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**John A Ventosa**  
Site Vice President

NL-12-075

June 8, 2012

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

**SUBJECT:** Entergy's 90-Day Response to the March 12, 2012, Information Request, Action Plan for Completing Emergency Communication and Staffing Assessments  
Indian Point Unit Numbers 2 and 3  
Docket Nos. 50-247 and 50-286  
License Nos. DPR-26 and DPR-64

- 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 (ML12053A340)
  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 (NL-12-054), dated May 11, 2012

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 identified requested due dates for written responses.

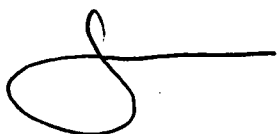
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In accordance with Reference 2 (60-day response), on May 11, 2012, Entergy Nuclear Operations, Inc. (Entergy) submitted an alternative course of action for providing the requested information. The alternative course of action included revised information 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.

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 Robert Walpole, Manager, Licensing at (914) 254-6710.

I declare under penalty of perjury that the foregoing is true and correct. Executed on June 8, 2012.

Respectfully,



JAV/sp

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

cc: Mr. Douglas Pickett, Senior Project Manager, NRC NRR DORL  
Mr. William M. Dean, Regional Administrator, NRC Region 1  
NRC Resident Inspectors  
Mr. Francis J. Murray, Jr., President and CEO, NYSERDA  
Ms. Bridget Frymire, New York State Dept. of Public Service

**ATTACHMENT 1 TO NL-12-075**

**REQUEST FOR INFORMATION 90-DAY EMERGENCY  
PREPAREDNESS RESPONSE**

**ENTERGY NUCLEAR OPERATIONS, INC.  
INDIAN POINT NUCLEAR GENERATING UNIT NOS. 2 AND 3  
DOCKET NOS. 50-247 AND 50-286**

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 (UPS) have been received onsite to be used at Indian Point Energy Center (IPEC) 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 two UPS 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, twenty (20) additional portable digital radios including extra batteries/chargers have been purchased, received, and deployed to be used for communications with onsite response teams or offsite field monitoring teams.

In addition to the existing three satellite phones currently on site at IPEC, thirteen (13) additional battery-operated satellite phones have been purchased, received, and deployed for emergency response personnel for onsite and offsite communications.

**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 will be included in the ERO annual requalification training program by December 12, 2012.

**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 IPEC are applicable including: walking, personal vehicle, helicopter, and watercraft.

Entergy is in the process of contacting state and local governments to explore the development of agreements 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. Agreements with Coast Guard, and National Guard for water and air transportation support will not be developed but Entergy will seek to establish

the protocol for requesting such aid. Entergy will advise NRC of the ability to reach agreements with State and local governments and the development of such agreements by October 30, 2012.

The following agreements are already in-place for assistance and/or services:

- Memorandum of Understanding with local fire departments (Buchanan Engine Company 1, Verplanck Fire Protection Association, Montrose Fire Department)
- Westchester County Fire and Emergency Medical Services Responses & Mutual Aid Plan
- Memorandum of Understanding with NY State Police
- Memorandum of Understanding with Consolidated Edison to restore power (FERC NUC-0001 requirements)
- Memorandum of Understanding with local hospitals (Hudson Valley Hospital Center, Phelps Memorial Hospital Center)
- Memorandum of Understanding with DOE – Radiation Emergency Assistance
- Agreement with NY State Office of Emergency Management
- Purchase Order with Bottini Fuel, HO Penn

In support of existing support 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 IPEC site. This evaluation will be completed by October 30, 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 IPEC for 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 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.

Supplies, including food and water, to support extended presence of emergency workers at IPEC have been received and are stored on site.

**ATTACHMENT 2 TO NL-12-075**

**LIST OF REGULATORY COMMITMENTS**

**ENTERGY NUCLEAR OPERATIONS, INC.  
INDIAN POINT NUCLEAR GENERATING UNIT NOS. 2 AND 3  
DOCKET NOS. 50-247 AND 50-286**

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.	X		December 12, 2012
Entergy will advise NRC of the ability to reach agreements with State and local governments and the development of such agreements.	X		October 30, 2012
In support of existing support 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 IPEC site.	X		October 30, 2012
Thirteen (13) battery-operated satellite phones will be available for emergency response personnel for onsite and offsite communications.		X	