

Table 7.1

BATCH LIQUID AND GASEOUS RELEASE SUMMARY

	Quarter 1	Quarter 2
A. Liquid Releases All Sources		
Number of Batch Releases	0.00E+00	1.41E+02
Total Time Period For Batch Releases (Min)	0.00E+00	9.15E+03
Maximum Time Period for a Batch Release (Min)	0.00E+00	2.31E+02
Average Time Period for a Batch Release (Min)	0.00E+00	6.50E+01
Minimum Time Period for a Batch Release (Min)	0.00E+00	3.10E+01
Average Stream Flow During Periods of Release (Ft ³ /s)	NA	NA
B. Gaseous Releases All Sources		
Number of Batch Releases	0.00E+00	1.70E+01
Total Time Period for Batch Releases (Min)	0.00E+00	4.84E+03
Maximum Time Period for a Batch Release (Min)	0.00E+00	6.26E+02
Average Time Period for a Batch Release (Min)	0.00E+00	2.85E+02
Minimum Time Period for a Batch Release (Min)	0.00E+00	9.00E+01

Table 7.2

ABNORMAL BATCH LIQUID AND GASEOUS RELEASE SUMMARY

A. Liquids		
Number of Releases	0.00E+00	2.00E+00
Total Activity Released	0.00E+00	0.00E+00
B. Gases		
Number of Releases	0.00E+00	0.00E+00
Total Activity Released	0.00E+00	0.00E+00

Table 7.3

GASEOUS EFFLUENTS--SUMMATION OF ALL RELEASES

Units	Quarter 1	Quarter 2	Est. Total Error, %
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A. Fission and Activation Gases

1. Total release	Ci	0.00E+00	1.53E+02	2.12E+01
2. Average release rate for period	μCi/sec	0.00E+00	1.95E+01	
3. Percent of ODCM REC limit (Total Body)	%	0.00E+00	4.55E-03	
4. Percent of ODCM REC limit (Skin)	%	0.00E+00	2.25E-03	

B. Iodines

1. Total iodine-131	Ci	0.00E+00	0.00E+00	Note 1
2. Average release rate for period	μCi/sec	0.00E+00	0.00E+00	
3. Percent of ODCM REC limit (Organ)	%	0.00E+00	0.00E+00	

C. Particulates

1. Particulates with half lives > 8 Days	Ci	0.00E+00	3.86E-05	3.13E+01
2. Average release rate for period	μCi/sec	0.00E+00	4.91E-06	
3. Percent of ODCM REC limit (Organ)	%	0.00E+00	0.00E+00	
4. Gross alpha radioactivity	Ci	0.00E+00	3.87E-04	Note 2

D. Tritium

1. Total release	Ci	0.00E+00	8.44E-04	1.14E+01
2. Average release rate for period	μCi/sec	0.00E+00	1.07E-04	
3. Percent of ODCM REC limit (Organ)	%	0.00E+00	3.00E-07	

Note 1: No iodine activity is reported for gaseous effluents, therefore errors for these values are not reported.
Note 2: The gross alpha radioactivity reported is assumed to be radon daughters.

Table 7.4

CASEOUS EFFLUENTS--GROUND LEVEL RELEASES

Nuclides Released	Units	Continuous Mode		Batch Mode	
		Quarter 1	Quarter 2	Quarter 1	Quarter 2

1. Fission and Activation Gases

Ar-41	ci	0.00E+00	0.00E+00	0.00E+00	6.85E-03
Kr-35M	ci	0.00E+00	0.00E+00	0.00E+00	4.20E-06
Xe-133M	ci	0.00E+00	0.00E+00	0.00E+00	4.37E-02
Xe-133	ci	0.00E+00	1.50E+02	0.00E+00	3.78E+00
Xe-135	ci	0.00E+00	0.00E+00	0.00E+00	2.44E-02
Total for period	ci	0.00E+00	1.50E+02	0.00E+00	3.86E+00

