 ⁻⁴	1.2 × 10 ⁻⁵	5.1 × 10 ⁻⁵
RF	RF-TT0441	145.0	1.1 × 10 ²	---	---	---	6.9 × 10 ⁻⁴	2.1 × 10 ¹	5.0 × 10 ²	1.1 × 10 ²	1.6 × 10 ³	1.4 × 10 ²	---	---	1.3 × 10 ⁻¹¹	5.4 × 10 ⁻⁷	1.2 × 10 ⁻¹⁴	2.6 × 10 ⁸	5.4 × 10 ³	1.6 × 10 ⁻⁴	4.1 × 10 ⁻⁵	3.6 × 10 ⁻⁴
RF	RF-TT0442	48.6	1.7 × 10 ¹	---	---	---	1.0 × 10 ⁻⁴	3.7 × 10 ⁰	9.3 × 10 ¹	2.1 × 10 ¹	2.1 × 10 ²	1.9 × 10 ³	---	---	1.9 × 10 ⁻¹²	6.0 × 10 ⁻⁷	2.2 × 10 ⁻¹⁵	3.9 × 10 ⁹	5.7 × 10 ³	1.7 × 10 ⁻⁴	7.5 × 10 ⁻⁶	1.9 × 10 ⁻⁵
RF	RF-TT0443	2.0	2.5 × 10 ⁻¹	---	---	---	8.6 × 10 ⁻⁷	1.0 × 10 ⁻¹	2.5 × 10 ⁰	5.7 × 10 ⁻¹	7.6 × 10 ⁰	6.8 × 10 ⁻⁵	---	---	1.1 × 10 ⁻¹⁴	1.9 × 10 ⁻⁹	6.1 × 10 ⁻¹⁷	2.5 × 10 ⁻¹¹	2.0 × 10 ⁻⁵	6.9 × 10 ⁻⁷	2.0 × 10 ⁻⁷	1.5 × 10 ⁻⁵
RF	RF-TT0479	1.0	2.2 × 10 ⁰	---	---	---	4.6 × 10 ⁻⁶	1.1 × 10 ⁰	2.5 × 10 ¹	5.8 × 10 ⁰	8.4 × 10 ¹	7.4 × 10 ⁻⁴	---	---	2.4 × 10 ⁻¹⁴	2.1 × 10 ⁻⁹	6.1 × 10 ⁻¹⁶	8.4 × 10 ⁻¹¹	3.9 × 10 ⁻⁵	3.0 × 10 ⁻⁷	2.1 × 10 ⁻⁶	1.3 × 10 ⁻¹²
RF	RF-TT0480	370.0	2.4 × 10 ²	---	---	1.7 × 10 ⁻²	1.3 × 10 ⁻³	4.4 × 10 ¹	1.0 × 10 ³	2.4 × 10 ²	3.1 × 10 ³	2.8 × 10 ⁻²	---	---	2.2 × 10 ⁻¹¹	9.1 × 10 ⁻⁷	2.5 × 10 ⁻¹⁴	4.5 × 10 ⁻⁸	9.2 × 10 ⁻³	2.6 × 10 ⁻⁴	8.5 × 10 ⁻⁵	1.2 × 10 ⁻⁴
RF	RF-TT0481	0.2	1.3 × 10 ⁻¹	---	---	9.8 × 10 ⁻⁶	7.3 × 10 ⁻⁷	2.5 × 10 ⁻²	5.8 × 10 ⁻¹	1.3 × 10 ⁻¹	1.8 × 10 ⁰	1.6 × 10 ⁻⁵	---	---	1.2 × 10 ⁻¹⁴	5.1 × 10 ⁻¹⁰	1.4 × 10 ⁻¹⁷	2.5 × 10 ⁻¹¹	5.2 × 10 ⁻⁶	1.5 × 10 ⁻⁷	4.8 × 10 ⁻⁸	6.9 × 10 ⁻⁸
RF	RF-TT0483	0.8	2.7 × 10 ⁻¹	---	---	---	5.7 × 10 ⁻⁷	1.3 × 10 ⁻¹	3.1 × 10 ⁰	7.2 × 10 ⁻¹	1.0 × 10 ¹	9.1 × 10 ⁻⁵	---	---	3.0 × 10 ⁻¹⁵	1.9 × 10 ⁻⁶	7.6 × 10 ⁻¹⁷	1.0 × 10 ⁻¹¹	1.7 × 10 ⁻²	1.1 × 10 ⁻³	2.6 × 10 ⁻⁷	1.3 × 10 ⁻¹
RF	RF-TT0484	9.8	1.8 × 10 ⁰	---	---	---	1.7 × 10 ⁻⁵	5.6 × 10 ⁻¹	1.3 × 10 ¹	3.0 × 10 ⁰	4.3 × 10 ¹	3.8 × 10 ⁻⁴	---	---	3.9 × 10 ⁻¹³	1.3 × 10 ⁻⁸	3.1 × 10 ⁻¹⁶	7.5 × 10 ⁻¹⁰	1.3 × 10 ⁻⁴	8.7 × 10 ⁻⁶	1.1 × 10 ⁻⁶	5.3 × 10 ⁻⁴
RF	RF-TT0485	5.4	1.8 × 10 ⁻¹	---	---	---	6.0 × 10 ⁻⁷	3.4 × 10 ⁻²	8.0 × 10 ⁻¹	1.8 × 10 ⁻¹	2.6 × 10 ⁰	2.3 × 10 ⁻⁵	---	---	5.2 × 10 ⁻¹⁵	3.0 × 10 ⁻⁸	1.9 × 10 ⁻¹⁷	1.4 × 10 ⁻¹¹	2.8 × 10 ⁻⁴	3.2 × 10 ⁻⁵	6.5 × 10 ⁻⁸	2.5 × 10 ⁻³
RF	RF-TT0486	14.4	1.1 × 10 ⁰	---	---	---	6.6 × 10 ⁻⁶	2.0 × 10 ⁻¹	4.8 × 10 ⁰	1.1 × 10 ⁰	1.6 × 10 ¹	1.4 × 10 ⁻⁴	---	---	1.2 × 10 ⁻¹³	2.5 × 10 ⁻⁸	1.1 × 10 ⁻¹⁶	2.4 × 10 ⁻¹⁰	2.3 × 10 ⁻⁴	2.6 × 10 ⁻⁵	3.9 × 10 ⁻⁷	2.0 × 10 ⁻³
RF	RF-TT0487	2.8	6.4 × 10 ⁰	---	---	---	5.6 × 10 ⁻⁵	6.9 × 10 ⁻¹	1.7 × 10 ¹	3.9 × 10 ⁰	5.0 × 10 ¹	4.8 × 10 ⁻⁴	---	---	1.2 × 10 ⁻¹²	5.4 × 10 ⁻⁸	4.1 × 10 ⁻¹⁶	2.3 × 10 ⁻⁹	5.1 × 10 ⁻⁴	1.6 × 10 ⁻⁵	1.4 × 10 ⁻⁶	1.5 × 10 ⁻⁵
RF	RF-TT0489	9.4	1.5 × 10 ⁰	---	---	---	1.2 × 10 ⁻⁵	3.1 × 10 ⁻¹	7.3 × 10 ⁰	1.7 × 10 ⁰	2.4 × 10 ¹	2.1 × 10 ⁻⁴	---	---	2.6 × 10 ⁻¹³	1.1 × 10 ⁻⁸	1.8 × 10 ⁻¹⁶	5.1 × 10 ⁻¹⁰	1.1 × 10 ⁻⁴	1.2 × 10 ⁻⁵	5.9 × 10 ⁻⁷	9.0 × 10 ⁻⁴
RF	RF-TT0490	301.5	7.9 × 10 ¹	---	---	---	7.0 × 10 ⁻⁴	2.0 × 10 ¹	4.7 × 10 ²	1.1 × 10 ²	1.4 × 10 ³	1.3 × 10 ⁻²	---	---	1.5 × 10 ⁻¹¹	2.3 × 10 ⁻⁷	1.1 × 10 ⁻¹⁴	3.0 × 10 ⁻⁸	2.5 × 10 ⁻³	1.3 × 10 ⁻⁴	3.8 × 10 ⁻⁵	1.1 × 10 ⁻²
RF	RF-TT0491	29.6	2.3 × 10 ⁰	---	---	---	2.3 × 10 ⁻⁵	2.7 × 10 ⁻¹	6.3 × 10 ⁰	1.4 × 10 ⁰	2.0 × 10 ¹	1.8 × 10 ⁻⁴	---	---	5.1 × 10 ⁻¹³	1.1 × 10 ⁻⁸	1.5 × 10 ⁻¹⁶	9.7 × 10 ⁻¹⁰	1.0 × 10 ⁻⁴	8.1 × 10 ⁻⁶	5.1 × 10 ⁻⁷	2.7 × 10 ⁻⁸
RF	RF-TT0492	1.9	6.0 × 10 ⁻¹	---	---	---	5.1 × 10 ⁻⁶	1.5 × 10 ⁻¹	3.5 × 10 ⁰	8.0 × 10 ⁻¹	1.2 × 10 ¹	1.0 × 10 ⁻⁴	---	---	1.1 × 10 ⁻¹³	2.9 × 10 ⁻¹⁰	8.5 × 10 ⁻¹⁷	2.1 × 10 ⁻¹⁰	5.3 × 10 ⁻⁶	4.1 × 10 ⁻⁸	2.9 × 10 ⁻⁷	1.8 × 10 ⁻¹³
RF	RF-TT0523A	1.5	5.1 × 10 ⁰	---	---	---	4.5 × 10 ⁻⁵	6.0 × 10 ⁻¹	1.4 × 10 ¹	3.2 × 10 ⁰	4.6 × 10 ¹	4.1 × 10 ⁻⁴	---	---	9.4 × 10 ⁻¹³	4.9 × 10 ⁻⁹	3.4 × 10 ⁻¹⁶	1.8 × 10 ⁻⁹	5.6 × 10 ⁻⁵	4.8 × 10 ⁻⁵	1.2 × 10 ⁻⁶	5.5 × 10 ⁻⁵
RF	RF-TT0523B	1.5	5.1 × 10 ⁰	---	---	---	4.5 × 10 ⁻⁵	6.0 × 10 ⁻¹	1.4 × 10 ¹	3.2 × 10 ⁰	4.6 × 10 ¹	4.1 × 10 ⁻⁴	---	---	9.4 × 10 ⁻¹³	4.9 × 10 ⁻⁹	3.4 × 10 ⁻¹⁶	1.8 × 10 ⁻⁹	5.6 × 10 ⁻⁵	4.8 × 10 ⁻⁵	1.2 × 10 ⁻⁶	5.5 × 10 ⁻⁵
RF	RF-TT0523C	1.5	5.1 × 10 ⁰	---	---	---	4.5 × 10 ⁻⁵	6.0 × 10 ⁻¹	1.4 × 10 ¹	3.2 × 10 ⁰	4.6 × 10 ¹	4.1 × 10 ⁻⁴	---	---	9.4 × 10 ⁻¹³	4.9 × 10 ⁻⁹	3.4 × 10 ⁻¹⁶	1.8 × 10 ⁻⁹	5.6 × 10 ⁻⁵	4.8 × 10 ⁻⁵	1.2 × 10 ⁻⁶	5.5 × 10 ⁻⁵
RF	RF-TT0523D	1.5	5.1 × 10 ⁰	---	---	---	4.5 × 10 ⁻⁵	6.0 × 10 ⁻¹	1.4 × 10 ¹	3.2 × 10 ⁰	4.6 × 10 ¹	4.1 × 10 ⁻⁴	---	---	9.4 × 10 ⁻¹³	4.9 × 10 ⁻⁹	3.4 × 10 ⁻¹⁶	1.8 × 10 ⁻⁹	5.6 × 10 ⁻⁵	4.8 × 10 ⁻⁵	1.2 × 10 ⁻⁶	5.5 × 10 ⁻⁵
RF	RF-TT0523E	1.5	5.1 × 10 ⁰	---	---	---	4.5 × 10 ⁻⁵	6.0 × 10 ⁻¹	1.4 × 10 ¹	3.2 × 10 ⁰	4.6 × 10 ¹	4.1 × 10 ⁻⁴	---	---	9.4 × 10 ⁻¹³	4.9 × 10 ⁻⁹	3.4 × 10 ⁻¹⁶	1.8 × 10 ⁻⁹	5.6 × 10 ⁻⁵	4.8 × 10 ⁻⁵	1.2 × 10 ⁻⁶	5.5 × 10 ⁻⁵
RF	RF-TT0532A	16.6	1.4 × 10 ²	---	---	---	3.6 × 10 ⁻³	1.0 × 10 ¹	2.4 × 10 ²	5.5 × 10 ¹	7.7 × 10 ²	8.1 × 10 ⁻³	---	---	9.5 × 10 ⁻¹¹	1.5 × 10 ⁻⁷	5.8 × 10 ⁻¹⁵	1.7 × 10 ⁻⁷	1.5 × 10 ⁻³	4.6 × 10 ⁻⁵	2.0 × 10 ⁻⁵	7.6 × 10 ⁻⁴
RF	RF-TT0532B	16.6	1.4 × 10 ²	---	---	---	3.6 × 10 ⁻³	1.0 × 10 ¹	2.4 × 10 ²	5.5 × 10 ¹	7.7 × 10 ²	8.1 × 10 ⁻³	---	---	9.5 × 10 ⁻¹¹	1.5 × 10 ⁻⁷	5.8 × 10 ⁻¹⁵	1.7 × 10 ⁻⁷	1.5 × 10 ⁻³	4.6 × 10 ⁻⁵	2.0 × 10 ⁻⁵	7.6 × 10 ⁻⁴
RF	RF-TT0541	0.2	1.2 × 10 ⁻¹	---	---	---	2.6 × 10 ⁻⁷	6.0 × 10 ⁻²	1.4 × 10 ⁰	3.2 × 10 ⁻¹	4.6 × 10 ⁰	4.1 × 10 ⁻⁵	---	---	1.3 × 10 ⁻¹⁵	1.2 × 10 ⁻¹⁰	3.4 × 10 ⁻¹⁷	4.6 × 10 ⁻¹²	2.1 × 10 ⁻⁶	1.7 × 10 ⁻⁸	1.1 × 10 ⁻⁷	7.4 × 10 ⁻¹⁴
RF	RF-TT0545	0.4	2.7 × 10 ⁻²	---	---	---	5.7 × 10 ⁻⁸	1.3 × 10 ⁻²	3.1 × 10 ⁻¹	7.2 × 10 ⁻²	1.0 × 10 ⁰	9.1 × 10 ⁻⁶	---	---	3.0 × 10 ⁻¹⁶	2.6 × 10 ⁻¹¹	7.6 × 10 ⁻¹⁸	1.0 × 10 ⁻¹²	4.8 × 10 ⁻⁷	3.7 × 10 ⁻⁹	2.6 × 10 ⁻⁸	1.6 × 10 ⁻¹⁴
RF	RF-TT0601	2.7	1.6 × 10 ¹	---	---	---	2.0 × 10 ⁻⁴	2.3 × 10 ⁰	5.6 × 10 ¹	1.3 × 10 ¹	1.7 × 10 ²	1.5 × 10 ⁻³	---	---	4.8 × 10 ⁻¹²	7.5 × 10 ⁻⁹	1.4 × 10 ⁻¹⁵	9.1 × 10 ⁻⁹	1.1 × 10 ⁻⁴	1.6 × 10 ⁻⁶	4.7 × 10 ⁻⁶	7.8 × 10 ⁻⁹
RF	RF-TT0802	57.1	1.9 × 10 ³	---	---	---	6.8 × 10 ⁻³	1.9 × 10 ²	4.5 × 10 ³	1.0 × 10 ³	1.5 × 10 ⁴	1.3 × 10 ⁻¹	---	---	6.3 × 10 ⁻¹¹	3.7 × 10 ⁻⁷	1.1 × 10 ⁻¹³	1.7 × 10 ⁻⁷	6.8 × 10 ⁻³	5.5 × 10 ⁻²	3.6 × 10 ⁻⁴	2.4 × 10 ⁻⁴
RF	RF-TT0809	4.7	1.6 × 10 ²	---	---	---	5.6 × 10 ⁻⁴	1.6 × 10 ¹	3.7 × 10 ²	8.4 × 10 ¹	1.2 × 10 ³	1.1 × 10 ⁻²	---	---	5.2 × 10 ⁻¹²	3.1 × 10 ⁻⁸	8.8 × 10 ⁻¹⁵	1.4 × 10 ⁻⁸	5.6 × 10 ⁻⁴	4.6 × 10 ⁻³	3.0 × 10 ⁻⁵	2.0 × 10 ⁻⁵
RF	RF-TT0821	247.6	3.1 × 10 ²	---	---	---	2.6 × 10 ⁻³	5.7 × 10 ¹	1.4 × 10 ³	3.3 × 10 ²	3.6 × 10 ³	3.4 × 10 ⁻²	---	---	5.6 × 10 ⁻¹¹	1.8 × 10 ⁻⁵	3.5 × 10 ⁻¹⁴	1.1 × 10 ⁻⁷	1.7 × 10 ⁻¹	5.8 × 10 ⁻³	1.2 × 10 ⁻⁴	1.5 × 10 ⁻⁴
RF	RF-TT0822	259.5	3.7 × 10 ²	---	---	---	3.8 × 10 ⁻³	4.4 × 10 ¹	1.1 × 10 ³	2.5 × 10 ²	3.2 × 10 ³	3.1 × 10 ⁻²	---	---	8.4 × 10 ⁻¹¹	2.0 × 10 ⁻⁵	2.6 × 10 ⁻¹⁴	1.6 × 10 ⁻⁷	1.8 × 10 ⁻¹	5.9 × 10 ⁻³	8.7 × 10 ⁻⁵	5.9 × 10 ⁻⁴
RF	RF-TT0823	0.2	7.3 × 10 ⁻¹	---	---	---	6.4 × 10 ⁻⁶	8.6 × 10 ⁻²	2.0 × 10 ⁰	4.6 × 10 ⁻¹	6.6 × 10 ⁰	5.8 × 10 ⁻⁵	---	---	1.3 × 10 ⁻¹³	7.0 × 10 ⁻¹⁰	4.9 × 10 ⁻¹⁷	2.6 × 10 ⁻¹⁰	8.0 × 10 ⁻⁶	6.8 × 10 ⁻⁶	1.6 × 10 ⁻⁷	7.9 × 10 ⁻⁶
RF	RF-TT0824	1236.4	6.8 × 10 ²	---	---	---	6.8 × 10 ⁻³	1.2 × 10 ²	2.9 × 10 ³	6.7 × 10 ²	9.0 × 10 ³	8.0 × 10 ⁻²	---	---	1.5 × 10 ⁻¹⁰	7.0 × 10 ⁻⁶	7.0 × 10 ⁻¹⁴	2.9 × 10 ⁻⁷	6.7 × 10 ⁻²	3.0 × 10 ⁻³	2.4 × 10 ⁻⁴	4.2 × 10 ⁻³
RF	RF-TT0825	633.5	6.2 × 10 ²	---	---	---	8.0 × 10 ⁻³	8.7 × 10 ¹	2.2 × 10 ³	5.0 × 10 ²	6.0 × 10 ³	5.6 × 10 ⁻²	---	---	1.9 × 10 ⁻¹⁰	8.9 × 10 ⁻⁶	5.3 × 10 ⁻¹⁴	3.6 × 10 ⁻⁷	8.4 × 10 ⁻²	2.7 × 10 ⁻³	1.8 × 10 ⁻⁴	1.8 × 10 ⁻³
RF	RF-TT0832	211.8	4.8 × 10 ²	---	---	---	4.2 × 10 ⁻³	5.2 × 10 ¹	1.3 × 10 ³	2.9 × 10 ²	3.8 × 10 ³	3.6 × 10 ⁻²	---	---	8.9 × 10 ⁻¹¹	4.0 × 10 ⁻⁶	3.1 × 10 ⁻¹⁴	1.7 × 10 ⁻⁷	3.8 × 10 ⁻²	1.2 × 10 ⁻³	1.0 × 10 ⁻⁴	1.2 × 10 ⁻³
RF	RF-TT0854	2.8	9.4 × 10 ⁻²	---	---	---	2.0 × 10 ⁻⁷	4.7 × 10 ⁻²	1.1 × 10 ⁰	2.5 × 10 ⁻¹	3.6 × 10 ⁰	3.2 × 10 ⁻⁵	---	---	1.1 × 10 ⁻¹⁵	8.1 × 10 ⁻⁸	2.7 × 10 ⁻¹⁷	3.6 × 10 ⁻¹²	7.5 × 10 ⁻⁴	8.6 × 10 ⁻⁵	9.0 × 10 ⁻⁸	6.7 × 10 ⁻³
RF	RF-TT0886	0.2	1.3 × 10 ⁻²	---	---	---	2.8 × 10 ⁻⁸	6.7 × 10 ⁻³	1.6 × 10 ⁻¹	3.6 × 10 ⁻²	5.1 × 10 ⁻¹	4.5 × 10 ⁻⁶	---	---	1.5 × 10 ⁻¹⁶	1.3 × 10 ⁻¹¹	3.8 × 10 ⁻¹⁸	5.2 × 10 ⁻¹³	2.4 × 10			

Table DATA-F-E-1. Scaled Volume and Activities of Selected Radionuclides for CH-TRU Waste Streams¹ — Continued

