Summary of Tritium Detected in Surface Water Samples through December 31, 2023 Pilgrim Nuclear Power Station Plymouth, MA Tritium Concentration (pCi/L)

		Tritium Concentration (pC	
Sample Collection Date	Reported By ¹	North of MW 205 (Intake)	Surface Water Inlet at Boat Ramp
July 7, 2010	Entergy	<402	<402
	MDPH/MERL	<300	<300
July 26, 2010	Entergy	<339	<340
	MDPH/MERL	<300	<300
August 2, 2010	Entergy	<466	<466
	MDPH/MERL	<300	<300
August 9, 2010	Entergy	<316	<314
	MDPH/MERL	Not analyzed	Not analyzed
August 26, 2010	Entergy	<343	<347
	MDPH/MERL	Not analyzed	Not analyzed
August 30, 2010	Entergy	<320	<319
	MDPH/MERL	Not analyzed	Not analyzed
September 7/8, 2010	Entergy	<328	<326
	MDPH/MERL	<300	<300
	– <i>i</i>	070	074
September 13, 2010	Entergy	<378	<374
	MDPH/MERL	Not analyzed	Not analyzed
September 20/21, 2010	Entoray	<393	<389
September 20/21, 2010	Entergy MDPH/MERL	Not analyzed	Not analyzed
		Not analyzeu	Not analyzeu
September 28/29, 2010	Entergy	<309	<311
	MDPH/MERL	Not analyzed	Not analyzed
			The analyzed
October 4, 2010	Entergy	<303	<305
	MDPH/MERL	<300	<300
October 13, 2010	Entergy	<346	<343
,	MEPH/MERL	Not analyzed	Not analyzed
October 18, 2010	Entergy	<325	<325
	MDPH/MERL	<300	<300

^{1.} Entergy/Holtec samples are collected by Entergy/Holtec Consultant and analyzed by Entergy/Holtec Contract Laboratory; MDPH split samples received from Entergy/Holtec and analyzed by Massachusetts Environmental Radiation Laboratory (MERL).

<= Not detected above the detection limit shown. MERL's lower detection limit is 300 pCi/L.

Summary of Tritium Detected in Surface Water Samples through December 31, 2023 Pilgrim Nuclear Power Station Plymouth, MA

		Tritium Concen	tration (pCi/L)
Sample Collection Date	Reported By ¹	North of MW 205 (Intake)	Surface Water Inlet at Boat Ramp
November 1, 2010	Entergy	<339	<312
	MDPH/MERL	<300	<300
November 16, 2010	Entergy	<301	<305
	MDPH/MERL	Not analyzed	Not analyzed
November 22, 2010	Entergy	<319	<319
	MDPH/MERL	Not analyzed	Not analyzed
November 30, 2010	Entergy	<317	<398
	MDPH/MERL	Not analyzed	Not analyzed
December 9, 2010	Entergy	<418	<416
	MDPH/MERL	<300	<300
December 15, 2010	Entergy	<354	<371
	MDPH/MERL	Not analyzed	Not analyzed
			,
January 4, 2011	Entergy	<313	<338
	MDPH/MERL	<300	<300
March 2, 2011	Entergy	<399	<325
	MDPH/MERL	<300	<300
March 29, 2011	Entergy	<328	<327
	MDPH/MERL	<300	<300
April 27, 2011	Entergy	<390	<389
	MDPH/MERL	<300	<300
May 25, 2011	Entergy	<372	<379
	MDPH/MERL	<300	<300
June 21,2011	Entergy	<318	<319
	MDPH/MERL	<300	<300
July 19, 2011	Entergy	<306	No Sample
	MDPH/MERL	<300	No Sample

^{1.} Entergy/Holtec samples are collected by Entergy/Holtec Consultant and analyzed by Entergy/Holtec Contract Laboratory; MDPH split samples received from Entergy/Holtec and analyzed by Massachusetts Environmental Radiation Laboratory (MERL).

Summary of Tritium Detected in Surface Water Samples				
through December 31, 2023 Pilgrim Nuclear Power Station Plymouth, MA				
		Tritium Concen	tration (pCi/L)	
Sample Collection Date	Reported By ¹	North of MW 205 (Intake)	Surface Water Inlet at Boat Ramp	
August 16, 2011	Entergy	<377	No Sample	
	MDPH/MERL	<300	No Sample	
September 13, 2011	Entergy	<375	No Sample	
	MDPH/MERL	<300	No Sample	
October 11, 2011	Entergy	<300	No Sample	
	MDPH/MERL	<300	No Sample	
November 8, 2011	Entergy	<400	No Sample	
	MDPH/MERL	<300	No Sample	
February 7, 2012	Entergy	<414	No Sample	
	MDPH/MERL	<300	No Sample	
February 21, 2012	Entergy	<333	No Sample	
	MDPH/MERL	<300	No Sample	
March 6, 2012	Entergy	<373	No Sample	
	MDPH/MERL	<300	No Sample	
March 20, 2012	Entergy	<411	No Sample	
	MDPH/MERL	<300	No Sample	
April 3, 2012	Entergy	<385	No Sample	
	MDPH/MERL	<300	No Sample	
April 17, 2012	Entergy	<346	No Sample	
	MDPH/MERL	<300	No Sample	
May 9, 2012	Entergy	<388	No Sample	
	MDPH/MERL	<300	No Sample	
May 21, 2012	Entergy	<405	No Sample	
	MDPH/MERL	<300	No Sample	
May 25, 2012	Entergy	<428	No Sample	
	MDPH/MERL	<300	No Sample	

^{1.} Entergy/Holtec samples are collected by Entergy/Holtec Consultant and analyzed by Entergy/Holtec Contract Laboratory; MDPH split samples received from Entergy/Holtec and analyzed by Massachusetts Environmental Radiation Laboratory (MERL).

<= Not detected above the detection limit shown. MERL's lower detection limit is 300 pCi/L.

Summary of Tritium Detected in Surface Water Samples through December 31, 2023 Pilgrim Nuclear Power Station Plymouth, MA			
		Tritium Concen	tration (pCi/L)
Sample Collection Date	Reported By ¹	North of MW 205 (Intake)	Surface Water Inlet at Boat Ramp
June 26, 2012	Entergy	No Sample	<419
	MDPH/MERL	No Sample	<300
July 23, 2012	Entergy	< 419	No Sample
	MDPH/MERL	< 300	No Sample
August 6, 2012	Entergy	< 398	No Sample
	MDPH/MERL	< 300	No Sample
August 20, 2012	Entergy MDPH/MERL	< 364 < 300	No Sample No Sample
September 10, 2012	Entergy	< 333	No Sample
	MDPH/MERL	< 300	No Sample
September 17, 2012	Entergy	< 351	No Sample
	MDPH/MERL	< 300	No Sample
October 1, 2012	Entergy	< 419	No Sample
	MDPH/MERL	< 300	No Sample
October 15, 2012	Entergy	< 359	No Sample
	MDPH/MERL	< 300	No Sample
October 22, 2012	Entergy	< 356	< 397
	MDPH/MERL	< 300	< 300
October 29, 2012	Entergy	< 352	No Sample
	MDPH/MERL	< 300	No Sample
November 12, 2012	Entergy	< 377	< 391
	MDPH/MERL	< 300	< 300
November 26, 2012	Entergy	< 371	No Sample
	MDPH/MERL	< 300	No Sample
December 10, 2012	Entergy	< 381	No Sample
	MDPH/MERL	< 300	No Sample

^{1.} Entergy/Holtec samples are collected by Entergy/Holtec Consultant and analyzed by Entergy/Holtec Contract Laboratory; MDPH split samples received from Entergy/Holtec and analyzed by Massachusetts Environmental Radiation Laboratory (MERL).

<= Not detected above the detection limit shown. MERL's lower detection limit is 300 pCi/L.

