



Entergy Nuclear Operations, Inc.  
Pilgrim Nuclear Power Station  
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Robert G. Smith, P.E.  
Site Vice President

June 8, 2012

U.S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
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SUBJECT: Entergy's 90-Day Response to the March 12, 2012, Information Request, Action Plan for Completing Emergency Communication and Staffing Assessments  
Pilgrim Nuclear Power Station  
Docket No. 50-293  
License No. DPR-35

- References:
1. NRC letter to Entergy, *Request for Information 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. Entergy letter to NRC, *Entergy's 60-Day Response to the March 12, 2012, Information Request, Action Plan for Completing Emergency Communication and Staffing Assessments*, dated May 11, 2012 (PNPS 2.12.028)

LETTER NUMBER 2.12.040

Dear Sir or Madam:

On March 12, 2012, the NRC issued Reference 1. Enclosure 5 of Reference 1 contains specific requested actions and requested information associated with Recommendation 9.3 for Emergency Preparedness programs. In accordance with 10 CFR 50.54, "Conditions of licenses," paragraph (f), addressees were requested to submit a written response to the information requests. The letter also provided requested due dates for written responses.

In accordance with the Reference 2 (60-day response), on May 11, 2012, Entergy Operations, Inc. submitted an alternative course of action for providing the requested information. The alternative course of action included revised information due dates and the basis for those dates. As described in the alternative course of action, Attachment 1 to this letter transmits the responses to the following information requests: Enclosure 5 communications request #2 and staffing requests #3, #4, and #5.

A001  
NRR

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

The new commitments contained in this submittal are summarized in Attachment 2.

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

- Attachments:
1. Request for Information 90-Day Emergency Preparedness Response (2 Pages)
  2. List of Regulatory Commitments (1 Page)

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NRC Resident Inspector  
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**Attachment 1 to**  
**PNPS Letter 2.12.040**  
**Request for Information 90-Day Emergency Preparedness Response**

Request for Information (RFI) 90-Day Emergency Preparedness Response

**Communications:**

**RFI 2 – Describe any interim actions that have been taken or are planned to be taken to enhance existing communications systems power supplies until the communications assessment and the resulting actions are complete.**

Two uninterruptible power supplies (UPSs) have been received at Pilgrim Nuclear Power Station (PNPS) to provide backup power upon loss of all alternating current power for radio communications systems for onsite response teams and offsite field monitoring teams. The schedule for installation of the UPSs will be provided with the communications assessment by October 31, 2012, as previously committed to in the 60-day response (Reference 2).

In addition to existing emergency response radios and B.5.b–dedicated radios, ten (10) additional portable digital radios including extra batteries/chargers have been purchased, received, and are set to be deployed for use for communications with onsite response teams or offsite field monitoring teams. Deployment is scheduled for completion by October 31, 2012.

In addition to the existing five (5) satellite phones currently on site at PNPS, eleven (11) additional battery-operated satellite phones have been purchased and received for deployment to emergency response personnel for onsite and offsite communications. Deployment is scheduled for completion by October 31, 2012.

**Staffing:**

**RFI 3 – Identify how the augmented staff would be notified given degraded communications capabilities.**

Initial expectations have been communicated to the Emergency Response Organization (ERO) to respond to their assigned emergency response facilities when made aware of an area-wide loss-of-grid that results in degraded communications capability. This information is currently included in the ERO annual requalification training program.

**RFI 4 – Identify the methods of access (e.g., roadways, navigable bodies of water and dockage, airlift, etc.) to the site that are expected to be available after a widespread large scale natural event.**

Various types of transport to PNPS are applicable including: walking, personal vehicle, helicopter, and watercraft.

PNPS is in the process of augmenting an agreement with the Massachusetts Emergency Management Agency (MEMA) to obtain logistical support for the transport of emergency responders to the site in the event of a large-scale natural disaster that inhibits site access. MEMA is the central coordinating agency for

mutual aid in Massachusetts for state, local, and federal resources. This would include clearing of access roads as conditions warrant, and land, water, and air transportation support, etc. as needed.

Arrangements are also being pursued for additional water and air transportation support. Entergy anticipates that applicable agreements/ arrangements will be established by October 31, 2012.

In support of these agreements, Entergy is evaluating additional potential staging areas to be used by the emergency responders, if they are available, as common locations for transport to the PNPS site. This evaluation will be completed by October 31, 2012.

**RFI 5 – Identify any interim actions that have been taken or are planned prior to the completion of the staffing assessment.**

Entergy is currently assessing initial on-shift ERO staffing at PNPS for beyond design-basis event conditions in response to the requirements of changes to 10CFR Parts 50, Appendix E, Section IV(A)(9), by December 24, 2012. Although limited to the time following a beyond design-basis event initiation until the on-shift ERO is augmented, this assessment is expected to provide an initial indication of the adequacy of staffing to respond to beyond design-basis events.

Two (2) pallets of bottled water and one (1) pallet of "Meals Ready to Eat" have been received at PNPS to support extended presence of emergency workers in the event of a beyond design-basis event.

**References:**

1. NRC letter to Entergy, *Request for Information 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. Entergy letter to NRC, *Entergy's 60-Day Response to the March 12, 2012, Information Request, Action Plan for Completing Emergency Communication and Staffing Assessments*, dated May 11, 2012 (PNPS 2.12.028)

**Attachment 2 to  
PNPS Letter 2.12.040  
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	
Include instructions for Emergency Response Organization (ERO) to respond to their assigned emergency response facilities when made aware of an area-wide loss-of-grid in the ERO annual requalification training program.	<b>X</b>		December 12, 2012
Entergy is evaluating additional potential staging areas to be used by the emergency responders, if they are available, as common locations for transport to the affected site.	<b>X</b>		October 31, 2012
Deployment of new portable digital radios and new battery-operated satellite phones.	<b>X</b>		October 31, 2012