



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

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

October 29, 2012

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

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

REFERENCES: 1. NRC Order Number EA-12-051, "Order Modifying Licenses with  
Regard to Requirements for 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)

LETTER NUMBER 2.12.074

Dear Sir or Madam:

On March 12, 2012, the NRC issued an order (Reference 1) to Entergy 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.

Reference 1 requires submission of an initial status report 60 days following issuance of the final interim staff guidance. The final interim staff guidance (Reference 2) was issued August 29, 2012. The purpose of this letter is to provide the initial status report pursuant to Section IV, Condition C.2, of Reference 1 within 60 days following issuance of Reference 2. This report confirms Entergy has received Reference 2 and is in the process of evaluating the guidance for the purpose of providing a reliable indication of the water level in associated spent fuel storage pools as described in Attachment 2 of Reference 1.

ADD  
NRR



Major activities completed during this reporting period:

- Resources are being identified and project plans initiated, including development of milestones, to assure compliance with Reference 1.

Planned activities for the next six months:

- Development and submittal of the overall integrated plan

Technical difficulties encountered that could affect the ability to provide the licensee's February 28, 2013, submittal:

- None at this time

Project milestones schedule through completion of installation and testing:

- A project milestones schedule will be provided with the overall integrated plan.
- Implementation of the order will be completed for Pilgrim Nuclear Power Station prior to startup from Refueling Outage (RFO) 20 (Spring 2015).

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 October 29, 2012.

Sincerely,



Robert G. Smith  
Site Vice President

RGS/rmb

cc: NRC Resident Inspector  
Pilgrim Nuclear Power Station

cc: Mr. William M. Dean  
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