

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

Sample Collection Date	Reported By ¹	Tritium Concentration (pCi/L)	
		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
September 13, 2010	Entergy	<378	<374
	MDPH/MERL	Not analyzed	Not analyzed
September 20/21, 2010	Entergy	<393	<389
	MDPH/MERL	Not analyzed	Not analyzed
September 28/29, 2010	Entergy	<309	<311
	MDPH/MERL	Not analyzed	Not 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.

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Sample Collection Date	Reported By ¹	Tritium Concentration (pCi/L)	
		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).

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		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

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		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	< 364	No Sample
	MDPH/MERL	< 300	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

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		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

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		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	< 436	No Sample
	MDPH/MERL	< 300	No Sample
September 30, 2013	Entergy	< 356	No Sample
	MDPH/MERL	Unable to Analyze	No Sample
October 14, 2013	Entergy	< 379	No Sample
	MDPH/MERL	< 300	No Sample
October 28, 2013	Entergy	< 356	No Sample
	MDPH/MERL	< 300	No Sample
November 4, 2013	Entergy	No Sample	< 356
	MDPH/MERL	No Sample	< 300
November 11, 2013	Entergy	< 361	No Sample
	MDPH/MERL	< 300	No Sample

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		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 ***		No Sample
	MDPH/MERL	< 300	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

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		North of MW 205 (Intake)	Surface Water Inlet at Boat Ramp
March 24, 2014	Entergy	< 311	No Sample
	MDPH/MERL	< 300	No Sample
March 31, 2014	Entergy	< 367	No Sample
	MDPH/MERL	< 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
April 28, 2014	Entergy	< 316	No Sample
	MDPH/MERL	< 300	No Sample
May 5, 2014	Entergy	< 317	No Sample
	MDPH/MERL	< 300	No Sample
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
	MDPH/MERL	< 300	No Sample
June 12, 2014	Entergy	<378	No Sample
	MDPH/MERL	<300	No Sample
June 16, 2014	Entergy	<336	No Sample
	MDPH/MERL	<300	No Sample

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		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
July 7, 2014	Entergy	<416	No Sample
	MDPH/MERL	<300	No Sample
July 14, 2014	Entergy	<405	No Sample
	MDPH/MERL	<300	No Sample
July 21, 2014	Entergy	<396	No Sample
	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 25, 2014	Entergy	<372	No Sample
	MDPH/MERL	<300	No Sample
September 2, 2014	Entergy	<400	No Sample
	MDPH/MERL	<300	No Sample
September 9, 2014	Entergy	<312	No Sample
	MDPH/MERL	<300	No Sample
September 15, 2014	Entergy	<375	No Sample
	MDPH/MERL	<300	No Sample

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		North of MW 205 (Intake)	Surface Water Inlet at Boat Ramp
September 22, 2014	Entergy	<386	No Sample
	MDPH/MERL	<300	No Sample
September 29, 2014	Entergy	<416	No Sample
	MDPH/MERL	<300	No Sample
October 6, 2014	Entergy	No Sample	<427
	MDPH/MERL	No Sample	<300
October 10, 2014	Entergy	<388	No Sample
	MDPH/MERL	<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
November 21, 2014	Entergy	No Sample	<386
	MDPH/MERL	No Sample	<300
November 24, 2014	Entergy	<391	No Sample
	MDPH/MERL	<300	No Sample
December 1, 2014	Entergy	<360	No Sample
	MDPH/MERL	<300	No Sample

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		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

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		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 23, 2015	Entergy	<364	No Sample
	MDPH/MERL	<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	Entergy	<245	No Sample
	MDPH/MERL	<300	No Sample
May 11, 2015	Entergy	<285	No Sample
	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

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		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	<338	No Sample
	MDPH/MERL		No Sample
August 31, 2015	Entergy	<342	No Sample
	MDPH/MERL	<300	No Sample