Site	Waste Stream ID#	Scaled Volume (m ³)	Scaled Total Curies of Each Radionuclide For Each Waste Stream																				
			²⁴¹ Am	²⁴³ Am	²⁴⁴ Cm	¹³⁷ Cs	²³⁷ Np	²³⁸ Pu	²³⁹ Pu	²⁴⁰ Pu	²⁴¹ Pu	²⁴² Pu	²⁴⁴ Pu	⁹⁰ Sr	²²⁹ Th	²³⁰ Th	²³² Th	²³³ U	²³⁴ U	²³⁵ U	²³⁶ U	²³⁸ U	
RF	RF-TT393R	12.5	5.6 × 10 ¹	---	---	---	2.0 × 10 ⁻⁴	1.3 × 10 ¹	4.2 × 10 ²	9.7 × 10 ¹	6.7 × 10 ²	6.1 × 10 ⁻³	---	---	2.1 × 10 ⁻¹²	4.5 × 10 ⁻⁸	1.0 × 10 ⁻¹⁴	5.3 × 10 ⁹	6.5 × 10 ⁻⁴	1.1 × 10 ⁻⁵	3.4 × 10 ⁻⁵	4.9 × 10 ⁻⁸	
RF	RF-TT394P	0.6	8.1 × 10 ⁰	---	---	---	8.5 × 10 ⁻⁵	8.3 × 10 ¹	3.3 × 10 ¹	6.9 × 10 ⁰	4.8 × 10 ¹	3.7 × 10 ⁻⁴	---	---	1.9 × 10 ⁻¹²	2.4 × 10 ⁹	7.3 × 10 ⁻¹⁶	3.6 × 10 ⁹	3.7 × 10 ⁻⁵	6.2 × 10 ⁻⁷	2.5 × 10 ⁻⁶	2.0 × 10 ⁻⁹	
RF	RF-TT395P	0.8	1.1 × 10 ¹	---	---	---	1.1 × 10 ⁻⁴	1.1 × 10 ⁰	4.4 × 10 ¹	9.2 × 10 ⁰	6.5 × 10 ¹	4.9 × 10 ⁻⁴	---	---	2.5 × 10 ⁻¹²	3.2 × 10 ⁹	9.7 × 10 ⁻¹⁶	4.8 × 10 ⁹	4.9 × 10 ⁻⁵	8.2 × 10 ⁻⁷	3.3 × 10 ⁻⁶	2.7 × 10 ⁻⁹	
RF	RF-TT396P	0.2	2.7 × 10 ⁰	---	---	---	2.8 × 10 ⁻⁵	2.8 × 10 ¹	1.1 × 10 ¹	2.3 × 10 ⁰	1.6 × 10 ¹	1.2 × 10 ⁻⁴	---	---	6.3 × 10 ⁻¹³	8.0 × 10 ¹⁰	2.4 × 10 ⁻¹⁶	1.2 × 10 ⁹	1.2 × 10 ⁻⁵	2.1 × 10 ⁻⁷	8.2 × 10 ⁻⁷	6.8 × 10 ⁻¹⁰	
RF	RF-TT398P	43.1	2.3 × 10 ²	---	---	---	7.7 × 10 ⁻⁴	4.8 × 10 ¹	1.7 × 10 ³	3.9 × 10 ²	2.6 × 10 ³	2.3 × 10 ⁻²	---	---	6.9 × 10 ⁻¹²	9.5 × 10 ⁸	4.1 × 10 ⁻¹⁴	1.9 × 10 ⁸	1.7 × 10 ⁻³	2.1 × 10 ⁻⁵	1.4 × 10 ⁻⁴	2.6 × 10 ⁻⁹	
RF	RF-TT398R	69.8	2.4 × 10 ³	---	---	---	3.1 × 10 ⁻²	8.9 × 10 ¹	2.8 × 10 ³	6.3 × 10 ²	5.1 × 10 ³	4.8 × 10 ⁻²	---	---	7.1 × 10 ⁻¹⁰	1.7 × 10 ⁻⁷	6.6 × 10 ⁻¹⁴	1.3 × 10 ⁶	3.2 × 10 ⁻³	3.3 × 10 ⁻⁵	2.2 × 10 ⁻⁴	8.6 × 10 ⁻¹¹	
RF	RF-TT411R	7.7	8.3 × 10 ¹	---	---	---	3.1 × 10 ⁻⁴	8.0 × 10 ⁰	3.2 × 10 ²	7.1 × 10 ¹	3.6 × 10 ²	5.6 × 10 ⁻³	---	---	2.9 × 10 ⁻¹²	1.8 × 10 ⁸	7.5 × 10 ⁻¹⁵	7.8 × 10 ⁹	3.1 × 10 ⁻⁴	4.5 × 10 ⁻⁶	2.5 × 10 ⁻⁵	6.7 × 10 ⁻⁹	
RF	RF-TT429R	2.1	2.0 × 10 ²	---	---	---	1.8 × 10 ⁻³	1.7 × 10 ⁰	7.3 × 10 ¹	1.6 × 10 ¹	6.2 × 10 ¹	8.2 × 10 ⁻⁴	---	---	3.8 × 10 ⁻¹¹	3.4 × 10 ⁹	1.7 × 10 ⁻¹⁵	7.5 × 10 ⁸	6.1 × 10 ⁻⁵	8.6 × 10 ⁻⁷	5.8 × 10 ⁻⁶	1.5 × 10 ⁻¹²	
RF	RF-TT433X	0.6	6.2 × 10 ¹	---	---	---	2.4 × 10 ⁻⁴	4.8 × 10 ¹	2.1 × 10 ¹	4.2 × 10 ⁰	2.5 × 10 ¹	2.0 × 10 ⁻⁴	---	---	2.4 × 10 ⁻¹²	9.3 × 10 ¹⁰	4.4 × 10 ⁻¹⁶	6.3 × 10 ⁹	1.7 × 10 ⁻⁵	2.5 × 10 ⁻⁷	1.5 × 10 ⁻⁶	3.7 × 10 ⁻¹³	
RF	RF-TT436R	7.1	4.4 × 10 ²	---	---	---	4.9 × 10 ⁻³	6.9 × 10 ⁰	2.7 × 10 ²	6.2 × 10 ¹	4.8 × 10 ²	3.9 × 10 ⁻³	---	---	1.1 × 10 ⁻¹⁰	1.3 × 10 ⁸	6.6 × 10 ⁻¹⁵	2.1 × 10 ⁷	2.5 × 10 ⁻⁴	3.3 × 10 ⁻⁶	2.2 × 10 ⁻⁵	7.1 × 10 ⁻¹²	
RF	RF-TT454X	0.4	2.6 × 10 ¹	---	---	---	2.9 × 10 ⁻⁴	4.1 × 10 ¹	1.6 × 10 ¹	3.7 × 10 ⁰	2.8 × 10 ¹	2.3 × 10 ⁻⁴	---	---	6.4 × 10 ⁻¹²	7.9 × 10 ¹⁰	3.9 × 10 ⁻¹⁶	1.2 × 10 ⁸	1.4 × 10 ⁻⁵	1.9 × 10 ⁻⁷	1.3 × 10 ⁻⁶	4.2 × 10 ⁻¹³	
RL	RL-T101	567.9	---	---	---	2.5 × 10 ¹	---	2.5 × 10 ¹	8.7 × 10 ²	2.0 × 10 ²	4.0 × 10 ³	1.2 × 10 ⁻²	---	2.3 × 10 ¹	---	---	---	---	2.0 × 10 ⁻¹⁰	8.9 × 10 ⁻¹²	---	1.9 × 10 ⁻¹⁰	
RL	RL-T102	200.1	---	---	---	1.2 × 10 ⁻¹	---	3.1 × 10 ⁻⁴	1.1 × 10 ⁻²	2.5 × 10 ⁻³	5.0 × 10 ⁻²	1.5 × 10 ⁻⁷	---	1.1 × 10 ⁻¹	---	---	---	---	1.1 × 10 ⁻⁶	5.1 × 10 ⁻⁸	---	1.1 × 10 ⁻⁶	
RL	RL-T103	99.6	5.0 × 10 ¹	---	---	2.9 × 10 ⁻¹	---	3.0 × 10 ¹	3.8 × 10 ²	8.5 × 10 ¹	2.1 × 10 ³	4.9 × 10 ⁻³	---	2.7 × 10 ⁻¹	---	---	---	---	---	---	---	---	
RL	RL-T104	5.0	---	---	---	4.3 × 10 ⁻⁴	---	4.5 × 10 ⁻⁴	1.6 × 10 ⁻²	3.6 × 10 ⁻³	7.2 × 10 ⁻²	2.2 × 10 ⁻⁷	---	4.0 × 10 ⁻⁴	---	---	---	---	3.3 × 10 ⁻⁸	1.5 × 10 ⁻⁹	---	3.2 × 10 ⁻⁸	
RL	RL-T105	80.4	1.4 × 10 ²	---	---	3.9 × 10 ⁻²	---	1.7 × 10 ¹	6.0 × 10 ⁰	1.4 × 10 ⁰	2.7 × 10 ¹	8.1 × 10 ⁻⁵	---	3.6 × 10 ⁻²	---	---	---	9.4 × 10 ⁻¹	4.5 × 10 ⁻⁵	4.6 × 10 ⁻⁶	---	5.0 × 10 ⁻⁸	
RL	RL-T106	8.1	---	---	---	7.1 × 10 ⁻⁴	---	1.7 × 10 ⁻¹	5.9 × 10 ⁰	1.3 × 10 ⁰	2.7 × 10 ¹	8.0 × 10 ⁻⁵	---	6.6 × 10 ⁻⁴	---	---	---	---	---	---	---	---	
RL	RL-T107	6156.1	3.9 × 10 ⁰	---	---	3.7 × 10 ¹	---	9.7 × 10 ⁴	1.6 × 10 ⁴	3.6 × 10 ³	7.3 × 10 ⁴	2.2 × 10 ⁻¹	---	3.5 × 10 ¹	---	---	6.2 × 10 ⁻⁵	4.2 × 10 ⁻¹	8.4 × 10 ⁻¹	1.9 × 10 ⁻²	---	3.5 × 10 ⁻¹	
RL	RL-T108	192.6	---	---	---	2.0 × 10 ⁻²	---	1.7 × 10 ¹	9.3 × 10 ⁰	2.1 × 10 ⁰	4.2 × 10 ¹	1.3 × 10 ⁻⁴	---	1.8 × 10 ⁻²	---	---	---	---	2.9 × 10 ⁻⁵	1.3 × 10 ⁻⁶	---	2.9 × 10 ⁻⁵	
RL	RL-T109	19.7	7.3 × 10 ⁻²	---	---	1.1 × 10 ⁻²	---	3.5 × 10 ⁻¹	1.2 × 10 ¹	2.8 × 10 ⁰	5.6 × 10 ¹	1.7 × 10 ⁻⁴	---	9.9 × 10 ⁻³	---	---	---	1.1 × 10 ⁻¹	2.3 × 10 ⁻²	3.1 × 10 ⁻⁴	---	7.9 × 10 ⁻³	
RL	RL-T110	494.0	2.8 × 10 ⁰	---	---	5.2 × 10 ⁰	---	6.6 × 10 ¹	1.4 × 10 ³	3.2 × 10 ²	6.4 × 10 ³	1.9 × 10 ⁻²	---	4.8 × 10 ⁰	---	---	2.6 × 10 ⁻³	1.1 × 10 ⁻¹	1.4 × 10 ⁰	6.6 × 10 ⁻²	---	1.9 × 10 ⁻¹	
RL	RL-T112	137.7	6.1 × 10 ¹	---	---	1.2 × 10 ⁻¹	---	2.8 × 10 ¹	1.9 × 10 ²	4.2 × 10 ¹	8.5 × 10 ²	2.5 × 10 ⁻³	---	1.1 × 10 ⁻¹	---	---	2.7 × 10 ⁻⁴	7.9 × 10 ⁻³	7.4 × 10 ⁻¹	5.1 × 10 ⁻²	---	3.2 × 10 ⁻²	
RL	RL-T113	42.8	---	---	---	8.6 × 10 ⁻³	---	5.4 × 10 ⁻²	6.2 × 10 ⁻¹	1.4 × 10 ⁻¹	2.8 × 10 ⁰	8.3 × 10 ⁻⁶	---	8.1 × 10 ⁻³	---	---	---	---	---	---	---	---	
RL	RL-T114	19.6	---	---	---	5.1 × 10 ⁻²	---	2.6 × 10 ⁰	9.4 × 10 ¹	2.1 × 10 ¹	4.2 × 10 ²	1.3 × 10 ⁻³	---	4.8 × 10 ⁻²	---	---	---	---	---	---	---	---	
RL	RL-T115	1025.4	1.6 × 10 ²	---	---	1.9 × 10 ⁻¹	---	8.5 × 10 ¹	1.2 × 10 ³	2.8 × 10 ²	6.2 × 10 ³	1.7 × 10 ⁻²	---	1.8 × 10 ⁻¹	---	---	4.5 × 10 ⁻⁵	---	4.1 × 10 ⁻¹	1.2 × 10 ⁻³	---	4.6 × 10 ⁻²	
RL	RL-T116	11.0	---	---	---	1.0 × 10 ¹	---	4.3 × 10 ⁰	1.5 × 10 ²	3.4 × 10 ¹	7.0 × 10 ²	2.1 × 10 ⁻³	---	9.7 × 10 ⁰	---	---	3.5 × 10 ⁻²	4.7 × 10 ¹	5.6 × 10 ⁻²	5.8 × 10 ⁻³	---	6.2 × 10 ⁻⁵	
RL	RL-T118	262.0	3.8 × 10 ¹	---	---	4.0 × 10 ⁻¹	---	3.4 × 10 ¹	1.5 × 10 ²	3.4 × 10 ¹	6.9 × 10 ²	2.1 × 10 ⁻³	---	3.7 × 10 ⁻¹	---	---	3.3 × 10 ⁻³	2.5 × 10 ⁻²	8.3 × 10 ⁻¹	1.7 × 10 ⁻²	---	1.6 × 10 ⁻¹	
RL	RL-T120	133.8	6.6 × 10 ⁰	---	---	7.2 × 10 ⁻²	---	3.6 × 10 ⁰	4.5 × 10 ¹	1.0 × 10 ¹	2.4 × 10 ²	6.0 × 10 ⁻⁴	---	6.6 × 10 ⁻²	---	---	---	---	5.6 × 10 ⁻⁷	2.5 × 10 ⁻⁸	---	5.5 × 10 ⁻⁷	
RL	RL-T122	29.3	---	---	---	9.0 × 10 ⁰	---	1.5 × 10 ⁻¹	5.4 × 10 ⁰	1.2 × 10 ⁰	2.5 × 10 ¹	7.3 × 10 ⁻⁵	---	8.4 × 10 ⁰	---	---	1.1 × 10 ⁻⁴	---	1.5 × 10 ⁰	1.5 × 10 ⁻¹	---	1.6 × 10 ⁻³	
RL	RL-T123	0.6	---	---	---	---	---	4.5 × 10 ⁻¹	1.6 × 10 ¹	3.6 × 10 ⁰	7.2 × 10 ¹	2.2 × 10 ⁻⁴	---	---	---	---	---	9.0 × 10 ⁻⁶	---	6.0 × 10 ⁻²	6.1 × 10 ⁻³	---	6.6 × 10 ⁻⁵
RL	RL-T125	15.2	1.1 × 10 ²	---	---	1.6 × 10 ⁻³	---	1.1 × 10 ²	3.3 × 10 ²	1.7 × 10 ²	1.1 × 10 ⁴	7.5 × 10 ⁻²	---	1.5 × 10 ⁻³	---	---	2.6 × 10 ⁻³	4.4 × 10 ⁰	---	---	---	---	
RL	RL-T127	283.6	3.2 × 10 ²	---	---	9.1 × 10 ⁻¹	---	2.8 × 10 ¹	1.0 × 10 ³	2.2 × 10 ²	4.5 × 10 ³	1.3 × 10 ⁻²	---	8.5 × 10 ⁻¹	---	---	---	---	8.0 × 10 ⁻²	1.7 × 10 ⁻⁴	---	9.4 × 10 ⁻³	
RL	RL-T128	0.4	7.1 × 10 ⁻¹	---	---	2.1 × 10 ⁻²	---	6.8 × 10 ⁻⁷	2.4 × 10 ⁻⁵	5.4 × 10 ⁻⁶	1.1 × 10 ⁻⁴	3.3 × 10 ⁻¹⁰	---	2.0 × 10 ⁻²	---	---	---	---	---	---	---	---	
RL	RL-T129	28.7	---	---	---	7.5 × 10 ⁻²	---	1.3 × 10 ²	1.4 × 10 ¹	3.0 × 10 ⁰	6.2 × 10 ¹	1.8 × 10 ⁻⁴	---	7.0 × 10 ⁻²	---	---	---	---	7.7 × 10 ⁻³	5.3 × 10 ⁻⁴	---	1.6 × 10 ⁻³	
RL	RL-T130	0.2	---	---	---	8.4 × 10 ⁻²	---	8.2 × 10 ⁻⁴	2.9 × 10 ⁻²	6.5 × 10 ⁻³	1.3 × 10 ⁻¹	3.9 × 10 ⁻⁷	---	7.8 × 10 ⁻²	---	---	---	---	8.3 × 10 ⁻⁵	8.5 × 10 ⁻⁶	---	9.2 × 10 ⁻⁸	
RL	RL-T131	30.2	8.1 × 10 ⁻¹	---	---	8.1 × 10 ⁻⁴	---	4.5 × 10 ⁻¹	5.5 × 10 ⁰	1.2 × 10 ⁰	3.0 × 10 ¹	7.3 × 10 ⁻⁵	---	7.4 × 10 ⁻⁴	---	---	---	---	8.2 × 10 ⁻³	8.4 × 10 ⁻⁴	---	1.7 × 10 ⁻⁵	
RL	RL-T132	28.7	---	---	---	1.2 × 10 ⁻¹	---	7.9 × 10 ¹	2.8 × 10 ³	6.3 × 10 ²	1.3 × 10 ⁴	3.8 × 10 ⁻²	---	1.2 × 10 ⁻¹	---	---	---	---	2.5 × 10 ⁻¹	1.1 × 10 ⁻²	---	2.4 × 10 ⁻¹	
RL	RL-T133	0.2	2.7 × 10 ⁻³	---	---	9.9 × 10 ⁻⁵	---	1.3 × 10 ⁻³	4.6 × 10 ⁻²	1.0 × 10 ⁻²	1.8 × 10 ⁻¹	6.2 × 10 ⁻⁷	---	9.0 × 10 ⁻⁵	---	---	---	---	---	---	---	---	
RL	RL-T134	0.2	---	---	---	7.7 × 10 ⁻¹	---	3.4 × 10 ⁻³	1.2 × 10 ⁻¹	2.7 × 10 ⁻²	5.5 × 10 ⁻¹	1.6 × 10 ⁻⁶	---	7.2 × 10 ⁻¹	---	---	---	---	---	---	---	---	
RL	RL-T135	0.4	---	---	---	9.6 × 10 ⁻⁵	---	1.6 × 10 ⁻²	5.7 × 10 ⁻¹	1.3 × 10 ⁻¹	2.6 × 10 ⁰	7.6 × 10 ⁻⁶	---	9.0 × 10 ⁻⁵	---	---	---	---	---	---	---	---	
RL	RL-T137	151.6	6.3 × 10 ²	---	---	7.9 × 10 ⁻¹	---	3.5 × 10 ²	4.3 × 10 ³	9.6 × 10 ²	2.3 × 10 ⁴	5.7 × 10 ⁻²	---	7.2 × 10 ⁻¹	---	---	---	---	6.2 × 10 ⁻³	2.8 × 10 ⁻⁴	---	6.0 × 10 ⁻³	
RL	RL-T140	138.1	9.9 × 10 ²	---	---	7.2 × 10 ⁻¹	---	3.3 × 10 ²	4.2 × 10 ³	1.0 × 10 ³	2.0 × 10 ⁴	8.8 × 10 ⁻²	---	6.6 × 10 ⁻¹	---	---	---	---	2.6 × 10 ¹	4.9 × 10 ⁻²	---	2.9 × 10 ⁰	
RL	RL-T143	403.7	---	---	---	1.1 × 10 ⁻¹	---	1.9 × 10 ⁰	6.7 × 10 ¹	1.5 × 10 ¹	3.1 × 10 ²												

Table DATA-F-E-1. Scaled Volume and Activities of Selected Radionuclides for CH-TRU Waste Streams¹ — Continued

Site	Waste Stream ID#	Scaled Volume (m ³)	Scaled Total Curies of Each Radionuclide For Each Waste Stream																			
			²⁴¹ Am	²⁴³ Am	²⁴⁴ Cm	¹³⁷ Cs	²³⁷ Np	²³⁸ Pu	²³⁹ Pu	²⁴⁰ Pu	²⁴¹ Pu	²⁴² Pu	²⁴⁴ Pu	⁹⁰ Sr	²²⁹ Th	²³⁰ Th	²³² Th	²³³ U	²³⁴ U	²³⁵ U	²³⁶ U	²³⁸ U
RL	RL-W408	3.8	1.2 × 10 ⁻⁴	---	---	---	---	4.9 × 10 ⁻⁵	1.8 × 10 ⁻³	4.0 × 10 ⁻⁴	6.8 × 10 ⁻³	2.4 × 10 ⁻⁸	---	---	---	---	---	---	---	---	---	---
RL	RL-W415	84.1	2.6 × 10 ⁻³	---	---	---	---	1.1 × 10 ⁻³	3.9 × 10 ⁻²	8.8 × 10 ⁻³	1.5 × 10 ⁻¹	5.3 × 10 ⁻⁷	---	---	---	---	---	---	---	---	---	---
RL	RL-W418	17.3	1.4 × 10 ⁻²	---	---	---	---	4.5 × 10 ⁻³	1.7 × 10 ⁻¹	3.8 × 10 ⁻²	5.6 × 10 ⁻¹	2.3 × 10 ⁻⁶	---	---	---	---	---	---	---	---	---	---
RL	RL-W437	1601.0	1.3 × 10 ²	---	---	---	---	3.8 × 10 ¹	1.4 × 10 ³	3.2 × 10 ²	4.3 × 10 ³	1.9 × 10 ⁻²	---	---	---	---	---	---	---	---	---	---
RL	RL-W438	5.3	1.7 × 10 ⁻⁴	---	---	---	---	6.8 × 10 ⁻⁵	2.5 × 10 ⁻³	5.6 × 10 ⁻⁴	9.5 × 10 ⁻³	3.4 × 10 ⁻⁸	---	---	---	---	---	---	---	---	---	---
RL	RL-W439	12513.9	6.3 × 10 ³	---	---	3.6 × 10 ¹	---	3.7 × 10 ³	4.8 × 10 ⁴	1.1 × 10 ⁴	2.6 × 10 ⁵	6.2 × 10 ⁻¹	---	3.3 × 10 ¹	---	---	---	---	---	---	---	---
RL	RL-W443	1409.4	1.2 × 10 ²	---	---	---	---	3.3 × 10 ¹	1.3 × 10 ³	2.8 × 10 ²	3.8 × 10 ³	1.7 × 10 ⁻²	---	---	---	---	---	---	---	---	---	---
RL	RL-W444	1045.5	8.7 × 10 ¹	---	---	---	---	2.5 × 10 ¹	9.4 × 10 ²	2.1 × 10 ²	2.8 × 10 ³	1.3 × 10 ⁻²	---	---	---	---	---	---	---	---	---	---
RL	RL-W447	9.9	7.1 × 10 ⁻³	---	---	---	---	2.9 × 10 ⁻³	1.1 × 10 ⁻¹	2.4 × 10 ⁻²	4.1 × 10 ⁻¹	1.4 × 10 ⁻⁶	---	---	---	---	---	---	---	---	---	---
RL	RL-W448	1.7	5.2 × 10 ⁻⁵	---	---	---	---	2.1 × 10 ⁻⁵	7.9 × 10 ⁻⁴	1.8 × 10 ⁻⁴	3.0 × 10 ⁻³	1.1 × 10 ⁻⁸	---	---	---	---	---	---	---	---	---	---
RL	RL-W449	1.0	1.3 × 10 ⁰	---	---	---	---	7.9 × 10 ⁻⁴	2.2 × 10 ⁻²	5.0 × 10 ⁻³	5.5 × 10 ⁻²	3.0 × 10 ⁻⁷	---	---	---	---	---	---	---	---	---	---
RL	RL-W450	0.8	7.9 × 10 ⁻⁴	---	---	---	---	3.2 × 10 ⁻⁴	1.2 × 10 ⁻²	2.7 × 10 ⁻³	4.5 × 10 ⁻²	1.6 × 10 ⁻⁷	---	---	---	---	---	---	---	---	---	---
RL	RL-W451	0.4	1.1 × 10 ⁻⁴	---	---	---	---	4.6 × 10 ⁻⁵	1.7 × 10 ⁻³	3.8 × 10 ⁻⁴	6.5 × 10 ⁻³	2.3 × 10 ⁻⁸	---	---	---	---	---	---	---	---	---	---
RL	RL-W452	7.6	6.1 × 10 ⁻³	---	---	---	---	2.0 × 10 ⁻³	7.4 × 10 ⁻²	1.7 × 10 ⁻²	2.5 × 10 ⁻¹	1.0 × 10 ⁻⁶	---	---	---	---	---	---	---	---	---	---
RL	RL-W453	0.2	2.0 × 10 ⁻³	---	---	---	---	5.6 × 10 ⁻⁴	2.1 × 10 ⁻²	4.8 × 10 ⁻³	6.4 × 10 ⁻²	2.9 × 10 ⁻⁷	---	---	---	---	---	---	---	---	---	---
RL	RL-W454	0.2	2.7 × 10 ⁻²	---	---	---	---	7.8 × 10 ⁻³	3.0 × 10 ⁻¹	6.7 × 10 ⁻²	9.0 × 10 ⁻¹	4.0 × 10 ⁻⁶	---	---	---	---	---	---	---	---	---	---
RL	RL-W455	0.2	6.5 × 10 ⁻³	---	---	---	---	2.1 × 10 ⁻³	7.9 × 10 ⁻²	1.8 × 10 ⁻²	2.6 × 10 ⁻¹	1.1 × 10 ⁻⁶	---	---	---	---	---	---	---	---	---	---
RL	RL-W456	9.0	9.4 × 10 ⁻¹	---	---	---	---	2.8 × 10 ⁻¹	1.0 × 10 ¹	2.3 × 10 ⁰	3.2 × 10 ¹	1.4 × 10 ⁻⁴	---	---	---	---	---	---	---	---	---	---
RL	RL-W457	0.6	9.1 × 10 ⁻²	---	---	---	---	2.7 × 10 ⁻²	1.0 × 10 ⁰	2.3 × 10 ⁻¹	3.1 × 10 ⁰	1.4 × 10 ⁻⁵	---	---	---	---	---	---	---	---	---	---
RL	RL-W458	0.2	2.0 × 10 ⁻¹	---	---	1.0 × 10 ⁻⁴	---	1.4 × 10 ⁻¹	4.2 × 10 ⁻¹	2.3 × 10 ⁻¹	1.3 × 10 ¹	8.5 × 10 ⁻⁵	---	9.4 × 10 ⁻⁵	---	---	---	---	---	---	---	---
RL	RL-W459	6.1	1.7 × 10 ⁰	---	---	5.1 × 10 ⁻³	---	1.4 × 10 ⁰	1.0 × 10 ¹	3.2 × 10 ⁰	1.2 × 10 ²	7.2 × 10 ⁻⁴	---	4.7 × 10 ⁻³	---	---	---	---	---	---	---	---
RL	RL-W460	0.2	1.7 × 10 ⁻²	---	---	---	---	5.0 × 10 ⁻³	1.9 × 10 ⁻¹	4.2 × 10 ⁻²	5.7 × 10 ⁻¹	2.6 × 10 ⁻⁶	---	---	---	---	---	---	---	---	---	---
RL	RL-W461	0.4	3.4 × 10 ⁻²	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
RL	RL-W462	0.2	4.1 × 10 ⁻³	---	---	---	---	1.4 × 10 ⁻³	5.3 × 10 ⁻²	1.2 × 10 ⁻²	1.9 × 10 ⁻¹	7.2 × 10 ⁻⁷	---	---	---	---	---	---	---	---	---	---
RL	RL-W463	0.4	2.6 × 10 ⁻²	---	---	---	---	7.3 × 10 ⁻³	2.8 × 10 ⁻¹	6.2 × 10 ⁻²	8.3 × 10 ⁻¹	3.7 × 10 ⁻⁶	---	---	---	---	---	---	---	---	---	---
RL	RL-W464	0.4	1.2 × 10 ⁻²	---	---	---	---	3.4 × 10 ⁻³	1.3 × 10 ⁻¹	2.9 × 10 ⁻²	3.8 × 10 ⁻¹	1.7 × 10 ⁻⁶	---	---	---	---	---	---	---	---	---	---
RL	RL-W465	0.8	7.1 × 10 ⁻²	---	---	---	---	2.3 × 10 ⁻²	8.5 × 10 ⁻¹	1.9 × 10 ⁻¹	2.8 × 10 ⁰	1.1 × 10 ⁻⁵	---	---	---	---	---	---	---	---	---	---
RL	RL-W466	14.1	1.0 × 10 ⁰	---	---	---	---	3.1 × 10 ⁻¹	1.2 × 10 ¹	2.6 × 10 ⁰	3.7 × 10 ¹	1.6 × 10 ⁻⁴	---	---	---	---	---	---	---	---	---	---
RL	RL-W467	1.3	4.7 × 10 ⁻²	---	---	---	---	1.6 × 10 ⁻²	6.0 × 10 ⁻¹	1.3 × 10 ⁻¹	2.0 × 10 ⁰	8.0 × 10 ⁻⁶	---	---	---	---	---	---	---	---	---	---
RL	RL-W468	0.2	2.4 × 10 ⁻⁴	---	---	---	---	8.2 × 10 ⁻⁵	3.0 × 10 ⁻³	6.8 × 10 ⁻⁴	1.1 × 10 ⁻²	4.1 × 10 ⁻⁸	---	---	---	---	---	---	---	---	---	---
RL	RL-W469	1.3	1.1 × 10 ⁻¹	---	---	---	---	3.3 × 10 ⁻²	1.2 × 10 ⁰	2.8 × 10 ⁻¹	3.9 × 10 ⁰	1.7 × 10 ⁻⁵	---	---	---	---	---	---	---	---	---	---
RL	RL-W470	0.2	1.5 × 10 ⁰	---	---	2.2 × 10 ⁻⁵	---	1.5 × 10 ⁰	4.6 × 10 ⁰	2.4 × 10 ⁰	1.6 × 10 ²	1.0 × 10 ⁻³	---	2.0 × 10 ⁻⁵	---	---	---	---	---	---	---	---
RL	RL-W474	1.9	2.6 × 10 ⁻¹	---	---	---	---	1.7 × 10 ⁻¹	1.1 × 10 ⁻²	9.0 × 10 ⁻³	---	6.7 × 10 ⁻⁹	---	---	---	---	---	---	---	---	---	---
RL	RL-W476	4.8	2.0 × 10 ⁻¹	---	---	8.9 × 10 ⁻²	---	6.1 × 10 ⁻²	2.3 × 10 ⁰	5.2 × 10 ⁻¹	7.1 × 10 ⁰	3.1 × 10 ⁻⁵	---	8.0 × 10 ⁻²	---	---	---	---	---	---	---	---
RL	RL-W480	0.4	3.0 × 10 ⁻²	---	---	---	---	9.7 × 10 ⁻³	3.7 × 10 ⁻¹	8.2 × 10 ⁻²	1.2 × 10 ⁰	4.9 × 10 ⁻⁶	---	---	---	---	---	---	---	---	---	---
RL	RL-W481	0.6	4.7 × 10 ⁻²	---	---	---	---	1.5 × 10 ⁻²	5.7 × 10 ⁻¹	1.3 × 10 ⁻¹	1.9 × 10 ⁰	7.7 × 10 ⁻⁶	---	---	---	---	---	---	---	---	---	---
RL	RL-W482	2.5	6.3 × 10 ¹	---	---	---	---	5.1 × 10 ⁰	7.3 × 10 ⁻²	1.4 × 10 ⁻¹	2.5 × 10 ³	9.1 × 10 ⁻⁷	---	---	---	---	---	---	---	---	---	---
RL	RL-W483	1.0	4.7 × 10 ⁰	---	---	---	---	4.0 × 10 ⁻¹	4.7 × 10 ⁻³	9.7 × 10 ⁻³	1.9 × 10 ²	2.4 × 10 ⁻⁸	---	---	---	---	---	---	---	---	---	---
RL	RL-W484	0.8	4.2 × 10 ⁻²	---	---	5.5 × 10 ⁻¹	---	3.2 × 10 ⁻³	6.6 × 10 ⁻²	1.6 × 10 ⁻²	1.6 × 10 ⁻¹	8.4 × 10 ⁻⁷	---	5.0 × 10 ⁻¹	---	---	---	---	---	---	---	---
RL	RL-W485	0.2	2.8 × 10 ⁻³	---	---	---	---	4.5 × 10 ⁻⁴	7.1 × 10 ⁻³	1.7 × 10 ⁻³	---	---	---	---	---	---	---	---	---	---	---	---
RL	RL-W486	0.2	1.2 × 10 ⁻³	---	---	---	---	1.9 × 10 ⁻⁴	3.0 × 10 ⁻³	7.2 × 10 ⁻⁴	---	---	---	---	---	---	---	---	---	---	---	---
RL	RL-W487	0.2	1.4 × 10 ⁻¹	---	---	---	---	2.4 × 10 ⁻²	4.3 × 10 ⁻¹	1.2 × 10 ⁻¹	1.5 × 10 ⁰	1.0 × 10 ⁻⁵	---	---	---	---	---	---	---	---	---	---
RL	RL-W488	0.2	---	---	---	1.4 × 10 ⁻³	---	---	---	---	---	---	---	1.3 × 10 ⁻³	---	---	---	---	---	---	---	---
RL	RL-W489	0.2	3.5 × 10 ⁻²	---	---	1.2 × 10 ⁻³	---	2.3 × 10 ⁻²	5.6 × 10 ⁻¹	1.3 × 10 ⁻¹	2.3 × 10 ⁰	5.7 × 10 ⁻⁶	---	1.1 × 10 ⁻³	---	---	---	---	---	---	---	---
RL	RL-W490	1.9	---	---	---	7.2 × 10 ⁻⁵	---	---	---	---	---	---	---	6.6 × 10 ⁻⁵	---	---	---	---	---	---	---	---

