



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

April 12, 2013

Vice President, Operations
Entergy Nuclear Operations, Inc.
Indian Point Energy Center
450 Broadway, GSB
P.O. Box 249
Buchanan, NY 10511-0249

SUBJECT: 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
FORCE REVIEW OF THE INSIGHTS FROM THE FUKUSHIMA DAI-ICHI
ACCIDENT

Dear Sir or Madam:

By letter dated March 12, 2012,¹ the Nuclear Regulatory Commission (NRC) issued a request for information pursuant to Title 10 of the *Code of Federal Regulations*, Section 50.54(f) (hence referred to as the 50.54(f) letter). The request was issued as a part of implementing lessons-learned from the accident at the Fukushima Dai-ichi nuclear power plant. Enclosure 2 to the 50.54(f) letter requested licensees to perform a reevaluation of all external flooding hazards using present-day guidance and methodologies.

By letter dated May 11, 2012,² the NRC issued a prioritization of due dates for all sites. The flooding hazard reevaluation was due on March 12, 2013, for Indian Point Nuclear Generating Station, Units 2 and 3 (Indian Point).

By letter dated March 11, 2013,³ Entergy requested a delay in submittal of the flooding hazard reevaluation for Indian Point to December 31, 2013. The reason for this request is to allow additional time to complete an analysis to establish the storm surge flooding hazard at Indian Point. In the letter, Entergy described a number of additional factors to support the new schedule.

The NRC reviewed the justification provided and considered the following factors when reviewing the new schedule:

- Hurricane Sandy in October 2012 had unusual meteorological characteristics. Therefore, it is appropriate to consider insights gained from the event in establishing the range of applicable parameters for storm surge flooding hazard assessment at Indian Point. Probabilistic (or probabilistic-deterministic) approaches provide a prudent means to account for these insights, as outlined in NUREG/CR-7134, "The Estimation of Very-Low Probability Hurricane Storm Surges for Design and Licensing of Nuclear Power

¹ The 50.54(f) letter is available in the Agencywide Documents Access and Management System (ADAMS) under Accession No. ML12053A340.

² The prioritization letter is available in under ADAMS Accession No. ML12097A509.

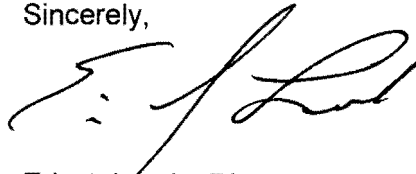
³ The extension request from Exelon is available in under ADAMS Accession No. ML13079A061.

Plants in Coastal Areas,” and echoed in JLD-ISG-2012-06, “Guidance for Performing a Tsunami, Surge, or Seiche Hazard Assessment.” It is recognized that additional time is necessary to incorporate experience from Hurricane Sandy in the reevaluation of flooding hazards at Indian Point.

- The limited duration of the proposed extension (approximately 9 months) and the proposal to supplement existing site flood protection with pre-staged sandbags and deployable temporary barriers by July 2013 (typically the Atlantic hurricane season runs June 1 to November 30) support the new schedule.

Given these considerations, the NRC considers the revised schedule proposed by Entergy to be acceptable. Accordingly, and based upon the authority granted to the Director, Office of Nuclear Reactor Regulation, the revised required response date for submitting the hazard reevaluation report for Indian Point is December 31, 2013.

Sincerely,

A handwritten signature in black ink, appearing to read 'Eric J. Leeds', written in a cursive style.

Eric J. Leeds, Director
Office of Nuclear Reactor Regulation

Docket Nos. 50-247 and 50-286

cc: Listserv

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Sincerely,

/ra/

Eric J. Leeds, Director
Office of Nuclear Reactor Regulation

Docket Nos. 50-247 and 50-286

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ADAMS Accession No. ML13095A297

*Via email

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