Summary of Tritium Detected in Surface Water Samples through December 31, 2023 Pilgrim Nuclear Power Station					
	Plymouth, MA Tritium Concentration (pCi/L)				
Sample Collection Date	Reported By ¹	North of MW 205 (Intake)	Surface Water Inlet at Boat Ramp		
December 24, 2012	Entergy	< 329	No Sample		
	MDPH/MERL	< 300	No Sample		
January 7, 2013	Entergy	< 346	No Sample		
	MDPH/MERL	< 300	No Sample		
January 21, 2013	Entergy	< 365	No Sample		
	MDPH/MERL	< 300	No Sample		
February 4, 2013	Entergy	< 439	No Sample		
	MDPH/MERL	< 300	No Sample		
February 18, 2013	Entergy	< 421	< 425		
	MDPH/MERL	< 300	< 300		
March 11, 2013	Entergy	< 408	No Sample		
	MDPH/MERL	< 300	No Sample		
March 18, 2013	Entergy	< 373	No Sample		
	MDPH/MERL	< 300	No Sample		
April 1, 2013	Entergy	< 343	No Sample		
	MDPH/MERL	< 300	No Sample		
April 15, 2013	Entergy	< 333	No Sample		
	MDPH/MERL	< 300	No Sample		
April 29, 2013	Entergy	< 336	No Sample		
	MDPH/MERL	< 300	No Sample		
May 13, 2013	Entergy	< 413	< 432		
	MDPH/MERL	< 300	< 300		
May 27, 2013	Entergy	< 376	No Sample		
	MDPH/MERL	< 300	No Sample		
June 10, 2013	Entergy	< 348	No Sample		
	MDPH/MERL	< 300	No Sample		

^{1.} Entergy/Holtec samples are collected by Entergy/Holtec Consultant and analyzed by Entergy/Holtec Contract Laboratory; MDPH split samples received from Entergy/Holtec and analyzed by Massachusetts Environmental Radiation Laboratory (MERL).

<= Not detected above the detection limit shown. MERL's lower detection limit is 300 pCi/L.

Summary of Tritium Detected in Surface Water Samples through December 31, 2023 Pilgrim Nuclear Power Station					
	Plymouth, MA Tritium Concentration (pCi/L)				
Sample Collection Date	Reported By ¹	North of MW 205 (Intake)	Surface Water Inlet at Boat Ramp		
June 24, 2013	Entergy	< 351	No Sample		
	MDPH/MERL	< 300	No Sample		
July 8, 2013	Entergy	< 333	No Sample		
	MDPH/MERL	< 300	No Sample		
July 22, 2013	Entergy	< 414	No Sample		
	MDPH/MERL	< 300	No Sample		
August 5, 2013	Entergy	< 357	No Sample		
	MDPH/MERL	< 300	No Sample		
August 19, 2013	Entergy	< 351	No Sample		
	MDPH/MERL	< 300	No Sample		
August 26, 2013	Entergy	< 384	< 360		
	MDPH/MERL	< 300	< 300		
September 2, 2013	Entergy	< 438	No Sample		
	MDPH/MERL	< 300	No Sample		
September 16, 2013	Entergy MDPH/MERL	< 436	No Sample No Sample		
September 30, 2013	Entergy MDPH/MERL	< 356	No Sample		
October 14, 2013	Entergy	Unable to Analyze	No Sample No Sample		
October 28, 2013	MDPH/MERL	< 300	No Sample		
	Entergy	< 356	No Sample		
November 4, 2013	MDPH/MERL	< 300	No Sample		
	Entergy	No Sample	< 356		
November 11, 2013	MDPH/MERL Entergy	No Sample	< 300 No Sample		
	MDPH/MERL	< 300	No Sample		

^{1.} Entergy/Holtec samples are collected by Entergy/Holtec Consultant and analyzed by Entergy/Holtec Contract Laboratory; MDPH split samples received from Entergy/Holtec and analyzed by Massachusetts Environmental Radiation Laboratory (MERL).

<= Not detected above the detection limit shown. MERL's lower detection limit is 300 pCi/L.

Summary of Tritium Detected in Surface Water Samples through December 31, 2023 Pilgrim Nuclear Power Station					
	Plymouth, MA				
		Tritium Concen	tration (pCi/L)		
Sample Collection Date	Reported By ¹	North of MW 205 (Intake)	Surface Water Inlet at Boat Ramp		
November 25, 2013	Entergy	< 308	No Sample		
	MDPH/MERL	< 300	No Sample		
December 9, 2013	Entergy	< 366	No Sample		
	MDPH/MERL	< 300	No Sample		
December 23, 2013	Entergy *** MDPH/MERL	< 300	No Sample No Sample		
January 6, 2014	Entergy	< 379	No Sample		
	MDPH/MERL	< 300	No Sample		
January 13, 2014	Entergy	< 347	No Sample		
	MDPH/MERL	< 300	No Sample		
January 20, 2014	Entergy	< 348	No Sample		
	MDPH/MERL	< 300	No Sample		
February 3, 2014	Entergy	< 404	No Sample		
	MDPH/MERL	< 300	No Sample		
February 10, 2014	Entergy	< 361	< 370		
	MDPH/MERL	< 300	< 300		
February 17, 2014	Entergy	< 376	No Sample		
	MDPH/MERL	< 300	No Sample		
February 24, 2014	Entergy	< 337	No Sample		
	MDPH/MERL	< 300	No Sample		
March 3, 2014	Entergy	< 355	No Sample		
	MDPH/MERL	< 300	No Sample		
March 10, 2014	Entergy	< 351	No Sample		
	MDPH/MERL	< 300	No Sample		
March 17, 2014	Entergy	< 329	No Sample		
	MDPH/MERL	< 300	No Sample		

^{1.} Entergy/Holtec samples are collected by Entergy/Holtec Consultant and analyzed by Entergy/Holtec Contract Laboratory; MDPH split samples received from Entergy/Holtec and analyzed by Massachusetts Environmental Radiation Laboratory (MERL).

<= Not detected above the detection limit shown. MERL's lower detection limit is 300 pCi/L.

Summary of Tritium Detected in Surface Water Samples through December 31, 2023			
	ilgrim Nuclear Po Plymouth,	wer Station	
		Tritium Concen	tration (pCi/L)
Sample Collection Date	Reported By ¹	North of MW 205 (Intake)	Surface Water Inlet at Boat Ramp
March 24, 2014	Entergy	< 311	No Sample
	MDPH/MERL	< 300	No Sample
Marah 21, 2014	Entormy	. 267	No Somolo
March 31, 2014	Entergy MDPH/MERL	< 367 < 300	No Sample No Sample
		< 300	No Sample
April 7, 2014	Entergy	< 353	No Sample
,	MDPH/MERL	< 300	No Sample
April 14, 2014	Entergy	< 332	No Sample
	MDPH/MERL	< 300	No Sample
April 21, 2014	Entergy	< 352	No Sample
	MDPH/MERL	< 300	No Sample
A		010	
April 28, 2014	Entergy	< 316	No Sample
	MDPH/MERL	< 300	No Sample
May 5, 2014	Entergy	< 317	No Sample
1110y 0, 2014	MDPH/MERL	< 300	No Sample
	morrinerce		
May 12, 2014	Entergy	< 343	< 368
	MDPH/MERL	< 300	< 300
May 19, 2014	Entergy	< 364	No Sample
	MDPH/MERL	< 300	No Sample
May 26, 2014	Entergy	< 370	No Sample
	MDPH/MERL	< 300	No Sample
June 2, 2014	Entergy	< 345	No Sample
Julie 2, 2014	MDPH/MERL	< 345	No Sample
		< 000	
June 12, 2014	Entergy	<378	No Sample
, -	MDPH/MERL	<300	No Sample
			<u>.</u>
June 16, 2014	Entergy	<336	No Sample
	MDPH/MERL	<300	No Sample

^{1.} Entergy/Holtec samples are collected by Entergy/Holtec Consultant and analyzed by Entergy/Holtec Contract Laboratory; MDPH split samples received from Entergy/Holtec and analyzed by Massachusetts Environmental Radiation Laboratory (MERL).

<= Not detected above the detection limit shown. MERL's lower detection limit is 300 pCi/L.

Summary of Tritium Detected in Surface Water Samples through December 31, 2023 Pilgrim Nuclear Power Station					
	Plymouth, MA				
		Tritium Concen	tration (pCi/L)		
Sample Collection Date	Reported By ¹	North of MW 205 (Intake)	Surface Water Inlet at Boat Ramp		
June 25, 2014	Entergy	<341	No Sample		
	MDPH/MERL	<300	No Sample		
June 30, 2014	Entergy	<412	No Sample		
	MDPH/MERL	<300	No Sample		
	– <i>i</i>				
July 7, 2014	Entergy	<416	No Sample		
	MDPH/MERL	<300	No Sample		
July 14, 2014	Entoray	<405	No Sample		
July 14, 2014	Entergy MDPH/MERL	<300	No Sample		
		<300	No Sample		
July 21, 2014	Entergy	<396	No Sample		
001y 21, 2011	MDPH/MERL	<300	No Sample		
July 28, 2014	Entergy	<386	No Sample		
	MDPH/MERL	<300	No Sample		
August 4, 2014	Entergy	<383	No Sample		
	MDPH/MERL	<300	No Sample		
August 11, 2014	Entergy	<366	No Sample		
	MDPH/MERL	<300	No Sample		
August 19, 2014	Entergy	<363	No Sample		
	MDPH/MERL	<300	No Sample		
August 05, 0014	Enterny	.070	No Comple		
August 25, 2014	Entergy MDPH/MERL	<372 <300	No Sample		
		<300	No Sample		
September 2, 2014	Entergy	<400	No Sample		
	MDPH/MERL	<300	No Sample		
		~000			
September 9, 2014	Entergy	<312	No Sample		
	MDPH/MERL	<300	No Sample		
September 15, 2014	Entergy	<375	No Sample		
	MDPH/MERL	<300	No Sample		

^{1.} Entergy/Holtec samples are collected by Entergy/Holtec Consultant and analyzed by Entergy/Holtec Contract Laboratory; MDPH split samples received from Entergy/Holtec and analyzed by Massachusetts Environmental Radiation Laboratory (MERL).