Table DATA-F-E-1. Scaled Volume and Activities of Selected Radionuclides for CH-TRU Waste Streams¹ — Continued

Site	Waste Stream ID#	Scaled Volume (m ³)	Scaled Total Curies of Each Radionuclide For Each Waste Stream																				
			²⁴¹ Am	²⁴³ Am	²⁴⁴ Cm	¹³⁷ Cs	²³⁷ Np	²³⁸ Pu	²³⁹ Pu	²⁴⁰ Pu	²⁴¹ Pu	²⁴² Pu	²⁴⁴ Pu	⁹⁰ Sr	²²⁹ Th	²³⁰ Th	²³² Th	²³³ U	²³⁴ U	²³⁵ U	²³⁶ U	²³⁸ U	
RL	RL-W491	0.2	1.4 × 10 ⁻²	---	---	1.0 × 10 ⁻³	---	1.9 × 10 ⁻²	5.9 × 10 ⁻²	1.3 × 10 ⁻²	8.5 × 10 ⁻¹	2.7 × 10 ⁻⁶	---	9.1 × 10 ⁻⁴	---	---	---	---	---	---	---	---	
RL	RL-W492	0.2	8.0 × 10 ⁻⁴	---	---	1.0 × 10 ⁻⁴	---	4.8 × 10 ⁻⁴	1.2 × 10 ⁻²	2.7 × 10 ⁻³	4.9 × 10 ⁻²	1.2 × 10 ⁻⁷	---	9.1 × 10 ⁻⁵	---	---	---	---	---	---	---	---	
RL	RL-W493	0.2	---	---	---	1.4 × 10 ⁻³	---	---	---	---	---	---	---	1.3 × 10 ⁻³	---	---	---	---	---	---	---	---	
RL	RL-W494	77.5	3.1 × 10 ¹	---	---	---	---	2.8 × 10 ¹	3.0 × 10 ¹	2.5 × 10 ¹	2.0 × 10 ¹	2.3 × 10 ⁶	---	---	---	---	---	---	---	---	---	---	
RL	RL-W495	0.4	5.5 × 10 ⁻¹	---	---	---	---	7.5 × 10 ⁻²	2.8 × 10 ⁻³	2.3 × 10 ⁻³	3.6 × 10 ¹	6.9 × 10 ⁻¹⁰	---	---	---	---	---	---	---	---	---	---	
RL	RL-W496	0.2	3.6 × 10 ⁰	---	---	---	---	8.7 × 10 ⁻¹	9.3 × 10 ⁻³	7.5 × 10 ⁻³	2.3 × 10 ²	3.2 × 10 ⁹	---	---	---	---	---	---	---	---	---	---	
RL	RL-W497	0.2	2.7 × 10 ⁻¹	---	---	---	---	1.7 × 10 ⁻¹	5.6 × 10 ⁻¹	2.5 × 10 ⁻¹	6.1 × 10 ⁰	4.7 × 10 ⁻⁴	---	---	---	---	---	---	---	---	---	---	
RL	RL-W498	713.8	7.9 × 10 ⁻¹	---	---	---	---	2.5 × 10 ⁻¹	9.5 × 10 ⁰	2.1 × 10 ⁰	3.2 × 10 ¹	1.3 × 10 ⁻⁴	---	---	---	---	---	---	---	---	---	---	
RL	RL-W499	0.2	7.1 × 10 ⁻⁶	---	---	---	---	2.3 × 10 ⁻⁶	8.6 × 10 ⁻⁵	1.9 × 10 ⁻⁵	2.8 × 10 ⁻⁴	1.2 × 10 ⁻⁹	---	---	---	---	---	---	---	---	---	---	
RL	RL-W500	0.2	5.1 × 10 ⁻⁴	---	---	---	---	2.8 × 10 ⁻⁴	3.5 × 10 ⁻³	7.8 × 10 ⁻⁴	2.0 × 10 ⁻²	4.6 × 10 ⁻⁸	---	---	---	---	---	---	---	---	---	---	
RL	RL-W501	54.4	3.7 × 10 ¹	---	---	---	---	6.3 × 10 ⁰	1.1 × 10 ²	3.1 × 10 ¹	3.8 × 10 ²	2.7 × 10 ⁻³	---	---	---	---	---	---	---	---	---	---	
RL	RL-W502	3.1	3.8 × 10 ⁻³	---	---	---	---	1.2 × 10 ⁻³	4.6 × 10 ⁻²	1.0 × 10 ⁻²	1.5 × 10 ⁻¹	6.2 × 10 ⁻⁷	---	---	---	---	---	---	---	---	---	---	
RL	RL-W503	0.4	2.1 × 10 ⁻¹	---	---	1.2 × 10 ⁻³	---	1.3 × 10 ⁻¹	1.6 × 10 ⁰	3.6 × 10 ⁻¹	8.9 × 10 ⁰	2.1 × 10 ⁻⁵	---	1.1 × 10 ⁻³	---	---	---	---	---	---	---	---	
RL	RL-W504	0.2	1.4 × 10 ⁻¹	---	---	---	---	2.4 × 10 ⁻²	4.3 × 10 ⁻¹	1.2 × 10 ⁻¹	1.5 × 10 ⁰	1.0 × 10 ⁻⁵	---	---	---	---	---	---	---	---	---	---	
RL	RL-W505	0.2	2.7 × 10 ⁻³	---	---	1.0 × 10 ⁻⁴	---	1.3 × 10 ⁻³	4.7 × 10 ⁻²	1.0 × 10 ⁻²	1.8 × 10 ⁻¹	6.3 × 10 ⁻⁷	---	9.1 × 10 ⁻⁵	---	---	---	---	---	---	---	---	
RL	RL-W506	0.6	1.4 × 10 ⁻³	---	---	---	---	5.0 × 10 ⁻⁴	1.5 × 10 ⁻²	3.4 × 10 ⁻³	5.4 × 10 ⁻²	2.1 × 10 ⁻⁷	---	---	---	---	---	---	---	---	---	---	
RL	RL-W507	0.6	1.4 × 10 ⁻⁴	---	---	---	---	4.4 × 10 ⁻⁵	1.6 × 10 ⁻³	3.7 × 10 ⁻⁴	5.5 × 10 ⁻³	2.2 × 10 ⁻⁸	---	---	---	---	---	---	---	---	---	---	
RL	RL-W508	0.6	2.6 × 10 ⁰	---	---	3.3 × 10 ⁻³	---	1.4 × 10 ⁰	1.8 × 10 ¹	4.0 × 10 ⁰	9.7 × 10 ¹	2.4 × 10 ⁻⁴	---	3.0 × 10 ⁻³	---	---	---	---	---	---	---	---	
RL	RL-W509	4.8	3.5 × 10 ¹	---	---	2.5 × 10 ⁻²	---	1.2 × 10 ¹	1.5 × 10 ²	3.6 × 10 ¹	6.9 × 10 ²	3.1 × 10 ⁻³	---	2.3 × 10 ⁻²	---	---	---	---	---	---	---	---	
RL	RL-W510	3.4	2.1 × 10 ⁰	---	---	---	---	1.2 × 10 ⁰	1.4 × 10 ¹	3.2 × 10 ⁰	8.3 × 10 ¹	1.9 × 10 ⁻⁴	---	---	---	---	---	---	---	---	---	---	
RL	RL-W511	52.9	3.5 × 10 ²	---	---	---	---	5.7 × 10 ¹	1.9 × 10 ³	4.3 × 10 ²	4.5 × 10 ³	4.7 × 10 ⁻²	---	---	---	---	---	---	---	3.4 × 10 ⁻⁴	1.2 × 10 ⁻⁴	1.4 × 10 ⁻⁵	9.8 × 10 ⁻⁷
RL	RL-W512	31.3	3.6 × 10 ²	---	---	---	---	3.8 × 10 ¹	1.2 × 10 ³	2.9 × 10 ²	2.3 × 10 ³	2.6 × 10 ⁻²	---	---	---	---	---	---	---	---	---	---	---
RL	RL-W513	8793.8	3.4 × 10 ⁴	---	---	---	---	1.6 × 10 ⁴	1.9 × 10 ⁴	9.5 × 10 ³	3.7 × 10 ⁵	6.1 × 10 ⁰	---	---	---	---	---	---	---	---	---	---	---
RL	RL-W514	0.4	5.9 × 10 ⁻⁴	---	---	---	---	1.8 × 10 ⁻⁴	6.8 × 10 ⁻³	1.5 × 10 ⁻³	2.1 × 10 ⁻²	9.1 × 10 ⁻⁸	---	---	---	---	---	---	---	---	---	---	---
RL	RL-W515	8.0	2.2 × 10 ⁻²	---	---	---	---	7.0 × 10 ⁻³	2.6 × 10 ⁻¹	5.9 × 10 ⁻²	8.7 × 10 ⁻¹	3.6 × 10 ⁻⁶	---	---	---	---	---	---	---	---	---	---	---
RL	RL-W516	26.6	3.0 × 10 ⁻²	---	---	---	---	9.7 × 10 ⁻³	3.7 × 10 ⁻¹	8.2 × 10 ⁻²	1.2 × 10 ⁰	4.9 × 10 ⁻⁶	---	---	---	---	---	---	---	---	---	---	---
RL	RL-W517	0.2	2.5 × 10 ⁻¹⁰	---	---	---	---	8.7 × 10 ⁻¹¹	3.2 × 10 ⁻⁹	7.3 × 10 ⁻¹⁰	1.1 × 10 ⁻⁸	4.4 × 10 ⁻¹⁴	---	---	---	---	---	---	---	---	---	---	---
RL	RL-W518	0.8	9.7 × 10 ⁻¹	---	---	---	---	3.7 × 10 ⁻¹	4.7 × 10 ⁰	1.1 × 10 ⁰	2.4 × 10 ¹	9.5 × 10 ⁻⁵	---	---	---	---	---	---	---	---	---	---	---
RL	RL-W519	1.7	1.5 × 10 ⁻¹	---	---	---	---	4.4 × 10 ⁻²	1.6 × 10 ⁰	3.7 × 10 ⁻¹	5.1 × 10 ⁰	2.2 × 10 ⁻⁵	---	---	---	---	---	---	---	---	---	---	---
RL	RL-W520	0.4	1.3 × 10 ⁻²	---	---	---	---	4.9 × 10 ⁻³	1.8 × 10 ⁻¹	4.1 × 10 ⁻²	6.6 × 10 ⁻¹	2.4 × 10 ⁻⁶	---	---	---	---	---	---	---	---	---	---	---
RL	RL-W521	0.2	2.8 × 10 ⁻⁴	---	---	---	---	9.0 × 10 ⁻⁵	3.4 × 10 ⁻³	7.6 × 10 ⁻⁴	1.1 × 10 ⁻²	4.6 × 10 ⁻⁸	---	---	---	---	---	---	---	---	---	---	---
RL	RL-W522	2.3	8.3 × 10 ⁰	---	---	---	---	3.3 × 10 ⁰	2.2 × 10 ¹	6.4 × 10 ⁰	1.6 × 10 ²	8.6 × 10 ⁻⁴	---	---	---	---	---	---	---	---	---	---	---
RL	RL-W523	0.2	3.1 × 10 ⁰	---	---	---	---	1.3 × 10 ⁰	1.5 × 10 ⁰	9.0 × 10 ⁻¹	3.2 × 10 ¹	6.3 × 10 ⁻⁴	---	---	---	---	---	---	---	---	---	---	---
RL	RL-W524	2.7	1.2 × 10 ¹	---	---	---	---	4.9 × 10 ⁰	1.4 × 10 ¹	5.3 × 10 ⁰	1.5 × 10 ²	1.7 × 10 ⁻³	---	---	---	---	---	---	---	---	---	---	---
RL	RL-W525	0.6	9.6 × 10 ⁻¹	---	---	---	---	3.3 × 10 ⁻¹	1.6 × 10 ⁰	5.4 × 10 ⁻¹	1.2 × 10 ¹	6.1 × 10 ⁻⁵	---	---	---	---	---	---	---	---	---	---	---
RL	RL-W526	14.4	2.2 × 10 ⁰	---	---	2.7 × 10 ⁻³	---	1.2 × 10 ⁰	1.7 × 10 ¹	3.9 × 10 ⁰	8.7 × 10 ¹	2.3 × 10 ⁻⁴	---	2.5 × 10 ⁻³	---	---	---	---	---	---	---	---	---
RL	RL-W527	0.2	2.2 × 10 ⁻¹	---	---	---	---	1.7 × 10 ⁻¹	1.8 × 10 ⁰	4.3 × 10 ⁻¹	1.0 × 10 ¹	3.7 × 10 ⁻⁵	---	---	---	---	---	---	---	---	---	---	---
RL	RL-W528	5.3	2.0 × 10 ²	---	---	---	---	7.3 × 10 ¹	5.8 × 10 ¹	5.6 × 10 ¹	1.6 × 10 ³	7.3 × 10 ⁻²	---	---	---	---	---	---	---	---	---	---	---
RL	RL-W529	1.9	9.4 × 10 ⁻²	---	---	1.0 × 10 ⁻³	---	5.1 × 10 ⁻²	6.4 × 10 ⁻¹	1.4 × 10 ⁻¹	3.4 × 10 ⁰	8.5 × 10 ⁻⁶	---	9.4 × 10 ⁻⁴	---	---	---	---	---	---	---	---	---
RL	RL-W530	0.4	1.1 × 10 ⁰	---	---	---	---	6.0 × 10 ⁻¹	7.3 × 10 ⁰	1.6 × 10 ⁰	4.2 × 10 ¹	9.7 × 10 ⁻⁵	---	---	---	---	---	---	---	---	---	---	---
RL	RL-W531	5.5	1.1 × 10 ²	---	---	---	---	6.0 × 10 ¹	3.2 × 10 ¹	2.3 × 10 ¹	1.1 × 10 ³	2.8 × 10 ⁻²	---	---	---	---	---	---	---	---	---	---	---
RL	RL-W532	30.4	2.0 × 10 ¹	---	---	---	---	6.5 × 10 ²	2.4 × 10 ⁰	5.5 × 10 ⁻¹	8.1 × 10 ⁰	3.3 × 10 ⁻⁵	---	---	---	---	---	---	---	---	---	---	---
RL	RL-W533	3.8	1.0 × 10 ⁻¹	---	---	1.0 × 10 ⁻⁴	---	5.6 × 10 ⁻²	7.0 × 10 ⁻¹	1.6 × 10 ⁻¹	3.7 × 10 ⁰	9.2 × 10 ⁻⁶	---	9.4 × 10 ⁻⁵	---	---	---	---	---	---	---	---	---
RL	RL-W534	0.2	5.6 × 10 ⁻⁶	---	---	---	---	1.8 × 10 ⁻⁶	6.8 × 10 ⁻⁵	1.5 × 10 ⁻⁵	2.3 × 10 ⁻⁴	9.2 × 10 ⁻¹⁰	---	---	---	---	---	---	---	---	---	---	---
RL	RL-W535	23.7	4.6 × 10 ¹	---	---	---	---	1.8 × 10 ¹	8.7 × 10 ¹	2.7 × 10 ¹	6.9 × 10 ²	6.8 × 10 ⁻³	---	---	---	---	---	---	---	---	---	---	---

Table DATA-F-E-1. Scaled Volume and Activities of Selected Radionuclides for CH-TRU Waste Streams¹ — Continued

