



**UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION I
2100 RENAISSANCE BOULEVARD, SUITE 100
KING OF PRUSSIA, PA 19406-2713**

October 11, 2018

Mr. Anthony J. Vitale
Site Vice President
Entergy Nuclear Operations, Inc.
Indian Point Energy Center
450 Broadway, General Services Building
P.O. Box 249
Buchanan, NY 10511-0249

**SUBJECT: INDIAN POINT NUCLEAR GENERATING – EVALUATED EMERGENCY
PREPAREDNESS EXERCISE INSPECTION REPORT 05000247/2018501 AND
05000286/2018501**

Dear Mr. Vitale:

On September 27, 2018, the U.S. Nuclear Regulatory Commission (NRC) completed an inspection at Indian Point Nuclear Generating, Units 2 and 3. The NRC inspectors discussed the results of this inspection with Mr. John Ferrick, General Manager of Plant Operations, and other members of your staff. The results of this inspection are documented in the enclosed report.

The NRC inspectors did not identify any finding or violation of more than minor significance.

This letter, its enclosure, and your response (if any) will be made available for public inspection and copying at <http://www.nrc.gov/reading-rm/adams.html> and the NRC Public Document Room in accordance with 10 CFR 2.390, "Public Inspections, Exemptions, Requests for Withholding."

Sincerely,

/RA/

Raymond R. McKinley, Chief
Plant Support Branch
Division of Reactor Safety

Docket Numbers: 50-247 and 50-286
License Numbers: DPR-26 and DPR-64

Enclosure:
Inspection Report 05000247/2018501
and 05000286/2018501

cc w/encl: Distribution via ListServ
S. O'Neill, RAC Chair, FEMA Region II

SUBJECT: INDIAN POINT NUCLEAR GENERATING – EVALUATED EMERGENCY
 PREPAREDNESS EXERCISE INSPECTION REPORT 05000247/2018501 AND
 05000286/2018501 DATED OCTOBER 11, 2018

DISTRIBUTION: (via email)

DLew, RA (R1ORAMAIL Resource)
 RLorson, DRA (R1ORAMAIL Resource)
 DPelton, DRP (R1DRPMAIL Resource)
 PKrohn, DRP (R1DRPMAIL Resource)
 JYerokun, DRS (R1DRSMAIL Resource)
 BWellington, DRS (R1DRSMAIL Resource)
 DSchroeder, DRP
 TSetzer, DRP
 MHenrion, DRP
 MRossi, DRP
 BHaagensen, SRI
 JVazquez, DRP
 DHochmuth, AA
 CCook, RI OEDO
 RidsNrrPMIndianPoint Resource
 RidsNrrDorlLpl1 Resource
 ROPReports Resource

DOCUMENT NAME: G:\DRS\Plant Support Branch 1\EP INSPECTIONS\BASELINE\2018\IPEC EP EX 18\2018 IPEC EP Exercise Report.docx
 ADAMS ACCESSION NUMBER: **ML18285A041**

<input checked="" type="checkbox"/> SUNSI Review		<input checked="" type="checkbox"/> Non-Sensitive <input type="checkbox"/> Sensitive		<input checked="" type="checkbox"/> Publicly Available <input type="checkbox"/> Non-Publicly Available	
OFFICE	RI/DRS	RI/DRS			
NAME	JAmbrosini/JDeBoer for	RMckinley			
DATE	10/11/18	10/11/18			

OFFICIAL RECORD COPY

**U.S. NUCLEAR REGULATORY COMMISSION
Inspection Report**

Docket Numbers: 50-247 and 50-286

License Numbers: DPR-26 and DPR-64

Report Numbers: 05000247/2018501 and 05000286/2018501

Enterprise Identifier: I-2018-501-0036

Licensee: Entergy Nuclear Northeast (Entergy)

