December 27, 2006

Mr. Fred R. Dacimo
Site Vice President
Entergy Nuclear Operations, Inc.
Indian Point Energy Center
295 Broadway, Suite 1
P.O. Box 249
Buchanan, NY 10511-0249

SUBJECT: INDIAN POINT NUCLEAR GENERATING UNITS 2 AND 3 - NRC EVALUATED EMERGENCY PREPAREDNESS EXERCISE - INSPECTION REPORT NOS. 05000247/2006012 AND 05000286/2006010

Dear Mr. Dacimo:

The enclosed report documents an inspection at Indian Point Nuclear Generating Units 2 and 3, which evaluated the performance of your emergency response organization during the November 14, 2006, exercise and the post-exercise critiques conducted on November 14-16, 2006, as specified in the reactor oversight program. The inspectors discussed the preliminary findings of this inspection with you and members of your staff on November 16, 2006.

The inspection examined activities conducted under your license as they relate to safety and compliance with the Commission's rules and regulations and with the conditions of your license. The inspectors reviewed emergency plan procedures and previous drill reports, observed the exercise activities, and interviewed selected emergency preparedness personnel from your staff.

Based on the results of this inspection, no findings of significance were identified.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter and its enclosure and your response (if any) will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records (PARS) component of NRC's document system (ADAMS). ADAMS is accessible from the NRC Web site at http://www.nrc.gov/reading-rm/adams.html (the Public Electronic Reading Room).

Sincerely,

/RA/

Raymond K. Lorson, Chief
Plant Support Branch 1
Division of Reactor Safety

Docket Nos. 50-247, 50-286
License Nos. DPR-35, DPR-64

Enclosure: Inspection Report Nos. 05000247/2006012 and 05000286/2006010
w/Attachment: Supplemental Information

cc w/encl:
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M. R. Kansler, President, Entergy Nuclear Operations Inc. (ENO)
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C. Donaldson, Esquire, Assistant Attorney General, New York Department of Law
D. O'Neill, Mayor, Village of Buchanan
J. G. Testa, Mayor, City of Peekskill
R. Albanese, Four County Coordinator
S. Lousteau, Treasury Department, Entergy Services, Inc.
Chairman, Standing Committee on Energy, NYS Assembly
Chairman, Standing Committee on Environmental Conservation, NYS Assembly
Chairman, Committee on Corporations, Authorities, and Commissions
M. Slobodien, Director, Emergency Planning
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Assemblywoman Sandra Galef, NYS Assembly
County Clerk, Westchester County Legislature
A. Spano, Westchester County Executive
R. Bondi, Putnam County Executive
C. Vanderhoef, Rockland County Executive
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T. Judson, Central NY Citizens Awareness Network
M. Elie, Citizens Awareness Network
D. Lochbaum, Nuclear Safety Engineer, Union of Concerned Scientists
Public Citizen's Critical Mass Energy Project
M. Mariotte, Nuclear Information & Resources Service
F. Zalcman, Pace Law School, Energy Project
L. Puglisi, Supervisor, Town of Cortlandt
Congresswoman Sue W. Kelly
Congresswoman Nita Lowey
Senator Hillary Rodham Clinton
Senator Charles Schumer

J. Riccio, Greenpeace
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M. Kaplowitz, Chairman of County Environment & Health Committee
A. Reynolds, Environmental Advocates
M. Jacobs, Director, Longview School
D. Katz, Executive Director, Citizens Awareness Network
P. Leventhal, The Nuclear Control Institute
K. Coplan, Pace Environmental Litigation Clinic
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SUNSI Review Complete: RKL (**Reviewer's Initials**)

