

2022 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	2023-01-03	2023-01-10	88.64	785.05	873.69	88.64	873.69	0.05	0.06	0.06	0.07	11%	11%
2	2023-01-10	2023-01-17	86.12	192.70	278.82	174.76	1152.51	0.04	0.05	0.04	0.06	10%	4%
3	2023-01-17	2023-01-24	124.10	299.42	423.52	298.86	1576.03	0.06	0.07	0.07	0.08	15%	5%
4	2023-01-24	2023-01-31	57.52	112.40	169.92	356.38	1745.95	0.03	0.03	0.03	0.04	7%	2%
5	2023-01-31	2023-02-07	55.82	172.65	228.47	412.20	1974.42	0.03	0.03	0.03	0.04	7%	3%
6	2023-02-07	2023-02-14	109.87	219.06	328.93	522.07	2303.35	0.05	0.06	0.06	0.07	13%	4%
7	2023-02-14	2023-02-21	95.57	110.99	206.56	617.64	2509.91	0.04	0.05	0.05	0.06	11%	3%
8	2023-02-21	2023-02-28	120.85	187.62	308.47	738.49	2818.38	0.06	0.07	0.06	0.08	14%	4%
9	2023-02-28	2023-03-07	78.95	181.26	260.21	817.44	3078.59	0.04	0.05	0.04	0.05	9%	3%
10	2023-03-07	2023-03-14	106.32	253.74	360.06	923.76	3438.65	0.05	0.06	0.06	0.07	13%	5%
11	2023-03-14	2023-03-21	115.53	275.33	390.86	1039.29	3829.51	0.06	0.07	0.06	0.08	14%	5%
12	2023-03-21	2023-03-28	98.32	299.64	397.96	1137.61	4227.47	0.05	0.06	0.05	0.07	12%	5%
13	2023-03-28	2023-04-04	63.66	106.47	170.13	1201.27	4397.60	0.03	0.04	0.03	0.04	8%	2%
14	2023-04-04	2023-04-11	32.56	46.30	78.86	1233.83	4476.46	0.02	0.02	0.02	0.02	4%	1%
15	2023-04-11	2023-04-18	84.33	114.93	199.26	1318.16	4675.72	0.04	0.05	0.04	0.05	10%	3%
16	2023-04-18	2023-04-25	98.02	170.87	268.89	1416.18	4944.61	0.05	0.06	0.05	0.06	12%	3%
17	2023-04-25	2023-05-02	116.42	209.46	325.88	1532.60	5270.49	0.06	0.07	0.06	0.08	14%	4%
18	2023-05-02	2023-05-09	87.51	462.87	550.38	1620.11	5820.87	0.05	0.05	0.05	0.06	10%	7%
19	2023-05-09	2023-05-16	78.02	329.96	407.98	1698.13	6228.85	0.04	0.05	0.04	0.05	9%	5%
20	2023-05-16	2023-05-23	77.04	214.39	291.43	1775.17	6520.28	0.04	0.04	0.04	0.05	9%	4%
21	2023-05-23	2023-05-30	87.43	470.31	557.74	1862.60	7078.02	0.05	0.05	0.05	0.06	10%	7%
22	2023-05-30	2023-06-06	116.61	370.68	487.29	1979.21	7565.31	0.06	0.07	0.06	0.08	14%	6%
23	2023-06-06	2023-06-13	102.62	191.17	293.79	2081.83	7859.10	0.05	0.06	0.05	0.07	12%	4%
24	2023-06-13	2023-06-20	168.47	219.51	387.98	2250.30	8247.08	0.08	0.09	0.08	0.11	20%	5%
25	2023-06-20	2023-06-27	144.17	187.88	332.05	2394.47	8579.13	0.07	0.08	0.07	0.09	17%	4%
26	2023-06-27	2023-07-04			0.00	2394.47	8579.13	0.00	0.00	0.00	0.00	0%	0%
