

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-202** | 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-216** | MW-217**  | MW-3      | MW4 |
| July 1, 2013           | Entergy     |                               |        |          |              |           |           |           |           |           |           | 473       |          | 953      |           |           |           |          | 3,670    |           |           |     |
|                        | MDPH/MERL   |                               |        |          |              |           |           |           |           |           |           | 678       |          | 887      |           |           |           |          | 4,159    |           |           |     |
| July 8, 2013           | Entergy     | NDA < 337                     |        |          |              |           | 3,080     | NDA < 337 |           |           |           | NDA < 430 |          | 829      |           |           | 753       | 4,200    |          |           |           |     |
|                        | MDPH/MERL   | NDA < 300                     |        |          |              |           | 3,184     | NDA <300  |           |           |           | 557       |          | 918      |           |           |           | 897      | 4,951    |           |           |     |
| July 15, 2013          | Entergy     |                               |        |          |              |           |           |           |           |           |           | 1,010     |          | 1,310    |           |           |           |          | 2,300    |           |           |     |
|                        | MDPH/MERL   |                               |        |          |              |           |           |           |           |           |           | 616       |          | 916      |           |           |           |          | 2,295    |           |           |     |
| July 22, 2013          | Entergy     | NDA < 414                     |        |          |              |           | 1,190     | NDA < 411 |           |           |           | 672       |          | 849      |           |           | 647       | 3,790    |          |           |           |     |
|                        | MDPH/MERL   | NDA < 300                     |        |          |              |           | 1,397     | NDA < 300 |           |           |           | 528       |          | 1,003    |           |           | 793       | 4,882    |          |           |           |     |
| July 29, 2013          | Entergy     |                               |        |          |              |           |           |           |           |           |           | 637       |          | 1,400    |           |           |           |          | 3,660    |           |           |     |
|                        | MDPH/MERL   |                               |        |          |              |           |           |           |           |           |           | 653       |          | 958      |           |           |           |          | 3,470    |           |           |     |
| August 5, 2013         | Entergy     | NDA < 363                     |        |          |              |           | NDA < 365 | NDA < 366 |           |           |           | 590       |          | 1,120    |           |           |           | 1,130    | 4,690    |           |           |     |
|                        | MDPH/MERL   | NDA < 300                     |        |          |              |           | NDA < 300 | NDA < 300 |           |           |           | 548       |          | 1,020    |           |           |           | 1,072    | 5,307    |           |           |     |
| August 12, 2013        | Entergy     |                               |        |          |              |           |           |           |           |           |           | 893       |          | 1,120    |           |           |           |          | 4,290    |           |           |     |
|                        | MDPH/MERL   |                               |        |          |              |           |           |           |           |           |           | 725       |          | 1,089    |           |           |           |          | 4,440    |           |           |     |
| August 19, 2013        | Entergy     | NDA < 356                     |        |          |              |           | NDA < 351 | NDA < 350 |           |           |           | 461       |          | 1,070    |           |           |           | 1,040    | 3,820    |           |           |     |
|                        | MDPH/MERL   | NDA < 300                     |        |          |              |           | 371       | NDA < 300 |           |           |           | 796       |          | 1,194    |           |           |           | 1,018    | 4,146    |           |           |     |
| August 26, 2013        | Entergy     | NDA < 381                     | 393    | 474      | Inaccessible | NDA < 371 | NDA < 384 | NDA < 378 | NDA < 385 | NDA < 369 | NDA < 369 | 470       | 552      | 1,090    | NDA < 376 | NDA < 368 | NDA < 370 | 998      | 4,360    | NDA < 373 | NDA < 369 | 762 |
|                        | MDPH/MERL   | NDA < 300                     | 429    | 615      | Inaccessible | 614       | 381       | 308       | 504       | 343       | 330       | 1,035     | 707      | 1,307    | 536       | 322       | NDA < 300 | 1,045    | 4,676    | 548       | 304       | 832 |
| September 2, 2013      | Entergy     |                               |        |          |              |           |           |           |           |           |           | 465       |          | 802      |           |           |           |          | 5,590    |           |           |     |
|                        | MDPH/MERL   |                               |        |          |              |           |           |           |           |           |           | 834       |          | 1,207    |           |           |           |          | 5,779    |           |           |     |
| September 9, 2013      | Entergy     | NDA < 368                     |        |          |              |           | NDA < 376 | NDA < 364 |           |           |           | 797       |          | 1,350    |           |           |           | 1,130    | 3,330    |           |           |     |
|                        | MDPH/MERL   | 373                           |        |          |              |           | 632       | NDA < 300 |           |           |           | 874       |          | 1,188    |           |           |           | 1,134    | 3,935    |           |           |     |
| September 16, 2013     | Entergy     |                               |        |          |              |           |           |           |           |           |           | 692       |          | 672      |           |           |           |          | 5,720    |           |           |     |
|                        | MDPH/MERL   |                               |        |          |              |           |           |           |           |           |           | 719       |          | 1,146    |           |           |           |          | 6,391    |           |           |     |
| September 23, 2013     | Entergy     | NDA < 348                     |        |          |              |           | 451       | NDA < 357 |           |           |           | 659       |          | 912      |           |           |           | 872      | 6,230    |           |           |     |
|                        | MDPH/MERL   | NDA < 300                     |        |          |              |           | 669       | 389       |           |           |           | 917       |          | 939      |           |           |           | 1,133    | 6,165    |           |           |     |

**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; Monitoring Well MW-216 was installed in late Summer 2012.  
\*\*\* Results pending  
NDA< = Not detected at less than activity value listed  
N.A. = Not analyzed  
N.S. = Not sampled