

Summary of Tritium Detected in Groundwater Monitoring Wells* Pilgrim Nuclear Power Station, Plymouth, MA - All Results Reported in picocuries per liter (pCi/L)

Sample Collection Date	Reported By	Tritium Concentration (pCi/L)																	
		MW-201	MW-202	MW-202I**	MW-203	MW-204	MW-205**	MW-206**	MW-207**	MW-208S**	MW-208I**	MW-209**	MW-210**	MW-211**	MW-212**	MW-213**	MW-214**	MW-3	MW4
April 5, 2011	Entergy	454					5,190	Transit Loss				Transit Loss		1,070					
	MDPH/MERL	454					5,566	3,458				947		1,175					
April 12, 2011	Entergy	324					6,320	975				1,030		1,450					
	MDPH/MERL	406					6,475	1,046				952		1,170					
April 19, 2011	Entergy	NDA<347					921	1,560				932		973					
	MDPH/MERL	305					1,042	1,488				946		1,129					
April 27, 2011	Entergy	695	NDA<390	NDA<391	NDA<390	NDA<390	2,630	2,090	494	NDA<391	NDA<390	979	NDA<389	1,120	NDA<389	NDA<390	NDA<390	NDA<390	NDA<391
	MDPH/MERL	770	NDA<300	NDA<300	NDA<300	376	2,970	2,005	546	NDA<300	NDA<300	936	395	1,201	577	321	NDA<300	NDA<300	423
May 3, 2011	Entergy	461					5,680	905				1,040		970					
	MDPH/MERL	474					6,128	1,195				1,001		1,151					
May 11, 2011	Entergy	529					13,400	1,840				1,070		1,410					
	MDPH/MERL	509					16,013	1,750				1,109		1,145					
May 19, 2011	Entergy	NDA<374					1,920	2,430				898		921					
	MDPH/MERL	578					2,260	2,180				978		1,191					
May 24, 2011	Entergy	422	NDA<366	NDA<370	NDA<355	NDA<373	1,790	1,110	NDA<372	NDA<373	NDA<370	908	429	835	569	NDA<358	NDA<370	NDA<372	NDA<374
	MDPH/MERL	541	NDA<300	345	NDA<300	324	2,213	848	408	NDA<300	NDA<300	977	414	1,165	533	NDA<300	NDA<300	NDA<300	442
June 2, 2011	Entergy	342					5,340	975				1,030		1,250					
	MDPH/MERL	327					6,278	1,333				1,138		1,122					
June 7, 2011	Entergy	422					9,250	1,230				923		1,120					
	MDPH/MERL	564					10,874	1,751				1,074		1,082					
June 15, 2011	Entergy	362					6,710	1,250				1,060		1,040					
	MDPH/MERL	570					8,024	977				1,211		1,143					
June 21, 2011	Entergy	399	NDA<329	NDA<313	NDA<319	NDA<318	1,950	620	521	NDA<318	NDA<317	1,080	312	979	428	377	NDA<318	NDA<319	NDA<320
	MDPH/MERL***	529	NDA<300	387	NDA<300	405	2,004	958	426	NDA<300	NDA<300	959	432	1,062	707	NDA<300	NDA<300	NDA<300	531
June 28, 2011	Entergy	541					7,900	953				969		Inaccessible					
	MDPH/MERL***	694					9,929	1,238				899		Inaccessible					

Notes:
* Entergy samples collected and analyzed by Entergy contract laboratory; MDPH split samples received from Entergy and analyzed by MDPH/RCP Massachusetts Environmental Radiation Laboratory (MERL)
**Groundwater Monitoring Wells MW-202I, MW-205, MW-206, MW-207, MW-208S, and MW-208I were installed in Spring 2010; Groundwater Monitoring Wells MW-209, MW-210, MW-211, MW-212, MW-213, and MW-214 were installed Summer 2010.
*** Results pending
NDA< = Not detected at less than activity value listed
N.A. = Not analyzed
N.S. = Not sampled