27	2023-07-04	2023-07-11			0.00	2394.47	8579.13	0.00	0.00	0.00	0.00	0%	0%
28	2023-07-11	2023-07-18			0.00	2394.47	8579.13	0.00	0.00	0.00	0.00	0%	0%
29	2023-07-18	2023-07-25			0.00	2394.47	8579.13	0.00	0.00	0.00	0.00	0%	0%
30	2023-07-25	2023-08-01			0.00	2394.47	8579.13	0.00	0.00	0.00	0.00	0%	0%
31	2023-08-01	2023-08-08			0.00	2394.47	8579.13	0.00	0.00	0.00	0.00	0%	0%
32	2023-08-08	2023-08-15			0.00	2394.47	8579.13	0.00	0.00	0.00	0.00	0%	0%
33	2023-08-15	2023-08-22			0.00	2394.47	8579.13	0.00	0.00	0.00	0.00	0%	0%
34	2023-08-22	2023-08-29			0.00	2394.47	8579.13	0.00	0.00	0.00	0.00	0%	0%
35	2023-08-29	2023-09-05			0.00	2394.47	8579.13	0.00	0.00	0.00	0.00	0%	0%
36	2023-09-05	2023-09-12			0.00	2394.47	8579.13	0.00	0.00	0.00	0.00	0%	0%
37	2023-09-12	2023-09-19			0.00	2394.47	8579.13	0.00	0.00	0.00	0.00	0%	0%
38	2023-09-19	2023-09-26			0.00	2394.47	8579.13	0.00	0.00	0.00	0.00	0%	0%
39	2023-09-26	2023-10-03			0.00	2394.47	8579.13	0.00	0.00	0.00	0.00	0%	0%
40	2023-10-03	2023-10-10			0.00	2394.47	8579.13	0.00	0.00	0.00	0.00	0%	0%
41	2023-10-10	2023-10-17			0.00	2394.47	8579.13	0.00	0.00	0.00	0.00	0%	0%
42	2023-10-17	2023-10-24			0.00	2394.47	8579.13	0.00	0.00	0.00	0.00	0%	0%
43	2023-10-24	2023-10-31			0.00	2394.47	8579.13	0.00	0.00	0.00	0.00	0%	0%
44	2023-10-31	2023-11-07			0.00	2394.47	8579.13	0.00	0.00	0.00	0.00	0%	0%
45	2023-11-07	2023-11-14			0.00	2394.47	8579.13	0.00	0.00	0.00	0.00	0%	0%
46	2023-11-14	2023-11-21			0.00	2394.47	8579.13	0.00	0.00	0.00	0.00	0%	0%
47	2023-11-21	2023-11-28			0.00	2394.47	8579.13	0.00	0.00	0.00	0.00	0%	0%
48	2023-11-28	2023-12-05			0.00	2394.47	8579.13	0.00	0.00	0.00	0.00	0%	0%
49	2023-12-05	2023-12-12			0.00	2394.47	8579.13	0.00	0.00	0.00	0.00	0%	0%
50	2023-12-12	2023-12-19			0.00	2394.47	8579.13	0.00	0.00	0.00	0.00	0%	0%
51	2023-12-19	2023-12-26			0.00	2394.47	8579.13	0.00	0.00	0.00	0.00	0%	0%
52	2023-12-26	2024-01-02			0.00	2394.47	8579.13	0.00	0.00	0.00	0.00	0%	0%
53					0.00	2394.47	8579.13	0.00	0.00	0.00	0.00	0%	0%
Annual Total			2394.47	6184.66	8579.13			Average % DRL					
Weekly Average			95.78	247.39	343.17			0.05	0.06	0.05	0.06		
% Annual Release Limit:			(Bq/a) % Release Limit					Projected Dose (uSv/a)					
			HTO	6.72E+13	3.56			0.47	0.55	0.51	0.63		
			HTO + HT	4.48E+14	1.91			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				