



Entergy Nuclear Operations, Inc.
Pilgrim Nuclear Power Station
600 Rocky Hill Road
Plymouth, MA 02360

Robert G. Smith, P.E.
Site Vice President

February 28, 2013

U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
11555 Rockville Pike
Rockville, MD 20852

SUBJECT: Overall Integrated Plan In Response To March 12, 2012 Commission
Order Modifying Licenses With Regard To Reliable Spent Fuel Pool
Instrumentation (Order Number EA-12-051)

Pilgrim Nuclear Power Station
Docket No. 50-293
License No. DPR-35

- REFERENCES:
1. NRC Order Number EA-12-051, "Issuance of Order to Modify Licenses with Regard to Reliable Spent Fuel Pool Instrumentation", dated March 12, 2012 (PNPS Letter 1.12.015)
 2. NRC Interim Staff Guidance JLD-ISG-2012-03, "Compliance with Order EA-12-051, Reliable Spent Fuel Pool Instrumentation", Revision 0, dated August 29, 2012 (ML 12221A339)
 3. Nuclear Energy Institute (NEI) 12-02, Revision 1, "Industry Guidance for Compliance with NRC Order EA-12-051, To Modify Licenses with Regard to Reliable Spent Fuel Pool Instrumentation", dated August 2012 (ML 12240A307)
 4. Pilgrim Nuclear Power Station Letter to NRC, "Initial Status Report in Response to March 12, 2012, Commission Order Modifying Licenses with Regard to Requirements for Reliable Spent Fuel Pool Instrumentation (Order Number EA-12-051)", dated October 29, 2012 (PNPS Letter 2.12.074)

LETTER NUMBER 2.13.014

Dear Sir or Madam:

On March 12, 2012, the Nuclear Regulatory Commission ("NRC" or "Commission") issued an order (Reference 1) to Entergy Nuclear Operations, Inc. (Entergy). Reference 1 was immediately effective and directs Entergy to have a reliable indication of the water level in associated spent fuel storage pools. Specific requirements are outlined in Attachment 2 of Reference 1.

A001
LRR A recycling symbol consisting of three chasing arrows forming a triangle.

Reference 1 requires submission of an Overall Integrated Plan by February 28, 2013. The NRC Interim Staff Guidance (Reference 2) was issued August 29, 2012 which endorses industry guidance document NEI 12-02, Revision 1 (Reference 3) with clarifications and exceptions identified in Reference 2. Reference 3 provides direction regarding the content of this Overall Integrated Plan. The purpose of this letter is to provide that Overall Integrated Plan pursuant to Section IV, Condition C.1, of Reference 1.

Reference 3, Appendix A-2 contains the specific reporting requirements for the Overall Integrated Plan. The enclosure to this letter provides Pilgrim Nuclear Power Station's (PNPS) Overall Integrated Plan pursuant to Appendix A-2 of Reference 3.

Reference 4 provided the PNPS initial status report regarding reliable spent fuel pool instrumentation, as required by Reference 1. PNPS has not yet identified any impediments to compliance with the Order, i.e. within two refueling cycles after submittal of the integrated plan, or December 31, 2016, whichever is earlier. Future status reports will be provided as required by Section IV, Condition C.2, of Reference 1, and pursuant to Appendix A-2-3 of Reference 3 which will discuss any changes in compliance method, schedule, and any for relief including basis.

This letter contains no new regulatory commitments. Should you have any questions concerning the content of this letter, please contact Mr. Joseph R. Lynch at (508) 830-8403.

I declare under penalty of perjury that the foregoing is true and correct; executed on February 28, 2013.

Sincerely,



Robert G. Smith
Site Vice President

RGS/rmb

Enclosure: Pilgrim Nuclear Power Station Overall Integrated Plan for Reliable Spent Fuel Pool Instrumentation

cc: Mr. William M. Dean
Regional Administrator, Region 1
U.S. Nuclear Regulatory Commission
2100 Renaissance Boulevard, Suite 100
King of Prussia, PA 19406-1415

U. S. Nuclear Regulatory Commission
Director, Office of Nuclear Reactor Regulation
One White Flint North
11555 Rockville Pike
Washington, DC 20555-0001

Mr. Richard V. Guzman, Project Manager
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
Mail Stop O-8C2A
Washington, DC 20555

Mr. John Giarrusso Jr.
Planning, Preparedness & Nuclear Section Chief
Mass. Emergency Management Agency
400 Worcester Road
Framingham, MA 01702

U. S. Nuclear Regulatory Commission
Attn: Robert J. Fretz Jr.
OWFN, Mailstop # 4A15A
11555 Rockville Pike
Rockville, MD 20852-2378

U. S. Nuclear Regulatory Commission
Attn: Robert L. Dennig
OWFN, Mailstop # 10E1
11555 Rockville Pike
Rockville, MD 20852-2378

U. S. Nuclear Regulatory Commission
Attn: Ms. Lisa M. Regner
OWFN, Mailstop # 11F1
11555 Rockville Pike
Rockville, MD 20852-2378

U. S. Nuclear Regulatory Commission
Attn: Mr. Mr. Blake A. Purnell
OWFN, Mailstop # 12D20
11555 Rockville Pike
Rockville, MD 20852-2378

U. S. Nuclear Regulatory Commission
Attn: Mr. Steven R. Jones
OWFN, Mailstop # 10A1
11555 Rockville Pike
Rockville, MD 20852-2378