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Summary of Tritium Detected in Surface Water Samples through December 31, 2023 Pilgrim Nuclear Power Station Plymouth, MA				
		Tritium Concen	tration (pCi/L)	
Sample Collection Date	Reported By ¹	North of MW 205 (Intake)	Surface Water Inlet at Boat Ramp	
September 22, 2014	Entergy	<386	No Sample	
	MDPH/MERL	<300	No Sample	
September 20, 2014	Entoray	<416	No Somolo	
September 29, 2014	Entergy MDPH/MERL	<300	No Sample No Sample	
		<300	No Sample	
October 6, 2014	Entergy	No Sample	<427	
	MDPH/MERL	No Sample	<300	
October 10, 2014	Entoray	<388	No Sample	
	Entergy MDPH/MERL	<300	No Sample	
		<300	No Sample	
October 13, 2014	Entergy	<351	No Sample	
	MDPH/MERL	305	No Sample	
October 24, 2014	Entergy	<390	No Sample	
	MDPH/MERL	<300	No Sample	
October 28, 2014	Entergy	<391	No Sample	
	MDPH/MERL	<300	No Sample	
November 7, 2014	Entergy	<390	No Sample	
	MDPH/MERL	<300	No Sample	
November 10, 2014	Entergy	<361	No Sample	
	MDPH/MERL	<300	No Sample	
November 19, 2014	Entergy	<382	No Sample	
	MDPH/MERL	<300	No Sample	
		<u></u>		
November 21, 2014	Entergy	No Sample	<386	
	MDPH/MERL	No Sample	<300	
November 24, 2014	Entoray	<391	No Samala	
1000011001 24, 2014	Entergy MDPH/MERL	<300	No Sample No Sample	
		<300	No Sample	
December 1, 2014	Entergy	<360	No Sample	
	MDDH/MEDI	<300	No Sample	

<300

No Sample

MDPH/MERL

^{1.} Entergy/Holtec samples are collected by Entergy/Holtec Consultant and analyzed by Entergy/Holtec Contract Laboratory; MDPH split samples received from Entergy/Holtec and analyzed by Massachusetts Environmental Radiation Laboratory (MERL).

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Summary of Tritium Detected in Surface Water Samples through December 31, 2023				
Pilgrim Nuclear Power Station Plymouth, MA				
		Tritium Concen	tration (pCi/L)	
Sample Collection Date	Reported By ¹	North of MW 205 (Intake)	Surface Water Inlet at Boat Ramp	
December 8, 2014	Entergy	<397	No Sample	
	MDPH/MERL	<300	No Sample	
December 15, 2014	Entergy	<396	No Sample	
	MDPH/MERL	<300	No Sample	
December 22, 2014	Entergy	<358	No Sample	
	MDPH/MERL	<300	No Sample	
December 29, 2014	Entergy	<354	No Sample	
	MDPH/MERL	<300	No Sample	
January 5, 2015	Entergy	<351	No Sample	
	MDPH/MERL	<300	No Sample	
January 12, 2015	Entergy	<349	No Sample	
	MDPH/MERL	<300	No Sample	
January 19, 2015	Entergy	<356	No Sample	
	MDPH/MERL	<300	No Sample	
February 1, 2015	Entergy	<352	No Sample	
	MDPH/MERL	<300	No Sample	
February 5, 2015	Entergy	<345	No Sample	
	MDPH/MERL	<300	No Sample	
February 10, 2015	Entergy	<408	No Sample	
	MDPH/MERL	<300	No Sample	
February 17, 2015	Entergy	<426	No Sample	
	MDPH/MERL	<300	No Sample	
February 27, 2015	Entergy	<400	No Sample	
	MDPH/MERL	<300	No Sample	
March 2, 2015	Entergy	<388	No Sample	
	MDPH/MERL	<300	No Sample	

1. Entergy/Holtec samples are collected by Entergy/Holtec Consultant and analyzed by Entergy/Holtec Contract Laboratory; MDPH split samples received from Entergy/Holtec and analyzed by Massachusetts Environmental Radiation Laboratory (MERL).

Summary of Tritium Detected in Surface Water Samples through December 31, 2023 Pilgrim Nuclear Power Station					
	Plymouth, MA				
		Tritium Concen	tration (pCi/L)		
Sample Collection Date	Reported By ¹	North of MW 205 (Intake)	Surface Water Inlet at Boat Ramp		
March 9, 2015	Entergy	<401	No Sample		
	MDPH/MERL	<300	No Sample		
March 20, 2015	Entergy	<382	No Sample		
	MDPH/MERL	<300	No Sample		
March 22, 2015	Entoray	<364	No Samplo		
March 23, 2015	Entergy MDPH/MERL		No Sample		
		<300	No Sample		
April 2, 2015	Entergy	<361	<363		
	MDPH/MERL	<300	<300		
April 6, 2015	Entergy	<309	No Sample		
	MDPH/MERL	<300	No Sample		
April 16, 2015	Entergy	<308	No Sample		
	MDPH/MERL	<300	No Sample		
April 20, 2015	Entergy	<340	No Sample		
	MDPH/MERL	<300	No Sample		
April 27, 2015	Entergy	<345	No Sample		
	MDPH/MERL	<300	No Sample		
May 4, 2015	Entermy	-045	No Samala		
May 4, 2015	Entergy	<245	No Sample		
	MDPH/MERL	<300	No Sample		
May 11, 2015	Entergy	<285	No Sample		
111dy 11, 2010	MDPH/MERL	<300	No Sample		
May 18, 2015	Entergy	<281	No Sample		
	MDPH/MERL	<300	No Sample		
May 25, 2015	Entergy	<315	No Sample		
	MDPH/MERL	<300	No Sample		
June 1, 2015	Entergy	<317	No Sample		
	MDPH/MERL	<300	No Sample		

^{1.} Entergy/Holtec samples are collected by Entergy/Holtec Consultant and analyzed by Entergy/Holtec Contract Laboratory; MDPH split samples received from Entergy/Holtec and analyzed by Massachusetts Environmental Radiation Laboratory (MERL).

<= Not detected above the detection limit shown. MERL's lower detection limit is 300 pCi/L.

Summary of Tritium Detected in Surface Water Samples through December 31, 2023 Pilgrim Nuclear Power Station Plymouth, MA				
		Tritium Concen	tration (pCi/L)	
Sample Collection Date	Reported By ¹	North of MW 205 (Intake)	Surface Water Inlet at Boat Ramp	
June 8, 2015	Entergy	<339	No Sample	
	MDPH/MERL	<300	No Sample	
June 15, 2015	Entergy	<327	<330	
	MDPH/MERL	<300	<300	
June 24, 2015	Entergy	<311	No Sample	
	MDPH/MERL	<300	No Sample	
June 29, 2015	Entergy	<332	No Sample	
	MDPH/MERL	<300	No Sample	
July 6, 2015	Entergy	<336	No Sample	
	MDPH/MERL	<300	No Sample	
July 14, 2015	Entergy	<333	No Sample	
	MDPH/MERL	<300	No Sample	
July 20, 2015	Entergy	<319	No Sample	
	MDPH/MERL	<300	No Sample	
July 27, 2015	Entergy	<348	No Sample	
	MDPH/MERL	<300	No Sample	
August 3, 2015	Entergy	<183	No Sample	
	MDPH/MERL	<300	No Sample	
August 10, 2015	Entergy	<319	No Sample	
	MDPH/MERL	<300	No Sample	
August 17, 2015	Entergy	<325	No Sample	
	MDPH/MERL	<300	No Sample	
August 25, 2015	Entergy MDPH/MERL	<338	No Sample No Sample	
August 31, 2015	Entergy	<342	No Sample	
	MDPH/MERL	<300	No Sample	

^{1.} Entergy/Holtec samples are collected by Entergy/Holtec Consultant and analyzed by Entergy/Holtec Contract Laboratory; MDPH split samples received from Entergy/Holtec and analyzed by Massachusetts Environmental Radiation Laboratory (MERL).

