

Table 06B. Groundwater Analytical Results for Well AC, PSEG Nuclear, LLC, Salem Generating Station, Hancocks Bridge, New Jersey

Hard-to-Detect, Transuranic, and Gamma Radiological Isotopes	Sample Date		
	1/17/2014	2/19/2014	3/14/2014
Strontium - 89	<1.51	--	--
Strontium - 90	<0.799	--	--
Beryllium - 7	<21.7	--	--
Potassium - 40	41.30	--	--
Manganese - 54	<1.72	--	--
Cobalt - 58	<2.13	--	--
Iron - 59	<5.46	--	--
Cobalt - 60	<1.67	--	--
Zinc - 65	<3.58	--	--
Niobium - 95	<2.21	--	--
Zirconium - 95	<3.65	--	--
Iodine - 131	<32.3	--	--
Cesium - 134	<1.57	--	--
Cesium - 137	<1.75	--	--
Barium - 140	<36.3	--	--
Lanthanum - 140	<11.7	--	--
Americium - 241	<12.3	--	--
Americium- 2 43	<0.0331	--	--
Curium - 242	<0.0607	--	--
Curium - 243/244	<0.0351	--	--
Plutonium - 238	<0.115	--	--
Plutonium - 239/240 (AS)	<0.0693	--	--
Plutonium - 241	<10.7	--	--

Notes:

Reporting period: First Quarter 2014

pCi/L All results reported in picocuries per liter

-- Sample not collected

< Compound/analyte not detected above indicated minimum detectable concentration (MDC)