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NL-10-083

August 4, 2010

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

SUBJECT: Annual 10 CFR 50.46 Report for Calendar Year 2009  
Emergency Core Cooling System Evaluation Changes  
Indian Point Nuclear Generating Units 2 & 3  
Docket: 50-247 & 50-286  
License: DPR-26 & DPR 64

Reference: 1. Entergy letter NL-09-095; Annual 10 CFR 50.46 Report for Calendar  
Year 2008, dated July 21, 2009. (ADAMS ML092110189)

Dear Sir or Madam:

This letter provides the annual 10 CFR 50.46 report for calendar year 2009 for Indian Point Units 2 (IP2) and 3 (IP3). The prior report, for calendar year 2008, 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 2009. There also is no new adjustment for the IP2 large break LOCA AOR. For the IP3 large break LOCA AOR, the transition core penalty is now eliminated beginning with cycle 16 which commenced with startup from the Spring 2009 refueling outage.

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 2009. There are no new regulatory commitments identified 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 "RWalpole", with a stylized flourish at the end.

RW / KK / MB

cc: Next page

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KIRK

cc: Mr. M. Dapas, Acting Regional Administrator, NRC Region I  
Mr. J. Boska, Senior Project Manager, NRC, NRR, DORL  
NRC Resident Inspectors Office, Indian Point  
Mr. Paul Eddy, NYS Dept. of Public Service  
Mr. Francis J. Murray, Jr., President and CEO, NYSERDA