Site	Waste Stream ID#	Scaled Volume (m ³)	Scaled Total Curies of Each Radionuclide For Each Waste Stream																			
			²⁴¹ Am	²⁴³ Am	²⁴⁴ Cm	¹³⁷ Cs	²³⁷ Np	²³⁸ Pu	²³⁹ Pu	²⁴⁰ Pu	²⁴¹ Pu	²⁴² Pu	²⁴⁴ Pu	⁹⁰ Sr	²²⁹ Th	²³⁰ Th	²³² Th	²³³ U	²³⁴ U	²³⁵ U	²³⁶ U	²³⁸ U
RL	RL-W536	6.5	8.3 × 10 ⁻¹	---	---	---	---	2.4 × 10 ⁻¹	3.0 × 10 ⁰	6.9 × 10 ⁻¹	1.6 × 10 ¹	4.8 × 10 ⁻⁵	---	---	---	---	---	---	3.2 × 10 ⁻⁶	1.4 × 10 ⁻⁶	1.3 × 10 ⁻⁷	9.1 × 10 ⁻⁹
RL	RL-W537	5.0	3.2 × 10 ¹	---	---	---	---	5.4 × 10 ⁰	1.9 × 10 ²	4.1 × 10 ¹	4.4 × 10 ²	3.2 × 10 ⁻³	---	---	---	---	---	---	2.7 × 10 ⁻⁵	9.4 × 10 ⁻⁶	1.1 × 10 ⁻⁶	7.8 × 10 ⁻⁸
RL	RL-W538	1.7	7.1 × 10 ⁻⁵	---	---	---	---	2.3 × 10 ⁻⁵	8.6 × 10 ⁻⁴	1.9 × 10 ⁻⁴	2.9 × 10 ⁻³	1.2 × 10 ⁻⁸	---	---	---	---	---	---	---	---	---	---
RL	RL-W539	0.4	6.9 × 10 ⁻³	---	---	---	---	2.6 × 10 ⁻³	9.6 × 10 ⁻²	2.1 × 10 ⁻²	3.5 × 10 ⁻¹	1.3 × 10 ⁻⁶	---	---	---	---	---	---	---	---	---	---
RL	RL-W540	30.9	2.5 × 10 ¹	---	---	---	---	1.1 × 10 ¹	3.4 × 10 ¹	1.2 × 10 ¹	3.3 × 10 ²	5.7 × 10 ⁻³	---	---	---	---	---	---	---	---	---	---
RL	RL-W541	0.6	2.1 × 10 ⁻²	---	---	---	---	7.5 × 10 ⁻³	2.8 × 10 ⁻¹	6.2 × 10 ⁻²	9.8 × 10 ⁻¹	3.7 × 10 ⁻⁶	---	---	---	---	---	---	---	---	---	---
RL	RL-W542	4.0	1.2 × 10 ⁰	---	---	---	---	5.6 × 10 ⁻¹	7.0 × 10 ⁰	1.6 × 10 ⁰	4.0 × 10 ¹	1.3 × 10 ⁻⁴	---	---	---	---	---	---	---	---	---	---
RL	RL-W543	4.0	3.3 × 10 ⁻³	---	---	---	---	1.1 × 10 ⁻³	4.1 × 10 ⁻²	9.1 × 10 ⁻³	1.3 × 10 ⁻¹	5.5 × 10 ⁻⁷	---	---	---	---	---	---	---	---	---	---
RL	RL-W544	0.2	8.7 × 10 ⁻²	---	---	---	---	4.4 × 10 ⁻²	4.6 × 10 ⁻¹	1.2 × 10 ⁻¹	2.7 × 10 ⁰	9.7 × 10 ⁻⁶	---	---	---	---	---	---	---	---	---	---
RL	RL-W545	3.8	2.0 × 10 ⁻²	---	---	---	---	6.5 × 10 ⁻³	2.4 × 10 ⁻¹	5.4 × 10 ⁻²	8.0 × 10 ⁻¹	3.3 × 10 ⁻⁶	---	---	---	---	---	---	---	---	---	---
RL	RL-W546	0.8	8.8 × 10 ⁻⁴	---	---	---	---	2.8 × 10 ⁻⁴	1.1 × 10 ⁻²	2.4 × 10 ⁻³	3.5 × 10 ⁻²	1.4 × 10 ⁻⁷	---	---	---	---	---	---	---	---	---	---
RL	RL-W547	56.1	2.2 × 10 ⁻⁵	---	---	---	---	7.3 × 10 ⁻⁶	2.7 × 10 ⁻⁴	6.1 × 10 ⁻⁵	9.0 × 10 ⁻⁴	3.7 × 10 ⁻⁹	---	---	---	---	---	---	---	---	---	---
RL	RL-W548	0.4	1.8 × 10 ⁻⁵	---	---	---	---	6.3 × 10 ⁻⁶	2.4 × 10 ⁻⁴	5.3 × 10 ⁻⁵	8.1 × 10 ⁻⁴	3.2 × 10 ⁻⁹	---	---	---	---	---	---	---	---	---	---
RL	RL-W549	4.0	5.7 × 10 ⁰	---	---	---	---	2.5 × 10 ⁰	1.2 × 10 ¹	3.6 × 10 ⁰	1.0 × 10 ²	1.0 × 10 ⁻³	---	---	---	---	---	---	---	---	---	---
RL	RL-W550	4.4	2.8 × 10 ¹	---	---	---	---	4.8 × 10 ⁰	1.6 × 10 ²	3.6 × 10 ¹	3.8 × 10 ²	2.8 × 10 ⁻³	---	---	---	---	---	---	1.9 × 10 ⁻⁵	6.7 × 10 ⁻⁶	7.9 × 10 ⁻⁷	5.5 × 10 ⁻⁸
RL	RL-W551	15.6	6.0 × 10 ¹	---	---	---	---	7.1 × 10 ⁰	1.9 × 10 ²	4.7 × 10 ¹	4.1 × 10 ²	4.5 × 10 ⁻³	---	---	---	---	---	---	---	2.1 × 10 ⁻⁶	---	4.3 × 10 ⁻⁵
RL	RL-W552	0.8	1.1 × 10 ⁻²	---	---	---	---	3.9 × 10 ⁻³	1.5 × 10 ⁻¹	3.3 × 10 ⁻²	5.1 × 10 ⁻¹	2.0 × 10 ⁻⁶	---	---	---	---	---	---	---	---	---	---
RL	RL-W553	0.4	3.2 × 10 ⁻⁴	---	---	1.1 × 10 ⁻¹	---	3.7 × 10 ⁻⁴	1.3 × 10 ⁻²	2.9 × 10 ⁻³	6.5 × 10 ⁻²	1.8 × 10 ⁻⁷	1.0 × 10 ⁻¹	---	---	---	---	---	---	---	---	---
RL	RL-W554	9.5	1.7 × 10 ⁻²	---	---	---	---	5.5 × 10 ⁻³	2.1 × 10 ⁻¹	4.6 × 10 ⁻²	6.8 × 10 ⁻¹	2.8 × 10 ⁻⁶	---	---	---	---	---	---	---	---	---	---
RL	RL-W555	12.0	7.8 × 10 ⁻³	---	---	---	---	2.5 × 10 ⁻³	9.5 × 10 ⁻²	2.1 × 10 ⁻²	3.1 × 10 ⁻¹	1.3 × 10 ⁻⁶	---	---	---	---	---	---	---	---	---	---
RL	RL-W563	0.2	1.2 × 10 ⁻¹	---	---	---	---	6.3 × 10 ⁻²	7.9 × 10 ⁻¹	1.7 × 10 ⁻¹	4.3 × 10 ⁰	1.0 × 10 ⁻⁵	---	---	---	---	---	---	---	---	---	---
RL	RL-W564	1.3	6.1 × 10 ⁻²	---	---	---	---	4.2 × 10 ⁻²	5.1 × 10 ⁻¹	1.1 × 10 ⁻¹	3.3 × 10 ⁰	6.7 × 10 ⁻⁶	---	---	---	---	---	---	---	---	---	---
RL	RL-W565	0.2	6.8 × 10 ⁻³	---	---	---	---	2.4 × 10 ⁻³	8.8 × 10 ⁻²	2.0 × 10 ⁻²	3.0 × 10 ⁻¹	1.2 × 10 ⁻⁶	---	---	---	---	---	---	---	---	---	---
RL	RL-W566	2.3	1.0 × 10 ⁻¹	---	---	---	---	3.5 × 10 ⁻²	1.3 × 10 ⁰	2.9 × 10 ⁻¹	4.3 × 10 ⁰	1.7 × 10 ⁻⁵	---	---	---	---	---	---	---	---	---	---
RL	RL-W567	0.2	4.9 × 10 ⁰	---	---	---	---	8.8 × 10 ⁻¹	4.0 × 10 ²	3.2 × 10 ²	3.7 × 10 ²	3.3 × 10 ⁻⁸	---	---	---	---	---	---	---	---	---	---
RL	RL-W568	3.7	7.6 × 10 ¹	---	---	---	---	1.9 × 10 ¹	1.9 × 10 ⁰	1.5 × 10 ⁰	7.6 × 10 ²	1.2 × 10 ⁻⁶	---	---	---	---	---	---	---	---	---	---
RL	RL-W569	2.1	7.7 × 10 ⁻²	---	---	---	---	1.4 × 10 ⁻²	6.3 × 10 ⁻⁴	5.1 × 10 ⁻⁵	5.8 × 10 ⁰	5.1 × 10 ⁻¹⁰	---	---	---	---	---	---	---	---	---	---
RL	RL-W570	0.4	7.9 × 10 ⁻³	---	---	8.9 × 10 ⁻³	---	2.5 × 10 ⁻³	9.3 × 10 ⁻²	2.1 × 10 ⁻²	2.9 × 10 ⁻¹	1.3 × 10 ⁻⁶	8.1 × 10 ⁻³	---	---	---	---	---	---	---	---	---
RL	RL-W571	12.5	1.7 × 10 ¹	---	---	---	---	8.3 × 10 ⁰	7.6 × 10 ⁰	3.8 × 10 ⁰	1.2 × 10 ²	4.6 × 10 ⁻⁷	---	---	---	---	---	---	---	---	---	---
RL	RL-W572	2.3	1.4 × 10 ⁻²	---	---	---	---	2.5 × 10 ⁻³	4.1 × 10 ⁻³	9.1 × 10 ⁻⁵	1.0 × 10 ⁰	9.1 × 10 ⁻¹¹	---	---	---	---	---	---	---	---	---	---
RL	RL-W573	15.0	1.8 × 10 ²	---	---	---	---	3.2 × 10 ¹	2.2 × 10 ⁰	1.7 × 10 ⁰	1.3 × 10 ⁴	1.5 × 10 ⁻⁶	---	---	---	---	---	---	---	---	---	---
RL	RL-W574	81.9	7.6 × 10 ²	---	---	---	---	1.4 × 10 ²	8.5 × 10 ⁰	6.2 × 10 ⁰	5.8 × 10 ⁴	6.4 × 10 ⁻⁶	---	---	---	---	---	---	---	---	---	---
RL	RL-W575	284.1	5.5 × 10 ³	---	---	---	---	9.3 × 10 ²	8.2 × 10 ¹	5.0 × 10 ¹	3.6 × 10 ⁵	1.1 × 10 ⁻⁴	---	---	---	---	---	---	---	---	---	---
RL	RL-W576	41.1	3.6 × 10 ²	---	---	---	---	6.5 × 10 ¹	4.1 × 10 ⁰	3.0 × 10 ⁰	2.7 × 10 ⁴	2.5 × 10 ⁻⁶	---	---	---	---	---	---	---	---	---	---
RL	RL-W579	0.4	1.1 × 10 ⁻¹	---	---	---	---	1.7 × 10 ⁻³	2.1 × 10 ⁻²	4.7 × 10 ⁻³	9.6 × 10 ⁻²	2.8 × 10 ⁻⁷	---	---	---	---	---	---	---	---	---	---
RL	RL-W580	2.1	---	---	---	3.0 × 10 ⁻⁴	---	---	1.7 × 10 ⁻¹	2.7 × 10 ⁻²	---	---	---	2.7 × 10 ⁻⁴	---	---	---	---	---	---	---	---
RL	RL-W581	0.4	1.2 × 10 ⁰	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
RL	RL-W582	0.2	7.0 × 10 ⁻³	---	---	1.0 × 10 ⁻³	---	1.5 × 10 ⁻³	5.3 × 10 ⁻³	2.8 × 10 ⁻³	1.5 × 10 ⁻²	8.1 × 10 ⁻⁸	9.4 × 10 ⁻⁴	---	---	---	---	---	---	---	---	---
RL	RL-W583	0.2	2.8 × 10 ⁻³	---	---	---	---	7.9 × 10 ⁻⁴	3.0 × 10 ⁻²	6.7 × 10 ⁻³	9.0 × 10 ⁻²	4.1 × 10 ⁻⁷	---	---	---	---	---	---	---	---	---	---
RL	RL-W584	0.2	1.0 × 10 ⁻¹	---	---	2.1 × 10 ⁻⁴	---	5.2 × 10 ⁻²	1.8 × 10 ⁻¹	8.6 × 10 ⁻²	4.5 × 10 ⁻¹	2.5 × 10 ⁻⁶	---	1.9 × 10 ⁻⁴	---	---	---	---	---	---	---	---
RL	RL-W585	0.4	2.2 × 10 ⁻¹	---	---	3.2 × 10 ⁻⁶	---	2.7 × 10 ⁻¹	1.0 × 10 ⁰	5.2 × 10 ⁻¹	1.4 × 10 ¹	1.5 × 10 ⁻⁴	---	3.0 × 10 ⁻⁶	---	---	---	---	---	---	---	---
RL	RL-W586	0.2	4.4 × 10 ⁻⁵	---	---	---	---	1.2 × 10 ⁻⁵	4.7 × 10 ⁻⁴	1.1 × 10 ⁻⁴	1.4 × 10 ⁻³	6.4 × 10 ⁻⁹	---	---	---	---	---	---	---	---	---	---
RL	RL-W587	0.4	8.8 × 10 ⁻⁴	---	---	---	---	2.7 × 10 ⁻⁴	1.0 × 10 ⁻²	2.3 × 10 ⁻³	3.2 × 10 ⁻²	1.4 × 10 ⁻⁷	---	---	---	---	---	---	---	---	---	---
RL	RL-W588	0.2	6.9 × 10 ⁻²	---	---	2.1 × 10 ⁻⁴	---	4.4 × 10 ⁻²	1.5 × 10 ⁻¹	7.3 × 10 ⁻²	3.8 × 10 ⁻¹	2.1 × 10 ⁻⁶	---	1.9 × 10 ⁻⁴	---	---	---	---	---	---	---	---
RL	RL-W589	0.2	---	---	---	3.0 × 10 ⁻⁵	---	---	---	---	---	---	---	2.7 × 10 ⁻⁵	---	---	---	---	---	---	---	---

Table DATA-F-E-1. Scaled Volume and Activities of Selected Radionuclides for CH-TRU Waste Streams¹ — Continued

Site	Waste Stream ID#	Scaled Volume (m ³)	Scaled Total Curies of Each Radionuclide For Each Waste Stream																			
			²⁴¹ Am	²⁴³ Am	²⁴⁴ Cm	¹³⁷ Cs	²³⁷ Np	²³⁸ Pu	²³⁹ Pu	²⁴⁰ Pu	²⁴¹ Pu	²⁴² Pu	²⁴⁴ Pu	⁹⁰ Sr	²²⁹ Th	²³⁰ Th	²³² Th	²³³ U	²³⁴ U	²³⁵ U	²³⁶ U	²³⁸ U
RL	RL-W590	0.6	7.9 × 10 ⁻¹	---	---	---	---	9.3 × 10 ⁻¹	1.1 × 10 ⁻²	2.0 × 10 ⁻²	5.0 × 10 ⁻¹	1.0 × 10 ⁻⁸	---	---	---	---	---	---	---	---	---	
RL	RL-W591	0.2	3.9 × 10 ⁰	---	---	---	---	1.1 × 10 ⁰	1.4 × 10 ⁻²	2.6 × 10 ⁻²	3.0 × 10 ⁻²	1.3 × 10 ⁻⁷	---	---	---	---	---	---	---	---	---	
RL	RL-W592	2.5	2.1 × 10 ¹	---	---	---	---	1.1 × 10 ¹	6.5 × 10 ⁻¹	8.5 × 10 ⁻¹	1.2 × 10 ³	2.8 × 10 ⁻⁷	---	---	---	---	---	---	---	---	---	
RL	RL-W593	0.6	---	---	---	---	---	---	2.4 × 10 ⁻²	4.0 × 10 ⁻²	---	---	---	---	---	---	---	---	---	---	---	
RL	RL-W594	2.5	4.6 × 10 ¹	---	---	---	---	2.1 × 10 ⁰	2.9 × 10 ⁻²	5.4 × 10 ⁻²	3.0 × 10 ²	1.0 × 10 ⁻⁷	---	---	---	---	---	---	---	---	---	
RL	RL-W595	0.6	4.6 × 10 ⁻²	---	---	---	---	2.2 × 10 ⁻¹	2.0 × 10 ⁻²	3.9 × 10 ⁻²	3.0 × 10 ⁰	2.4 × 10 ⁻⁹	---	---	---	---	---	---	---	---	---	
RL	RL-W596	9.4	1.7 × 10 ⁻²	---	---	---	---	1.7 × 10 ⁻²	2.1 × 10 ⁻⁴	3.7 × 10 ⁻⁴	9.1 × 10 ⁻¹	1.9 × 10 ⁻¹⁰	---	---	---	---	---	---	---	---	---	
RL	RL-W597	3.1	3.1 × 10 ¹	---	---	---	---	7.4 × 10 ⁰	4.0 × 10 ⁻¹	6.7 × 10 ⁻¹	1.7 × 10 ³	7.3 × 10 ⁻⁷	---	---	---	---	---	---	---	---	---	
RL	RL-W598	8.7	3.4 × 10 ¹	---	---	---	---	4.4 × 10 ¹	5.6 × 10 ⁻¹	8.4 × 10 ⁻¹	1.7 × 10 ³	4.3 × 10 ⁻⁷	---	---	---	---	---	---	---	---	---	
RL	RL-W599	0.2	1.3 × 10 ⁰	---	---	---	---	3.5 × 10 ⁻¹	4.7 × 10 ⁻³	8.8 × 10 ⁻³	1.0 × 10 ²	4.5 × 10 ⁻⁸	---	---	---	---	---	---	---	---	---	
RL	RL-W600	0.9	1.3 × 10 ⁻⁷	---	---	---	---	3.7 × 10 ⁻⁸	1.4 × 10 ⁻⁶	3.1 × 10 ⁻⁷	4.2 × 10 ⁻⁶	1.9 × 10 ⁻¹¹	---	---	---	---	---	---	---	---	---	
RL	RL-W601	1.3	1.7 × 10 ⁻⁴	---	---	1.2 × 10 ⁻⁴	---	2.0 × 10 ⁻⁴	7.0 × 10 ⁻³	1.6 × 10 ⁻³	3.5 × 10 ⁻²	9.5 × 10 ⁻⁸	---	1.1 × 10 ⁻⁴	---	---	---	---	---	---	---	
RL	RL-W602	2.8	4.7 × 10 ⁻¹	---	---	---	---	1.6 × 10 ⁻¹	6.1 × 10 ⁰	1.4 × 10 ⁰	2.1 × 10 ¹	8.2 × 10 ⁻⁵	---	---	---	---	---	---	---	---	---	
RL	RL-W603	7.6	2.7 × 10 ⁰	---	---	---	---	9.5 × 10 ⁻¹	3.5 × 10 ¹	7.9 × 10 ⁰	1.2 × 10 ³	4.8 × 10 ⁻⁴	---	---	---	---	---	---	---	---	---	
RL	RL-W604	0.2	1.1 × 10 ⁻²	---	---	3.6 × 10 ⁻²	---	2.5 × 10 ⁻³	1.7 × 10 ⁻²	8.5 × 10 ⁻³	1.4 × 10 ⁻¹	8.3 × 10 ⁻⁷	---	3.5 × 10 ⁻⁴	---	---	---	---	---	---	---	
RL	RL-W605	0.2	4.7 × 10 ⁻⁴	---	---	7.5 × 10 ⁻⁴	---	5.4 × 10 ⁻⁴	1.9 × 10 ⁻²	4.2 × 10 ⁻³	9.4 × 10 ⁻²	2.6 × 10 ⁻⁷	---	6.9 × 10 ⁻⁴	---	---	---	---	---	---	---	
RL	RL-W606	0.2	1.9 × 10 ⁻⁴	---	---	3.7 × 10 ⁻³	---	2.2 × 10 ⁻⁴	7.6 × 10 ⁻³	1.7 × 10 ⁻³	3.8 × 10 ⁻²	1.0 × 10 ⁻⁷	---	3.4 × 10 ⁻³	---	---	---	---	---	---	---	
RL	RL-W607	0.2	1.9 × 10 ⁻³	---	---	3.1 × 10 ⁻²	---	4.2 × 10 ⁻⁴	2.9 × 10 ⁻³	1.4 × 10 ⁻³	2.4 × 10 ⁻²	1.4 × 10 ⁻⁷	---	3.1 × 10 ⁻⁴	---	---	---	---	---	---	---	
RL	RL-W608	6.1	2.0 × 10 ⁻²	---	---	1.3 × 10 ⁰	---	1.6 × 10 ⁻²	3.8 × 10 ⁻³	4.7 × 10 ⁻³	3.8 × 10 ⁻¹	1.1 × 10 ⁻⁵	---	8.4 × 10 ⁻¹	---	---	---	---	---	---	---	
RL	RL-W610	3.8	3.1 × 10 ⁰	---	---	---	---	8.7 × 10 ⁻¹	3.3 × 10 ¹	7.4 × 10 ⁰	1.0 × 10 ²	4.5 × 10 ⁻⁴	---	---	---	---	---	---	---	---	---	
RL	RL-W612	9.9	7.2 × 10 ⁻³	---	---	1.3 × 10 ⁻¹	---	2.1 × 10 ⁻³	8.1 × 10 ⁻²	1.8 × 10 ⁻²	2.4 × 10 ⁻¹	1.1 × 10 ⁻⁶	---	1.1 × 10 ⁻¹	---	---	---	---	---	---	---	
RL	RL-W615	1.9	---	---	---	---	---	---	3.4 × 10 ⁻¹	---	---	---	---	---	---	---	---	---	---	---	---	
RL	RL-W622	1.9	1.2 × 10 ⁻⁴	---	---	---	---	3.4 × 10 ⁻⁵	1.3 × 10 ⁻³	2.9 × 10 ⁻⁴	3.9 × 10 ⁻³	1.8 × 10 ⁻⁸	---	---	---	---	---	---	---	---	---	
RL	RL-W625	0.2	1.6 × 10 ⁻³	---	---	---	---	5.2 × 10 ⁻³	6.7 × 10 ⁻³	6.6 × 10 ⁻³	2.1 × 10 ⁻¹	---	---	---	---	---	---	---	---	---	---	
RL	RL-W626	0.2	3.5 × 10 ⁻¹	---	---	---	---	1.2 × 10 ⁻¹	2.6 × 10 ⁻¹	1.6 × 10 ⁻¹	3.7 × 10 ⁰	8.4 × 10 ⁻⁵	---	---	---	---	---	---	---	2.0 × 10 ⁻⁶	1.4 × 10 ⁻⁶	
RL	RL-W627	0.2	7.3 × 10 ⁻⁴	---	---	9.5 × 10 ⁻⁴	---	1.6 × 10 ⁻⁴	1.2 × 10 ⁻⁶	---	4.4 × 10 ⁻²	---	---	8.6 × 10 ⁻⁴	---	---	---	---	---	---	---	
RL	RL-W628	0.2	3.3 × 10 ⁻⁴	---	---	---	---	1.0 × 10 ⁻⁴	3.8 × 10 ⁻³	8.5 × 10 ⁻⁴	1.2 × 10 ⁻²	5.1 × 10 ⁻⁸	---	---	---	---	---	---	---	---	---	
RL	RL-W629	0.2	1.8 × 10 ⁻⁵	---	---	---	---	6.9 × 10 ⁻⁶	2.5 × 10 ⁻⁴	5.7 × 10 ⁻⁵	9.2 × 10 ⁻⁴	3.4 × 10 ⁻⁹	---	---	---	---	---	---	---	---	---	
RL	RL-W630	0.4	2.1 × 10 ⁻¹	---	---	---	---	1.3 × 10 ⁻¹	2.9 × 10 ⁰	6.9 × 10 ⁻¹	1.0 × 10 ¹	1.2 × 10 ⁻⁴	---	---	---	---	---	---	---	---	3.0 × 10 ⁻⁶	
RL	RL-W631	0.4	1.1 × 10 ⁻³	---	---	2.2 × 10 ⁻⁸	---	1.3 × 10 ⁻³	4.5 × 10 ⁻²	1.0 × 10 ⁻²	2.2 × 10 ⁻¹	6.1 × 10 ⁻⁷	---	2.1 × 10 ⁻⁸	---	---	---	---	---	---	---	
RL	RL-W632	0.2	1.3 × 10 ⁰	---	---	2.2 × 10 ⁻³	---	1.7 × 10 ⁻¹	6.0 × 10 ⁰	2.0 × 10 ⁰	7.5 × 10 ¹	8.3 × 10 ⁻⁴	---	2.0 × 10 ⁻³	---	---	---	---	---	---	---	
RL	RL-W633	0.2	6.2 × 10 ⁻³	---	---	---	---	1.0 × 10 ⁻³	9.4 × 10 ⁻⁴	8.3 × 10 ⁻⁴	9.2 × 10 ⁻²	---	---	---	---	---	---	---	---	---	---	
RL	RL-W634	0.2	---	---	---	---	---	---	1.0 × 10 ⁻²	---	---	---	---	---	---	---	---	---	---	---	---	
RL	RL-W635	15.4	2.4 × 10 ¹	---	---	8.7 × 10 ⁻¹	---	3.4 × 10 ¹	4.3 × 10 ⁰	6.5 × 10 ⁰	9.3 × 10 ²	2.3 × 10 ⁻²	---	1.8 × 10 ⁰	---	---	---	---	---	2.0 × 10 ⁻¹	---	
RL	RL-W636	1.0	3.7 × 10 ⁻¹	---	---	9.3 × 10 ⁻²	---	6.4 × 10 ⁻²	5.7 × 10 ⁻²	5.1 × 10 ⁻²	5.7 × 10 ⁰	5.7 × 10 ⁻⁵	---	1.9 × 10 ⁻¹	---	---	---	---	---	---	---	
RL	RL-W637	0.6	6.6 × 10 ⁻⁴	---	---	2.0 × 10 ⁻²	---	1.6 × 10 ⁻³	6.4 × 10 ⁻⁴	6.3 × 10 ⁻⁴	2.0 × 10 ⁻²	---	---	7.6 × 10 ⁻³	---	---	---	---	---	---	---	
RL	RL-W638	4.0	3.3 × 10 ⁻²	---	---	3.6 × 10 ⁻¹	---	1.7 × 10 ⁻²	6.3 × 10 ⁻³	5.9 × 10 ⁻³	7.6 × 10 ⁻¹	4.4 × 10 ⁻⁶	---	6.1 × 10 ⁻¹	---	---	---	---	---	---	---	
RL	RL-W639	0.6	1.3 × 10 ⁻³	---	---	---	---	4.3 × 10 ⁻⁴	1.6 × 10 ⁻²	3.6 × 10 ⁻³	5.3 × 10 ⁻²	2.2 × 10 ⁻⁷	---	---	---	---	---	---	---	---	---	
RL	RL-W640	0.2	4.7 × 10 ⁻²	---	---	---	---	1.4 × 10 ⁻²	5.4 × 10 ⁻¹	1.2 × 10 ⁻¹	1.7 × 10 ⁰	7.3 × 10 ⁻⁶	---	---	---	---	---	---	---	---	---	
RL	RL-W641	5.5	2.3 × 10 ⁰	---	---	5.4 × 10 ⁻¹	---	3.1 × 10 ⁰	2.6 × 10 ⁰	1.1 × 10 ⁰	2.7 × 10 ¹	1.8 × 10 ⁻⁴	---	9.3 × 10 ⁻¹	---	---	---	---	---	---	---	
RL	RL-W642	1.7	6.3 × 10 ⁻²	---	---	1.1 × 10 ⁰	---	3.2 × 10 ⁻⁴	3.2 × 10 ⁻²	1.6 × 10 ⁻⁴	1.2 × 10 ⁻²	7.7 × 10 ⁻⁸	---	1.9 × 10 ⁰	---	---	---	---	---	---	---	
RL	RL-W643	1.7	7.0 × 10 ⁻¹	---	---	1.6 × 10 ⁻¹	---	9.6 × 10 ⁻¹	8.0 × 10 ⁻¹	3.3 × 10 ⁻¹	8.4 × 10 ⁰	5.6 × 10 ⁻⁵	---	2.9 × 10 ⁻¹	---	---	---	---	---	---	---	
RL	RL-W644	0.8	---	---	---	5.3 × 10 ⁻¹	---	---	5.5 × 10 ⁻²	---	---	---	---	2.0 × 10 ⁰	---	---	---	---	---	---	---	
RL	RL-W645	1.5	8.3 × 10 ⁻³	---	---	---	---	4.3 × 10 ⁻³	1.1 × 10 ⁻¹	2.6 × 10 ⁻²	4.6 × 10 ⁻¹	1.4 × 10 ⁻⁶	---	---	---	---	---	---	---	---	---	
RL	RL-W646	0.4	1.4 × 10 ⁻²	---	---	3.7 × 10 ⁻²	---	3.9 × 10 ⁻³	2.6 × 10 ⁻²	1.3 × 10 ⁻²	2.2 × 10 ⁻¹	---	---	5.7 × 10 ⁻²	---	---	---	---	---	---	---	

Table DATA-F-E-1. Scaled Volume and Activities of Selected Radionuclides for CH-TRU Waste Streams¹ — Continued

