

2018 Gaseous Effluent Data														
Week	Date		H-3 in Air (GBq)			(GBq)		% 2016 SRBT DRL (12 hr. TJF 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	26/12/2017	02/01/2018	20.59	91.65	112.24	20.59	112.24	0.01	0.01	0.01	0.01	2%	1%	
2	02/01/2018	09/01/2018	52.68	127.47	180.15	73.27	292.39	0.03	0.03	0.03	0.03	6%	2%	
3	09/01/2018	16/01/2018	131.65	372.36	504.01	204.92	796.40	0.06	0.08	0.07	0.09	16%	7%	
4	16/01/2018	23/01/2018	141.82	562.30	704.12	346.74	1500.52	0.07	0.09	0.08	0.10	17%	9%	
5	23/01/2018	30/01/2018	114.69	241.31	356.00	461.43	1856.52	0.06	0.07	0.06	0.07	14%	5%	
6	30/01/2018	06/02/2018	77.98	2183.43	2261.41	539.41	4117.93	0.07	0.08	0.08	0.09	9%	29%	
7	06/02/2018	13/02/2018	75.83	519.49	595.32	615.24	4713.25	0.04	0.05	0.05	0.06	9%	8%	
8	13/02/2018	20/02/2018	55.82	147.02	202.84	671.06	4916.09	0.03	0.03	0.03	0.04	7%	3%	
9	20/02/2018	27/02/2018	67.77	274.24	342.01	738.83	5258.10	0.03	0.04	0.04	0.05	8%	4%	
10	27/02/2018	06/03/2018	57.99	171.96	229.95	796.82	5488.05	0.03	0.03	0.03	0.04	7%	3%	
11	06/03/2018	13/03/2018	75.37	151.89	227.26	872.19	5715.31	0.04	0.04	0.04	0.05	9%	3%	
12	13/03/2018	20/03/2018	128.83	420.51	549.34	1001.02	6264.65	0.06	0.08	0.07	0.09	15%	7%	
13	20/03/2018	27/03/2018	123.36	357.89	481.25	1124.38	6745.90	0.06	0.07	0.07	0.08	15%	6%	
14	27/03/2018	03/04/2018	107.97	231.66	339.63	1232.35	7085.53	0.05	0.06	0.06	0.07	13%	4%	
15	03/04/2018	10/04/2018	130.65	278.85	409.50	1363.00	7495.03	0.06	0.07	0.07	0.09	16%	5%	
16	10/04/2018	17/04/2018	116.54	152.63	269.17	1479.54	7764.20	0.05	0.06	0.06	0.07	14%	3%	
17					0.00	1479.54	7764.20	0.00	0.00	0.00	0.00	0%	0%	
18					0.00	1479.54	7764.20	0.00	0.00	0.00	0.00	0%	0%	
19					0.00	1479.54	7764.20	0.00	0.00	0.00	0.00	0%	0%	
20					0.00	1479.54	7764.20	0.00	0.00	0.00	0.00	0%	0%	
21					0.00	1479.54	7764.20	0.00	0.00	0.00	0.00	0%	0%	
22					0.00	1479.54	7764.20	0.00	0.00	0.00	0.00	0%	0%	
23					0.00	1479.54	7764.20	0.00	0.00	0.00	0.00	0%	0%	
24					0.00	1479.54	7764.20	0.00	0.00	0.00	0.00	0%	0%	
25					0.00	1479.54	7764.20	0.00	0.00	0.00	0.00	0%	0%	
26					0.00	1479.54	7764.20	0.00	0.00	0.00	0.00	0%	0%	
27					0.00	1479.54	7764.20	0.00	0.00	0.00	0.00	0%	0%	
28					0.00	1479.54	7764.20	0.00	0.00	0.00	0.00	0%	0%	
29					0.00	1479.54	7764.20	0.00	0.00	0.00	0.00	0%	0%	
30					0.00	1479.54	7764.20	0.00	0.00	0.00	0.00	0%	0%	
31					0.00	1479.54	7764.20	0.00	0.00	0.00	0.00	0%	0%	
32					0.00	1479.54	7764.20	0.00	0.00	0.00	0.00	0%	0%	
33					0.00	1479.54	7764.20	0.00	0.00	0.00	0.00	0%	0%	
34					0.00	1479.54	7764.20	0.00	0.00	0.00	0.00	0%	0%	
35					0.00	1479.54	7764.20	0.00	0.00	0.00	0.00	0%	0%	
36					0.00	1479.54	7764.20	0.00	0.00	0.00	0.00	0%	0%	
37					0.00	1479.54	7764.20	0.00	0.00	0.00	0.00	0%	0%	
38					0.00	1479.54	7764.20	0.00	0.00	0.00	0.00	0%	0%	
39					0.00	1479.54	7764.20	0.00	0.00	0.00	0.00	0%	0%	
40					0.00	1479.54	7764.20	0.00	0.00	0.00	0.00	0%	0%	
41					0.00	1479.54	7764.20	0.00	0.00	0.00	0.00	0%	0%	
42					0.00	1479.54	7764.20	0.00	0.00	0.00	0.00	0%	0%	
43					0.00	1479.54	7764.20	0.00	0.00	0.00	0.00	0%	0%	
44					0.00	1479.54	7764.20	0.00	0.00	0.00	0.00	0%	0%	
45					0.00	1479.54	7764.20	0.00	0.00	0.00	0.00	0%	0%	
46					0.00	1479.54	7764.20	0.00	0.00	0.00	0.00	0%	0%	
47					0.00	1479.54	7764.20	0.00	0.00	0.00	0.00	0%	0%	
48					0.00	1479.54	7764.20	0.00	0.00	0.00	0.00	0%	0%	
49					0.00	1479.54	7764.20	0.00	0.00	0.00	0.00	0%	0%	
50					0.00	1479.54	7764.20	0.00	0.00	0.00	0.00	0%	0%	
51					0.00	1479.54	7764.20	0.00	0.00	0.00	0.00	0%	0%	
52					0.00	1479.54	7764.20	0.00	0.00	0.00	0.00	0%	0%	
Annual Total			1479.54	6284.66	7764.20	Average % DRL								
Weekly Average			92.47	392.79	485.26	0.05	0.06	0.05	0.06					
			(Bq/a) % Release Limit			Projected Dose (uSv/a)								
% Annual Release Limit:			HTO	6.72E+13	2.20	0.47	0.56	0.52	0.64					
			HTO + HT	4.48E+14	1.73	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