2. Iodines

I-131	ci	0.00E+00	0.00E+00	0.00E+00	0.00E+00
I-133	ci	0.00E+00	0.00E+00	0.00E+00	0.00E+00
I-135	ci	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Total for period	ci	0.00E+00	0.00E+00	0.00E+00	0.00E+00

3. Particulates

H-3	ci	0.00E+00	0.00E+00	0.00E+00	8.44E-04
Br-R2	ci	0.00E+00	0.00E+00	0.00E+00	3.86E-05
G.Alpha	ci	0.00E+00	2.87E-04	0.00E+00	3.86E-05
Total for period	ci	0.00E+00	2.87E-04	0.00E+00	8.82E-04

Table 7.5

LIQUID EFFLUENTS--SUMMATION OF ALL RELEASES

Units	Quarter 1	Quarter 2	Est. Total Error, %
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A. Fission and Activation Products

1. Total release (not including tritium, gases, alpha)	Ci	0.00E+00	6.01E-04	1.60E+01
2. Average diluted concentration during period	µCi/ml	0.00E+00	2.42E-12	
3. Percent of ODCM REC limit	%	0.00E+00	1.17E-04	

B. Tritium

1. Total release	Ci	0.00E+00	1.07E+01	1.02E+01
2. Average diluted concentration during period	µCi/ml	0.00E+00	4.33E-08	
3. Percent of ODCM REC limit	%	0.00E+00	1.44E-03	

C. Dissolved and Entrained Gases

1. Total release	Ci	0.00E+00	1.50E-02	1.14E+01
2. Average diluted concentration during period	µCi/ml	0.00E+00	6.04E-11	
3. Percent of ODCM REC limit	%	0.00E+00	3.21E-05	

D. Gross Alpha Radioactivity

1. Total release	Ci	0.00E+00	0.00E+00	Note 1
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E. Volume of waste released (prior to dilution)	Liters	0.00E+00	2.52E+06	2.20E+00
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F. Volume of dilution water used during period	Liters	0.00E+00	2.45E+10	1.00E+01
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Note 1: No gross alpha activity is reported for liquid effluents, therefore errors for these values are not reported.

Table 7.6

LIQUID EFFLUENTS

Nuclides Released	Units	Continuous Mode		Batch Mode	
		Quarter 1	Quarter 2	Quarter 1	Quarter 2
H-3	ci	0.00E+00	0.00E+00	0.00E+00	1.07E+01
Na-24	ci	0.00E+00	0.00E+00	0.00E+00	2.52E-05
Cr-51	ci	0.00E+00	0.00E+00	0.00E+00	2.44E-05
Mn-54	ci	0.00E+00	0.00E+00	0.00E+00	4.67E-05
Co-58	ci	0.00E+00	0.00E+00	0.00E+00	3.98E-04
Co-60	ci	0.00E+00	0.00E+00	0.00E+00	7.39E-06
Zr-95	ci	0.00E+00	0.00E+00	0.00E+00	4.81E-06
Nb-95	ci	0.00E+00	0.00E+00	0.00E+00	4.24E-06
Mo-99	ci	0.00E+00	0.00E+00	0.00E+00	3.05E-07
Tc-99M	ci	0.00E+00	0.00E+00	0.00E+00	6.70E-07
I-131	ci	0.00E+00	0.00E+00	0.00E+00	8.40E-05
I-133	ci	0.00E+00	0.00E+00	0.00E+00	3.58E-06
Ba-140	ci	0.00E+00	0.00E+00	0.00E+00	1.06E-06
Total for period	ci	0.00E+00	0.00E+00	0.00E+00	1.07E+01
Kr-85M	ci	0.00E+00	0.00E+00	0.00E+00	4.35E-06
Xe-133M	ci	0.00E+00	0.00E+00	0.00E+00	1.07E-04
Xe-133	ci	0.00E+00	0.00E+00	0.00E+00	1.47E-02
Xe-135	ci	0.00E+00	0.00E+00	0.00E+00	2.00E-04
Total for period	ci	0.00E+00	0.00E+00	0.00E+00	1.50E-02