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NL-11-046

May 9, 2011

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

SUBJECT: 2010 Annual 10 CFR 50.46 Emergency Core Cooling System Evaluation
Changes Report
Indian Point Unit Nos. 2 and 3
Docket Nos. 50-247 & 50-286
License Nos. DPR-26 & DPR-64

Reference: 1. Entergy letter NL-10-083; Annual 10 CFR 50.46 Report for Calendar Year 2009
Emergency Core Cooling System Evaluation Changes, dated August 4, 2010.

Dear Sir or Madam:

This letter provides the annual 10 CFR 50.46 report for calendar year 2010 for Indian Point Units 2 (IP2) and 3 (IP3). The prior report, for calendar year 2009, was provided in Reference 1.

There are no new PCT adjustments required for the IP2 or the IP3 small break LOCA analyses of record (AOR) for calendar year 2010. There also is no new adjustment for the IP2 large break LOCA AOR. For the IP3 large break LOCA AOR, Entergy is reporting a PCT adjustment of +3 °F as a result of changing the initial containment/accumulator temperature to 80 °F.

The limiting PCT results for the IP2 and IP3 small and large break LOCAs continue to meet the criteria of 10 CFR 50.46, paragraph (b) for calendar year 2010.

There are no new commitments contained in this letter. If you have any questions or require additional information, please contact me at 914-734-6710.

Sincerely,

A handwritten signature in black ink, appearing to read "RW" with a stylized flourish.

RW/mb

cc: next page

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nrr

cc: Mr. William Dean, Regional Administrator, NRC Region 1
Mr. John Boska, Senior Project Manager, NRC NRR DORL
IPEC NRC Resident Inspector's Office
Mr. Francis J. Murray, President and CEO, NYSERDA
Mr. Paul Eddy, New York State Department of Public Service