

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
October 4, 2010	Entergy	1,140					17,300	8,210											
	MDPH/MERL	1,160					20,135	9,593											
October 12,13,14, 2010	Entergy	1,040	NDA<373	NDA<388	NDA<347	646	1,760	10,100	NDA<346	NDA<347	NDA<345	1,440	610	1,180	455	415	NDA<344	NDA<345	466
	MDPH/MERL	1,297	393	320	NDA<300	569	2,115	10,916	301	NDA<300	NDA<300	1,683	675	1,329	634	304	NDA<300	326	572
October 18, 2010	Entergy	966					5,890	5,950											
	MDPH/MERL	1,260					7,058	6,916											
October 25, 2010	Entergy	1,340	NDA<390	NDA<390	NDA<322	532	2,840	12,200	NDA<321	NDA<320	NDA<321	1,710	837	870	568	NDA<321	NDA<318	NDA<321	556
	MDPH/MERL	1,280	329	322	NDA<300	630	2,778	8,142	399	NDA<300	NDA<300	1,791	914	1,247	574	329	NDA<300	NDA<300	577
November 1, 2010	Entergy	1,020					16,700	13,600											
	MDPH/MERL	1,154					17,421	12,418											
November 18, 2010	Entergy	909	NDA<383	NDA<353	NDA<320	529	5,730	9,250	NDA<318	NDA<328	NDA<320	1,830	1,230	1,050	745	NDA<312	NDA<302	NDA<305	491
	MDPH/MERL	983	367	331	NDA<300	469	6,482	10,204	386	NDA<300	NDA<300	1,871	1,013	1,146	644	351	NDA<300	NDA<300	552
November 22, 2010	Entergy	1,290					1,810	4,720											
	MDPH/MERL	1,534					1,428	4,635											
November 29, 2010	Entergy	1,060	NDA<382	NDA<385	NDA<397	526	1,960	5,290	NDA<398	NDA<317	NDA<399	1,550	NDA<385	717	533	NDA<398	NDA<318	NDA<317	607
	MDPH/MERL	1,272	378	343	NDA<300	471	2,414	4,940	461	NDA<300	NDA<300	1,777	550	1,114	585	323	NDA<300	NDA<300	632
December 9, 2010	Entergy	1,150					2,300	5,270											
	MDPH/MERL	943					2,978	4,283											
December 14, 2010	Entergy	781	579	486	NDA<372	503	17,800	10,300	NDA<360	NDA<365	NDA<370	1,940	1,090	1,250	620	NDA<353	NDA<368	534	740
	MDPH/MERL	924	339	NDA<300	366	702	20,333	10,729	501	316	481	1,701	1,297	1,236	830	484	NDA<300	362	696
December 29, 2010	Entergy	1,190	579	556	NDA<356	372	3,930	8,950	NDA<350	NDA<365	NDA<340	1,870	930	1,110	830	NDA<334	NDA<282	NDA<358	NDA<347
	MDPH/MERL	984	NDA<300	309	NDA<300	350	4,016	8,425	374	NDA<300	NDA<300	1,652	738	1,015	535	NDA<300	NDA<300	NDA<300	390

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