

Table 03. Effluent Data Tritium Activity, PSEG Nuclear, LLC, Salem & Hope Creek Generating Stations, Hancocks Bridge, New Jersey

**Gaseous Effluent Tritium Activity (Curies)<sup>1</sup>**

	January 2013	February 2013	March 2013	April 2013	May 2013	June 2013	July 2013	August 2013	September 2013	October 2013	November 2013	December 2013	January 2014	February 2014	March 2014
Salem Unit 1	5.936	0.077	0.046	0.480	0.113	0.026	0.730	2.386	0.310	7.930	1.323	0.709	0.040	3.912	1.982
Salem Unit 2	3.932	0.015	3.160	2.615	0.040	1.548	0.754	3.796	0.237	6.990	4.195	3.018	1.101	0.047	1.972
Hope Creek	1.585	7.657	11.300	7.647	11.410	17.820	24.330	46.230	27.200	8.158	5.982	6.861	14.650	15.500	25.630
Total	11.45	7.75	14.51	10.74	11.56	19.39	25.81	52.41	27.75	23.08	11.50	10.59	15.79	19.46	29.58
YTD Total	11.45	19.20	33.71	44.45	56.01	75.41	101.22	153.63	181.38	204.46	215.96	226.55	15.79	35.25	64.83
Reporting Period Total	--	--	--	--	--	--	--	--	--	--	--	--	15.79	35.25	64.83

**Liquid Effluent Tritium Activity (Curies)<sup>2</sup>**

	January 2013	February 2013	March 2013	April 2013	May 2013	June 2013	July 2013	August 2013	September 2013	October 2013	November 2013	December 2013	January 2014	February 2014	March 2014
Salem Unit 1	53.890	35.400	69.860	43.120	64.960	30.410	12.860	17.250	31.300	0.165	0.182	4.420	4.555	0.169	199.100
Salem Unit 2	49.460	27.440	42.950	52.510	0.021	16.480	12.380	36.770	30.190	0.040	0.041	2.770	9.261	0.249	97.420
Hope Creek	2.340	0.064	1.503	2.608	3.197	5.063	3.351	3.386	10.540	12.320	5.098	13.290	4.172	0.926	2.703
Total	105.69	62.90	114.31	98.24	68.18	51.95	28.59	57.41	72.03	12.53	5.32	20.48	17.99	1.34	299.22
YTD Total	105.69	168.59	282.91	381.15	449.32	501.28	529.87	587.27	659.30	671.83	677.15	697.63	17.99	19.33	318.56
Reporting Period Total	--	--	--	--	--	--	--	--	--	--	--	--	17.99	19.33	318.56

**Notes:**

- Reporting period: First Quarter 2014
- YTD  
Year To Date
- <sup>1</sup>  
Gaseous effluent sampling locations and schedule are detailed in Sections 2.2.1 and 2.2.2 of this report.
- <sup>2</sup>  
Liquid effluent sampling locations and schedule are detailed in Section 2.2.3 of this report.
- Month not in applicable reporting period
- Source: PSEG