Facility: Indian Point Nuclear Generating, Units 2 and 3

Location: 450 Broadway, General Services Building
Buchanan, NY 10511-0249

Inspection Dates: September 24 – September 27, 2018

Inspectors: J. Ambrosini, Senior Emergency Preparedness Inspector, Division of Reactor
Safety (DRS)
J. DeBoer, Emergency Preparedness Inspector, DRS
B. Haagenen, Senior Resident Inspector, Division of Reactor Projects (DRP)
L. McKown, Resident Inspector, DRP
P. Ott, Operations Engineer, DRS

Approved By: Raymond R. McKinley, Chief
Plant Support Branch
Division of Reactor Safety

SUMMARY

The U.S. Nuclear Regulatory Commission (NRC) continued monitoring Entergy's performance at Indian Point Nuclear Generating, Units 2 and 3, by conducting an evaluated emergency preparedness exercise inspection in accordance with the Reactor Oversight Process. The Reactor Oversight Process is the NRC's program for overseeing the safe operation of commercial nuclear power reactors. Refer to <https://www.nrc.gov/reactors/operating/oversight.html> for more information.

No findings or more-than-minor violations were identified.

INSPECTION SCOPE

The inspectors conducted the inspection using the appropriate portions of the inspection procedure in effect at the beginning of the inspection unless otherwise noted. Currently approved inspection procedures with their attached revision histories are located on the public website at <http://www.nrc.gov/reading-rm/doc-collections/insp-manual/inspection-procedure/index.html>. The inspectors reviewed selected procedures and records, observed activities, and interviewed personnel to assess licensee performance and compliance with Commission rules and regulations, license conditions, site procedures, and standards. The inspectors determined the following samples were complete when the inspection procedure requirements were met consistent with Inspection Manual Chapter 2515, "Light-Water Reactor Inspection Program - Operations Phase."

REACTOR SAFETY

71114.01 - Exercise Evaluation (1 sample)

The inspectors evaluated the adequacy of Entergy's conduct of the exercise and its capability to assess staff performance via a formal critique process, as required by Title 10 of the *Code of Federal Regulations* (10 CFR) 50.47(b)(14).

71114.08 - Exercise Evaluation – Scenario Review (1 sample)

The inspectors reviewed and evaluated the proposed scenario for biennial emergency plan exercise on August 24.

71151 - Performance Indicator Verification (3 samples)

The inspectors verified licensee performance indicator submittals listed below for the period from April 2017 through June 2018.

- (1) Drill and Exercise Performance
- (2) Emergency Response Organization Drill Participation
- (3) Alert and Notification System

EXIT MEETINGS AND DEBRIEFS

The inspectors verified no proprietary information was retained or documented in this report. On September 27, the inspectors presented the inspection results to Mr. John Ferrick, General Manager of Plant Operations, and other members of the Indian Point staff.

DOCUMENTS REVIEWED**71114.01: Exercise Evaluation**

Indian Point Emergency Preparedness Plan
 Indian Point Emergency Preparedness Plan Implementing Procedures
 Indian Point September 25, 2018 Evaluated Exercise Scenario Package
 Indian Point Drill Reports 2016-2018

Condition Reports

CR-IP2-2018-05350	CR-IP2-2018-05356	CR-IP2-2018-05370
CR-IP2-2018-05351	CR-IP2-2018-05357	CR-IP2-2018-05371
CR-IP2-2018-05352	CR-IP2-2018-05358	CR-IP2-2018-05373
CR-IP2-2018-05353	CR-IP2-2018-05363	CR-IP2-2018-05374
CR-IP2-2018-05354	CR-IP2-2018-05365	CR-HQN-2018-02125
CR-IP2-2018-05355	CR-IP2-2018-05369	

71114.08: Exercise Evaluation – Scenario Review

Indian Point Emergency Preparedness Plan
 Indian Point Emergency Preparedness Plan Implementing Procedures
 Indian Point September 25, 2018 Evaluated Exercise Scenario Package
 Indian Point Drill Reports 2016-2018

71151: Performance Indicator (PI) Verification

DEP PI data, April 2017 – June 2018
 ERO Drill Participation PI data, April 2017 – June 2018
 ANS Reliability PI data, April 2017 – June 2018