<= Not detected above the detection limit shown. MERL's lower detection limit is 300 pCi/L.

Summary of Tritium Detected in Surface Water Samples through December 31, 2023 **Pilgrim Nuclear Power Station** Plymouth, MA Tritium Concentration (pCi/L) **Sample Collection** Surface Water Reported By¹ North of MW 205 Date **Inlet at Boat** (Intake) Ramp September 11, 2015 <341 Entergy No Sample MDPH/MERL <300 No Sample September 14, 2015 Entergy <338 No Sample MDPH/MERL <300 No Sample

September 23, 2015	Entergy	<339	No Sample
	MDPH/MERL	<300	No Sample
September 28, 2015	Entergy	<317	No Sample
	MDPH/MERL	<300	No Sample
October 8, 2015	Entergy	<323	No Sample
	MDPH/MERL	<300	No Sample
October 15, 2015	Entergy	<336	No Sample
	MDPH/MERL	<300	No Sample
October 20, 2015	Entergy	<336	No Sample
	MDPH/MERL	<300	No Sample
October 30, 2015	Entergy	<315	No Sample
	MDPH/MERL	<300	No Sample
November 4, 2015	Entergy	<322	No Sample
	MDPH/MERL	<300	No Sample
November 13, 2015	Entergy	<332	No sample
	MDPH/MERL	<300	No sample
November 16, 2015	Entergy	<350	<337
	MDPH/MERL	<300	<300
November 23, 2015	Entergy	<282	No Sample
	MDPH/MERL	<300	No Sample
November 30, 2015	Entergy	<285	No Sample
	MDPH/MERL	<300	No Sample

^{1.} Entergy/Holtec samples are collected by Entergy/Holtec Consultant and analyzed by Entergy/Holtec Contract Laboratory; MDPH split samples received from Entergy/Holtec and analyzed by Massachusetts Environmental Radiation Laboratory (MERL).

Summary of Tritium Detected in Surface Water Samples through December 31, 2023 Pilgrim Nuclear Power Station Plymouth, MA				
		Tritium Concen	tration (pCi/L)	
Sample Collection Date	Reported By ¹	North of MW 205 (Intake)	Surface Water Inlet at Boat Ramp	
December 7, 2015	Entergy	<327	No Sample	
	MDPH/MERL	<300	No Sample	
December 14, 2015	Entergy	<300	No Sample	
	MDPH/MERL	<300	No Sample	
December 21, 2015	Entergy	<317	No Sample	
	MDPH/MERL	<300	No Sample	
December 31, 2015	Entergy	<309	No Sample	
	MDPH/MERL	<300	No Sample	
January 4, 2016	Entergy	<344	No Sample	
	MDPH/MERL	<300	No Sample	
January 11, 2016	Entergy	<346	No Sample	
	MDPH/MERL	<300	No Sample	
January 18, 2016	Entergy	<347	No Sample	
	MDPH/MERL	<300	No Sample	
January 25, 2016	Entergy	<348	No Sample	
	MDPH/MERL	<300	No Sample	
February 1, 2016	Entergy	<320	No Sample	
	MDPH/MERL	<300	No Sample	
February 12, 2016	Entergy	<328	No Sample	
	MDPH/MERL	<300	No Sample	
February 15, 2016	Entergy	<324	No Sample	
	MDPH/MERL	<300	No Sample	
February 22, 2016	Entergy	<322	<337	
	MDPH/MERL	<300	<300	
February 29, 2016	Entergy	<289	No Sample	
	MDPH/MERL	<300	No Sample	

^{1.} Entergy/Holtec samples are collected by Entergy/Holtec Consultant and analyzed by Entergy/Holtec Contract Laboratory; MDPH split samples received from Entergy/Holtec and analyzed by Massachusetts Environmental Radiation Laboratory (MERL).

<= Not detected above the detection limit shown. MERL's lower detection limit is 300 pCi/L.

Summary of Tritium Detected in Surface Water Samples through December 31, 2023 Pilgrim Nuclear Power Station Plymouth, MA				
		Tritium Concen	tration (pCi/L)	
Sample Collection Date	Reported By ¹	North of MW 205 (Intake)	Surface Water Inlet at Boat Ramp	
March 8, 2016	Entergy	<280	No Sample	
	MDPH/MERL	<300	No Sample	
March 14, 2016	Entergy	<283	No Sample	
	MDPH/MERL	<300	No Sample	
March 22, 2016	Entergy	<317	No Sample	
	MDPH/MERL	<300	No Sample	
March 29, 2016	Entergy	<314	No Sample	
	MDPH/MERL	<300	No Sample	
April 4, 2016	Entergy	<320	No Sample	
	MDPH/MERL	<300	No Sample	
April 11, 2016	Entergy	<316	No Sample	
	MDPH/MERL	<300	No Sample	
April 19, 2016	Entergy	<312	No Sample	
	MDPH/MERL	<300	No Sample	
April 25, 2016	Entergy	<327	<305	
	MDPH/MERL	<300	<300	
May 2, 2016	Entergy	<315	No Sample	
	MDPH/MERL	<300	No Sample	
May 9, 2016	Entergy	<327	No Sample	
	MDPH/MERL	<300	No Sample	
May 16, 2016	Entergy	<324	No Sample	
	MDPH/MERL	<300	No Sample	
May 24, 2016	Entergy	<193	No Sample	
	MDPH/MERL	<300	No Sample	
June 2, 2016	Entergy	<299	No Sample	
	MDPH/MERL	<300	No Sample	

^{1.} Entergy/Holtec samples are collected by Entergy/Holtec Consultant and analyzed by Entergy/Holtec Contract Laboratory; MDPH split samples received from Entergy/Holtec and analyzed by Massachusetts Environmental Radiation Laboratory (MERL).

<= Not detected above the detection limit shown. MERL's lower detection limit is 300 pCi/L.

Summary of Tritium Detected in Surface Water Samples through December 31, 2023 Pilgrim Nuclear Power Station Plymouth, MA				
		Tritium Concen	tration (pCi/L)	
Sample Collection Date	Reported By ¹	North of MW 205 (Intake)	Surface Water Inlet at Boat Ramp	
June 6, 2016	Entergy	<308	No Sample	
	MDPH/MERL	<300	No Sample	
June 13, 2016	Entergy	<296	No Sample	
	MDPH/MERL	<300	No Sample	
June 20, 2016	Entergy	<304	No Sample	
	MDPH/MERL	<300	No Sample	
June 27, 2016	Entergy	<174	No Sample	
	MDPH/MERL	<300	No Sample	
lub/ 5, 2016	ENTERGY/GEL	<347	No Sampla	
July 5, 2016	MDPH/MERL	<347	No Sample No Sample	
		<300	No Sample	
July 11, 2016	ENTERGY/GEL	<347	No Sample	
	MDPH/MERL	<300	No Sample	
July 19, 2016	ENTERGY/GEL	<333	No Sample	
	MDPH/MERL	<300	No Sample	
July 26, 2016	ENTERGY/GEL	<329	No Sample	
	MDPH/MERL	<300	No Sample	
August 3, 2016	ENTERGY/GEL	<346	<336	
	MDPH/MERL	<300	<300	
August 0, 2010		.044	No Comolo	
August 9, 2016	ENTERGY/GEL MDPH/MERL	<344 <300	No Sample No Sample	
		~500		
August 15, 2016	ENTERGY/GEL	<343	No Sample	
	MDPH/MERL	<300	No Sample	
August 22, 2016	ENTERGY/GEL	<343	No Sample	
	MDPH/MERL	<300	No Sample	
August 20, 2016	ENTERGY/GEL	<344	No Samala	
August 29, 2016	MDPH/MERL	<344	No Sample No Sample	
		~500		

1. Entergy/Holtec samples are collected by Entergy/Holtec Consultant and analyzed by Entergy/Holtec Contract Laboratory; MDPH split samples received from Entergy/Holtec and analyzed by Massachusetts Environmental Radiation Laboratory (MERL).