Site	Waste Stream ID#	Scaled Volume (m ³)	Scaled Total Curies of Each Radionuclide For Each Waste Stream																				
			²⁴¹ Am	²⁴³ Am	²⁴⁴ Cm	¹³⁷ Cs	²³⁷ Np	²³⁸ Pu	²³⁹ Pu	²⁴⁰ Pu	²⁴¹ Pu	²⁴² Pu	²⁴⁴ Pu	⁹⁰ Sr	²²⁹ Th	²³⁰ Th	²³² Th	²³³ U	²³⁴ U	²³⁵ U	²³⁶ U	²³⁸ U	
RL	RL-W647	0.2	3.6 × 10 ⁻²	---	---	---	---	5.8 × 10 ⁻¹	1.1 × 10 ⁻¹	1.7 × 10 ⁻²	7.5 × 10 ⁻¹	---	---	---	---	---	---	---	---	---	---	---	
RL	RL-W648	0.2	2.7 × 10 ⁻⁴	---	---	2.3 × 10 ⁻²	---	9.9 × 10 ⁻⁴	6.0 × 10 ⁻⁵	1.2 × 10 ⁻⁴	2.4 × 10 ⁻²	---	---	4.5 × 10 ⁻²	---	---	---	---	---	---	---	---	
RL	RL-W649	1.9	9.9 × 10 ⁻⁴	---	---	8.3 × 10 ⁻²	---	3.6 × 10 ⁻³	2.2 × 10 ⁻⁴	4.4 × 10 ⁻⁴	8.8 × 10 ⁻²	---	---	1.7 × 10 ⁻¹	---	---	---	---	---	---	---	---	
RL	RL-W653	0.4	7.5 × 10 ⁻⁵	---	---	---	---	2.6 × 10 ⁻⁵	9.7 × 10 ⁻⁴	2.2 × 10 ⁻⁴	3.4 × 10 ⁻³	1.3 × 10 ⁻⁸	---	---	---	---	---	---	---	---	---	---	
RL	RL-W654	0.2	4.4 × 10 ⁻⁴	---	---	---	---	1.4 × 10 ⁻⁴	5.3 × 10 ⁻³	1.2 × 10 ⁻³	1.8 × 10 ⁻²	7.2 × 10 ⁻⁸	---	---	---	---	---	---	---	---	---	---	
RL	RL-W655	1.5	9.6 × 10 ⁻¹	---	---	---	---	3.4 × 10 ⁻¹	2.1 × 10 ⁻¹	5.0 × 10 ⁻¹	4.7 × 10 ⁻¹	2.7 × 10 ⁻⁶	---	---	---	---	---	---	---	---	---	---	
RL	RL-W656	3.1	3.1 × 10 ⁻²	---	---	---	---	1.5 × 10 ⁻¹	5.0 × 10 ⁻¹	5.1 × 10 ⁻¹	2.2 × 10 ⁻¹	1.6 × 10 ⁻⁶	---	---	---	---	---	---	---	---	---	---	
RL	RL-W657	14.9	2.1 × 10 ⁻²	---	---	---	---	2.2 × 10 ⁻¹	2.4 × 10 ⁻¹	4.9 × 10 ⁻¹	9.9 × 10 ⁻¹	5.5 × 10 ⁻⁶	---	---	---	---	---	---	---	---	---	---	
RL	RL-W659	0.4	2.8 × 10 ⁻¹	---	---	---	---	5.0 × 10 ⁻¹	4.7 × 10 ⁻²	5.9 × 10 ⁻²	1.1 × 10 ⁻¹	2.1 × 10 ⁻⁹	---	---	---	---	---	---	---	---	---	---	
RL	RL-W660	2.1	1.4 × 10 ⁻²	---	---	---	---	6.1 × 10 ⁻¹	8.7 × 10 ⁻¹	1.6 × 10 ⁻¹	6.4 × 10 ⁻¹	2.9 × 10 ⁻⁶	---	---	---	---	---	---	---	---	---	---	
RL	RL-W661	0.2	1.2 × 10 ⁻¹	---	---	---	---	7.6 × 10 ⁻²	4.2 × 10 ⁻⁴	3.8 × 10 ⁻³	7.8 × 10 ⁻¹	3.4 × 10 ⁻⁹	---	---	---	---	---	---	---	---	---	---	
RL	RL-W662	0.2	6.7 × 10 ⁻²	---	---	---	---	4.5 × 10 ⁻³	1.1 × 10 ⁻⁴	1.9 × 10 ⁻⁴	1.6 × 10 ⁻¹	9.3 × 10 ⁻¹⁰	---	---	---	---	---	---	---	---	---	---	
RL	RL-W665	8.5	4.1 × 10 ⁻²	---	---	---	---	3.6 × 10 ⁻²	1.3 × 10 ⁻¹	1.8 × 10 ⁻¹	3.2 × 10 ⁻¹	1.2 × 10 ⁻⁵	---	---	---	---	---	---	---	---	---	---	
RL	RL-W666	1.5	1.1 × 10 ⁻¹	---	---	---	---	8.8 × 10 ⁻¹	5.5 × 10 ⁻²	5.8 × 10 ⁻²	4.6 × 10 ⁻¹	4.0 × 10 ⁻⁸	---	---	---	---	---	---	---	---	---	---	
RL	RL-W668	42.7	2.5 × 10 ⁻¹	---	---	5.0 × 10 ⁻¹	---	2.8 × 10 ⁻²	1.4 × 10 ⁻¹	4.1 × 10 ⁻²	1.1 × 10 ⁻¹	---	---	4.7 × 10 ⁻¹	---	---	---	---	---	---	---	---	
RL	RL-W669	1.3	5.3 × 10 ⁻¹	---	---	1.2 × 10 ⁻¹	---	7.2 × 10 ⁻¹	6.0 × 10 ⁻¹	2.5 × 10 ⁻¹	6.3 × 10 ⁻¹	4.2 × 10 ⁻⁵	---	2.1 × 10 ⁻¹	---	---	---	---	---	---	---	---	
RL	RL-W670	0.2	4.6 × 10 ⁻²	---	---	9.2 × 10 ⁻²	---	5.1 × 10 ⁻⁴	2.7 × 10 ⁻³	7.7 × 10 ⁻⁴	2.0 × 10 ⁻²	---	---	8.3 × 10 ⁻¹	---	---	---	---	---	---	---	---	
RL	RL-W671	9.4	5.4 × 10 ⁻¹	---	---	---	---	2.6 × 10 ⁻¹	4.9 × 10 ⁻³	5.1 × 10 ⁻³	6.6 × 10 ⁻¹	---	---	---	---	---	---	---	---	---	---	---	
RL	RL-W672	9.4	3.7 × 10 ⁻¹	---	---	---	---	1.8 × 10 ⁻¹	3.3 × 10 ⁻²	3.5 × 10 ⁻²	4.5 × 10 ⁻¹	---	---	---	---	---	---	---	---	---	---	---	
RL	RL-W673	49.1	3.5 × 10 ⁻¹	---	---	1.8 × 10 ⁻¹	---	1.7 × 10 ⁻¹	3.2 × 10 ⁻²	3.4 × 10 ⁻²	4.3 × 10 ⁻¹	---	---	---	---	---	---	---	---	---	---	---	
RL	RL-W674	33.3	6.5 × 10 ⁻²	---	---	---	---	7.7 × 10 ⁻²	1.1 × 10 ⁻¹	9.8 × 10 ⁻²	3.0 × 10 ⁻¹	3.6 × 10 ⁻⁵	---	---	---	---	---	---	---	1.8 × 10 ⁻⁷	---	8.9 × 10 ⁻⁵	
RL	RL-W675	0.2	3.8 × 10 ⁻¹	---	---	2.0 × 10 ⁻¹	---	4.2 × 10 ⁻¹	1.3 × 10 ⁻¹	1.1 × 10 ⁻¹	7.3 × 10 ⁻¹	1.9 × 10 ⁻⁴	---	---	---	---	---	---	---	---	---	---	
RL	RL-W676	4.4	1.7 × 10 ⁻²	---	---	8.5 × 10 ⁻²	---	2.6 × 10 ⁻³	1.5 × 10 ⁻¹	2.2 × 10 ⁻³	2.2 × 10 ⁻¹	2.4 × 10 ⁻⁶	---	3.2 × 10 ⁻²	---	---	---	---	---	---	4.5 × 10 ⁻⁹	2.2 × 10 ⁻⁶	
RL	RL-W677	3.1	3.8 × 10 ⁻¹	---	---	4.6 × 10 ⁻¹	---	6.3 × 10 ⁻¹	5.7 × 10 ⁻¹	5.0 × 10 ⁻¹	5.2 × 10 ⁻¹	5.6 × 10 ⁻³	---	1.8 × 10 ⁻¹	---	---	---	---	---	---	9.0 × 10 ⁻⁵	3.4 × 10 ⁻³	
RL	RL-W678	0.4	3.6 × 10 ⁻²	---	---	5.7 × 10 ⁻¹	---	5.3 × 10 ⁻²	5.2 × 10 ⁻²	4.6 × 10 ⁻²	4.1 × 10 ⁻¹	5.1 × 10 ⁻⁵	---	---	---	---	---	---	---	---	---	---	
RL	RL-W679	3.8	7.5 × 10 ⁻¹	---	---	1.2 × 10 ⁻³	---	1.2 × 10 ⁻¹	1.1 × 10 ⁻¹	9.9 × 10 ⁻²	1.0 × 10 ⁻¹	1.1 × 10 ⁻⁴	---	4.7 × 10 ⁻⁴	---	---	---	---	---	---	---	---	
RL	RL-W680	0.2	9.5 × 10 ⁻⁵	---	---	4.6 × 10 ⁻³	---	1.7 × 10 ⁻⁴	1.7 × 10 ⁻⁵	3.2 × 10 ⁻⁵	4.5 × 10 ⁻³	1.3 × 10 ⁻⁷	---	2.9 × 10 ⁻³	---	---	---	---	---	---	---	---	
RL	RL-W681	0.2	2.3 × 10 ⁻⁵	---	---	3.0 × 10 ⁻⁴	---	6.7 × 10 ⁻⁵	4.7 × 10 ⁻⁴	2.3 × 10 ⁻⁴	3.7 × 10 ⁻³	2.3 × 10 ⁻⁸	---	1.5 × 10 ⁻⁴	---	---	---	---	---	---	---	---	
RL	RL-W685	142.9	2.1 × 10 ⁻¹	---	---	---	---	6.0 × 10 ⁻²	2.3 × 10 ⁻¹	5.1 × 10 ⁻¹	6.8 × 10 ⁻¹	3.1 × 10 ⁻⁵	---	---	---	---	---	---	---	---	---	---	
RL	RL-W689	0.2	1.1 × 10 ⁻²	---	---	3.7 × 10 ⁻²	---	7.2 × 10 ⁻⁴	3.9 × 10 ⁻⁴	---	6.6 × 10 ⁻³	---	---	6.8 × 10 ⁻³	---	---	---	---	---	---	---	---	
RL	RL-W690	0.4	1.8 × 10 ⁻¹	---	---	1.7 × 10 ⁻²	---	5.3 × 10 ⁻²	2.0 × 10 ⁻¹	4.5 × 10 ⁻¹	5.9 × 10 ⁻¹	2.7 × 10 ⁻⁵	---	1.6 × 10 ⁻²	---	---	---	---	---	---	---	---	
RL	RL-W691	0.2	4.2 × 10 ⁻³	---	---	8.7 × 10 ⁻³	---	1.2 × 10 ⁻³	4.7 × 10 ⁻²	1.1 × 10 ⁻²	1.4 × 10 ⁻¹	6.3 × 10 ⁻⁷	---	7.9 × 10 ⁻³	---	---	---	---	---	---	---	---	
RL	RL-W692	0.4	1.7 × 10 ⁻¹	---	---	1.7 × 10 ⁻²	---	4.9 × 10 ⁻²	1.9 × 10 ⁻¹	4.2 × 10 ⁻¹	5.4 × 10 ⁻¹	2.5 × 10 ⁻⁵	---	1.6 × 10 ⁻²	---	---	---	---	---	---	---	---	
RL	RL-W693	0.6	2.1 × 10 ⁻¹	---	---	2.6 × 10 ⁻²	---	6.0 × 10 ⁻²	2.3 × 10 ⁻¹	5.2 × 10 ⁻¹	6.7 × 10 ⁻¹	3.1 × 10 ⁻⁵	---	2.4 × 10 ⁻²	---	---	---	---	---	---	---	---	
RL	RL-W694	2.3	2.2 × 10 ⁻¹	---	---	9.6 × 10 ⁻²	---	6.3 × 10 ⁻¹	2.4 × 10 ⁻¹	5.4 × 10 ⁻¹	7.1 × 10 ⁻¹	3.2 × 10 ⁻⁴	---	8.7 × 10 ⁻²	---	---	---	---	---	---	---	---	
RL	RL-W695	0.8	3.8 × 10 ⁻³	---	---	---	---	---	2.4 × 10 ⁻³	---	---	---	---	---	---	---	---	---	---	---	---	---	---
RL	RL-W696	0.2	1.6 × 10 ⁻³	---	---	---	---	2.3 × 10 ⁻³	2.9 × 10 ⁻³	2.9 × 10 ⁻³	9.7 × 10 ⁻²	---	---	---	---	---	---	---	---	---	---	---	
RL	RL-W697	0.2	1.2 × 10 ⁻¹	---	---	---	---	4.9 × 10 ⁻¹	6.9 × 10 ⁻³	9.6 × 10 ⁻⁴	---	2.9 × 10 ⁻⁷	---	---	---	---	---	---	---	---	---	---	
RL	RL-W698	0.2	1.0 × 10 ⁻¹	---	---	9.7 × 10 ⁻²	---	---	3.3 × 10 ⁻⁵	---	---	---	---	---	---	---	---	---	---	---	---	---	---
RL	RL-W699	0.4	8.1 × 10 ⁻³	---	---	---	---	3.2 × 10 ⁻⁴	2.2 × 10 ⁻³	2.6 × 10 ⁻⁴	4.1 × 10 ⁻¹	4.5 × 10 ⁻¹⁰	---	---	---	---	---	---	---	---	---	---	
RL	RL-W700	1.3	2.6 × 10 ⁻³	---	---	---	---	8.5 × 10 ⁻⁴	3.2 × 10 ⁻²	7.1 × 10 ⁻³	1.1 × 10 ⁻¹	4.3 × 10 ⁻⁷	---	---	---	---	---	---	---	---	---	---	
RL	RL-W702	0.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
RL	RL-W703	0.2	---	---	---	8.9 × 10 ⁻³	---	---	---	---	---	---	---	8.1 × 10 ⁻³	---	---	---	---	---	---	---	---	
RL	RL-W704	0.4	1.8 × 10 ⁻¹	---	---	4.1 × 10 ⁻²	---	2.4 × 10 ⁻¹	2.0 × 10 ⁻¹	8.2 × 10 ⁻²	2.1 × 10 ⁻¹	1.4 × 10 ⁻⁵	---	7.1 × 10 ⁻²	---	---	---	---	---	---	---	---	
RL	RL-W705	0.6	7.1 × 10 ⁻⁴	---	---	2.3 × 10 ⁻³	---	2.2 × 10 ⁻⁴	8.4 × 10 ⁻³	1.9 × 10 ⁻³	2.6 × 10 ⁻²	1.1 × 10 ⁻⁷	---	2.1 × 10 ⁻³	---	---	---	---	---	---	---	---	

Table DATA-F-E-1. Scaled Volume and Activities of Selected Radionuclides for CH-TRU Waste Streams¹ — Continued

Site	Waste Stream ID#	Scaled Volume (m ³)	Scaled Total Curies of Each Radionuclide For Each Waste Stream																			
			²⁴¹ Am	²⁴³ Am	²⁴⁴ Cm	¹³⁷ Cs	²³⁷ Np	²³⁸ Pu	²³⁹ Pu	²⁴⁰ Pu	²⁴¹ Pu	²⁴² Pu	²⁴⁴ Pu	⁹⁰ Sr	²²⁹ Th	²³⁰ Th	²³² Th	²³³ U	²³⁴ U	²³⁵ U	²³⁶ U	²³⁸ U
RL	RL-W706	0.2	---	---	---	6.4 × 10 ⁻²	---	---	---	---	---	---	5.8 × 10 ⁻²	---	---	---	---	---	---	---	---	---
RL	RL-W707	1.9	2.5 × 10 ⁻²	---	---	3.4 × 10 ⁻⁴	---	7.9 × 10 ⁻³	3.0 × 10 ⁻¹	6.7 × 10 ⁻²	9.2 × 10 ⁻¹	4.0 × 10 ⁻⁶	---	3.1 × 10 ⁻⁴	---	---	---	---	---	---	---	---
RL	RL-W708	0.6	3.8 × 10 ⁻³	---	---	5.4 × 10 ⁻⁵	---	1.2 × 10 ⁻³	4.5 × 10 ⁻²	1.0 × 10 ⁻²	1.4 × 10 ⁻¹	6.1 × 10 ⁻⁷	---	4.8 × 10 ⁻⁵	---	---	---	---	---	---	---	---
RL	RL-W709	0.2	1.3 × 10 ⁰	---	---	8.9 × 10 ⁻⁴	---	4.1 × 10 ⁻¹	1.6 × 10 ¹	3.5 × 10 ⁰	4.8 × 10 ¹	2.1 × 10 ⁻⁴	---	8.1 × 10 ⁻⁴	---	---	---	---	---	---	---	---
RL	RL-W710	0.2	7.9 × 10 ⁻⁵	---	---	1.8 × 10 ⁻⁵	---	2.5 × 10 ⁻⁵	9.3 × 10 ⁻⁴	2.1 × 10 ⁻⁴	2.9 × 10 ⁻³	1.3 × 10 ⁻⁸	---	1.6 × 10 ⁻⁵	---	---	---	---	---	---	---	---
RL	RL-W711	0.2	2.5 × 10 ⁻²	---	---	8.9 × 10 ⁻⁵	---	7.7 × 10 ⁻³	2.9 × 10 ⁻¹	6.5 × 10 ⁻²	8.9 × 10 ⁻¹	3.9 × 10 ⁻⁶	---	8.1 × 10 ⁻⁵	---	---	---	---	---	---	---	---
RL	RL-W712	0.2	3.2 × 10 ⁻²	---	---	2.1 × 10 ⁻⁴	---	9.9 × 10 ⁻³	3.8 × 10 ⁻¹	8.4 × 10 ⁻²	1.2 × 10 ⁰	5.1 × 10 ⁻⁶	---	1.9 × 10 ⁻⁴	---	---	---	---	---	---	---	---
RL	RL-W713	0.2	2.8 × 10 ⁻²	---	---	8.9 × 10 ⁻⁴	---	8.5 × 10 ⁻³	3.2 × 10 ⁻¹	7.3 × 10 ⁻²	1.0 × 10 ⁰	4.4 × 10 ⁻⁶	---	8.1 × 10 ⁻⁴	---	---	---	---	---	---	---	---
RL	RL-W714	0.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
RL	RL-W715	0.4	5.0 × 10 ⁻⁴	---	---	---	---	1.4 × 10 ⁻⁴	5.5 × 10 ⁻³	1.2 × 10 ⁻³	1.6 × 10 ⁻²	7.4 × 10 ⁻⁸	---	---	---	---	---	---	---	---	---	---
RL	RL-W716	0.8	5.3 × 10 ⁻³	---	---	---	---	1.5 × 10 ⁻³	5.7 × 10 ⁻²	1.3 × 10 ⁻²	1.7 × 10 ⁻¹	7.7 × 10 ⁻⁷	---	---	---	---	---	---	---	---	---	---
RL	RL-W717	0.2	1.3 × 10 ⁻³	---	---	---	---	3.7 × 10 ⁻⁴	1.4 × 10 ⁻²	3.2 × 10 ⁻³	4.3 × 10 ⁻²	1.9 × 10 ⁻⁷	---	---	---	---	---	---	---	---	---	---
RL	RL-W718	0.4	2.3 × 10 ⁻⁴	---	---	---	---	6.6 × 10 ⁻⁵	2.5 × 10 ⁻³	5.6 × 10 ⁻⁴	7.6 × 10 ⁻³	3.4 × 10 ⁻⁸	---	---	---	---	---	---	---	---	---	---
RL	RL-W719	0.4	1.0 × 10 ⁻³	---	---	---	---	3.0 × 10 ⁻⁴	1.1 × 10 ⁻²	2.5 × 10 ⁻³	3.4 × 10 ⁻²	1.5 × 10 ⁻⁷	---	---	---	---	---	---	---	---	---	---
RL	RL-W720	2.5	6.5 × 10 ⁻³	---	---	---	---	1.8 × 10 ⁻³	7.0 × 10 ⁻²	1.6 × 10 ⁻²	2.1 × 10 ⁻¹	9.5 × 10 ⁻⁷	---	---	---	---	---	---	---	---	---	---
RL	RL-W721	2.3	4.4 × 10 ⁻³	---	---	---	---	1.2 × 10 ⁻³	4.8 × 10 ⁻²	1.1 × 10 ⁻²	1.4 × 10 ⁻¹	6.4 × 10 ⁻⁷	---	---	---	---	---	---	---	---	---	---
RL	RL-W723	0.6	1.4 × 10 ⁻²	---	---	1.0 × 10 ⁻⁴	---	4.2 × 10 ⁻³	1.6 × 10 ⁻¹	3.6 × 10 ⁻²	4.7 × 10 ⁻¹	2.2 × 10 ⁻⁶	---	9.5 × 10 ⁻⁵	---	---	---	---	---	---	---	---
RL	RL-W724	3.3	9.7 × 10 ⁻²	---	---	9.6 × 10 ⁻³	---	2.8 × 10 ⁻²	1.1 × 10 ⁰	2.4 × 10 ⁻¹	3.2 × 10 ⁰	1.5 × 10 ⁻⁵	---	8.6 × 10 ⁻³	---	---	---	---	---	---	---	---
RL	RL-W725	1.2	3.0 × 10 ⁻²	---	---	7.2 × 10 ⁻⁴	---	8.9 × 10 ⁻³	3.4 × 10 ⁻¹	7.6 × 10 ⁻²	9.9 × 10 ⁻¹	4.6 × 10 ⁻⁶	---	6.5 × 10 ⁻⁴	---	---	---	---	---	---	---	---
RL	RL-W726	1.7	2.4 × 10 ⁻²	---	---	1.2 × 10 ⁻³	---	7.0 × 10 ⁻³	2.7 × 10 ⁻¹	6.0 × 10 ⁻²	7.8 × 10 ⁻¹	3.6 × 10 ⁻⁶	---	1.0 × 10 ⁻³	---	---	---	---	---	---	---	---
RL	RL-W727	6.2	1.5 × 10 ⁻¹	---	---	1.1 × 10 ⁻²	---	4.3 × 10 ⁻²	1.6 × 10 ⁰	3.7 × 10 ⁻¹	4.8 × 10 ⁰	2.2 × 10 ⁻⁵	---	9.9 × 10 ⁻³	---	---	---	---	---	---	---	---
RL	RL-W728	8.3	1.3 × 10 ⁻¹	---	---	9.9 × 10 ⁻³	---	3.9 × 10 ⁻²	1.5 × 10 ⁰	3.4 × 10 ⁻¹	4.4 × 10 ⁰	2.0 × 10 ⁻⁵	---	9.0 × 10 ⁻³	---	---	---	---	---	---	---	---
RL	RL-W729	2.9	6.2 × 10 ⁻²	---	---	1.5 × 10 ⁻³	---	1.8 × 10 ⁻²	6.9 × 10 ⁻¹	1.5 × 10 ⁻¹	2.0 × 10 ⁰	9.3 × 10 ⁻⁶	---	1.4 × 10 ⁻³	---	---	---	---	---	---	---	---
RL	RL-W730	119.6	5.2 × 10 ¹	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
RL	RL-W731	0.2	1.7 × 10 ⁻⁵	---	---	3.9 × 10 ⁻²	---	---	4.5 × 10 ⁻⁴	1.9 × 10 ⁻⁶	---	---	---	1.3 × 10 ⁰	---	---	---	---	---	---	1.2 × 10 ⁻⁶	---
RL	RL-W732	64.6	1.3 × 10 ¹	---	---	---	---	1.0 × 10 ¹	1.3 × 10 ²	2.8 × 10 ¹	7.2 × 10 ²	1.7 × 10 ³	---	---	---	---	---	---	---	---	---	---
RL	RL-W733	0.6	2.3 × 10 ⁻¹	---	---	7.3 × 10 ⁻⁵	---	1.3 × 10 ⁻¹	1.4 × 10 ⁰	3.4 × 10 ⁻¹	7.9 × 10 ⁰	3.1 × 10 ⁻⁵	---	---	---	---	---	---	---	---	---	---
RL	RL-W734	0.4	7.6 × 10 ⁻¹	---	---	1.3 × 10 ⁻⁶	---	4.5 × 10 ⁻¹	4.8 × 10 ⁰	1.2 × 10 ⁰	2.3 × 10 ¹	9.9 × 10 ⁻⁵	---	---	---	---	---	---	---	---	---	---
RL	RL-W735	0.2	6.5 × 10 ⁻¹	---	---	---	---	3.4 × 10 ⁻¹	3.7 × 10 ⁰	9.3 × 10 ⁻¹	1.8 × 10 ¹	8.0 × 10 ⁻⁵	---	---	---	---	---	---	---	---	---	---
RL	RL-W736	0.2	1.2 × 10 ⁻³	---	---	---	---	7.3 × 10 ⁻⁷	2.5 × 10 ⁻³	6.4 × 10 ⁻⁴	5.6 × 10 ⁻³	7.0 × 10 ⁻⁸	---	---	---	---	---	---	---	---	---	---
RL	RL-W737	0.8	6.0 × 10 ⁻¹	---	---	---	---	3.1 × 10 ⁻¹	3.5 × 10 ⁰	8.6 × 10 ⁻¹	1.6 × 10 ¹	7.3 × 10 ⁻⁵	---	---	---	---	---	---	---	---	---	---
RL	RL-W738	2.3	2.3 × 10 ⁰	---	---	---	---	1.1 × 10 ⁰	1.1 × 10 ¹	3.0 × 10 ⁰	5.7 × 10 ¹	2.6 × 10 ⁻⁴	---	---	---	---	---	---	---	---	---	---
RL	RL-W739	0.2	1.8 × 10 ⁻¹	---	---	---	---	9.4 × 10 ⁻²	1.8 × 10 ⁰	4.2 × 10 ⁻¹	5.2 × 10 ⁰	3.0 × 10 ⁻⁵	---	---	---	---	---	---	---	---	---	---
RL	RL-W740	13.2	9.1 × 10 ⁰	---	---	6.5 × 10 ⁻⁶	---	3.5 × 10 ⁰	4.4 × 10 ¹	1.2 × 10 ¹	2.6 × 10 ²	1.3 × 10 ⁻³	---	---	---	---	---	---	---	---	1.4 × 10 ⁻⁷	---
RL	RL-W741	1.0	2.0 × 10 ¹	---	---	---	---	8.1 × 10 ⁰	8.6 × 10 ⁰	6.2 × 10 ⁰	2.0 × 10 ²	4.8 × 10 ⁻³	---	---	---	---	---	---	---	---	---	---
RL	RL-W742	0.2	6.3 × 10 ⁻¹	---	---	---	---	2.5 × 10 ⁻¹	2.8 × 10 ⁰	6.6 × 10 ⁻¹	1.7 × 10 ¹	5.6 × 10 ⁻⁵	---	---	---	---	---	---	---	---	---	---
RL	RL-W743	0.2	2.2 × 10 ⁻³	---	---	1.3 × 10 ⁻¹	---	6.7 × 10 ⁻⁵	1.8 × 10 ⁻³	---	---	---	---	3.6 × 10 ⁻²	---	---	---	---	---	---	---	---
RL	RL-W744	0.2	---	---	---	---	---	---	9.0 × 10 ⁻²	7.7 × 10 ⁻²	---	---	---	---	---	---	---	---	---	---	---	---
RL	RL-W745	0.2	1.4 × 10 ⁻³	---	---	---	---	4.7 × 10 ⁻⁴	1.7 × 10 ⁻²	3.9 × 10 ⁻³	5.8 × 10 ⁻²	2.4 × 10 ⁻⁷	---	---	---	---	---	---	---	---	---	---
RL	RL-W746	0.4	5.5 × 10 ⁻³	---	---	---	---	1.8 × 10 ⁻³	6.7 × 10 ⁻²	1.5 × 10 ⁻²	2.2 × 10 ⁻¹	9.1 × 10 ⁻⁷	---	---	---	---	---	---	---	---	---	---
RL	RL-W747	0.2	1.5 × 10 ⁻²	---	---	---	---	4.9 × 10 ⁻³	1.8 × 10 ⁻¹	4.1 × 10 ⁻²	6.0 × 10 ⁻¹	2.5 × 10 ⁻⁶	---	---	---	---	---	---	---	---	---	---
RL	RL-W748	13.2	9.4 × 10 ¹	---	---	---	---	1.4 × 10 ¹	3.0 × 10 ⁻¹	5.0 × 10 ⁻¹	4.5 × 10 ³	4.6 × 10 ⁻⁶	---	---	---	---	---	---	---	---	---	---
RL	RL-W749	3.8	1.3 × 10 ⁻¹	---	---	---	---	4.2 × 10 ⁻²	1.6 × 10 ⁰	3.5 × 10 ⁻¹	4.8 × 10 ⁰	2.1 × 10 ⁻⁵	---	---	---	---	---	---	---	---	---	---
RL	RL-W750	0.4	1.6 × 10 ²	---	---	---	---	2.1 × 10 ¹	5.0 × 10 ⁻¹	8.2 × 10 ⁻¹	6.4 × 10 ³	7.6 × 10 ⁻⁶	---	---	---	---	---	---	---	---	---	---
RL	RL-W751	0.2	1.4 × 10 ²	---	---	---	---	1.9 × 10 ¹	4.5 × 10 ⁻¹	7.4 × 10 ⁻¹	5.8 × 10 ³	6.9 × 10 ⁻⁶	---	---	---	---	---	---	---	---	---	---

