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Commonwealth Power Company
Big Rock Point Plant, Bucket No 70-155
Indicative Liquid Releases

	UNITS	JANUARY	FEBRUARY	MARCH	FIRST QUARTER	APRIL	MAY	JUNE	SECOND QUARTER	SIX-MONTH TOTAL
Total Radioactivity Released (Except Tritium, Dissolved Gases and Alpha)	Curies	2.54E-02	1.13E-01	3.65E-02	1.95E-01	1.36E-01	5.62E-02	1.77E-01	1.71E-01	3.66E-01
Volume of Waste Discharged	Liters	1.42E-04	8.13E-04	7.93E-04	1.68E-03	3.94E-04	7.37E-04	3.94E-04	1.91E-03	3.79E-03
Average Concentration of Waste Prior to Discharge	µCi/ml	1.77E-03	1.39E-03	7.87E-04	1.16E-03	2.63E-03	7.83E-04	2.67E-03	1.97E-03	1.59E-03
Volume of Circulating Discharge Water	Liters	8.43E-09	1.81E-09	2.54E-09	1.48E-10	8.78E-08	1.00E-09	7.76E-09	1.05E-10	2.52E-10
Average Concentration Released (Except Tritium, Dissolved Gases and Alpha)	µCi/ml	3.01E-09	2.95E-08	2.71E-08	1.32E-08	1.78E-07	2.97E-08	2.04E-08	1.54E-08	2.23E-08
Maximum Concentration (Except Tritium, Dissolved Gases and Alpha)	µCi/ml	1.61E-07	7.72E-07	1.07E-06	1.07E-06	1.63E-06	8.32E-07	6.70E-06	6.20E-06	6.20E-06
Percent of Applicable Limits	%	6.64E-02	6.13E-01	1.43E-01	2.43E-01	1.21E-00	2.09E-01	1.93E-01	2.82E-01	2.92E-01
Tritium Released	Curies	1.04E-03	3.70E-02	1.45E-02	6.75E-02	1.82E-01	4.82E-01	8.77E-01	1.55E-00	1.61E-00
Average Tritium Concentration Released	µCi/ml	1.23E-10	1.34E-08	3.65E-09	4.36E-09	2.10E-07	2.55E-07	1.13E-07	1.48E-07	6.34E-08
Total Gross Alpha Released	Curies	7.68E-05	7.82E-06	8.05E-06	9.77E-05	6.74E-06	4.32E-06	1.01E-05	2.12E-05	1.14E-04
Average Alpha Concentration	µCi/ml	9.11E-12	2.05E-12	1.14E-12	6.75E-12	7.02E-12	2.22E-12	1.32E-12	2.02E-12	4.49E-12
Isotopes	Curies									
Co-57		2.01E-01	1.34E-02	4.19E-03	1.56E-02	2.82E-02	9.24E-03	2.77E-02	6.34E-02	8.32E-02
Co-57		8.11E-03	2.51E-02	7.70E-03	4.13E-02	2.36E-02	3.04E-02	8.45E-02	1.99E-01	2.61E-01
Na-24		7.91E-04	1.71E-03	4.34E-03	6.06E-03	4.07E-03	2.37E-03	1.75E-03	1.02E-02	1.70E-02
Na-24		4.63E-04	2.85E-04	1.03E-03	1.78E-03	1.47E-03	7.02E-04	1.40E-03	1.06E-03	5.63E-03
Cs-137		4.54E-03	1.30E-02	1.80E-02	3.53E-02	1.12E-02	1.30E-02	2.04E-02	6.92E-02	9.81E-02
Cs-137		1.52E-05			1.52E-05					1.52E-05
Br-82		1.70E-02	4.88E-05	2.82E-05	7.87E-05	2.30E-06	2.74E-05	7.12E-05	1.07E-04	1.86E-04
Br-82		2.27E-05	1.55E-04	1.16E-04	2.94E-04	2.91E-05	4.77E-05	1.07E-04	1.82E-04	4.79E-04
Cs-134				2.11E-04	2.11E-04	3.76E-04	1.02E-05	2.43E-04	8.49E-04	1.06E-03
Po-210				2.95E-04	2.95E-04	6.00E-04	3.13E-05	1.80E-04	8.79E-04	1.14E-03
Not Identified Data		9.23E-03	3.93E-02	2.02E-02	8.91E-02	6.16E-03	2.57E-03	1.94E-02	2.83E-02	1.17E-01
Percent of Total Identified	%	63.6	47.4	63.6	54.2	> 95	> 95	87.6	92.6	75.3