

Summary of Tritium Detected in Groundwater Monitoring Wells* Pilgrim Nuclear Power Station, Plymouth, MA, Quarter 3, 3011 - All Results Reported in picocuries per liter (pCi/L)

Sample Collection Date	Reported By	Tritium Concentration (pCi/L)																	
		MW-201	MW-202	MW-2021**	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
July 7, 2011	Entergy	585					3,330	1,750				948		949					
	MDPH/MERL	523					3,823	2,325				886		1,120					
July 13, 2011	Entergy	542					3,240	804				970		803					
	MDPH/MERL***																		
July 19, 2011	Entergy	588	NDA<310	337	345	470	1,710	845	NDA<309	NDA<306	359	1,160	461	847	640	450	NDA<307	NDA<306	451
	MDPH/MERL	440	NDA<300	325	NDA<300	382	1,333	1,575	445	NDA<300	NDA<300	1,042	360	1,210	765	NDA<300	NDA<300	NDA<300	460
July 27, 2011	Entergy	572					9,100	1,220				736		1,030					
	MDPH/MERL	664					9,603	1,446				1,000		1,101					
August 2, 1011	Entergy	NDA<376					2,520	1,840				669		626					
	MDPH/MERL	560					3,379	1,707				1,026		1,337					
August 9, 2011	Entergy	529					5,320	1,380				833		1,240					
	MDPH/MERL	681					6,142	1,808				1,040		1,307					
August 16, 2011	Entergy	557	NDA<375	NDA<376	NDA<375	NDA<375	4,730	NDA<342	427	NDA<377	NDA<377	729	NDA<380	1,150	503	NDA<306	NDA<377	NDA<377	No Sample
	MDPH/MERL	626	NDA<300	NDA<300	NDA<300	395	5,567	NDA<300	NDA<300	NDA<300	NDA<300	1,029	487	1,289	661	NDA<300	NDA<300	NDA<300	No Sample
August 23, 2011	Entergy	685					7,330	953				1,320		1,330					
	MDPH/MERL	939					9,526	1,247				1,274		1,392					
August 30, 2011	Entergy	653					2,140	2,280				879		1,380					
	MDPH/MERL	794					1,915	2,648				1,393		1,566					
September 6, 2011	Entergy	No Sample					1,500	2,010				1,120		No Sample					
	MDPH/MERL	No Sample					1,963	2,935				1,316		No Sample					
September 13, 2011	Entergy	399	NDA<373	NDA<374	NDA<375	NDA<375	1,190	1,400	NDA<372	NDA<339	NDA<376	1,060	397	1,290	402	NDA<376	NDA<374	NDA<374	No Sample
	MDPH/MERL	967	586	733	503	789	1,768	1,686	824	471	581	1,550	810	1,746	1,098	631	340	482	No Sample
September 19, 2011	Entergy	600					1,890	2,970				1,370		1,240					
	MDPH/MERL	660					2,242	2,742				1,331		1,633					
September 27, 2011	Entergy	493					4,650	3,740				1,570		1,270					
	MDPH/MERL	610					5,480	3,666				1,553		1,616					

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-2021, 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