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U. S. NUCLEAR REGULATORY COMMISSION REGION I

REGION I

Docket Nos:	50-247, 50-286
License Nos:	DPR-35, DPR-64
Report Nos:	05000247/2006012, 05000286/2006010
Licensee:	Entergy Nuclear Northeast
Facility:	Indian Point Nuclear Generating Station, Units 2 and 3
Location:	295 Broadway, Suite 3 Buchanan, NY 10511-0308
Dates:	November 13-17, 2006
Inspectors:	S. Barr, Senior Emergency Preparedness Inspector, Region I (Lead) R. Kahler, Inspection Team Leader, Office of Nuclear Security and Incident Response (NSIR) S. Lavie, Senior Emergency Preparedness Specialist, NSIR D. Jackson, Senior Projects Engineer, Region I G. Johnson, Operations Engineer, Region I S. Ng, Nuclear Safety Professional Development Program, General Engineer (Observer)
Approved by:	Raymond K. Lorson, Chief Plant Support Branch 1 Division of Reactor Safety

Enclosure

SUMMARY OF FINDINGS

IR 05000247/2006-012 and 05000286/2006-010; 11/13-17/06; Indian Point Nuclear Generating Station, Units 2 and 3; Emergency Preparedness Exercise; Emergency Preparedness Performance Indicators.

This inspection was conducted by three region-based inspectors and two headquarters-based inspectors. No findings of significance were identified. The NRC's program for overseeing the safe operation of commercial nuclear power reactors is described in NUREG-5949, "Reactor Oversight Process," Revision 3, dated August 2000.

Cornerstone: Emergency Preparedness

A. NRC-Identified and Self-Revealing Findings

No findings of significance were identified.

B. Licensee-Identified Findings

None

Report Details

1. REACTOR SAFETY

Cornerstone: Emergency Preparedness (EP)

1EP1 Exercise Evaluation (71114.01 - 1 Sample)

a. Inspection Scope

Prior to the exercise, an in-office review was conducted of the exercise objectives and scenario submitted to the NRC, to determine if the exercise would test major elements of the emergency plan as required by 10 CFR 50.47(b)(14). The evaluation of the licensee's performance during the exercise is described below. Overall, this inspection activity represents the completion of one sample on a biennial cycle.

The exercise evaluation consisted of the following review and assessment:

- The adequacy of Indian Point's performance in the biennial full-participation exercise regarding the implementation of the risk-significant planning standards (RSPS) in 10 CFR 50.47 (b)(4), (5), (9) & (10), which are emergency classification, offsite notification, radiological assessment, and protective action recommendations, respectively.

- The overall adequacy of Indian Point's emergency response facilities with regard to NUREG-0696, "Functional Criteria for Emergency Response Facilities," and Emergency Plan commitments. The facilities assessed were the control room simulator, the Technical Support Center (TSC), the Operations Support Center (OSC), the Joint Information Center (JIC), and the Emergency Operations Facility (EOF).

- Other performance areas, such as, the emergency response organization's (ERO's) recognition of abnormal plant conditions, command and control, intra- and inter-facility communications, prioritization of mitigation activities, utilization of repair and field monitoring teams, interface with offsite agencies, staffing and procedure adequacy, and the overall implementation of the emergency plan and its implementing procedures.

- Past performance issues from the last NRC exercise report and Indian Point's drill reports to determine effectiveness of corrective actions as demonstrated during this exercise to ensure compliance with 10 CFR 50.47(b)(14).

- The post-exercise critiques to evaluate Indian Point's self-assessment of its ERO performance during the exercise and to ensure compliance with 10 CFR 50, Appendix E.IV.F.2.g.

The inspectors reviewed the documents listed in Attachment 1 to this report.

b. Findings

No findings of significance were identified.

4. OTHER ACTIVITIES (OA)

4OA1 Performance Indicator (PI) Verification (71151- 3 Samples)

a. Inspection Scope

The inspectors reviewed data for the Indian Point EP PIs which are: (1) Drill and Exercise Performance (DEP); (2) ERO Drill Participation; and (3) Alert and Notification System (ANS) Reliability. The inspectors reviewed supporting documentation from drills and tests from the fourth quarter of 2005, and the first, second, and third quarters of 2006, to verify the accuracy of the reported data. The review of these performance indicators was conducted in accordance with NRC Inspection Procedure 71151. The acceptance criteria used for the review were 10 CFR 50.9 and NEI 99-02, Revision 4, "Regulatory Assessment Performance Indicator Guidelines." This inspection activity represented the completion of three samples on an annual cycle.

b. Findings

No findings of significance were identified.

