

2017 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	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	05/30/2017	06/06/2017	143.21	329.23	472.44	2240.15	9516.17	0.07	0.08	0.07	0.09	17%	6%
24	06/06/2017	06/13/2017	207.62	356.80	564.42	2447.77	10080.59	0.10	0.12	0.11	0.13	25%	7%
25	06/13/2017	06/20/2017	254.70	471.01	725.71	2702.47	10806.30	0.12	0.14	0.13	0.16	30%	9%
26	06/20/2017	06/27/2017	349.02	438.91	787.93	3051.49	11594.23	0.16	0.19	0.18	0.22	42%	10%
27	06/27/2017	07/04/2017	134.45	213.82	348.27	3185.94	11942.50	0.06	0.08	0.07	0.09	16%	4%
28	07/04/2017	07/11/2017	215.71	382.20	597.91	3401.65	12540.41	0.10	0.12	0.11	0.14	26%	8%
29	07/11/2017	07/18/2017	188.86	535.18	724.04	3590.51	13264.45	0.09	0.11	0.10	0.13	22%	9%
30	07/18/2017	07/25/2017	125.08	152.95	278.03	3715.59	13542.48	0.06	0.07	0.06	0.08	15%	4%
31	07/25/2017	08/01/2017	166.22	350.41	516.63	3881.81	14059.11	0.08	0.09	0.09	0.11	20%	7%
32	08/01/2017	08/08/2017	136.62	424.91	561.53	4018.43	14620.64	0.07	0.08	0.07	0.09	16%	7%
33	08/08/2017	08/15/2017	130.28	112.04	242.32	4148.71	14862.96	0.06	0.07	0.06	0.08	16%	3%
34	08/15/2017	22/08/2017	145.69	241.39	387.08	4294.40	15250.04	0.07	0.08	0.07	0.09	17%	5%
35	22/08/2017	29/08/2017	131.53	293.64	425.17	4425.93	15675.21	0.06	0.08	0.07	0.09	16%	5%
36	29/08/2017	05/09/2017	132.84	186.60	319.44	4558.77	15994.65	0.06	0.07	0.07	0.08	16%	4%
37	05/09/2017	12/09/2017	165.15	330.55	495.70	4723.92	16490.35	0.08	0.09	0.09	0.11	20%	6%
38	12/09/2017	19/09/2017	273.67	538.62	812.29	4997.59	17302.64	0.13	0.16	0.14	0.18	33%	10%
39	19/09/2017	26/09/2017	324.97	580.37	905.34	5322.56	18207.98	0.15	0.18	0.17	0.21	39%	12%
40	26/09/2017	03/10/2017	256.28	281.25	537.53	5578.84	18745.51	0.12	0.14	0.13	0.16	31%	7%
41	03/10/2017	10/10/2017	172.43	696.50	868.93	5751.27	19614.44	0.09	0.10	0.10	0.12	21%	11%
42	10/10/2017	17/10/2017	188.40	342.21	530.61	5939.67	20145.05	0.09	0.11	0.10	0.12	22%	7%
43	17/10/2017	24/10/2017	178.80	352.81	531.61	6118.47	20676.66	0.09	0.10	0.09	0.12	21%	7%
44	24/10/2017	31/10/2017	218.51	386.00	604.51	6336.98	21281.17	0.10	0.12	0.11	0.14	26%	8%
45	31/10/2017	07/11/2017	77.11	448.00	525.11	6414.09	21806.28	0.04	0.05	0.05	0.06	9%	7%
46	07/11/2017	14/11/2017	132.27	504.58	636.85	6546.36	22443.13	0.07	0.08	0.07	0.09	16%	8%
47	14/11/2017	21/11/2017	141.94	321.64	463.58	6688.30	22906.71	0.07	0.08	0.07	0.09	17%	6%
48	21/11/2017	28/11/2017	150.75	434.49	585.24	6839.05	23491.95	0.07	0.09	0.08	0.10	18%	8%
49	28/11/2017	05/12/2017	127.97	334.91	462.88	6967.02	23954.83	0.06	0.07	0.07	0.08	15%	6%
50	05/12/2017	12/12/2017	99.21	195.44	294.65	7066.23	24249.48	0.05	0.06	0.05	0.06	12%	4%
51	12/12/2017	19/12/2017	57.15	217.22	274.37	7123.38	24523.85	0.03	0.03	0.03	0.04	7%	4%
52	19/12/2017	26/12/2017	74.64	223.64	298.28	7198.02	24822.13	0.04	0.04	0.04	0.05	9%	4%
Annual Total			7198.02	17624.11	24822.13			Average % DRL					
Weekly Average			138.42	338.93	477.35			0.07	0.08	0.07	0.09		
			(Bq/a) % Release Limit				Projected Dose (uSv/a)						
% Annual Release Limit:			HTO	6.72E+13	10.71			0.67	0.80	0.73	0.91		
			HTO + HT	4.48E+14	5.54			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