S	Summary of Tritium Detected in Surface Water Samples				
	through December 31, 2023 Pilgrim Nuclear Power Station Plymouth, MA				
			Tritium Concen	tration (pCi/L)	
Samp	le Collection Date	Reported By ¹	North of MW 205 (Intake)	Surface Water Inlet at Boat Ramp	
Septe	mber 6, 2016	ENTERGY/GEL	<339	No Sample	
		MDPH/MERL	<300	No Sample	
Septer	mber 12, 2016	ENTERGY/GEL	<287	No Sample	
		MDPH/MERL	<300	No Sample	
0.1	1 00 0040		000		
Septer	mber 20, 2016	ENTERGY/GEL	<269	No Sample	
		MDPH/MERL	<300	No Sample	
Senter	mber 29, 2016	ENTERGY/GEL	<345	No Sample	
Ocpici	11001 20, 2010	MDPH/MERL	<300	No Sample	
Octo	ber 4, 2016	ENTERGY/GEL	<336	No Sample	
	,	MDPH/MERL	<300	No Sample	
Octo	ber 10, 2016	ENTERGY/GEL	<341	No Sample	
		MDPH/MERL	<300	No Sample	
Nover	mber 3, 2016	ENTERGY/GEL	<331	No Sample	
		MDPH/MERL	<300	No Sample	
	1 11 0010		0.40		
Noven	nber 14, 2016	ENTERGY/GEL	<243	No Sample	
		MDPH/MERL	<300	No Sample	
Dece	mber 7, 2016	ENTERGY/GEL	<244	No Sample	
Decer	110017,2010	MDPH/MERL	<300	No Sample	
Decen	nber 27, 2016	ENTERGY/GEL	<325	No Sample	
	,	MDPH/MERL	<300	No Sample	
Janu	uary 4, 2017	ENTERGY/GEL	NDA<258	No Sample	
		MDPH/MERL	<300	No Sample	
Janu	ary 11, 2017	ENTERGY/GEL	NDA<265	No Sample	
		MDPH/MERL	<300	No Sample	
J =	00/10 00/7			No Comata	
Janu	ary 18, 2017		NDA<262	No Sample	
		MDPH/MERL	<300	No Sample	
L					

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<= Not detected above the detection limit shown. MERL's lower detection limit is 300 pCi/L.

Summary of Tritium Detected in Surface Water Samples					
	through December 31, 2023 Pilgrim Nuclear Power Station Plymouth, MA				
		Tritium Concen	tration (pCi/L)		
Sample Collection Date	Reported By ¹	North of MW 205 (Intake)	Surface Water Inlet at Boat Ramp		
January 25, 2017	ENTERGY/GEL	NDA<276	No Sample		
	MDPH/MERL	<300	No Sample		
February 2, 2017	ENTERGY/GEL	NDA<280	No Sample		
	MDPH/MERL	<300	No Sample		
February 8, 2017	ENTERGY/GEL	NDA<285	No Sample		
	MDPH/MERL	<300	No Sample		
E 45.0047					
February 15, 2017	ENTERGY/GEL	NDA<276	No Sample		
	MDPH/MERL	<300	No Sample		
Echruony 22, 2017	ENTERGY/GEL	NDA<277	No Sampla		
February 23, 2017	MDPH/MERL	<300	No Sample No Sample		
		<300	No Sample		
March 3, 2017	ENTERGY/GEL	NDA<282	No Sample		
	MDPH/MERL	<300	No Sample		
	MBTH/MERCE				
March 8, 2017	ENTERGY/GEL	NDA<279	No Sample		
	MDPH/MERL	<300	No Sample		
March 16, 2017	ENTERGY/GEL	NDA<280	No Sample		
	MDPH/MERL	<300	No Sample		
			·		
March 22, 2017	ENTERGY/GEL	NDA<280	No Sample		
	MDPH/MERL	<300	No Sample		
March 30, 2017	ENTERGY/GEL	NDA<266	No Sample		
	MDPH/MERL	<300	No Sample		
April 5, 2017	ENTERGY/GEL	NDA<263	No Sample		
	MDPH/MERL	<300	No Sample		
A 1140 0047					
April 12, 2017		NDA<269	No Sample		
	MDPH/MERL	<300	No Sample		
April 10, 2017	ENTERGY/GEL	NDA<287	No Samela		
April 19, 2017			No Sample		
	MDPH/MERL	<300	No Sample		

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	Summary of Tritium Detected in Surface Water Samples				
	through December 31, 2023 Pilgrim Nuclear Power Station Plymouth, MA				
			Tritium Concen	tration (pCi/L)	
	Sample Collection Date	Reported By ¹	North of MW 205 (Intake)	Surface Water Inlet at Boat Ramp	
ſ	April 26, 2017	ENTERGY/GEL	NDA<290	No Sample	
		MDPH/MERL	<300	No Sample	
ľ	May 3, 2017	ENTERGY/GEL	NDA<290	No Sample	
		MDPH/MERL	<300	No Sample	
ľ	May 10, 2017	MDPH/MERL	NDA<268	No Sample	
		ENTERGY/GEL	<300	No Sample	
ľ	May 17, 2017	ENTERGY/GEL	NDA<264	No Sample	
		MDPH/MERL	<300	No Sample	
ľ	May 24, 2017	ENTERGY/GEL	NDA<223	No Sample	
		MDPH/MERL	<300	No Sample	
ľ	May 31, 2017	ENTERGY/GEL	NDA<230	No Sample	
		MDPH/MERL	<300	No Sample	
ľ	June 8, 2017	ENTERGY/GEL	NDA<229	No Sample	
		MDPH/MERL	<300	No Sample	
ľ	June 14, 2017	ENTERGY/GEL	NDA<259	No Sample	
		MDPH/MERL	<300	No Sample	
ľ	June 21, 2017	ENTERGY/GEL	NDA<280	No Sample	
		MDPH/MERL	<300	No Sample	
I	June 28, 2017	ENTERGY/GEL	NDA<277	No Sample	
		MDPH/MERL	<300	No Sample	
ľ	July 5, 2017	ENTERGY/GEL	NDA<277	No Sample	
		MDPH/MERL	<300	No Sample	
ľ	July 12, 2017	ENTERGY/GEL	NDA<281	No Sample	
		MDPH/MERL	<300	No Sample	
ŀ	July 19, 2017	ENTERGY/GEL	NDA<284	No Sample	
		MDPH/MERL	<300	No Sample	

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Summary of Tritium Detected in Surface Water Samples					
	through December 31, 2023 Pilgrim Nuclear Power Station Plymouth, MA				
		Tritium Concen	tration (pCi/L)		
Sample Collection Date	Reported By ¹	North of MW 205 (Intake)	Surface Water Inlet at Boat Ramp		
July 26, 2017	ENTERGY/GEL	NDA<280	No Sample		
	MDPH/MERL	<300	No Sample		
August 2, 2017	ENTERGY/GEL	NDA<276	No Sample		
	MDPH/MERL	<300	No Sample		
August 9, 2017	ENTERGY/GEL	NDA<278	No Sample		
	MDPH/MERL	<300	No Sample		
August 16, 2017	MDPH/MERL	NDA<263	No Sample		
	ENTERGY/GEL	<300	No Sample		
August 23, 2017	ENTERGY/GEL	NDA<270	No Sample		
	MDPH/MERL	<300	No Sample		
August 30, 2017	ENTERGY/GEL	NDA<265	No Sample		
	MDPH/MERL	<300	No Sample		
September 6, 2017	ENTERGY/GEL	NDA<309	No Sample		
	MDPH/MERL	<300	No Sample		
September 14, 2017	ENTERGY/GEL	NDA<278	No Sample		
	MDPH/MERL	<300	No Sample		
September 27, 2017	ENTERGY/GEL	NDA<285	No Sample		
	MDPH/MERL	<300	No Sample		
October 5, 2017	ENTERGY/GEL	NDA<289	No Sample		
	MDPH/MERL	<300	No Sample		
October 11, 2017	ENTERGY/GEL	NDA<286	No Sample		
	MDPH/MERL	<300	No Sample		
October 20, 2017	ENTERGY/GEL	NDA<296	No Sample		
	MDPH/MERL	<300	No Sample		
October 25, 2017	ENTERGY/GEL	NDA<291	No Sample		
	MDPH/MERL	<300	No Sample		

