



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

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

June 8, 2012

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

SUBJECT: Entergy's Response to NRC Request for Information (RFI) Pursuant to 10 CFR 50.54(f) Regarding the Flooding Aspects of Recommendations 2.1 and 2.3 of the Near-Term Task Force Review of Insights from the Fukushima Dai-ichi Accident
Pilgrim Nuclear Power Station
Docket No. 50-293
License No. DPR-35

- References:
1. NRC Letter to Entergy, *RFI Pursuant to Title 10 of the Code of Federal Regulations 50.54(f) Regarding Recommendations 2.1, 2.3, and 9.3 of the Near-Term Task Force Review of Insights from the Fukushima Dai-ichi Accident*, dated March 12, 2012 (PNPS 1.12.016)
 2. NRC Letter to Entergy, *Prioritization of Response Due Dates for Site Flooding Hazard Evaluations*, dated May 11, 2012 (PNPS 1.12.030)
 3. NRC Letter, *Endorsement of Industry Walkdown Guidance*, dated May 31, 2012

LETTER NUMBER 2.12.041

Dear Sir or Madam:

On March 12, 2012, the NRC issued Reference 1 to all power reactor licensees. Enclosures 2 and 4 of Reference 1 contain specific requested actions, requested information, and required responses associated with Recommendations 2.1 and 2.3 for flooding evaluations and walkdowns. This letter provides Entergy Nuclear Operations', Inc. (Entergy's) 90-day response to Reference 1 for Pilgrim Nuclear Power Station (PNPS).

ADD
NRR

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

Recommendation 2.1: Flooding

The response date for PNPS's flood hazard evaluation was identified in Reference 2 as March 12, 2015 which corresponds to three years from the date of Reference 1.

Entergy plans to meet the requested date for the other required responses in Enclosure 2 of Reference 1. Specifically, an approach for developing an Integrated Assessment for PNPS will be submitted 60 days after NRC endorsement of the Integrated Assessment Guidance. In addition, an Integrated Assessment Report for PNPS, if it is necessary, will be submitted two years after the flood evaluation is submitted.

Recommendation 2.3: Flooding

For flooding Recommendation 2.3 (walkdowns), Enclosure 4 of Reference 1 states that each licensee is to confirm that it will use the NRC-endorsed flooding walkdown procedure or provide a description of the process it will use. Entergy confirms that it will use the flooding walkdown procedure (Nuclear Energy Institute 12-07, *Guidelines for Performing Verification Walkdowns of Plant Flood Protection Features*) endorsed by Reference 3 as the basis for the flooding walkdowns at PNPS.

Entergy plans to comply with the response timeline in Enclosure 4 of Reference 1. Specifically, Entergy will submit a report documenting the results of its flooding design basis walkdowns at PNPS by November 27, 2012, which corresponds to 180 days after NRC endorsement of the generic guidance.

The new commitments contained in this submittal are summarized in the attachment.

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 June 8, 2012.

Sincerely,



Robert G. Smith
Site Vice President

RGS/rmb

Attachment: List of Regulatory Commitments (1 Page)

PNPS Letter 2.12.041

Page 3 of 3

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

Mr. Eric J. Leeds
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

NRC Resident Inspector
Pilgrim Nuclear Power Station

Attachment 1 to
PNPS Letter 2.12.041
List of Regulatory Commitments

List of Regulatory Commitments

The following table identifies those actions committed to by Entergy in this document. Any other statements in this submittal are provided for information purposes and are not considered to be regulatory commitments.

COMMITMENT	TYPE (Check One)		SCHEDULED COMPLETION DATE (If Required)
	ONE- TIME ACTION	CONTINUING COMPLIANCE	
Submit flood hazard evaluation to the NRC.	X		March 12, 2015
An approach for developing an Integrated Assessment for PNPS will be submitted.	X		60-days after NRC endorsement of the Integrated Assessment Guidance
An Integrated Assessment Report for PNPS, if it is necessary, will be submitted two years after the flood evaluation is completed.	X		March 12, 2017 (if necessary)
Entergy will use the flooding walkdown procedure (Nuclear Energy Institute 12-07, <i>Guidelines for Performing Verification Walkdowns of Plant Flood Protection Features</i>) endorsed by Reference 3 as the basis for the flooding walkdowns and plans to comply with the response timeline in Enclosure 4 of Reference 1 by submitting a report documenting the results of its flooding design basis walkdowns at PNPS 180 days after NRC endorsement of the generic guidance.	X		November 27, 2012