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		North of MW 205 (Intake)	Surface Water Inlet at Boat Ramp
September 11, 2015	Entergy	<341	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

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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

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		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**

Sample Collection Date	Reported By ¹	Tritium Concentration (pCi/L)	
		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
July 5, 2016	ENTERGY/GEL	<347	No Sample
	MDPH/MERL	<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 9, 2016	ENTERGY/GEL	<344	No Sample
	MDPH/MERL	<300	No Sample
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 29, 2016	ENTERGY/GEL	<344	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**

Sample Collection Date	Reported By ¹	Tritium Concentration (pCi/L)	
		North of MW 205 (Intake)	Surface Water Inlet at Boat Ramp
September 6, 2016	ENTERGY/GEL	<339	No Sample
	MDPH/MERL	<300	No Sample
September 12, 2016	ENTERGY/GEL	<287	No Sample
	MDPH/MERL	<300	No Sample
September 20, 2016	ENTERGY/GEL	<269	No Sample
	MDPH/MERL	<300	No Sample
September 29, 2016	ENTERGY/GEL	<345	No Sample
	MDPH/MERL	<300	No Sample
October 4, 2016	ENTERGY/GEL	<336	No Sample
	MDPH/MERL	<300	No Sample
October 10, 2016	ENTERGY/GEL	<341	No Sample
	MDPH/MERL	<300	No Sample
November 3, 2016	ENTERGY/GEL	<331	No Sample
	MDPH/MERL	<300	No Sample
November 14, 2016	ENTERGY/GEL	<243	No Sample
	MDPH/MERL	<300	No Sample
December 7, 2016	ENTERGY/GEL	<244	No Sample
	MDPH/MERL	<300	No Sample
December 27, 2016	ENTERGY/GEL	<325	No Sample
	MDPH/MERL	<300	No Sample
January 4, 2017	ENTERGY/GEL	NDA<258	No Sample
	MDPH/MERL	<300	No Sample
January 11, 2017	ENTERGY/GEL	NDA<265	No Sample
	MDPH/MERL	<300	No Sample
January 18, 2017	ENTERGY/GEL	NDA<262	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**

Sample Collection Date	Reported By ¹	Tritium Concentration (pCi/L)	
		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
February 15, 2017	ENTERGY/GEL	NDA<276	No Sample
	MDPH/MERL	<300	No Sample
February 23, 2017	ENTERGY/GEL	NDA<277	No Sample
	MDPH/MERL	<300	No Sample
March 3, 2017	ENTERGY/GEL	NDA<282	No Sample
	MDPH/MERL	<300	No Sample
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
April 12, 2017	ENTERGY/GEL	NDA<269	No Sample
	MDPH/MERL	<300	No Sample
April 19, 2017	ENTERGY/GEL	NDA<287	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**

Sample Collection Date	Reported By ¹	Tritium Concentration (pCi/L)	
		North of MW 205 (Intake)	Surface Water Inlet at Boat Ramp
April 26, 2017	ENTERGY/GEL	NDA<290	No Sample
	MDPH/MERL	<300	No Sample
May 3, 2017	ENTERGY/GEL	NDA<290	No Sample
	MDPH/MERL	<300	No Sample
May 10, 2017	MDPH/MERL	NDA<268	No Sample
	ENTERGY/GEL	<300	No Sample
May 17, 2017	ENTERGY/GEL	NDA<264	No Sample
	MDPH/MERL	<300	No Sample
May 24, 2017	ENTERGY/GEL	NDA<223	No Sample
	MDPH/MERL	<300	No Sample
May 31, 2017	ENTERGY/GEL	NDA<230	No Sample
	MDPH/MERL	<300	No Sample
June 8, 2017	ENTERGY/GEL	NDA<229	No Sample
	MDPH/MERL	<300	No Sample
June 14, 2017	ENTERGY/GEL	NDA<259	No Sample
	MDPH/MERL	<300	No Sample
June 21, 2017	ENTERGY/GEL	NDA<280	No Sample
	MDPH/MERL	<300	No Sample
June 28, 2017	ENTERGY/GEL	NDA<277	No Sample
	MDPH/MERL	<300	No Sample
July 5, 2017	ENTERGY/GEL	NDA<277	No Sample
	MDPH/MERL	<300	No Sample
July 12, 2017	ENTERGY/GEL	NDA<281	No Sample
	MDPH/MERL	<300	No Sample
July 19, 2017	ENTERGY/GEL	NDA<284	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**