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Summary of Tritium Detected in Surface Water Samples through December 31, 2023					
	Pilgrim Nuclear Power Station Plymouth, MA				
		Tritium Concen	tration (pCi/L)		
Sample Collection Date	Reported By ¹	North of MW 205 (Intake)	Surface Water Inlet at Boat Ramp		
November 3, 2017	ENTERGY/GEL	NDA<277	No Sample		
	MDPH/MERL	<300	No Sample		
November 8, 2017	ENTERGY/GEL	NDA<281	No Sampla		
	MDPH/MERL	<300	No Sample No Sample		
		<300	No Sample		
November 15, 2017	ENTERGY/GEL	NDA<278	No Sample		
	MDPH/MERL	<300	No Sample		
November 22, 2017	ENTERGY/GEL	NDA<264	No Sample		
	MDPH/MERL	<300	No Sample		
November 29, 2017	ENTERGY/GEL	NDA<276	No Sample		
	MDPH/MERL	<300	No Sample		
December 6, 2017	ENTERGY/GEL	NDA<275	No Somolo		
December 6, 2017	MDPH/MERL	<300	No Sample No Sample		
		<300			
December 13, 2017	ENTERGY/GEL	NDA<346	No Sample		
	MDPH/MERL	<300	No Sample		
			i		
December 20, 2017	ENTERGY/GEL	NDA<327	No Sample		
	MDPH/MERL	<300	No Sample		
December 28, 2017	ENTERGY/GEL	NDA<340	No Sample		
	MDPH/MERL	<300	No Sample		
lonuon 1, 2019			No Somolo		
January 1, 2018	ENTERGY/GEL MDPH/MERL	NDA<337 <300	No Sample No Sample		
		<300	No Sample		
January 8, 2018	ENTERGY/GEL	NDA<323	No Sample		
	MDPH/MERL	<300	No Sample		
January 15, 2018	ENTERGY/GEL	NDA<321	No Sample		
	MDPH/MERL	<300	No Sample		
January 22, 2018	ENTERGY/GEL	NDA<321	No Sample		
	MDPH/MERL	<300	No Sample		

^{1.} Entergy/Holtec samples are collected by Entergy/Holtec Consultant and analyzed by Entergy/Holtec Contract Laboratory; MDPH split samples received from Entergy/Holtec and analyzed by Massachusetts Environmental Radiation Laboratory (MERL).

<= Not detected above the detection limit shown. MERL's lower detection limit is 300 pCi/L.

through December 31, 2023 Pilgrim Nuclear Power Station Plymouth, MA Sample Collection Reported By ¹ Tritium Concentration (pCi/L) January 29, 2018 ENTERGY/GEL NDA<272 No Sample January 29, 2018 ENTERGY/GEL NDA<272 No Sample February 5, 2018 ENTERGY/GEL NDA<274 No Sample February 5, 2018 ENTERGY/GEL NDA<270 No Sample February 12, 2018 ENTERGY/GEL NDA<270 No Sample February 12, 2018 ENTERGY/GEL NDA<270 No Sample February 19, 2018 ENTERGY/GEL NDA<331 No Sample MDPH/MERL <300 No Sample MDPH/MERL <300 No Sample MDPH/MERL <300 No Sample MDPH/MERL <300 No Sample March 5, 2018 ENTERGY/GEL NDA<281 No Sample March 12, 2018 ENTERGY/GEL NDA<328 No Sample March 12, 2018 ENTERGY/GEL NDA<282 No Sample March 12, 2018 ENTERGY/GEL NDA<287 No Sample <th colspan="4">Summary of Tritium Detected in Surface Water Samples</th>	Summary of Tritium Detected in Surface Water Samples					
Sample Collection Date Reported By1 North of MW 205 (Intake) Surface Water Inlet at Boat Ramp January 29, 2018 ENTERGY/GEL NDA<272 No Sample MDPH/MERL <300 No Sample February 5, 2018 ENTERGY/GEL NDA<274 No Sample February 5, 2018 ENTERGY/GEL NDA<274 No Sample February 12, 2018 ENTERGY/GEL NDA<270 No Sample February 12, 2018 ENTERGY/GEL NDA<270 No Sample MDPH/MERL <300 No Sample No Sample February 19, 2018 ENTERGY/GEL NDA<331 No Sample MDPH/MERL <300 No Sample No Sample MDPH/MERL <300 No Sample No Sample MDPH/MERL <300 No Sample No Sample March 5, 2018 ENTERGY/GEL NDA<281 No Sample March 12, 2018 ENTERGY/GEL NDA<328 No Sample March 19, 2018 ENTERGY/GEL NDA<287 No Sample March 19, 2018 ENTERGY/GEL		through December 31, 2023 Pilgrim Nuclear Power Station				
DateReported ByNorth of MW 205 (Intake)Sindec water Intex Boat RampJanuary 29, 2018ENTERGY/GELNDA<272No SampleMDPH/MERL<300No SampleFebruary 5, 2018ENTERGY/GELNDA<274No SampleFebruary 5, 2018ENTERGY/GELNDA<274No SampleFebruary 12, 2018ENTERGY/GELNDA<270No SampleFebruary 12, 2018ENTERGY/GELNDA<331No SampleFebruary 19, 2018ENTERGY/GELNDA<331No SampleFebruary 26, 2018ENTERGY/GELNDA<273No SampleMarch 5, 2018ENTERGY/GELNDA<273No SampleMarch 12, 2018ENTERGY/GELNDA<281No SampleMarch 12, 2018ENTERGY/GELNDA<281No SampleMarch 12, 2018ENTERGY/GELNDA<281No SampleMarch 19, 2018ENTERGY/GELNDA<282No SampleMarch 19, 2018ENTERGY/GELNDA<287No SampleMarch 26, 2018ENTERGY/GELNDA<287No SampleMarch 26, 2018ENTERGY/GELNDA<287No SampleMarch 26, 2018ENTERGY/GELNDA<287No SampleMarch 26, 2018ENTERGY/GELNDA<287No SampleMDPH/MERL<300No SampleApril 2, 2018ENTERGY/GELNDA<306No SampleApril 9, 2018ENTERGY/GELNDA<308No SampleApril 9, 2018ENTERGY/GELNDA<308No SampleApril 9, 2018ENTERGY/GELNDA<3			Tritium Concen	tration (pCi/L)		
MDPH/MERL <300 No Sample February 5, 2018 ENTERGY/GEL NDA<274 No Sample MDPH/MERL <300 No Sample February 12, 2018 ENTERGY/GEL NDA<270 No Sample February 12, 2018 ENTERGY/GEL NDA<270 No Sample MDPH/MERL <300 No Sample February 19, 2018 ENTERGY/GEL NDA<331 No Sample MDPH/MERL <300 No Sample February 26, 2018 ENTERGY/GEL NDA<273 No Sample MDPH/MERL <300 No Sample March 5, 2018 ENTERGY/GEL NDA<281 No Sample March 12, 2018 ENTERGY/GEL NDA<281 No Sample March 12, 2018 ENTERGY/GEL NDA<328 No Sample March 19, 2018 ENTERGY/GEL NDA<282 No Sample March 26, 2018 ENTERGY/GEL NDA<287 No Sample March 26, 2018 ENTERGY/GEL NDA<287 No Sample MDPH/MERL <300 No Sample	-	Reported By ¹		Inlet at Boat		
February 5, 2018 ENTERGY/GEL NDA<274 No Sample MDPH/MERL <300	January 29, 2018	ENTERGY/GEL	NDA<272	No Sample		
MDPH/MERL <300 No Sample February 12, 2018 ENTERGY/GEL NDA<270		MDPH/MERL	<300	No Sample		
MDPH/MERL <300 No Sample February 12, 2018 ENTERGY/GEL NDA<270	February 5, 2018	ENTERGY/GEI		No Sample		
February 12, 2018 ENTERGY/GEL NDA<270						
MDPH/MERL <300		METHIMERE				
February 19, 2018 ENTERGY/GEL NDA<331	February 12, 2018	ENTERGY/GEL	NDA<270	No Sample		
MDPH/MERL<300No SampleFebruary 26, 2018ENTERGY/GELNDA<273		MDPH/MERL	<300	No Sample		
MDPH/MERL<300No SampleFebruary 26, 2018ENTERGY/GELNDA<273	February 19, 2018	ENTERGY/GEI	NDA<331	No Sample		
February 26, 2018 ENTERGY/GEL NDA<273	1 obtaily 10, 2010					
MDPH/MERL <300 No Sample March 5, 2018 ENTERGY/GEL NDA<281						
March 5, 2018 ENTERGY/GEL NDA<281 No Sample MDPH/MERL <300	February 26, 2018	ENTERGY/GEL	NDA<273	No Sample		
MDPH/MERL <300		MDPH/MERL	<300	No Sample		
MDPH/MERL <300						
March 12, 2018 ENTERGY/GEL NDA<328	March 5, 2018		NDA<281			
MDPH/MERL <300 No Sample March 19, 2018 ENTERGY/GEL NDA<292		MDPH/MERL	<300	No Sample		
MDPH/MERL <300 No Sample March 19, 2018 ENTERGY/GEL NDA<292	March 12, 2018	ENTERGY/GEI	NDA-328	No Sample		
March 19, 2018 ENTERGY/GEL NDA<292	March 12, 2010					
MDPH/MERL <300		METHAMERCE				
March 26, 2018 ENTERGY/GEL NDA<287 No Sample MDPH/MERL <300	March 19, 2018	ENTERGY/GEL	NDA<292	No Sample		
MDPH/MERL <300 No Sample April 2, 2018 ENTERGY/GEL NDA<316		MDPH/MERL	<300	No Sample		
MDPH/MERL <300 No Sample April 2, 2018 ENTERGY/GEL NDA<316						
April 2, 2018 ENTERGY/GEL NDA<316 No Sample MDPH/MERL <300	March 26, 2018					
MDPH/MERL <300 No Sample April 9, 2018 ENTERGY/GEL NDA<308		MDPH/MERL	<300	No Sample		
MDPH/MERL <300 No Sample April 9, 2018 ENTERGY/GEL NDA<308	April 2, 2018	ENTERGY/GEL	NDA<316	No Sample		
MDPH/MERL <300 No Sample	, <u> </u>					
MDPH/MERL <300 No Sample						
	April 9, 2018	ENTERGY/GEL	NDA<308			
April 16, 2018 ENTERGY/GEL NDA<317 No Sample		MDPH/MERL	<300	No Sample		
April 10, 2010 ENTERGI/GEL INDASSI/ IND Sample	April 16, 2019	ENTEROVICE	NDA -217	No Samplo		
MDPH/MERL <300 No Sample	April 10, 2010					
			~000	no oumple		
April 23, 2018 ENTERGY/GEL NDA<325 No Sample	April 23, 2018	ENTERGY/GEL	NDA<325	No Sample		
MDPH/MERL <300 No Sample						

