



Entergy Nuclear Northeast
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John A Ventosa
Site Vice President
Administration

NL-13-156

December 23, 2013

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

SUBJECT: Entergy's Required Response for NTTF Recommendation 2.1: Flooding - Hazard Reevaluation Report
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, 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 (NL-13-053), Entergy's Required Response 2 for NTTF Recommendation 2.1: Flooding - Hazard Reevaluation Report, dated March 12, 2013
 3. NRC letter, Indian Point Nuclear Generating Station Unit Nos. 2 and 3 – Relaxation of Response Due Dates Regarding Flooding Hazard Reevaluations for Recommendation 2.1 of the Near-Term Task Forces Review of the Insights From the Fukushima Dai-Ichi Accident, dated April 12, 2013 (ADAMS Accession ML13095A297)

Dear Sir or Madam:

On March 12, 2012, the NRC issued the Reference 1 requesting information to support the evaluation of the NRC staff recommendations for the Near-Term Task Force (NTTF) review of the accident at the Fukushima Dai-ichi nuclear facility. Recommendation 2.1 of the referenced letter requested a reevaluation of all appropriate external flooding sources and the submittal of a Hazard Evaluation Report. Entergy Nuclear Operations, Inc. (Entergy) requested a delay to submit the Hazard Evaluation Report (Reference 2) and the NRC granted a schedule delay until December 31, 2013 (Reference 3).

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Enclosed is the Hazard Reevaluation Report for Indian Point Energy Center (IPEC). The analysis was performed per the guidance of NUREG/CR-7046 and JLD-ISG-2012-06. The interim actions in Reference 2 protects the plant from extreme postulated storms (storms that are postulated to occur only once in 500,000 years).

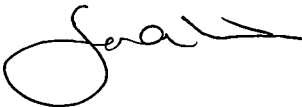
Protecting the plant against the 500,000 year flood will protect IPEC against storms that could result in flooding levels in the lower Manhattan Battery about 25 percent higher (about 20.8 feet NADV88). This can be compared to Super-storm Sandy where the National Oceanic and Atmospheric Administration reported storm water levels at the battery in lower Manhattan of 11.28 feet NADV88 and at Ossining, about 10 miles south of the plant, of 9.0 feet NADV88.

Entergy will, in accordance with Reference 1, Recommendation 2.1, Item 2, perform an integrated assessment and submit to NRC an Integrated Assessment Report within two years.

This letter contains no new regulatory commitments. If you have any questions concerning this submittal, please contact Mr. Robert Walpole, Manager, Licensing at (914) 254-6710.

I declare under penalty of perjury that the foregoing is true and correct; executed on December 23, 2013.

Respectfully,



JAV/sp

Enclosure Flood Hazard Reevaluation Report Required by 10 CFR 50.54(f) Near-Term Task Force Recommendation 2.1

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