Table DATA-F-E-1. Scaled Volume and Activities of Selected Radionuclides for CH-TRU Waste Streams¹ — Continued

Site	Waste Stream ID#	Scaled Volume (m ³)	Scaled Total Curies of Each Radionuclide For Each Waste Stream																				
			²⁴¹ Am	²⁴³ Am	²⁴⁴ Cm	¹³⁷ Cs	²³⁷ Np	²³⁸ Pu	²³⁹ Pu	²⁴⁰ Pu	²⁴¹ Pu	²⁴² Pu	²⁴⁴ Pu	⁹⁰ Sr	²²⁹ Th	²³⁰ Th	²³² Th	²³³ U	²³⁴ U	²³⁵ U	²³⁶ U	²³⁸ U	
RL	RL-W752	9.9	6.3×10^1	---	---	---	---	8.1×10^0	1.9×10^1	3.2×10^1	2.5×10^3	3.0×10^6	---	---	---	---	---	---	---	---	---	---	
RL	RL-W753	12.2	8.4×10^2	---	---	---	---	1.1×10^2	2.6×10^0	4.3×10^0	3.4×10^1	4.0×10^5	---	---	---	---	---	---	---	---	---	---	
RP	RP-W754	1484.1	7.4×10^1	---	---	2.6×10^2	3.0×10^4	1.4×10^1	1.9×10^3	1.5×10^2	3.1×10^2	6.1×10^3	---	6.3×10^3	---	---	---	2.7×10^7	3.5×10^1	1.5×10^2	3.3×10^3	3.4×10^1	
RP	RP-W755	2448.0	4.4×10^2	---	---	1.2×10^3	2.9×10^3	8.3×10^0	1.4×10^3	1.2×10^2	2.3×10^2	1.6×10^3	---	4.6×10^4	---	---	---	1.1×10^5	1.3×10^1	5.6×10^1	1.0×10^1	1.3×10^1	
SA	SA-T001	5.4	9.1×10^1	---	4.8×10^0	---	1.8×10^5	2.0×10^1	3.0×10^0	4.7×10^3	---	---	---	---	2.4×10^{13}	1.7×10^{10}	3.9×10^3	6.2×10^{10}	4.6×10^6	2.4×10^8	5.9×10^{10}	---	
SA	SA-W134	16.0	7.2×10^0	1.2×10^2	1.9×10^3	6.9×10^1	1.2×10^1	1.3×10^0	1.4×10^0	4.4×10^1	5.9×10^0	6.8×10^8	---	6.5×10^1	9.8×10^7	7.5×10^6	8.0×10^{18}	2.1×10^3	1.7×10^1	1.1×10^2	6.5×10^8	8.0×10^3	
SA	SA-W134M	2.1	9.4×10^1	1.6×10^3	2.4×10^4	9.0×10^0	1.6×10^2	1.8×10^1	1.8×10^1	5.7×10^2	7.7×10^1	8.8×10^9	---	8.5×10^0	1.3×10^7	9.7×10^7	1.0×10^{18}	2.7×10^4	2.2×10^2	1.4×10^3	8.4×10^9	1.0×10^3	
SR	T001-221F-HET	2254.2	1.1×10^3	---	---	---	3.5×10^3	1.6×10^5	2.9×10^4	7.1×10^2	1.9×10^4	---	---	---	2.9×10^{11}	3.1×10^4	7.5×10^{14}	8.2×10^8	5.6×10^0	3.4×10^4	2.5×10^4	---	
SR	T001-221H-HET	4068.7	2.0×10^3	---	---	---	6.3×10^3	2.9×10^5	5.2×10^4	1.3×10^3	3.5×10^4	---	---	---	5.3×10^{11}	5.6×10^4	1.4×10^{13}	1.5×10^7	1.0×10^1	6.2×10^4	4.6×10^4	---	
SR	T001-235F-HET	234.1	1.2×10^2	---	---	---	3.6×10^4	1.6×10^4	3.0×10^3	7.4×10^1	2.0×10^3	---	---	---	3.0×10^{12}	3.2×10^5	7.8×10^{15}	8.5×10^9	5.9×10^1	3.5×10^5	2.6×10^5	---	
SR	T001-772F-HET	2018.6	1.0×10^3	---	---	---	3.1×10^3	1.4×10^5	2.6×10^4	6.4×10^2	1.7×10^4	---	---	---	2.6×10^{11}	2.8×10^4	6.7×10^{14}	7.3×10^8	5.1×10^0	3.1×10^4	2.3×10^4	---	
SR	T001-773A-CLAS	22.6	1.1×10^1	---	---	---	3.5×10^5	1.6×10^3	2.9×10^2	7.2×10^0	2.0×10^2	---	---	---	2.9×10^{13}	3.1×10^6	7.6×10^{16}	8.2×10^{10}	5.7×10^2	3.4×10^6	2.6×10^6	---	
SR	T001-773A-HET	261.4	1.3×10^2	---	---	---	4.0×10^4	1.8×10^4	3.3×10^3	8.3×10^1	2.3×10^3	---	---	---	3.4×10^{12}	3.6×10^5	8.7×10^{15}	9.5×10^9	6.5×10^1	4.0×10^5	2.9×10^5	---	
SR	W006-773A-VIT	0.6	2.8×10^3	---	---	---	9.0×10^9	---	5.4×10^2	---	---	---	---	---	6.1×10^{17}	---	---	2.0×10^{13}	---	5.3×10^6	---	---	
SR	W026-221F-HET	785.9	3.9×10^2	---	---	---	1.2×10^3	5.5×10^4	1.0×10^4	2.5×10^2	6.8×10^3	---	---	---	1.0×10^{11}	1.1×10^4	2.6×10^{14}	2.9×10^8	2.0×10^0	1.2×10^4	8.9×10^5	---	
SR	W026-221H-HET	587.6	2.9×10^2	---	---	---	9.1×10^4	4.1×10^4	7.5×10^3	1.9×10^2	5.1×10^3	---	---	---	7.6×10^{12}	8.1×10^5	2.0×10^{14}	2.1×10^8	1.5×10^0	8.9×10^5	6.6×10^5	---	
SR	W026-235F-HET	9.2	4.5×10^0	---	---	---	1.4×10^5	6.4×10^2	1.2×10^2	2.9×10^0	7.9×10^1	---	---	---	1.2×10^{13}	1.3×10^6	3.1×10^{16}	3.3×10^{10}	2.3×10^2	1.4×10^6	1.0×10^6	---	
SR	W026-772F-HET	2.5	1.2×10^0	---	---	---	3.9×10^6	1.8×10^2	3.2×10^1	7.9×10^1	2.2×10^1	---	---	---	3.2×10^{14}	3.4×10^7	8.3×10^{17}	9.1×10^{11}	6.3×10^3	3.8×10^7	2.8×10^7	---	
SR	W026-773A-HET	40.7	2.0×10^1	---	---	---	6.3×10^5	2.9×10^3	5.2×10^2	1.3×10^1	3.5×10^2	---	---	---	5.3×10^{13}	5.6×10^6	1.4×10^{15}	1.5×10^9	1.0×10^1	6.2×10^6	4.6×10^6	---	
SR	W027-221F-HET	3051.4	2.0×10^3	---	---	---	1.5×10^2	1.9×10^5	3.9×10^4	9.6×10^2	1.1×10^4	---	---	---	7.5×10^{10}	2.5×10^3	6.4×10^{13}	8.7×10^7	1.8×10^1	1.2×10^3	8.6×10^4	---	
SR	W027-221H-HET	1335.1	8.6×10^2	---	---	---	6.6×10^3	8.1×10^4	1.7×10^4	4.2×10^2	4.9×10^3	---	---	---	3.3×10^{10}	1.1×10^3	2.8×10^{13}	3.8×10^7	7.8×10^0	5.1×10^4	3.8×10^4	---	
SR	W027-235F-HET	401.7	2.6×10^2	---	---	---	2.0×10^3	2.4×10^4	5.1×10^3	1.3×10^2	1.5×10^3	---	---	---	9.9×10^{11}	3.3×10^4	8.4×10^{14}	1.1×10^7	2.3×10^0	1.5×10^4	1.1×10^4	---	
SR	W027-772F-HET	729.7	4.7×10^2	---	---	---	3.6×10^3	4.4×10^4	9.3×10^3	2.3×10^2	2.7×10^3	---	---	---	1.8×10^{10}	6.0×10^4	1.5×10^{13}	2.1×10^7	4.3×10^0	2.8×10^4	2.1×10^4	---	
SR	W027-773A-HET	1088.8	7.0×10^2	---	---	---	5.4×10^3	6.6×10^4	1.4×10^4	3.4×10^2	4.0×10^3	---	---	---	2.7×10^{10}	8.9×10^4	2.3×10^{13}	3.1×10^7	6.4×10^0	4.1×10^4	3.1×10^4	---	
SR	W027-999-HET	1244.5	8.0×10^2	---	---	---	6.2×10^3	7.6×10^4	1.6×10^4	3.9×10^2	4.5×10^3	---	---	---	3.1×10^{10}	1.0×10^3	2.6×10^{13}	3.5×10^7	7.3×10^0	4.7×10^4	3.5×10^4	---	
SR	W053-773A-VIT	0.6	---	---	---	---	---	---	4.0×10^2	---	---	---	---	---	---	---	---	---	---	---	3.9×10^6	---	---
WP	WP-INW169.001	17.0	3.3×10^0	---	---	---	1.1×10^6	4.8×10^1	1.5×10^1	3.4×10^0	4.0×10^1	3.9×10^4	---	---	7.2×10^{17}	1.5×10^9	2.5×10^{18}	2.3×10^{12}	1.7×10^4	5.3×10^5	1.0×10^7	3.0×10^6	
WP	WP-INW198.001	44.7	3.9×10^0	---	---	---	1.3×10^6	8.3×10^1	2.8×10^1	6.1×10^0	6.5×10^1	5.7×10^4	---	---	1.3×10^8	7.2×10^{10}	4.5×10^{18}	1.3×10^4	8.2×10^5	2.5×10^5	1.8×10^7	4.8×10^5	
WP	WP-INW211.001	286.2	4.4×10^2	---	---	---	1.4×10^4	7.8×10^1	2.6×10^3	5.7×10^2	7.4×10^3	7.4×10^2	---	---	6.8×10^7	1.7×10^8	4.2×10^{16}	7.2×10^3	2.0×10^3	6.1×10^4	1.7×10^5	6.7×10^4	
WP	WP-INW216.001-A	888.3	2.5×10^1	---	---	---	1.6×10^2	4.5×10^1	1.5×10^3	3.3×10^2	4.1×10^3	4.3×10^2	---	---	1.8×10^6	5.0×10^6	9.7×10^{16}	9.5×10^3	2.8×10^1	4.9×10^2	2.0×10^5	2.1×10^0	
WP	WP-INW216.001-B	308.7	6.9×10^3	---	---	---	4.5×10^3	1.2×10^1	4.0×10^2	8.9×10^1	1.1×10^3	1.2×10^2	---	---	1.2×10^6	5.0×10^7	2.6×10^{16}	6.3×10^3	2.8×10^2	8.6×10^3	5.3×10^6	3.8×10^2	
WP	WP-INW218.001-A	756.8	4.6×10^2	---	---	---	1.5×10^4	7.9×10^0	2.6×10^2	5.7×10^1	7.4×10^2	7.3×10^3	---	---	2.7×10^7	3.5×10^6	4.2×10^{17}	2.9×10^3	3.9×10^1	4.8×10^2	1.7×10^6	3.9×10^0	
WP	WP-INW218.001-B	25.0	1.5×10^0	---	---	---	4.8×10^7	2.2×10^1	7.0×10^0	1.6×10^0	2.1×10^1	2.0×10^4	---	---	3.3×10^{17}	3.4×10^7	1.1×10^{18}	1.0×10^{12}	3.7×10^2	4.5×10^3	4.6×10^8	4.2×10^1	
WP	WP-INW222.001	30.2	1.7×10^1	---	---	---	5.4×10^6	2.4×10^0	6.9×10^1	1.5×10^1	1.8×10^2	1.5×10^3	---	---	3.7×10^{16}	5.1×10^9	1.1×10^{17}	1.2×10^{11}	5.7×10^4	7.6×10^5	4.6×10^7	5.4×10^3	
WP	WP-INW243.001	67.2	4.3×10^1	---	---	---	2.8×10^5	5.1×10^0	1.4×10^2	3.2×10^1	3.6×10^2	3.3×10^3	---	---	2.4×10^7	1.5×10^8	9.5×10^{17}	1.3×10^3	8.7×10^4	2.7×10^4	1.9×10^6	1.4×10^4	
WP	WP-INW247.001RI	108.4	5.2×10^1	---	---	---	3.3×10^5	1.2×10^1	2.8×10^2	6.3×10^1	6.2×10^2	4.8×10^3	---	---	7.2×10^7	7.9×10^{10}	1.8×10^{16}	3.9×10^3	7.8×10^5	3.9×10^6	3.7×10^6	1.4×10^{12}	
WP	WP-INW276.001	10.3	3.8×10^0	---	---	---	5.8×10^6	1.2×10^0	2.7×10^1	6.2×10^0	5.3×10^1	4.6×10^4	---	---	9.4×10^{15}	3.8×10^{10}	1.1×10^{16}	6.1×10^{11}	1.7×10^5	2.9×10^7	9.3×10^7		

Table DATA-F-E-1. Scaled Volume and Activities of Selected Radionuclides for CH-TRU Waste Streams¹ — Continued

Site	Waste Stream ID#	Scaled Volume (m ³)	Scaled Total Curies of Each Radionuclide For Each Waste Stream																			
			²⁴¹ Am	²⁴³ Am	²⁴⁴ Cm	¹³⁷ Cs	²³⁷ Np	²³⁸ Pu	²³⁹ Pu	²⁴⁰ Pu	²⁴¹ Pu	²⁴² Pu	²⁴⁴ Pu	⁹⁰ Sr	²²⁹ Th	²³⁰ Th	²³² Th	²³³ U	²³⁴ U	²³⁵ U	²³⁶ U	²³⁸ U
WP	WP-RF001.01	477.0	1.0 × 10 ²	6.5 × 10 ⁻⁷	---	---	2.8 × 10 ⁻²	1.4 × 10 ¹	4.1 × 10 ²	9.4 × 10 ¹	6.5 × 10 ²	8.4 × 10 ⁻³	---	---	6.1 × 10 ⁻⁵	1.2 × 10 ⁻⁶	1.5 × 10 ⁻¹⁴	4.3 × 10 ⁻²	9.3 × 10 ⁻³	2.6 × 10 ⁻³	4.2 × 10 ⁻⁵	7.7 × 10 ⁻⁵
WP	WP-RF002.01-A	350.7	9.8 × 10 ¹	3.1 × 10 ⁻⁴	---	---	9.1 × 10 ⁻⁴	1.9 × 10 ¹	4.6 × 10 ²	1.1 × 10 ²	1.4 × 10 ³	1.0 × 10 ⁻²	---	---	7.1 × 10 ⁻⁶	8.0 × 10 ⁻⁷	1.9 × 10 ⁻¹⁵	1.5 × 10 ⁻²	1.8 × 10 ⁻²	7.3 × 10 ⁻⁴	1.6 × 10 ⁻⁵	5.1 × 10 ⁻⁴
WP	WP-RF002.01-B	0.2	1.1 × 10 ¹	---	---	---	1.8 × 10 ⁻⁷	1.3 × 10 ⁻²	5.0 × 10 ⁻¹	1.1 × 10 ⁻¹	9.0 × 10 ⁻¹	9.3 × 10 ⁻⁶	---	---	3.0 × 10 ⁻¹⁶	4.3 × 10 ⁻¹²	2.1 × 10 ⁻¹⁸	1.9 × 10 ⁻¹²	1.9 × 10 ⁻⁷	2.5 × 10 ⁻⁹	1.7 × 10 ⁻⁸	7.0 × 10 ⁻¹⁵
WP	WP-RF003.01	232.3	1.5 × 10 ³	---	---	---	4.8 × 10 ⁻³	3.1 × 10 ²	8.8 × 10 ³	2.0 × 10 ³	2.4 × 10 ⁴	1.6 × 10 ¹	---	---	3.8 × 10 ⁻⁶	2.7 × 10 ⁻⁷	3.7 × 10 ⁻¹⁴	8.1 × 10 ⁻³	8.3 × 10 ⁻³	1.7 × 10 ⁻⁴	3.0 × 10 ⁻⁴	6.7 × 10 ⁻⁶
WP	WP-RF004.01	5.7	6.1 × 10 ¹	---	---	---	8.4 × 10 ⁻⁶	2.1 × 10 ¹	5.1 × 10 ⁰	1.2 × 10 ⁰	1.4 × 10 ¹	8.3 × 10 ⁻⁵	---	---	2.5 × 10 ⁻¹⁴	4.5 × 10 ⁻⁹	1.4 × 10 ⁻¹⁷	1.4 × 10 ⁻¹⁰	1.3 × 10 ⁻⁴	4.1 × 10 ⁻⁶	1.4 × 10 ⁻⁷	3.6 × 10 ⁻⁸
WP	WP-RF005.01	120.5	5.2 × 10 ³	---	---	---	9.1 × 10 ⁻³	1.6 × 10 ²	4.7 × 10 ³	1.1 × 10 ³	9.4 × 10 ³	6.7 × 10 ⁻²	---	---	1.5 × 10 ⁻¹¹	3.3 × 10 ⁻⁸	1.2 × 10 ⁻¹⁴	9.7 × 10 ⁻⁸	1.8 × 10 ⁻³	5.8 × 10 ⁻⁵	1.3 × 10 ⁻⁴	4.1 × 10 ⁻¹¹
WP	WP-RF005.02	78.3	6.3 × 10 ³	---	---	---	1.0 × 10 ⁻²	8.1 × 10 ¹	2.8 × 10 ³	6.3 × 10 ²	4.8 × 10 ³	4.0 × 10 ⁻²	---	---	1.6 × 10 ⁻¹¹	2.7 × 10 ⁻⁸	7.4 × 10 ⁻¹⁵	1.1 × 10 ⁻⁷	1.2 × 10 ⁻³	2.0 × 10 ⁻⁵	7.5 × 10 ⁻⁵	8.0 × 10 ⁻⁸
WP	WP-RF006.01	220.9	1.7 × 10 ³	---	---	---	1.3 × 10 ⁻²	2.9 × 10 ²	7.9 × 10 ³	1.8 × 10 ³	1.2 × 10 ⁴	2.2 × 10 ⁻¹	---	---	6.6 × 10 ⁻¹⁰	3.3 × 10 ⁻⁶	9.7 × 10 ⁻¹³	7.4 × 10 ⁻⁷	2.6 × 10 ⁻²	2.4 × 10 ⁻⁴	1.5 × 10 ⁻³	1.1 × 10 ⁻⁷
WP	WP-RF008.01	80.0	3.9 × 10 ²	---	---	---	5.5 × 10 ⁻³	1.1 × 10 ²	2.3 × 10 ³	5.4 × 10 ²	8.0 × 10 ³	6.1 × 10 ⁻²	---	---	1.7 × 10 ⁻¹¹	2.3 × 10 ⁻⁸	6.3 × 10 ⁻¹⁵	8.9 × 10 ⁻⁸	1.3 × 10 ⁻³	1.9 × 10 ⁻⁵	6.4 × 10 ⁻⁵	1.2 × 10 ⁻⁸
WP	WP-RF009.01	1299.1	6.2 × 10 ⁴	---	---	---	4.0 × 10 ⁻¹	1.3 × 10 ³	5.1 × 10 ⁴	1.1 × 10 ⁴	9.2 × 10 ⁴	9.3 × 10 ⁻¹	---	---	1.1 × 10 ⁻⁹	4.8 × 10 ⁻⁷	1.3 × 10 ⁻¹³	6.1 × 10 ⁻⁶	2.1 × 10 ⁻²	3.9 × 10 ⁻⁴	1.4 × 10 ⁻³	1.6 × 10 ⁻⁶
WP	WP-RF010.01	55.5	1.4 × 10 ¹	---	---	---	1.4 × 10 ⁻⁴	3.3 × 10 ⁰	7.7 × 10 ¹	1.8 × 10 ¹	2.8 × 10 ²	1.9 × 10 ⁻³	---	---	6.2 × 10 ⁻¹³	3.2 × 10 ⁻⁸	3.2 × 10 ⁻¹⁶	2.7 × 10 ⁻⁹	7.3 × 10 ⁻⁴	2.2 × 10 ⁻⁵	2.6 × 10 ⁻⁶	7.4 × 10 ⁻⁶
WP	WP-RF029.01-A	48.9	3.6 × 10 ⁰	7.5 × 10 ⁻⁷	---	---	7.4 × 10 ⁻⁵	6.2 × 10 ¹	1.4 × 10 ¹	3.1 × 10 ⁰	6.5 × 10 ¹	3.9 × 10 ⁻⁴	---	---	2.3 × 10 ⁻¹³	2.6 × 10 ⁻⁸	3.6 × 10 ⁻¹⁷	1.2 × 10 ⁻⁹	7.3 × 10 ⁻⁴	2.3 × 10 ⁻⁵	3.7 × 10 ⁻⁷	2.1 × 10 ⁻⁷
WP	WP-RF029.01-B	18.8	6.9 × 10 ⁰	3.4 × 10 ⁻⁵	---	---	1.1 × 10 ⁻³	4.9 × 10 ¹	1.1 × 10 ¹	2.5 × 10 ⁰	5.2 × 10 ¹	3.1 × 10 ⁻⁴	---	---	3.5 × 10 ⁻¹²	8.1 × 10 ⁻⁸	2.9 × 10 ⁻¹⁷	1.9 × 10 ⁻⁸	2.2 × 10 ⁻³	7.2 × 10 ⁻⁵	2.9 × 10 ⁻⁷	6.4 × 10 ⁻⁷
WP	WP-RF118.01	1273.4	8.9 × 10 ³	6.1 × 10 ⁻⁴	---	---	4.3 × 10 ⁻²	2.4 × 10 ³	5.1 × 10 ⁴	1.2 × 10 ⁴	1.7 × 10 ⁵	1.1 × 10 ⁰	---	---	6.8 × 10 ⁻¹¹	5.5 × 10 ⁻⁶	7.6 × 10 ⁻¹⁴	5.0 × 10 ⁻⁷	2.2 × 10 ⁻¹	6.4 × 10 ⁻³	1.0 × 10 ⁻³	5.5 × 10 ⁻⁵
WP	WP-RLMPDT.001	7.3	1.8 × 10 ⁰	---	---	3.7 × 10 ⁻⁷	5.9 × 10 ⁻⁷	7.1 × 10 ⁻¹	7.4 × 10 ⁰	1.9 × 10 ⁰	3.7 × 10 ¹	2.1 × 10 ⁻⁴	---	---	4.0 × 10 ⁻¹⁷	9.2 × 10 ⁻¹²	1.4 × 10 ⁻¹⁸	1.3 × 10 ⁻¹²	2.0 × 10 ⁻⁶	7.3 × 10 ⁻⁹	5.7 × 10 ⁻⁸	3.1 × 10 ⁻¹⁴
WP	WP-RLNPDT.002	90.7	2.4 × 10 ¹	9.6 × 10 ⁻⁵	---	2.3 × 10 ⁻⁴	1.5 × 10 ⁻⁵	6.8 × 10 ⁰	7.2 × 10 ¹	1.9 × 10 ¹	4.3 × 10 ²	2.1 × 10 ⁻³	---	---	4.0 × 10 ⁻¹⁵	3.5 × 10 ⁻¹⁰	5.7 × 10 ⁻¹⁷	6.4 × 10 ⁻¹¹	3.9 × 10 ⁻⁵	1.4 × 10 ⁻⁷	1.2 × 10 ⁻⁶	6.2 × 10 ⁻¹³
WP	WP-SR2001.001.00	61.7	4.2 × 10 ¹	---	---	6.0 × 10 ⁻⁵	2.5 × 10 ⁻⁷	7.8 × 10 ¹	6.8 × 10 ⁰	1.4 × 10 ⁰	2.3 × 10 ¹	1.4 × 10 ⁻⁴	---	---	6.4 × 10 ⁻¹⁷	4.0 × 10 ⁻¹¹	4.0 × 10 ⁻¹⁸	1.0 × 10 ⁻¹²	4.5 × 10 ⁻⁶	1.3 × 10 ⁻⁸	8.1 × 10 ⁻⁸	4.1 × 10 ⁻¹⁴
WP	WP-SR-W027-221F-HETA	141.1	5.4 × 10 ⁰	---	---	9.0 × 10 ⁻⁵	2.9 × 10 ⁻⁵	2.3 × 10 ⁰	2.0 × 10 ¹	5.5 × 10 ⁰	1.1 × 10 ²	1.8 × 10 ⁻³	---	---	1.1 × 10 ⁻⁵	1.7 × 10 ⁻⁶	4.0 × 10 ⁻¹⁸	1.1 × 10 ⁻¹	1.9 × 10 ⁻¹	6.2 × 10 ⁻⁵	1.6 × 10 ⁻⁷	1.5 × 10 ⁻²
Total:	---	168460.0	4.01 × 10 ⁵	2.10 × 10 ¹	1.16 × 10 ¹	9.65 × 10 ³	4.80 × 10 ⁰	1.61 × 10 ⁶	6.60 × 10 ⁵	1.07 × 10 ⁵	2.40 × 10 ⁶	2.67 × 10 ¹	1.3 × 10 ⁻⁶	5.8 × 10 ⁴	1.6 × 10 ⁰	1.0 × 10 ⁻¹	6.6 × 10 ⁰	1.2 × 10 ³	1.7 × 10 ²	1.3 × 10 ⁰	1.3 × 10 ⁻¹	2.4 × 10 ¹