40A6 Meetings, including Exit

The inspectors presented the inspection results to Mr. Fred Dacimo, Site Vice President, and other members of the licensee's staff at the conclusion of the inspection on November 16, 2006. The licensee had no objections to the NRC observations. No proprietary information was provided to the inspectors during this inspection.

ATTACHMENT

SUPPLEMENTAL INFORMATION

KEY POINTS OF CONTACT

Licensee Personnel

B. Sullivan, Indian Point Emergency Preparedness Manager
M. Miele, Indian Point Senior Emergency Planner

LIST OF ITEMS OPENED, CLOSED, AND DISCUSSED

Opened, Closed, Discussed

None

LIST OF DOCUMENTS REVIEWED

Section 1EP1: Exercise Evaluation

Indian Point Nuclear Power Station Emergency Plan
Indian Point Emergency Plan Implementing Procedures
2006 Graded Exercise Timeline and Scenario Messages
Emergency Preparedness Training Drill Report, Unit 2, Blue Team Response, 01/12/05
Emergency Preparedness Training Drill Report, Unit 3, Green Team Response, 02/26/05
Emergency Preparedness Training Drill Report, Unit 2, White Team Response, 05/19/05
Emergency Preparedness Training Drill Report, Unit 3, Red Team Response, 09/21/05
Emergency Preparedness Training Drill Report, Unit 2, Red Team Response, 11/30/05
Emergency Preparedness Training Drill Report, Unit 3, Team Alpha Response, 01/11/06
Emergency Preparedness Training Drill Report, Unit 2, Team Delta Response, 02/01/06
Emergency Preparedness Training Drill Report, Unit 3, Team Charlie Response, 06/14/06
Emergency Preparedness Training Drill Report, Unit 3, Team Bravo Response, 09/20/06
Emergency Preparedness Training Drill Report, Unit 2, Team Echo Response, 10/11/06

Condition Reports (CR's) reviewed as a result of the 2006 exercise:

CR-IP2-2006-06628: Unit 2 control room personnel were requested to make drill announcements before being briefed or provided instructions by a drill controller.

CR-IP2-2006-06629: Accountability coordinator telephone in the TSC/OSC was not operating properly.

CR-IP2-2006-06630: Printer IP2 PR 121 in the OSC was not operating properly.

CR-IP2-2006-06639: The County Executive Hotline in the EOF stopped working; a back-up conference bridge was utilized for the remainder of the exercise.

CR-IP2-2006-06641: The audio for the flat panel display in the JIC worked intermittently.

CR-IP2-2006-06642: One page of the exercise scenario was left unattended in the JIC.

CR-IP2-2006-06662: On two separate occurrences, an additional geographic sector was transmitted from the EOF to offsite agencies on the Part I form; these additional sectors impacted the PARs.

CR-IP2-2006-06663: Communications problems were observed between and within the emergency response facilities regarding the release path from the faulted steam generator.

CR-IP2-2006-06664: The Part II form radiological data was inaccurate due to a misunderstanding of the release path.

CR-IP2-2006-06675: This CR was initiated to draft an exercise report to capture the strengths and areas of improvements from the exercise.

CR-IP2-2006-06680: In some cases, corrective action teams were not dispatched in a timely manner.

Section 4OA1:Performance Indicator Verification

IP-EP-AD5, Emergency Preparedness Performance Indicator Program
Drill/Exercise Performance Indicator Data, October 2005 - September 2006
ERO Drill Participation Performance Indicator Data, October 2005 - September 2006
ANS Reliability Performance Indicator Data, October 2005 - September 2006

LIST OF ACRONYMS

ANS	Alert and Notification System
CFR	Code of Federal Regulations
CR	Condition Report
DEP	Drill and Exercise Performance
ERO	Emergency Response Organization
EOF	Emergency Operations Facility
EP	Emergency Preparedness
ERO	Emergency Response Organization
JIC	Joint Information Center
NRC	Nuclear Regulatory Commission
OSC	Operations Support Center
PI	Performance Indicator
RSPS	Risk Significant Planning Standard
TSC	Technical Support Center