^{1.} Entergy/Holtec samples are collected by Entergy/Holtec Consultant and analyzed by Entergy/Holtec Contract Laboratory; MDPH split samples received from Entergy/Holtec and analyzed by Massachusetts Environmental Radiation Laboratory (MERL).

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Summary of Tritium Detected in Surface Water Samples				
through December 31, 2023 Pilgrim Nuclear Power Station Plymouth, MA				
		Tritium Concen	tration (pCi/L)	
Sample Collection Date	Reported By ¹	North of MW 205 (Intake)	Surface Water Inlet at Boat Ramp	
April 30, 2018	ENTERGY/GEL	NDA<294	No Sample	
	MDPH/MERL	<300	No Sample	
May 7, 2018	ENTERGY/GEL	NDA<291	No Sample	
	MDPH/MERL	<300	No Sample	
May 14, 2018	ENTERGY/GEL	NDA<290	No Sample	
	MDPH/MERL	<300	No Sample	
May 21, 2018	ENTERGY/GEL	NDA<328	No Sample	
	MDPH/MERL	<300	No Sample	
May 28, 2018	ENTERGY/GEL	NDA<325	No Sample	
	MDPH/MERL	<300	No Sample	
June 4, 2018	ENTERGY/GEL	NDA<305	No Sample	
	MDPH/MERL	<300	No Sample	
June 11, 2018	ENTERGY/GEL	NDA<302	No Sample	
	MDPH/MERL	<300	No Sample	
June 18, 2018	ENTERGY/GEL	NDA<332	No Sample	
	MDPH/MERL	<300	No Sample	
June 25, 2018	ENTERGY/GEL	NDA<318	No Sample	
	MDPH/MERL	<300	No Sample	
July 2, 2018	ENTERGY/GEL	NDA<293	No Sample	
	MDPH/MERL	<300	No Sample	
July 9, 2018	ENTERGY/GEL	NDA<306	No Sample	
	MDPH/MERL	<300	No Sample	
July 16, 2018	ENTERGY/GEL	NDA<305	No Sample	
	MDPH/MERL	<300	No Sample	
July 23, 2018	ENTERGY/GEL	NDA<318	No Sample	
	MDPH/MERL	<300	No Sample	

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Summary of Tritium Detected in Surface Water Samples				
through December 31, 2023 Pilgrim Nuclear Power Station Plymouth, MA				
		Tritium Concentration (pCi/L)		
Sample Collection Date	Reported By ¹	North of MW 205 (Intake)	Surface Water Inlet at Boat Ramp	
July 30, 2018	ENTERGY/GEL	NDA<328	No Sample	
	MDPH/MERL	<300	No Sample	
August 6, 2018	ENTERGY/GEL	NDA<336	No Sample	
	MDPH/MERL	<300	No Sample	
August 13, 2018	ENTERGY/GEL	NDA<330	No Sample	
	MDPH/MERL	<300	No Sample	
August 20, 2018	ENTERGY/GEL	NDA<328	No Sample	
	MDPH/MERL	<300	No Sample	
August 28, 2018	ENTERGY/GEL	NDA<290	No Sample	
	MDPH/MERL	<300	No Sample	
September 3, 2018	ENTERGY/GEL	NDA<288	No Sample	
	MDPH/MERL	<300	No Sample	
September 10, 2018	ENTERGY/GEL	NDA<320	No Sample	
	MDPH/MERL	<300	No Sample	
September 17, 2018	ENTERGY/GEL	NDA<321	No Sample	
	MDPH/MERL	<300	No Sample	
September 24, 2018	ENTERGY/GEL	NDA<332	No Sample	
	MDPH/MERL	<300	No Sample	
October 1, 2018	ENTERGY/GEL	NDA<326	No Sample	
	MDPH/MERL	<300	No Sample	
October 8, 2018	ENTERGY/GEL	NDA<319	No Sample	
	MDPH/MERL	<300	No Sample	
October 15, 2018	ENTERGY/GEL	NDA<308	No Sample	
	MDPH/MERL	<300	No Sample	
October 22, 2018	ENTERGY/GEL	NDA<316	No Sample	
	MDPH/MERL	<300	No Sample	

^{1.} Entergy/Holtec samples are collected by Entergy/Holtec Consultant and analyzed by Entergy/Holtec Contract Laboratory; MDPH split samples received from Entergy/Holtec and analyzed by Massachusetts Environmental Radiation Laboratory (MERL).

<= Not detected above the detection limit shown. MERL's lower detection limit is 300 pCi/L.

Summary of Tritium Detected in Surface Water Samples through December 31, 2023 Pilgrim Nuclear Power Station Plymouth, MA

	Tritium Concen		tration (pCi/L)
Sample Collection Date	Reported By ¹	North of MW 205 (Intake)	Surface Water Inlet at Boat Ramp
October 29, 2018	ENTERGY/GEL	NDA<309	No Sample
	MDPH/MERL	<300	No Sample
November 5, 2018	ENTERGY/GEL	NDA<320	No Sample
	MDPH/MERL	<300	No Sample
November 14, 2018	ENTERGY/GEL	NDA<326	No Sample
	MDPH/MERL		No Sample
November 19, 2018	ENTERGY/GEL	NDA<328	No Sample
	MDPH/MERL	<300	No Sample
November 26, 2018	ENTERGY/GEL	NDA<321	No Sample
	MDPH/MERL	<300	No Sample
December 3, 2018	ENTERGY/GEL	NDA<313	No Sample
	MDPH/MERL	<300	No Sample
December 10, 2018	ENTERGY/GEL	NDA<320	No Sample
	MDPH/MERL	<300	No Sample
December 17, 2018	ENTERGY/GEL	NDA<330	No Sample
	MDPH/MERL	<300	No Sample
December 24, 2018	ENTERGY/GEL	NDA<286	No Sample
	MDPH/MERL	<300	No Sample
January 3, 2019	ENTERGY/TEL	NDA<282	No Sample
	MDPH/MERL	<300	No Sample
January 10, 2019	ENTERGY/TEL	NDA<309	No Sample
	MDPH/MERL	<300	No Sample
January 17, 2019	ENTERGY/TEL	NDA<303	No Sample
	MDPH/MERL	<300	No Sample
January 24, 2019	ENTERGY/TEL	NDA<324	No Sample
	MDPH/MERL	<300	No Sample