¹Decayed through December 31, 2001

¹Decayed through December 31, 2001

Table DATA-F-E-2. Scaled Volume and Activities of Selected Radionuclides for each RH-Waste Stream¹

Site	Waste Stream ID#	Scaled Volume (m ³)	Scaled Total Curies of Each Radionuclide For Each Waste Stream									
			²⁴¹ Am	²⁴³ Am	²⁴⁴ Cm	¹³⁷ Cs	²³⁷ Np	²³⁸ Pu	²³⁹ Pu	²⁴⁰ Pu	²⁴¹ Pu	²⁴² Pu
AE	AE-T009	33.0	2.8 × 10 ⁰	8.8 × 10 ⁻⁶	5.2 × 10 ⁻²	1.3 × 10 ¹	4.6 × 10 ⁻⁴	2.5 × 10 ⁰	4.8 × 10 ⁰	1.1 × 10 ⁰	8.2 × 10 ⁰	---
AW	AW-T031.1322	4.6	1.1 × 10 ⁻¹	5.2 × 10 ⁻⁵	4.3 × 10 ⁻⁴	1.3 × 10 ²	1.7 × 10 ⁻⁴	1.2 × 10 ⁻¹	3.0 × 10 ⁰	1.9 × 10 ⁰	3.2 × 10 ⁰	5.3 × 10 ⁻⁵
AW	AW-W012.10	3.5	8.2 × 10 ⁻²	4.0 × 10 ⁻⁵	3.3 × 10 ⁻⁴	1.0 × 10 ²	1.3 × 10 ⁻⁴	8.9 × 10 ⁻²	2.3 × 10 ⁰	1.5 × 10 ⁰	2.4 × 10 ⁰	4.1 × 10 ⁻⁵
AW	AW-W020.13	16.5	6.7 × 10 ⁰	---	---	2.9 × 10 ²	1.4 × 10 ⁻⁴	---	9.3 × 10 ⁰	2.9 × 10 ⁰	6.1 × 10 ²	---
AW	AW-W026	6.2	1.1 × 10 ⁰	---	---	1.3 × 10 ⁰	2.2 × 10 ⁻⁶	---	2.0 × 10 ⁻¹	---	---	---
AW	AW-W028	3.3	---	---	---	8.9 × 10 ⁻¹	---	---	8.8 × 10 ⁻²	4.7 × 10 ⁻³	---	---
AW	AW-W046	0.5	8.2 × 10 ⁻²	---	---	9.2 × 10 ⁻²	1.6 × 10 ⁻⁷	---	1.4 × 10 ⁻²	---	---	---
AW	AW-W047	0.5	8.2 × 10 ⁻²	---	---	9.2 × 10 ⁻²	1.6 × 10 ⁻⁷	---	1.4 × 10 ⁻²	---	---	---
AW	AW-W048	0.8	1.4 × 10 ⁻¹	---	---	1.5 × 10 ⁻¹	2.7 × 10 ⁻⁷	---	2.4 × 10 ⁻²	---	---	---
BC	BCLRH-MT01	0.9	2.6 × 10 ⁰	1.9 × 10 ⁻²	2.1 × 10 ⁰	5.1 × 10 ¹	2.3 × 10 ⁻⁴	2.5 × 10 ⁰	3.2 × 10 ⁻¹	5.1 × 10 ⁻¹	4.1 × 10 ¹	1.5 × 10 ⁻³
BC	BCLRH-T001	0.9	1.8 × 10 ⁻²	1.3 × 10 ⁻⁴	1.4 × 10 ⁻²	3.5 × 10 ⁻¹	1.6 × 10 ⁻⁶	1.7 × 10 ⁻²	2.2 × 10 ⁻³	3.6 × 10 ⁻³	2.9 × 10 ⁻¹	1.1 × 10 ⁻⁵
BC	BCLRH-T002	1.8	9.5 × 10 ⁻¹	---	4.9 × 10 ⁻¹	8.3 × 10 ⁻¹	---	1.1 × 10 ⁰	1.2 × 10 ⁻¹	1.9 × 10 ⁻¹	---	---
BC	BCLRH-T003	16.2	2.3 × 10 ⁰	1.7 × 10 ⁻²	1.9 × 10 ⁰	4.6 × 10 ¹	2.1 × 10 ⁻⁴	2.2 × 10 ⁰	2.9 × 10 ⁻¹	4.7 × 10 ⁻¹	3.8 × 10 ¹	1.4 × 10 ⁻³
BC	BCLRH-T004	14.4	6.6 × 10 ¹	5.0 × 10 ⁻¹	5.3 × 10 ¹	1.3 × 10 ³	6.0 × 10 ⁻³	6.4 × 10 ¹	8.2 × 10 ⁰	1.3 × 10 ¹	1.1 × 10 ³	4.0 × 10 ⁻²
BC	BCLRH-T005	0.9	3.6 × 10 ⁰	2.7 × 10 ⁻²	2.9 × 10 ⁰	7.2 × 10 ¹	3.3 × 10 ⁻⁴	3.5 × 10 ⁰	4.5 × 10 ⁻¹	7.3 × 10 ⁻¹	5.9 × 10 ¹	2.2 × 10 ⁻³
BC	BCLRH-T006	0.9	8.5 × 10 ⁻¹	6.4 × 10 ⁻³	6.9 × 10 ⁻¹	1.7 × 10 ¹	7.7 × 10 ⁻⁵	8.2 × 10 ⁻¹	1.1 × 10 ⁻¹	1.7 × 10 ⁻¹	1.4 × 10 ¹	5.2 × 10 ⁻⁴
BC	BCLRH-T007	0.9	7.0 × 10 ⁻³	5.3 × 10 ⁻⁵	5.7 × 10 ⁻³	1.4 × 10 ⁻¹	6.3 × 10 ⁻⁷	6.8 × 10 ⁻³	8.7 × 10 ⁻⁴	1.4 × 10 ⁻³	1.1 × 10 ⁻¹	4.2 × 10 ⁻⁶
BC	BCLRH-T008	0.9	8.4 × 10 ⁻²	6.3 × 10 ⁻⁴	6.8 × 10 ⁻²	1.7 × 10 ⁰	7.6 × 10 ⁻⁶	8.1 × 10 ⁻²	1.0 × 10 ⁻²	1.7 × 10 ⁻²	1.4 × 10 ⁰	5.1 × 10 ⁻⁵
BC	BCLRH-T009	1.8	5.7 × 10 ⁻¹	4.2 × 10 ⁻³	4.6 × 10 ⁻¹	1.1 × 10 ¹	5.1 × 10 ⁻⁵	5.5 × 10 ⁻¹	7.0 × 10 ⁻²	1.1 × 10 ⁻¹	9.2 × 10 ⁰	3.4 × 10 ⁻⁴
BC	BCLRH-T010	0.9	5.0 × 10 ⁰	7.0 × 10 ⁻²	3.7 × 10 ⁰	7.2 × 10 ²	4.5 × 10 ⁻³	1.5 × 10 ⁻²	1.3 × 10 ⁻³	1.6 × 10 ⁻²	1.8 × 10 ⁻¹	9.6 × 10 ⁻⁶
BC	BCLRH-T011	4.4	6.0 × 10 ⁻²	---	2.4 × 10 ⁻²	7.2 × 10 ⁻¹	---	3.5 × 10 ⁻²	1.3 × 10 ⁻²	---	---	---
BT	BT-T001	2.0	2.5 × 10 ⁰	1.2 × 10 ⁻²	7.6 × 10 ⁻¹	6.4 × 10 ³	1.7 × 10 ⁻²	2.8 × 10 ²	2.2 × 10 ⁻¹	4.5 × 10 ⁻¹	4.8 × 10 ¹	3.5 × 10 ⁻³
ET	ET-R1-DLR	4.1	9.4 × 10 ⁻²	---	---	9.8 × 10 ⁰	2.4 × 10 ⁻⁷	1.5 × 10 ⁻²	6.1 × 10 ⁻¹	1.1 × 10 ⁻¹	3.5 × 10 ⁻¹	---
ET	ET-R2-D107	0.9	5.5 × 10 ⁻¹	---	---	5.1 × 10 ⁻²	2.4 × 10 ⁻⁶	---	4.6 × 10 ⁻¹	1.6 × 10 ⁻¹	1.9 × 10 ⁰	---
IN	IN-AE-AGHC-01	184.2	2.9 × 10 ⁻¹	---	---	2.0 × 10 ²	3.5 × 10 ⁻⁷	---	1.9 × 10 ¹	7.6 × 10 ⁰	2.2 × 10 ¹	---
IN	IN-AW-161	0.9	---	---	---	6.4 × 10 ⁻¹	---	---	2.5 × 10 ⁰	5.3 × 10 ⁻²	---	---
IN	IN-INTEC-SFS-01	0.9	5.8 × 10 ⁻¹	---	---	5.1 × 10 ⁰	7.0 × 10 ⁻⁷	2.0 × 10 ⁰	2.4 × 10 ⁻¹	2.8 × 10 ⁻¹	4.4 × 10 ¹	1.0 × 10 ⁻³
IN	IN-NRF-153	8.9	4.7 × 10 ⁻³	---	---	---	5.7 × 10 ⁻⁹	3.0 × 10 ⁻¹	3.6 × 10 ⁻³	3.9 × 10 ⁻³	3.6 × 10 ⁻¹	1.3 × 10 ⁻⁵
IN	IN-TRA-150	2.7	2.9 × 10 ¹	---	---	---	6.6 × 10 ⁻⁵	3.2 × 10 ¹	---	---	---	---
IN	IN-TRA-157	3.6	1.9 × 10 ⁻¹	---	---	2.5 × 10 ⁻¹	4.2 × 10 ⁻⁷	1.6 × 10 ⁻¹	4.3 × 10 ⁻³	---	---	---
IN	IN-W358.949	6.1	---	---	---	---	---	2.7 × 10 ³	1.3 × 10 ¹	2.5 × 10 ¹	---	---
IN	IN-W372.918	11.9	4.2 × 10 ⁻¹	---	---	5.6 × 10 ⁻¹	9.5 × 10 ⁻⁷	3.5 × 10 ⁻¹	9.8 × 10 ⁻³	---	---	---
KA	KA-T001	21.1	4.7 × 10 ⁻³	8.2 × 10 ⁻⁶	2.4 × 10 ⁻⁴	1.2 × 10 ¹	1.3 × 10 ⁻⁴	4.4 × 10 ⁻¹	1.2 × 10 ⁻³	3.0 × 10 ⁻⁴	4.2 × 10 ⁻²	1.1 × 10 ⁻⁶
KA	KA-W016	2.1	4.8 × 10 ⁻⁴	8.4 × 10 ⁻⁷	2.4 × 10 ⁻⁵	1.2 × 10 ⁰	1.3 × 10 ⁻⁵	4.5 × 10 ⁻²	1.2 × 10 ⁻⁴	3.0 × 10 ⁻⁵	4.3 × 10 ⁻³	1.1 × 10 ⁻⁷

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Table DATA-F-E-2. Scaled Volume and Activities of Selected Radionuclides for each RH-Waste Stream¹ — Continued

Site	Waste Stream ID#	Scaled Volume (m ³)	Scaled Total Curies of Each Radionuclide For Each Waste Stream									
			²⁴¹ Am	²⁴³ Am	²⁴⁴ Cm	¹³⁷ Cs	²³⁷ Np	²³⁸ Pu	²³⁹ Pu	²⁴⁰ Pu	²⁴¹ Pu	²⁴² Pu
LA	LA-TA-03-27	124.6	2.5 × 10 ⁻²	---	---	1.6 × 10 ¹	1.6 × 10 ⁻⁷	1.3 × 10 ⁻²	2.5 × 10 ⁰	2.7 × 10 ⁻²	2.2 × 10 ⁻¹	1.6 × 10 ⁻⁵
OR	OR-W211	13.1	2.5 × 10 ⁻¹	1.6 × 10 ⁻²	1.4 × 10 ¹	5.6 × 10 ⁻¹	1.3 × 10 ⁻⁶	1.5 × 10 ⁻²	3.1 × 10 ⁻³	1.8 × 10 ⁻¹	8.9 × 10 ⁻¹	7.0 × 10 ⁻⁴
OR	OR-W212	33.2	6.4 × 10 ⁻¹	4.0 × 10 ⁻²	3.6 × 10 ¹	1.4 × 10 ⁰	3.4 × 10 ⁻⁶	3.8 × 10 ⁻²	7.7 × 10 ⁻³	4.6 × 10 ⁻¹	2.2 × 10 ⁰	1.8 × 10 ⁻³
OR	OR-W213	33.8	1.8 × 10 ⁻⁶	1.2 × 10 ⁻⁹	5.3 × 10 ⁻⁸	5.4 × 10 ⁻⁵	2.9 × 10 ⁻⁹	7.9 × 10 ⁻⁷	1.9 × 10 ⁻⁶	1.9 × 10 ⁻⁶	1.2 × 10 ⁻⁶	1.0 × 10 ⁻⁹
OR	OR-W214	0.3	3.8 × 10 ⁻²	---	1.9 × 10 ⁻³	3.0 × 10 ⁻¹	7.1 × 10 ⁻⁶	5.6 × 10 ⁻³	6.1 × 10 ⁻²	4.8 × 10 ⁻⁶	---	---
OR	OR-W215	33.0	5.5 × 10 ¹	---	1.5 × 10 ²	2.7 × 10 ³	3.0 × 10 ⁻⁴	4.2 × 10 ¹	2.3 × 10 ¹	5.2 × 10 ⁰	2.3 × 10 ¹	9.8 × 10 ⁻³
RL	RL-T121	53.4	---	---	---	3.0 × 10 ¹	---	9.5 × 10 ⁻¹	6.2 × 10 ⁰	3.1 × 10 ⁰	1.5 × 10 ²	9.2 × 10 ⁻⁵
RL	RL-T124	0.9	---	---	---	2.5 × 10 ¹	---	---	---	---	---	---
RL	RL-T147	27.6	9.9 × 10 ⁰	---	---	2.1 × 10 ³	---	5.2 × 10 ¹	3.4 × 10 ²	1.7 × 10 ²	8.0 × 10 ³	5.0 × 10 ⁻³
RL	RL-T148	24.0	---	---	---	4.0 × 10 ⁴	---	5.7 × 10 ¹	3.7 × 10 ²	1.9 × 10 ²	8.8 × 10 ³	5.5 × 10 ⁻³
RL	RL-T149	69.4	---	---	---	1.9 × 10 ³	---	2.7 × 10 ⁻¹	1.8 × 10 ⁰	8.8 × 10 ⁻¹	4.2 × 10 ¹	2.6 × 10 ⁻⁵
RL	RL-W161	5.3	---	---	---	7.5 × 10 ⁻¹	---	1.1 × 10 ⁻²	7.2 × 10 ⁻²	3.6 × 10 ⁻²	1.7 × 10 ⁰	1.1 × 10 ⁻⁶
RL	RL-W162	18.7	---	---	---	5.4 × 10 ⁰	---	1.1 × 10 ⁻⁴	7.5 × 10 ⁻⁴	3.7 × 10 ⁻⁴	1.8 × 10 ⁻²	1.1 × 10 ⁻⁸
RL	RL-W419	0.6	1.9 × 10 ⁻⁵	---	---	---	---	7.8 × 10 ⁻⁶	2.9 × 10 ⁻⁴	6.4 × 10 ⁻⁵	1.1 × 10 ⁻³	3.9 × 10 ⁻⁹
RL	RL-W420	4.6	3.7 × 10 ⁻³	---	---	---	---	1.2 × 10 ⁻³	4.5 × 10 ⁻²	1.0 × 10 ⁻²	1.5 × 10 ⁻¹	6.1 × 10 ⁻⁷
RL	RL-W421	54.2	1.7 × 10 ⁻³	---	---	---	---	6.9 × 10 ⁻⁴	2.5 × 10 ⁻²	5.7 × 10 ⁻³	9.7 × 10 ⁻²	3.4 × 10 ⁻⁷
RL	RL-W424	174.2	6.6 × 10 ¹	---	---	9.2 × 10 ¹	---	1.6 × 10 ¹	4.0 × 10 ¹	2.3 × 10 ¹	6.3 × 10 ²	7.8 × 10 ⁻³
RL	RL-W425	203.2	3.6 × 10 ⁻¹	---	---	---	---	3.5 × 10 ⁻¹	4.3 × 10 ⁻³	7.7 × 10 ⁻³	1.9 × 10 ¹	3.9 × 10 ⁻⁹
RL	RL-W426	19.9	3.8 × 10 ⁻²	---	---	1.9 × 10 ⁰	3.4 × 10 ⁻⁷	8.9 × 10 ⁻³	2.2 × 10 ⁻²	1.2 × 10 ⁻²	3.6 × 10 ⁻¹	4.4 × 10 ⁻⁶
RL	RL-W427	119.6	4.5 × 10 ¹	---	---	6.3 × 10 ¹	---	1.1 × 10 ¹	2.8 × 10 ¹	1.6 × 10 ¹	4.3 × 10 ²	5.4 × 10 ⁻³
RL	RL-W428	3.7	6.5 × 10 ⁻³	---	---	---	---	6.3 × 10 ⁻³	7.7 × 10 ⁻⁵	1.4 × 10 ⁻⁴	3.4 × 10 ⁻¹	7.0 × 10 ⁻¹¹
RL	RL-W429	371.3	1.4 × 10 ²	---	---	2.0 × 10 ²	---	3.4 × 10 ¹	8.5 × 10 ¹	4.8 × 10 ¹	1.3 × 10 ³	1.7 × 10 ⁻²
RL	RL-W430	106.8	1.9 × 10 ⁻¹	---	---	---	---	1.8 × 10 ⁻¹	2.2 × 10 ⁻³	4.0 × 10 ⁻³	9.9 × 10 ⁰	2.1 × 10 ⁻⁹
RL	RL-W431	1.5	6.2 × 10 ⁰	---	---	---	---	1.5 × 10 ⁰	1.6 × 10 ⁻²	1.3 × 10 ⁻²	4.0 × 10 ²	5.6 × 10 ⁻⁹
RL	RL-W432	6.1	1.2 × 10 ⁻²	---	---	6.0 × 10 ⁻¹	1.0 × 10 ⁻⁷	2.8 × 10 ⁻³	6.7 × 10 ⁻³	3.8 × 10 ⁻³	1.1 × 10 ⁻¹	1.3 × 10 ⁻⁶
RL	RL-W433	7.5	1.3 × 10 ⁻²	---	---	---	---	1.3 × 10 ⁻²	1.6 × 10 ⁻⁴	2.8 × 10 ⁻⁴	6.9 × 10 ⁻¹	1.4 × 10 ⁻¹⁰
RL	RL-W434	430.8	1.6 × 10 ²	---	---	2.3 × 10 ²	---	3.9 × 10 ¹	9.9 × 10 ¹	5.6 × 10 ¹	1.6 × 10 ³	1.9 × 10 ⁻²
RL	RL-W436	83.9	1.2 × 10 ¹	---	---	---	---	7.9 × 10 ⁰	5.0 × 10 ⁻¹	4.2 × 10 ⁻¹	---	3.1 × 10 ⁻⁷
RL	RL-W445	35.0	8.7 × 10 ¹	---	---	3.9 × 10 ¹	---	3.2 × 10 ¹	2.5 × 10 ⁻¹	4.4 × 10 ⁻¹	1.0 × 10 ⁴	---
RL	RL-W446	22.3	2.2 × 10 ²	---	---	3.9 × 10 ¹	---	2.5 × 10 ¹	2.4 × 10 ⁻¹	5.2 × 10 ⁻¹	1.9 × 10 ⁴	3.7 × 10 ⁻⁶
RL	RL-W613	45.4	7.2 × 10 ¹	---	---	4.2 × 10 ⁴	---	3.3 × 10 ⁰	6.3 × 10 ⁰	1.5 × 10 ⁰	4.8 × 10 ¹	5.8 × 10 ⁻²
RL	RL-W614	18.8	1.7 × 10 ²	---	---	3.8 × 10 ⁴	---	8.6 × 10 ⁰	1.6 × 10 ⁰	1.6 × 10 ⁰	7.7 × 10 ¹	2.6 × 10 ⁻³
RL	RL-W616	5.3	1.3 × 10 ¹	---	---	3.0 × 10 ³	---	5.6 × 10 ⁻¹	1.8 × 10 ⁻¹	1.7 × 10 ⁻¹	8.0 × 10 ⁰	2.9 × 10 ⁻⁴
RL	RL-W617	1.8	5.9 × 10 ⁻¹	---	---	1.4 × 10 ²	---	2.7 × 10 ⁻²	8.2 × 10 ⁻³	8.0 × 10 ⁻³	4.0 × 10 ⁻¹	1.3 × 10 ⁻⁵
RL	RL-W618	1.8	6.2 × 10 ⁰	---	---	5.3 × 10 ²	---	1.1 × 10 ⁰	1.4 × 10 ⁻¹	1.3 × 10 ⁻¹	4.5 × 10 ²	2.2 × 10 ⁻⁶
RL	RL-W619	24.9	2.8 × 10 ²	---	---	8.9 × 10 ⁴	---	2.0 × 10 ¹	3.9 × 10 ⁰	3.8 × 10 ⁰	1.8 × 10 ²	5.9 × 10 ⁻³
RL	RL-W620	1.8	1.6 × 10 ⁻¹	---	---	4.0 × 10 ¹	---	7.4 × 10 ⁻³	2.3 × 10 ⁻³	2.3 × 10 ⁻³	1.1 × 10 ⁻¹	3.8 × 10 ⁻⁶

Table DATA-F-E-2. Scaled Volume and Activities of Selected Radionuclides for each RH-Waste Stream¹ — Continued

