

2017 Gaseous Effluent Data													
Week	Date		H-3 in Air (GBq)			(GBq)		% 2016 SRBT DRL (12 hr. T.J.F. Data)				Weekly Action Levels	
	Initial	Final	HTO	HT	Total	Σ(HTO)	Σ(HTO + HT)	1 year old	10 year old	Adult Resident	Adult Worker	HTO (840 GBq)	HTO+HT (7,753 GBq)
1	27/12/2016	03/01/2017	10.09	9.64	19.73	10.09	19.73	0.00	0.01	0.01	0.01	1%	0%
2	03/01/2017	10/01/2017	67.07	244.54	311.61	77.16	331.34	0.03	0.04	0.04	0.05	8%	4%
3	10/01/2017	17/01/2017	99.40	447.99	547.39	176.56	878.73	0.05	0.06	0.06	0.07	12%	7%
4	17/01/2017	24/01/2017	119.83	289.52	409.35	296.39	1288.08	0.06	0.07	0.06	0.08	14%	5%
5	24/01/2017	31/01/2017	88.41	248.29	336.70	384.80	1624.78	0.04	0.05	0.05	0.06	11%	4%
6	31/01/2017	07/02/2017	39.51	91.96	131.47	424.31	1756.25	0.02	0.02	0.02	0.03	5%	2%
7	07/02/2017	14/02/2017	57.92	252.60	310.52	482.23	2066.77	0.03	0.04	0.03	0.04	7%	4%
8	14/02/2017	21/02/2017	67.14	194.00	261.14	549.37	2327.91	0.03	0.04	0.04	0.04	8%	3%
9	21/02/2017	28/02/2017	111.18	442.69	553.87	660.55	2881.78	0.06	0.07	0.06	0.08	13%	7%
10	28/02/2017	07/03/2017	53.97	248.94	302.91	714.52	3184.69	0.03	0.03	0.03	0.04	6%	4%
11	07/03/2017	14/03/2017	84.02	320.71	404.73	798.54	3589.42	0.04	0.05	0.05	0.06	10%	5%
12	14/03/2017	21/03/2017	54.16	196.52	250.68	852.70	3840.10	0.03	0.03	0.03	0.04	6%	3%
13	21/03/2017	28/03/2017	75.19	348.74	423.93	927.89	4264.03	0.04	0.05	0.04	0.05	9%	5%
14	28/03/2017	04/04/2017	115.14	400.58	515.72	1043.03	4779.75	0.06	0.07	0.06	0.08	14%	7%
15	04/04/2017	04/11/2017	90.09	210.18	300.27	1133.12	5080.02	0.04	0.05	0.05	0.06	11%	4%
16	04/11/2017	04/18/2017	75.78	184.33	260.11	1208.90	5340.13	0.04	0.04	0.04	0.05	9%	3%
17	04/18/2017	04/25/2017	155.54	389.07	544.61	1364.44	5884.74	0.08	0.09	0.08	0.10	19%	7%
18	04/25/2017	05/02/2017	127.63	1147.84	1275.47	1492.07	7160.21	0.08	0.09	0.08	0.10	15%	16%
19	05/02/2017	05/09/2017	85.23	158.88	244.11	1577.30	7404.32	0.04	0.05	0.04	0.06	10%	3%
20	05/09/2017	05/16/2017	208.96	468.47	677.43	1786.26	8081.75	0.10	0.12	0.11	0.14	25%	9%
21	05/16/2017	05/23/2017	175.01	402.26	577.27	1961.27	8659.02	0.08	0.10	0.09	0.11	21%	7%
22	05/23/2017	05/30/2017	135.67	249.04	384.71	2096.94	9043.73	0.06	0.08	0.07	0.09	16%	5%
23					0.00	2096.94	9043.73	0.00	0.00	0.00	0.00	0%	0%
24					0.00	2096.94	9043.73	0.00	0.00	0.00	0.00	0%	0%
25					0.00	2096.94	9043.73	0.00	0.00	0.00	0.00	0%	0%
26					0.00	2096.94	9043.73	0.00	0.00	0.00	0.00	0%	0%
27					0.00	2096.94	9043.73	0.00	0.00	0.00	0.00	0%	0%
28					0.00	2096.94	9043.73	0.00	0.00	0.00	0.00	0%	0%
29					0.00	2096.94	9043.73	0.00	0.00	0.00	0.00	0%	0%
30					0.00	2096.94	9043.73	0.00	0.00	0.00	0.00	0%	0%
31					0.00	2096.94	9043.73	0.00	0.00	0.00	0.00	0%	0%
32					0.00	2096.94	9043.73	0.00	0.00	0.00	0.00	0%	0%
33					0.00	2096.94	9043.73	0.00	0.00	0.00	0.00	0%	0%
34					0.00	2096.94	9043.73	0.00	0.00	0.00	0.00	0%	0%
35					0.00	2096.94	9043.73	0.00	0.00	0.00	0.00	0%	0%
36					0.00	2096.94	9043.73	0.00	0.00	0.00	0.00	0%	0%
37					0.00	2096.94	9043.73	0.00	0.00	0.00	0.00	0%	0%
38					0.00	2096.94	9043.73	0.00	0.00	0.00	0.00	0%	0%
39					0.00	2096.94	9043.73	0.00	0.00	0.00	0.00	0%	0%
40					0.00	2096.94	9043.73	0.00	0.00	0.00	0.00	0%	0%
41					0.00	2096.94	9043.73	0.00	0.00	0.00	0.00	0%	0%
42					0.00	2096.94	9043.73	0.00	0.00	0.00	0.00	0%	0%
43					0.00	2096.94	9043.73	0.00	0.00	0.00	0.00	0%	0%
44					0.00	2096.94	9043.73	0.00	0.00	0.00	0.00	0%	0%
45					0.00	2096.94	9043.73	0.00	0.00	0.00	0.00	0%	0%
46					0.00	2096.94	9043.73	0.00	0.00	0.00	0.00	0%	0%
47					0.00	2096.94	9043.73	0.00	0.00	0.00	0.00	0%	0%
48					0.00	2096.94	9043.73	0.00	0.00	0.00	0.00	0%	0%
49					0.00	2096.94	9043.73	0.00	0.00	0.00	0.00	0%	0%
50					0.00	2096.94	9043.73	0.00	0.00	0.00	0.00	0%	0%
51					0.00	2096.94	9043.73	0.00	0.00	0.00	0.00	0%	0%
52					0.00	2096.94	9043.73	0.00	0.00	0.00	0.00	0%	0%
Annual Total			2096.94	6946.79	9043.73	Average % DRL							
Weekly Average			95.32	315.76	411.08	0.05	0.06	0.05	0.06				
			(Bq/a) % Release Limit			Projected Dose (uSv/a)							
% Annual Release Limit:			HTO	6.72E+13	3.12	0.48	0.56	0.52	0.64				
			HTO + HT	4.48E+14	2.02	1 year old	10 year old	Adult Resident	Adult Worker				
Derived Weekly HTO Release/Emission Limit (GBq/week)						2.24E+05	1.88E+05	2.08E+05	1.63E+05				
Derived Weekly HT Release/ Emission Limit (GBq/week)						6.32E+06	5.61E+06	5.54E+06	5.69E+06				

Emissions Data

