

Summary of Tritium Detected in Groundwater Monitoring Wells* Pilgrim Nuclear Power Station, Plymouth, MA 2011 Quarter 4- 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-215**	MW-217**	MW-3	MW4
October 4, 2011	Entergy	No Sample					2,040	2,650				1,520		1,720							
	MDPH/MERL	No Sample					2,338	2,005				1,448		1,693							
October 11, 2011	Entergy	618	NDA<301	483	373	NDA<306	7,110	1,950	NDA<302	322	341	1,280	664	1,620	792	333	NDA<305			NDA<301	NDA<302
	MDPH/MERL	756	311	414	NDA<300	538	8,306	2,854	619	NDA<300	394	1,463	773	1,847	844	NDA<300	NDA<300			NDA<300	686
October 18, 2011	Entergy	533					4,340	1,590				1,170		1,370							
	MDPH/MERL	595					5,139	2,024				1,470		1,679							
October 25, 2011	Entergy	512					4,900	1,400				1,160		1,130							
	MDPH/MERL	678					6,359	1,761				1,478		1,617							
November 1, 2011	Entergy	No Sample					712	1,110				1,240		1,290							
	MDPH/MERL	No Sample					1,230	1,075				1,556		1,579							
November 8, 2011	Entergy	661	NDA<399	NDA<402	NDA<398	NDA<401	3,840	3,380	NDA<393	NDA<400	NDA<401	1,450	782	1,790	685	NDA<401	NDA<410			NDA<399	No Sample
	MDPH/MERL	507	NDA<300	383	NDA<300	370	4,562	5,078	569	589	NDA<300	1,355	1,036	1,659	751	NDA<300	NDA<300			NDA<300	No Sample
November 15, 2011	Entergy	967					2,880	1,960				1,180		1,010							
	MDPH/MERL	596					3,583	1,890				1,474		1,576							
November 22, 2011	Entergy	No Sample					6,790	3,050				1,080		1,260							
	MDPH/MERL	No Sample					8,644	2,344				1,320		1,487							
November 29, 2011	Entergy	413					3,530	3,060				1,180		1,320							
	MDPH/MERL	412					2,132	2,483				1,363		1,396							
December 6, 2011	Entergy	NDA<395					6,860	3,730				1,010		1,200							
	MDPH/MERL	424					7,758	3,307				1,272		1,281							
December 13, 2011	Entergy	419					2,550	5,050				1,290		1,330							
	MDPH/MERL	414					2,739	3,949				1,280		1,296							
December 22, 2011	Entergy	454					5,390	3,330				1,570		1,420				1,820	542		
	MDPH/MERL	357					6,088	3,798				1,609		1,243				1,593	565		
December 29, 2011	Entergy	348					2,380	3,610				1,270		1,240				1,330	530		
	MDPH/MERL	400					1,916	3,690				1,200		1,244				1,540	608		

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; Groundwater Monitoring Wells MW-215 and MW217 were installed in late 2011.
*** Results pending
NDA< = Not detected at less than activity value listed
N.A. = Not analyzed
N.S. = Not sampled