Site	Waste Stream ID#	Scaled Volume (m ³)	Scaled Total Curies of Each Radionuclide For Each Waste Stream									
			²⁴¹ Am	²⁴³ Am	²⁴⁴ Cm	¹³⁷ Cs	²³⁷ Np	²³⁸ Pu	²³⁹ Pu	²⁴⁰ Pu	²⁴¹ Pu	²⁴² Pu
RL	RL-W621	12.5	7.8×10^{-2}	---	---	1.3×10^1	---	1.4×10^{-1}	1.4×10^{-2}	2.6×10^{-2}	3.7×10^0	1.1×10^{-4}
RL	RL-W623	9.8	3.1×10^{-1}	---	---	3.1×10^2	---	6.8×10^{-2}	1.1×10^{-2}	1.1×10^{-2}	5.3×10^{-1}	1.9×10^{-5}
RL	RL-W658	8.2	1.9×10^{-1}	---	---	1.6×10^1	---	7.0×10^{-1}	4.2×10^{-2}	8.4×10^{-2}	1.7×10^1	---
RL	RL-W663	16.0	6.8×10^2	---	---	8.1×10^1	---	1.1×10^2	6.1×10^0	7.9×10^0	3.4×10^4	3.9×10^{-3}
RL	RL-W664	2.7	1.4×10^{-2}	---	---	1.2×10^0	---	5.2×10^{-2}	3.2×10^{-3}	6.3×10^{-3}	1.3×10^0	---
RL	RL-W682	2.1	4.0×10^0	---	---	4.6×10^3	---	1.1×10^0	1.3×10^0	1.2×10^0	2.2×10^1	8.1×10^{-4}
RL	RL-W683	0.9	3.8×10^1	---	---	6.7×10^3	---	6.8×10^1	9.5×10^1	6.5×10^1	5.5×10^3	6.3×10^{-2}
RL	RL-W686	0.9	1.5×10^{-3}	---	---	2.1×10^{-1}	---	4.9×10^{-4}	3.4×10^{-3}	1.7×10^{-3}	5.5×10^{-2}	5.0×10^{-8}
RL	RL-W687	0.9	9.5×10^{-1}	---	---	7.9×10^0	---	2.9×10^{-1}	2.1×10^0	1.0×10^0	3.2×10^1	3.0×10^{-5}
RL	RL-W688	0.9	3.7×10^0	---	---	1.8×10^1	---	1.2×10^0	8.1×10^0	4.0×10^0	1.3×10^2	1.2×10^{-4}
RL	RL-W701	0.9	2.9×10^{-8}	---	---	---	---	8.2×10^{-9}	3.1×10^{-7}	7.0×10^{-8}	9.3×10^{-7}	4.2×10^{-12}
RP	RP-W013	525.1	2.4×10^3	---	---	4.9×10^4	6.0×10^{-1}	1.8×10^{-1}	3.1×10^3	6.9×10^2	1.8×10^4	1.6×10^{-1}
RP	RP-W016	3943.6	9.0×10^3	---	---	7.5×10^4	3.7×10^{-2}	9.9×10^0	1.1×10^3	3.4×10^2	3.5×10^2	5.2×10^{-2}
SA	SA-W135	4.6	2.1×10^1	---	4.2×10^{-1}	4.9×10^2	9.0×10^{-4}	4.2×10^0	2.8×10^0	4.3×10^{-1}	2.5×10^{-2}	---
SR	T003-773A-HET	3.9	---	7.1×10^{-3}	---	1.1×10^1	---	6.2×10^{-1}	8.2×10^{-7}	---	---	---
Total:	---	7078.0	1.4×10^4	7.2×10^{-1}	2.7×10^2	3.7×10^5	6.7×10^{-1}	3.6×10^3	5.4×10^3	1.7×10^3	1.1×10^5	4.7×10^{-1}

1 ^{a1}Decayed through December 31, 2001

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Table DATA-F-E-2. Scaled Volume and Activities of Selected Radionuclides for each RH-Waste Stream¹ — Continued

Site	Waste Stream ID#	Scaled Volume (m ³)	Scaled Total Curies of Each Radionuclide For Each Waste Stream									
			²⁴⁴ Pu	⁹⁰ Sr	²²⁹ Th	²³⁰ Th	²³² Th	²³³ U	²³⁴ U	²³⁵ U	²³⁶ U	²³⁸ U
AE	AE-T009	33.0	---	7.1 × 10 ⁰	1.3 × 10 ⁻⁷	2.7 × 10 ⁻⁸	5.7 × 10 ⁻¹⁶	5.1 × 10 ⁻⁵	2.2 × 10 ⁻⁴	4.3 × 10 ⁻⁵	8.5 × 10 ⁻⁷	1.7 × 10 ⁻⁵
AW	AW-T031.1322	4.6	---	1.2 × 10 ²	2.7 × 10 ⁻¹¹	3.4 × 10 ⁻⁸	4.6 × 10 ⁻¹⁵	5.0 × 10 ⁻⁸	6.3 × 10 ⁻⁴	2.1 × 10 ⁻⁵	1.6 × 10 ⁻⁵	1.7 × 10 ⁻⁶
AW	AW-W012.10	3.5	---	9.0 × 10 ¹	2.0 × 10 ⁻¹¹	2.6 × 10 ⁻⁸	3.5 × 10 ⁻¹⁵	3.8 × 10 ⁻⁸	4.8 × 10 ⁻⁴	1.6 × 10 ⁻⁵	1.2 × 10 ⁻⁵	1.3 × 10 ⁻⁶
AW	AW-W020.13	16.5	---	5.6 × 10 ¹	1.0 × 10 ⁻⁴	1.9 × 10 ⁻⁷	7.6 × 10 ⁻¹⁷	1.8 × 10 ⁻¹	3.5 × 10 ⁻³	2.3 × 10 ⁻³	5.2 × 10 ⁻⁷	3.8 × 10 ⁻⁴
AW	AW-W026	6.2	---	4.5 × 10 ⁰	5.2 × 10 ⁻¹⁵	1.2 × 10 ⁻¹⁵	---	2.8 × 10 ⁻¹¹	4.6 × 10 ⁻¹¹	2.0 × 10 ⁻⁵	---	2.8 × 10 ⁻⁶
AW	AW-W028	3.3	---	2.5 × 10 ⁰	---	1.1 × 10 ⁻¹⁵	1.2 × 10 ⁻¹⁹	---	4.1 × 10 ⁻¹¹	4.6 × 10 ⁻⁶	8.3 × 10 ⁻¹⁰	2.5 × 10 ⁻⁶
AW	AW-W046	0.5	---	3.3 × 10 ⁻¹	3.9 × 10 ⁻¹⁶	9.2 × 10 ⁻¹⁷	---	2.1 × 10 ⁻¹²	3.4 × 10 ⁻¹²	1.5 × 10 ⁻⁶	---	2.0 × 10 ⁻⁷
AW	AW-W047	0.5	---	3.3 × 10 ⁻¹	3.9 × 10 ⁻¹⁶	9.2 × 10 ⁻¹⁷	---	2.1 × 10 ⁻¹²	3.4 × 10 ⁻¹²	1.5 × 10 ⁻⁶	---	2.0 × 10 ⁻⁷
AW	AW-W048	0.8	---	5.5 × 10 ⁻¹	6.4 × 10 ⁻¹⁶	1.5 × 10 ⁻¹⁶	---	3.4 × 10 ⁻¹²	5.7 × 10 ⁻¹²	2.5 × 10 ⁻⁶	---	3.4 × 10 ⁻⁷
BC	BCLRH-MT01	0.9	---	3.3 × 10 ¹	---	---	---	2.7 × 10 ⁻⁸	8.8 × 10 ⁻⁴	1.3 × 10 ⁻⁵	1.7 × 10 ⁻⁴	2.5 × 10 ⁻⁴
BC	BCLRH-T001	0.9	---	2.3 × 10 ⁻¹	---	---	---	1.9 × 10 ⁻¹⁰	6.1 × 10 ⁻⁶	8.9 × 10 ⁻⁸	1.2 × 10 ⁻⁶	1.7 × 10 ⁻⁶
BC	BCLRH-T002	1.8	---	3.4 × 10 ¹	---	---	---	1.6 × 10 ⁻⁸	5.2 × 10 ⁻⁴	7.8 × 10 ⁻⁶	1.0 × 10 ⁻⁴	1.5 × 10 ⁻⁴
BC	BCLRH-T003	16.2	---	3.0 × 10 ¹	---	---	---	2.5 × 10 ⁻⁸	8.0 × 10 ⁻⁴	1.2 × 10 ⁻⁵	1.5 × 10 ⁻⁴	2.2 × 10 ⁻⁴
BC	BCLRH-T004	14.4	---	8.7 × 10 ²	---	---	---	7.1 × 10 ⁻⁷	2.3 × 10 ⁻²	3.3 × 10 ⁻⁴	4.4 × 10 ⁻³	6.5 × 10 ⁻³
BC	BCLRH-T005	0.9	---	4.7 × 10 ¹	---	---	---	3.9 × 10 ⁻⁸	1.3 × 10 ⁻³	1.8 × 10 ⁻⁵	2.4 × 10 ⁻⁴	3.6 × 10 ⁻⁴
BC	BCLRH-T006	0.9	---	1.1 × 10 ¹	---	---	---	9.2 × 10 ⁻⁹	2.9 × 10 ⁻⁴	4.3 × 10 ⁻⁶	5.7 × 10 ⁻⁵	8.3 × 10 ⁻⁵
BC	BCLRH-T007	0.9	---	9.3 × 10 ⁻²	---	---	---	7.5 × 10 ⁻¹¹	2.4 × 10 ⁻⁶	3.6 × 10 ⁻⁸	4.7 × 10 ⁻⁷	6.9 × 10 ⁻⁷
BC	BCLRH-T008	0.9	---	1.1 × 10 ⁰	---	---	---	9.0 × 10 ⁻¹⁰	2.9 × 10 ⁻⁵	4.2 × 10 ⁻⁷	5.6 × 10 ⁻⁶	8.2 × 10 ⁻⁶
BC	BCLRH-T009	1.8	---	7.4 × 10 ⁰	---	---	---	6.1 × 10 ⁻⁹	2.0 × 10 ⁻⁴	2.8 × 10 ⁻⁶	3.8 × 10 ⁻⁵	5.5 × 10 ⁻⁵
BC	BCLRH-T010	0.9	---	3.9 × 10 ²	---	---	---	4.3 × 10 ⁻⁷	5.4 × 10 ⁻⁶	4.9 × 10 ⁻⁸	1.1 × 10 ⁻⁶	1.3 × 10 ⁻⁶
BC	BCLRH-T011	4.4	---	3.9 × 10 ⁻¹	---	---	---	---	2.5 × 10 ⁻⁵	9.0 × 10 ⁻⁷	---	5.4 × 10 ⁻⁶
BT	BT-T001	2.0	2.0 × 10 ⁻¹⁰	6.4 × 10 ³	---	---	1.7 × 10 ⁻¹¹	---	6.0 × 10 ⁻¹	7.8 × 10 ⁻³	8.9 × 10 ⁻²	3.6 × 10 ⁻⁵
ET	ET-R1-DLR	4.1	---	9.5 × 10 ⁰	1.0 × 10 ⁻¹⁵	1.4 × 10 ⁻¹¹	5.3 × 10 ⁻¹⁸	4.1 × 10 ⁻¹²	4.0 × 10 ⁻⁷	9.0 × 10 ⁻⁴	2.7 × 10 ⁻⁸	2.2 × 10 ⁻³
ET	ET-R2-D107	0.9	---	3.6 × 10 ⁻²	3.1 × 10 ⁻¹⁴	---	2.3 × 10 ⁻¹⁷	7.2 × 10 ⁻¹¹	---	6.4 × 10 ⁻⁹	6.7 × 10 ⁻⁸	---
IN	IN-AE-AGHC-01	184.2	---	---	6.1 × 10 ⁻¹⁶	---	2.7 × 10 ⁻¹⁶	3.7 × 10 ⁻¹²	---	1.3 × 10 ⁻³	1.6 × 10 ⁻⁶	---
IN	IN-AW-161	0.9	---	---	---	---	1.9 × 10 ⁻¹⁸	---	---	1.5 × 10 ⁻⁶	1.1 × 10 ⁻⁸	---
IN	IN-INTEC-SFS-01	0.9	---	---	1.2 × 10 ⁻¹⁵	1.3 × 10 ⁻⁹	1.0 × 10 ⁻¹⁷	7.2 × 10 ⁻¹²	4.1 × 10 ⁻⁵	8.6 × 10 ⁻⁶	5.8 × 10 ⁻⁸	1.1 × 10 ⁻¹²
IN	IN-NRF-153	8.9	---	---	9.8 × 10 ⁻¹⁸	2.0 × 10 ⁻¹⁰	1.4 × 10 ⁻¹⁹	5.9 × 10 ⁻¹⁴	6.2 × 10 ⁻⁶	5.3 × 10 ⁻⁵	8.1 × 10 ⁻¹⁰	1.4 × 10 ⁻¹⁴
IN	IN-TRA-150	2.7	---	---	2.2 × 10 ⁻¹³	2.1 × 10 ⁻⁵	---	9.9 × 10 ⁻¹⁰	6.5 × 10 ⁻⁴	---	---	---
IN	IN-TRA-157	3.6	---	---	1.4 × 10 ⁻¹⁵	1.0 × 10 ⁻¹⁰	---	6.4 × 10 ⁻¹²	3.2 × 10 ⁻⁶	3.0 × 10 ⁻¹¹	---	---
IN	IN-W358.949	6.1	---	---	---	1.7 × 10 ⁻⁶	8.8 × 10 ⁻¹⁶	---	5.5 × 10 ⁻²	8.9 × 10 ⁻⁸	5.1 × 10 ⁻⁶	---
IN	IN-W372.918	11.9	---	---	3.1 × 10 ⁻¹⁵	2.3 × 10 ⁻¹⁰	---	1.4 × 10 ⁻¹¹	7.2 × 10 ⁻⁶	6.7 × 10 ⁻¹¹	---	---
KA	KA-T001	21.1	2.7 × 10 ⁻¹³	1.1 × 10 ¹	1.5 × 10 ⁻¹⁰	2.2 × 10 ⁻⁷	6.4 × 10 ⁻¹²	6.1 × 10 ⁻⁸	7.5 × 10 ⁻⁴	1.1 × 10 ⁻⁵	1.1 × 10 ⁻⁴	4.9 × 10 ⁻⁸
KA	KA-W016	2.1	2.7 × 10 ⁻¹⁴	1.2 × 10 ⁰	1.5 × 10 ⁻¹¹	2.2 × 10 ⁻⁸	6.5 × 10 ⁻¹³	6.2 × 10 ⁻⁹	7.6 × 10 ⁻⁵	1.1 × 10 ⁻⁶	1.1 × 10 ⁻⁵	5.0 × 10 ⁻⁹
LA	LA-TA-03-27	124.6	---	---	6.1 × 10 ⁻¹⁵	5.5 × 10 ⁻⁹	1.5 × 10 ⁻¹⁶	7.9 × 10 ⁻¹²	2.0 × 10 ⁻⁵	1.0 × 10 ⁻⁴	1.1 × 10 ⁻⁷	4.4 × 10 ⁻⁷
OR	OR-W211	13.1	6.8 × 10 ⁻¹¹	4.1 × 10 ⁰	2.5 × 10 ⁻¹⁴	6.2 × 10 ⁻¹¹	3.4 × 10 ⁻¹⁷	4.8 × 10 ⁻¹¹	7.9 × 10 ⁻⁷	5.1 × 10 ⁻¹¹	8.3 × 10 ⁻⁸	1.8 × 10 ⁻¹²

Table DATA-F-E-2. Scaled Volume and Activities of Selected Radionuclides for each RH-Waste Stream¹ — Continued

Site	Waste Stream ID#	Scaled Volume (m ³)	Scaled Total Curies of Each Radionuclide For Each Waste Stream									
			²⁴⁴ Pu	⁹⁰ Sr	²²⁹ Th	²³⁰ Th	²³² Th	²³³ U	²³⁴ U	²³⁵ U	²³⁶ U	²³⁸ U
OR	OR-W212	33.2	1.7 × 10 ⁻¹⁰	1.0 × 10 ¹	6.4 × 10 ⁻¹⁴	1.6 × 10 ⁻¹⁰	8.5 × 10 ⁻¹⁷	1.2 × 10 ⁻¹⁰	2.0 × 10 ⁻⁶	1.3 × 10 ⁻¹⁰	2.1 × 10 ⁻⁷	4.5 × 10 ⁻¹²
OR	OR-W213	33.8	---	4.0 × 10 ⁻⁷	2.9 × 10 ⁻⁸	5.3 × 10 ⁻⁹	1.1 × 10 ⁻⁸	7.8 × 10 ⁻⁸	6.7 × 10 ⁻⁸	4.1 × 10 ⁻¹⁰	---	1.3 × 10 ⁻⁹
OR	OR-W214	0.3	---	4.2 × 10 ⁻²	1.1 × 10 ⁻⁶	2.6 × 10 ⁻¹¹	3.9E-22	7.1 × 10 ⁻⁴	3.4 × 10 ⁻⁷	1.0 × 10 ⁻⁹	1.3 × 10 ⁻¹²	1.1 × 10 ⁻³
OR	OR-W215	33.0	1.1 × 10 ⁻³	9.6 × 10 ³	3.7 × 10 ⁻²	3.7 × 10 ⁻⁴	1.7 × 10 ⁻¹	2.3 × 10 ¹	2.4 × 10 ⁰	4.8 × 10 ⁻²	8.4 × 10 ⁻³	2.2 × 10 ⁰
RL	RL-T121	53.4	---	2.8 × 10 ¹	---	---	---	---	---	---	---	---
RL	RL-T124	0.9	---	2.3 × 10 ¹	---	---	1.4 × 10 ⁻⁴	1.8 × 10 ⁻¹	---	---	---	---
RL	RL-T147	27.6	---	1.9 × 10 ³	---	---	2.9 × 10 ⁻⁴	5.1 × 10 ⁻¹	1.2 × 10 ⁰	1.2 × 10 ⁻¹	---	8.9 × 10 ⁻³
RL	RL-T148	24.0	---	3.7 × 10 ⁴	---	---	1.3 × 10 ⁻³	2.7 × 10 ⁻¹	1.6 × 10 ⁰	1.6 × 10 ⁻¹	---	1.1 × 10 ⁻²
RL	RL-T149	69.4	---	1.8 × 10 ³	---	---	4.1 × 10 ⁻²	7.6 × 10 ⁰	4.5 × 10 ⁻³	4.6 × 10 ⁻⁴	---	4.9 × 10 ⁻⁶
RL	RL-W161	5.3	---	6.9 × 10 ⁻¹	---	---	---	---	---	---	---	---
RL	RL-W162	18.7	---	5.0 × 10 ⁰	---	---	---	---	1.7 × 10 ⁻⁶	7.6 × 10 ⁻⁸	---	1.7 × 10 ⁻⁶
RL	RL-W419	0.6	---	---	---	---	---	---	---	---	---	---
RL	RL-W420	4.6	---	---	---	---	---	---	---	---	---	---
RL	RL-W421	54.2	---	---	---	---	---	---	---	---	---	---
RL	RL-W424	174.2	---	7.3 × 10 ¹	---	---	---	---	1.7 × 10 ⁻¹	6.8 × 10 ⁻³	2.3 × 10 ⁻²	1.2 × 10 ⁻¹
RL	RL-W425	203.2	---	---	---	---	---	---	---	---	---	---
RL	RL-W426	19.9	---	1.5 × 10 ⁰	---	---	---	---	3.4 × 10 ⁻⁵	1.3 × 10 ⁻⁶	4.4 × 10 ⁻⁶	2.4 × 10 ⁻⁵
RL	RL-W427	119.6	---	5.0 × 10 ¹	---	---	---	---	1.2 × 10 ⁻¹	4.7 × 10 ⁻³	1.6 × 10 ⁻²	8.4 × 10 ⁻²
RL	RL-W428	3.7	---	---	---	---	---	---	---	---	---	---
RL	RL-W429	371.3	---	1.6 × 10 ²	---	---	---	---	3.7 × 10 ⁻¹	1.4 × 10 ⁻²	4.8 × 10 ⁻²	2.6 × 10 ⁻¹
RL	RL-W430	106.8	---	---	---	---	---	---	---	---	---	---
RL	RL-W431	1.5	---	---	---	---	---	---	---	---	---	---
RL	RL-W432	6.1	---	4.8 × 10 ⁻¹	---	---	---	---	1.0 × 10 ⁻⁵	4.1 × 10 ⁻⁷	1.3 × 10 ⁻⁶	7.3 × 10 ⁻⁶
RL	RL-W433	7.5	---	---	---	---	---	---	---	---	---	---
RL	RL-W434	430.8	---	1.8 × 10 ²	---	---	---	---	4.3 × 10 ⁻¹	1.7 × 10 ⁻²	5.6 × 10 ⁻²	3.0 × 10 ⁻¹
RL	RL-W436	83.9	---	---	---	---	---	---	---	---	---	---
RL	RL-W445	35.0	---	4.0 × 10 ¹	---	---	---	---	---	---	---	---
RL	RL-W446	22.3	---	3.5 × 10 ¹	---	---	---	---	---	---	---	---
RL	RL-W613	45.4	---	2.0 × 10 ⁴	---	---	---	---	---	---	---	---
RL	RL-W614	18.8	---	2.8 × 10 ⁴	---	---	---	---	---	---	---	---
RL	RL-W616	5.3	---	2.9 × 10 ³	---	---	---	---	---	---	---	---
RL	RL-W617	1.8	---	1.4 × 10 ²	---	---	---	---	---	---	---	---
RL	RL-W618	1.8	---	2.1 × 10 ¹	---	---	---	---	---	---	---	---
RL	RL-W619	24.9	---	5.5 × 10 ⁴	---	---	---	---	---	---	---	---
RL	RL-W620	1.8	---	4.0 × 10 ¹	---	---	---	---	---	---	---	---
RL	RL-W621	12.5	---	8.2 × 10 ⁰	---	---	---	---	---	---	---	---
RL	RL-W623	9.8	---	1.7 × 10 ²	---	---	---	---	---	---	---	---

Table DATA-F-E-2. Scaled Volume and Activities of Selected Radionuclides for each RH-Waste Stream¹ — Continued

Site	Waste Stream ID#	Scaled Volume (m ³)	Scaled Total Curies of Each Radionuclide For Each Waste Stream										
			²⁴⁴ Pu	⁹⁰ Sr	²²⁹ Th	²³⁰ Th	²³² Th	²³³ U	²³⁴ U	²³⁵ U	²³⁶ U	²³⁸ U	
RL	RL-W658	8.2	---	3.2×10^1	---	---	---	---	---	---	---	---	---
RL	RL-W663	16.0	---	4.9×10^1	---	---	---	---	---	1.1×10^{-4}	---	---	---
RL	RL-W664	2.7	---	1.7×10^0	---	---	---	---	---	---	---	---	---
RL	RL-W682	2.1	---	1.8×10^3	---	---	---	---	---	2.3×10^{-6}	---	1.2×10^{-3}	---
RL	RL-W683	0.9	---	2.5×10^3	---	---	---	---	3.4×10^{-3}	2.6×10^{-3}	2.1×10^{-4}	2.2×10^{-3}	---
RL	RL-W686	0.9	---	1.9×10^1	---	---	---	---	---	---	---	---	---
RL	RL-W687	0.9	---	7.1×10^0	---	---	---	---	---	---	---	---	---
RL	RL-W688	0.9	---	1.7×10^1	---	---	---	---	---	---	---	---	---
RL	RL-W701	0.9	---	---	---	---	---	---	---	---	---	---	---
RP	RP-W013	525.1	---	5.0×10^4	---	---	---	3.4×10^{-1}	1.9×10^1	8.0×10^{-3}	4.6×10^3	1.6×10^1	---
RP	RP-W016	3943.6	---	2.5×10^4	---	---	---	1.9×10^0	1.4×10^1	5.5×10^{-1}	1.2×10^0	1.3×10^2	---
SA	SA-W135	4.6	---	4.9×10^2	4.6×10^{-12}	3.3×10^7	7.8×10^{-18}	1.9×10^{-8}	7.4×10^{-3}	5.5×10^{-4}	6.3×10^{-8}	1.8×10^{-4}	---
SR	T003-773A-HET	3.9	---	1.0×10^1	---	5.3×10^{-10}	---	---	1.4×10^{-5}	2.1×10^{-15}	---	---	---
Total:	---	7078.0	1.1×10^{-3}	2.5×10^5	3.7×10^{-2}	3.8×10^{-4}	2.2×10^{-1}	3.4×10^1	2.2×10^1	9.4×10^{-1}	1.4×10^0	1.3×10^2	---

¹Decayed through December 31, 2001

REFERENCES

- 1
- 2 *Giambalvo, E. 2002. "Sandia's WIPP Inventory Data Needs for Performance Assessment,"*
3 *Letter to J. Harvill, April 22, 2002, Sandia National Laboratories, Carlsbad, NM. ERMS #*
4 *522011.*
- 5 *Los Alamos National Laboratory (LANL). 2003a. Transuranic Waste Baseline Inventory*
6 *Database, Revision 2.1, Version 3.12, Data Version 0.4.09, ERMS# 526293. Carlsbad, NM:*
7 *Los Alamos National Laboratory.*
- 8 *Los Alamos National Laboratory (LANL). 2003b. Transuranic Waste Inventory 2003 Update*
9 *Report, Computational Methodology, Revision 2, ERMS# 527821. Carlsbad, NM: Los Alamos*
10 *National Laboratory.*
- 11 *Department of Energy (DOE). 1996. Transuranic Waste Baseline Inventory Report, Revision*
12 *3, DOE/CAO-95-1121, June 1996.*