



Entergy Nuclear Northeast  
Indian Point Energy Center  
450 Broadway, GSB  
P.O. Box 249  
Buchanan, NY 10511-0249  
Tel (914) 788-2055

Fred Dacimo  
Vice President  
License Renewal

NL-09-151

November 16, 2009

U.S. Nuclear Regulatory Commission  
Attn: Document Control Desk  
Washington, DC 20555-0001

SUBJECT: Entergy Nuclear Operations Inc.  
Telephone Conference Call Regarding  
Met Tower Data for SAMA Analysis  
Indian Point Nuclear Generating Unit Nos. 2 & 3  
Docket Nos. 50-247 and 50-286  
License Nos. DPR-26 and DPR-64

REFERENCE: 1. Meeting Minutes, Telephone Conference, November 9, 2009,  
between Ms. Kimberly Green NRC and Entergy Staff Regarding Met  
Tower Data for SAMA Analyses

Dear Sir or Madam:

Entergy Nuclear Operations, Inc is providing this letter to document a discrepancy found with the wind direction inputs to the MACCS2 code for the IPEC SAMA analysis. Entergy found the discrepancy during investigations to resolve a question from the NRC staff regarding wind directions. The method used to obtain the five-year average hourly wind directions has been determined faulty. This issue has been entered into Entergy Corrective Action Program as CR-HQN-2009-01044. IPEC will correct the wind direction inputs, re-analyze the SAMAs for both units and provide the results to the NRC by December 16, 2009.

As requested during the telephone conference summarized in reference 1, Entergy will provide the following information on or before December 16, 2009.

- The meteorological data and justification supporting its use in the SAMA analysis (e.g., if a single year is used or an average of several years),
- Revised estimates of the offsite population dose and offsite economic costs,
- Identification of the meteorological tower elevation from which meteorological data were obtained and the rationale for selecting the data from that tower elevation,
- Revised SAMA analysis results, specifically for the analysis case discussed in response to RAI 4e, dated February 5, 2008, and
- The complete MACCS2 input file used for the reanalysis (in electronic format).

A001  
NRR

If you have any questions, or require additional information, please contact Mr. Robert Walpole at 914-734-6710.

Sincerely,

A handwritten signature in black ink, appearing to read 'RWalpole', written over a faint circular stamp.

FRD/dmt

Attachment: 1. Regulatory Commitment

cc: Mr. Samuel J. Collins, Regional Administrator, NRC Region I  
Mr. Sherwin E. Turk, NRC Office of General Counsel, Special Counsel  
Ms. Kimberly Green, NRC Safety Project Manager  
Mr. John Boska, NRR Senior Project Manager  
IPEC NRC Resident Inspector's Office  
Mr. Paul Eddy, New York State Department of Public Service  
Mr. Francis J. Murray, President and CEO, NYSERDA

ATTACHMENT 1 TO NL-09-151

**Regulatory Commitment**

ENERGY NUCLEAR OPERATIONS, INC.  
INDIAN POINT NUCLEAR GENERATING UNIT NOS. 2 & 3  
DOCKET NOS. 50-247 AND 50-286  
LICENSE NOS. DPR-26 AND DPR-64

**Regulatory Commitment**

The following table identifies an action 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	IMPLEMENTATION SCHEDULE	SOURCE	RELATED LRA SECTION / AUDIT ITEM
1	<p>Entergy will provide the following information on or before December 16, 2009.</p> <ul style="list-style-type: none"> <li>• The meteorological data and justification supporting its use in the SAMA analysis (e.g., if a single year is used or an average of several years),</li> <li>• Revised estimates of the offsite population dose and offsite economic costs,</li> <li>• Identification of the meteorological tower elevation from which meteorological data were obtained and the rationale for selecting the data from that tower elevation,</li> <li>• Revised SAMA analysis results, specifically for the analysis case discussed in response to RAI 4e, dated February 5, 2008, and</li> <li>• The complete MACCS2 input file used for the reanalysis (in electronic format).</li> </ul>	<p>IP2: December 16, 2009</p> <p>IP3: December 16, 2009</p>	NL-09-151	Appendix E Section 4.21