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	Summary of Tritium Detected in Surface Water Samples through December 31, 2023				
	Pilgrim Nuclear Power Station Plymouth, MA				
			Tritium Concentration (pCi/L)		
	Sample Collection Date	Reported By ¹	North of MW 205 (Intake)	Surface Water Inlet at Boat Ramp	
	January 31, 2019	ENTERGY/TEL	NDA<325	No Sample	
		MDPH/MERL	<300	No Sample	
ŀ	February 7, 2019	ENTERGY/TEL	NDA<329	No Sample	
	rebluary 7, 2019	MDPH/MERL	<300	No Sample	
ľ	February 14, 2019	ENTERGY/TEL	NDA<315	No Sample	
		MDPH/MERL	<300	No Sample	
	-				
	February 21, 2019	ENTERGY/TEL	NDA<341	No Sample	
		MDPH/MERL	<300	No Sample	
ŀ	March 7, 2019	ENTERGY/TEL	NDA<309	No Sample	
		MDPH/MERL	<300	No Sample	
ľ	March 14, 2019	ENTERGY/TEL	NDA<330	No Sample	
		MDPH/MERL	<300	No Sample	
	March 21, 2019		NDA<335	No Sample	
		MDPH/MERL	<300	No Sample	
	March 28, 2019	ENTERGY/TEL	NDA<336	No Sample	
		MDPH/MERL	<300	No Sample	
	April 4, 2019	ENTERGY/TEL	NDA<333	No Sample	
		MDPH/MERL	<300	No Sample	
	Am :: 11 0010			No. Os music	
	April 11, 2019	ENTERGY/TEL MDPH/MERL	NDA<338 <300	No Sample No Sample	
			<300	No Sample	
ľ	April 18, 2019	ENTERGY/TEL	NDA<179	No Sample	
	1 7	MDPH/MERL	<300	No Sample	
	April 25, 2019	ENTERGY/TEL	NDA<341	No Sample	
		MDPH/MERL	<300	No Sample	
	Mov 2, 2010			No Somela	
	May 2, 2019	ENTERGY/TEL MDPH/MERL	NDA<329 <300	No Sample No Sample	
			~500		
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Summary of Tritium Detected in Surface Water Samples				
through December 31, 2023 Pilgrim Nuclear Power Station Plymouth, MA				
	Tritium Concentration (pCi			
Sample Collection Date	Reported By ¹	North of MW 205 (Intake)	Surface Water Inlet at Boat Ramp	
May 8, 2019	ENTERGY/TEL	NDA<308	No Sample	
	MDPH/MERL	<300	No Sample	
May 15, 2019	ENTERGY/TEL	NDA<308	No Sample	
	MDPH/MERL	<300	No Sample	
May 24, 2019	ENTERGY/TEL	NDA<318	No Sample	
	MDPH/MERL	<300	No Sample	
May 29, 2019	ENTERGY/TEL	NDA<299	No Sample	
	MDPH/MERL	<300	No Sample	
June 5, 2019	HOLTEC/TEL	NDA<304	No Sample	
	MDPH/MERL	<300	No Sample	
June 12, 2019	HOLTEC/TEL	NDA<288	No Sample	
	MDPH/MERL	<300	No Sample	
June 19, 2019	HOLTEC/TEL	NDA<289	No Sample	
	MDPH/MERL	<300	No Sample	
June 26, 2019	HOLTEC/TEL	NDA<288	No Sample	
	MDPH/MERL	<300	No Sample	
July 10, 2019	HOLTEC/TEL	NDA<272	No Sample	
	MDPH/MERL	<300	No Sample	
July 17, 2019	HOLTEC/TEL	NDA<268	No Sample	
	MDPH/MERL	<300	No Sample	
July 24, 2019	HOLTEC/TEL	NDA<311	No Sample	
	MDPH/MERL	<300	No Sample	
July 31, 2019	HOLTEC/TEL	NDA<300	No Sample	
	MDPH/MERL	<300	No Sample	
August 9, 2019	HOLTEC/TEL	NDA<290	No Sample	
//ugust 0, 2010	MDPH/MERL	<300	No Sample	

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Summary of Tritium Detected in Surface Water Samples through December 31, 2023 Pilgrim Nuclear Power Station Plymouth, MA			
	tration (pCi/L)		
Sample Collection Date	Reported By ¹	North of MW 205 (Intake)	Surface Water Inlet at Boat Ramp
August 15, 2019	HOLTEC/TEL	NDA<287	No Sample
	MDPH/MERL	<300	No Sample
September 18, 2019	HOLTEC/TEL	NDA<299	No Sample
	MDPH/MERL	<300	No Sample
October 15, 2019	HOLTEC/TEL	NDA<280	No Sample
	MDPH/MERL	<300	No Sample
November 14, 2019	HOLTEC/TEL	NDA<296	No Sample
	MDPH/MERL	<300	No Sample
December 16, 2019	HOLTEC/TEL	NDA<301	No Sample
	MDPH/MERL	<300	No Sample
January 8, 2020	HOLTEC/TEL	NDA<315	No Sample
	MDPH/MERL	<300	No Sample
February 5, 2020	HOLTEC/TEL	NDA<288	No Sample
	MDPH/MERL	<300	No Sample
March 3, 2020	HOLTEC/TEL	NDA<344	No Sample
	MDPH/MERL	<300	No Sample
April 8, 2020	HOLTEC/TEL	NDA<301	No Sample
	MDPH/MERL	<300	No Sample
May 7, 2020	HOLTEC/TEL	NDA<282	No Sample
	MDPH/MERL	<300	No Sample
June 8, 2020	HOLTEC/TEL	NDA<330	No Sample
	MDPH/MERL	<300	No Sample
July 9, 2020	HOLTEC-TEL	NDA<266	No Sample
	MDPH-MERL	<300	No Sample
August 10, 2020	HOLTEC-TEL	NDA<335	No Sample
	MDPH-MERL	<300	No Sample

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Summary of Tritium Detected in Surface Water Samples				
through December 31, 2023 Pilgrim Nuclear Power Station Plymouth, MA				
Tritium Concentration (pC			tration (pCi/L)	
Sample Collection Date	Reported By ¹	North of MW 205 (Intake)	Surface Water Inlet at Boat Ramp	
September 3, 2020	HOLTEC-TEL	NDA<329	No Sample	
	MDPH-MERL	<300	No Sample	
October 2, 2020	HOLTEC-TEL	NDA<337	No Sample	
	MDPH-MERL	<300	No Sample	
November 3, 2020	HOLTEC-TEL	NDA<346	No Sample	
	MDPH-MERL	<300	No Sample	
December 3, 2020	HOLTEC-TEL	NDA<342	No Sample	
	MDPH-MERL	<300	No Sample	
January 8, 2021	HOLTEC-TEL	NDA<397	No Sample	
	MDPH-MERL	<300	No Sample	
February 8, 2021	HOLTEC-TEL	NDA<360	No Sample	
	MDPH-MERL	<300	No Sample	
March 5, 2021	HOLTEC-TEL	NDA<353	No Sample	
	MDPH-MERL	<300	No Sample	
April 2, 2021	HOLTEC-TEL	NDA<307	No Sample	
	MDPH-MERL	<300	No Sample	
May 3, 2021	HOLTEC-TEL	NDA<548	No Sample	
	MDPH-MERL	<300	No Sample	
June 9, 2021	HOLTEC-TEL	NDA<473	No Sample	
	MDPH-MERL	<300	No Sample	
July 14, 2021	HOLTEC-TEL	NDA<548	No Sample	
	MDPH-MERL	<300	No Sample	
August 9, 2021	HOLTEC-TEL	NDA<534	No Sample	
	MDPH-MERL	<300	No Sample	
September 9, 2021	HOLTEC-TEL	NDA<572	No Sample	
	MDPH-MERL	<300	No Sample	

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	Summary of Tritium Detected in Surface Water Samples through December 31, 2023 Pilgrim Nuclear Power Station Plymouth, MA				
Tritium Concentration (pC				tration (pCi/L)	
	Sample Collection Date	Reported By ¹	North of MW 205 (Intake)	Surface Water Inlet at Boat Ramp	
	October 14, 2021	HOLTEC-TEL	NDA<499	No Sample	
		MDPH-MERL	<300	No Sample	
	November 10, 2021	HOLTEC-TEL	NDA<501	No Sample	
		MDPH-MERL	<300	No Sample	
				· · · ·	
	December 9, 2021	HOLTEC-TEL	NDA<172	No Sample	
		MDPH-MERL	<300	No Sample	
				· · · ·	
	February 16, 2022	HOLTEC-TEL	NDA<510	No Sample	
		MDPH-MERL	<300	No Sample	
	May 9, 2022	HOLTEC-TEL	NDA<526	No Sample	
		MDPH-MERL	<300	No Sample	
				· · · ·	
	August 2, 2022	HOLTEC-TEL	NDA<611	No Sample	
		MDPH-MERL	<300	No Sample	
l				· · ·	
	November 9, 2022	HOLTEC-TEL	NDA<576	No Sample	
l		MDPH-MERL	<300	No Sample	
	February 9, 2023	HOLTEC-TEL	NDA<419	No Sample	
		MDPH-MERL	<300	No Sample	
	May 15, 2023	HOLTEC-TEL	NDA<401	No Sample	
		MDPH-MERL	<300	No Sample	
	August 21, 2023	HOLTEC-TEL	NDA<602	No Sample	
		MDPH-MERL	<300	No Sample	
	November 9, 2023	HOLTEC-TEL	NDA<632	No Sample	
		MDPH-MERL	<300	No Sample	

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