Sample Collection Date	Reported By ¹	Tritium Concentration (pCi/L)	
		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

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**

Sample Collection Date	Reported By ¹	Tritium Concentration (pCi/L)	
		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 Sample
	MDPH/MERL	<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 Sample
	MDPH/MERL	<300	No Sample
December 13, 2017	ENTERGY/GEL	NDA<346	No Sample
	MDPH/MERL	<300	No Sample
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
January 1, 2018	ENTERGY/GEL	NDA<337	No Sample
	MDPH/MERL	<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

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

Sample Collection Date	Reported By ¹	Tritium Concentration (pCi/L)	
		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
	MDPH/MERL	<300	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
	MDPH/MERL	<300	No Sample
March 12, 2018	ENTERGY/GEL	NDA<328	No Sample
	MDPH/MERL	<300	No Sample
March 19, 2018	ENTERGY/GEL	NDA<292	No Sample
	MDPH/MERL	<300	No Sample
March 26, 2018	ENTERGY/GEL	NDA<287	No Sample
	MDPH/MERL	<300	No Sample
April 2, 2018	ENTERGY/GEL	NDA<316	No Sample
	MDPH/MERL	<300	No Sample
April 9, 2018	ENTERGY/GEL	NDA<308	No Sample
	MDPH/MERL	<300	No Sample
April 16, 2018	ENTERGY/GEL	NDA<317	No Sample
	MDPH/MERL	<300	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**

Sample Collection Date	Reported By ¹	Tritium Concentration (pCi/L)	
		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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Pilgrim Nuclear Power Station
Plymouth, MA**

Sample Collection Date	Reported By ¹	Tritium Concentration (pCi/L)	
		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).

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

Sample Collection Date	Reported By ¹	Tritium Concentration (pCi/L)	
		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

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**

Sample Collection Date	Reported By ¹	Tritium Concentration (pCi/L)	
		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
February 7, 2019	ENTERGY/TEL	NDA<329	No Sample
	MDPH/MERL	<300	No Sample
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
March 7, 2019	ENTERGY/TEL	NDA<309	No Sample
	MDPH/MERL	<300	No Sample
March 14, 2019	ENTERGY/TEL	NDA<330	No Sample
	MDPH/MERL	<300	No Sample
March 21, 2019	ENTERGY/TEL	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
April 11, 2019	ENTERGY/TEL	NDA<338	No Sample
	MDPH/MERL	<300	No Sample
April 18, 2019	ENTERGY/TEL	NDA<179	No Sample
	MDPH/MERL	<300	No Sample
April 25, 2019	ENTERGY/TEL	NDA<341	No Sample
	MDPH/MERL	<300	No Sample
May 2, 2019	ENTERGY/TEL	NDA<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).

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through December 31, 2023
Pilgrim Nuclear Power Station
Plymouth, MA**

Sample Collection Date	Reported By ¹	Tritium Concentration (pCi/L)	
		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
	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.

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Pilgrim Nuclear Power Station
Plymouth, MA**

Sample Collection Date	Reported By ¹	Tritium Concentration (pCi/L)	
		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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<= 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**

Sample Collection Date	Reported By ¹	Tritium Concentration (pCi/L)	
		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**

Sample Collection Date	Reported By ¹	Tritium Concentration (pCi/L)	
		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
November 9, 2022	HOLTEC-TEL	NDA<576	No Sample
	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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