



UNITED STATES
NUCLEAR REGULATORY COMMISSION

REGION I
2100 RENAISSANCE BOULEVARD, SUITE 100
KING OF PRUSSIA, PENNSYLVANIA 19406-2713

September 30, 2013

Mr. Lawrence Coyle
Site Vice President
Entergy Nuclear Northeast
James A. FitzPatrick Nuclear Power Plant
P. O. Box 110
Lycoming, NY 13093

SUBJECT: JAMES A. FITZPATRICK NUCLEAR POWER PLANT – NRC EVALUATED
EMERGENCY PREPAREDNESS EXERCISE – INSPECTION REPORT NO.
05000333/2013503

Dear Mr. Coyle:

On August 16, 2013, the U.S. Nuclear Regulatory Commission (NRC) completed an inspection of the August 14, 2013, evaluated emergency preparedness exercise at your James A. FitzPatrick Nuclear Power Plant. The enclosed inspection report documents the inspection results, which were discussed on August 16, 2013, with Mr. B. Sullivan, General Manager, Plant Operations, and other members of the Entergy staff.

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 selected procedures and records, observed activities, and interviewed personnel.

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

In accordance with Title 10 of the *Code of Federal Regulation* (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 the NRC's document system, Agencywide Documents Access and Management 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/

Anthony Dimitriadis, Chief
Plant Support Branch 1
Division of Reactor Safety

Docket No. 50-333
License No. DPR-59

L. Coyle

2

Enclosure:

NRC Inspection Report No. 05000333/2013503

cc w/encl: Distribution via ListServ

R. Thompson, RAC Chair, DHS/FEMA, Region II

Mr. Lawrence Coyle
 Site Vice President
 Entergy Nuclear Northeast
 James A. FitzPatrick Nuclear Power Plant
 P. O. Box 110
 Lycoming, NY 13093

SUBJECT: JAMES A. FITZPATRICK NUCLEAR POWER PLANT – NRC EVALUATED
 EMERGENCY PREPAREDNESS EXERCISE – INSPECTION REPORT NO.
 05000333/2013503

Dear Mr. Coyle:

On August 16, 2013, the U.S. Nuclear Regulatory Commission (NRC) completed an inspection of the August 14, 2013, evaluated emergency preparedness exercise at your James A. FitzPatrick Nuclear Power Plant. The enclosed inspection report documents the inspection results, which were discussed on August 16, 2013, with Mr. B. Sullivan, General Manager, Plant Operations, and other members of the Entergy staff.

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 selected procedures and records, observed activities, and interviewed personnel.

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

In accordance with Title 10 of the *Code of Federal Regulation* (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 the NRC’s document system, Agencywide Documents Access and Management 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/

Anthony Dimitriadis, Chief
 Plant Support Branch 1
 Division of Reactor Safety

Docket No. 50-333
 License No. DPR-59

Distribution: See Next Page

DOCUMENT NAME: G:\DRS\Plant Support Branch 1\Barr\EP Ex13 Fitz\Fitz EP EX 2013 Report.docx ADAMS ACCESSION NUMBER: ML13273A330

<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/DRP	RI/DRS		
NAME	SBarr/SB	ABurritt/AB	ADimitriadis/AD		
DATE	09/25/2013	09/25/2013	09/30/2013		

OFFICIAL RECORD COPY

L. Coyle

3

Distribution w/encl: (via E-mail)

W. Dean, RA

D. Lew, DRA

D. Roberts, DRP

M. Scott, DRP

R. Lorson, DRS

J. Trapp, DRS

A. Burritt, DRP

T. Setzer, DRP

S. McCarver, DRP

L. McKown, DRP

J. Petch, DRP

E. Knutson, DRP, SRI

B. SieneI, DRP, RI

S. Barr, DRS

A. Dimitriadis, DRS

R. Kahler, NSIR/EPD

S. LaVie, NSIR/EPD

D. Rich, RI OEDO

RidsNrrPMVermontYankee Resource

RidsNrrDorLI1-1 Resource

[ROPreports Resource](#)

U.S. NUCLEAR REGULATORY COMMISSION

REGION I

Docket No: 50-333

License No: DPR-59

Report No: 05000333/2013503

Licensee: Entergy Nuclear Northeast (Entergy)

Facility: James A. FitzPatrick Nuclear Power Plant

Location: Scriba, NY

Dates: August 12-16, 2013

Inspectors: S. Barr, Sr. Emergency Preparedness Inspector, DRS, Region I (Lead)
K. Kolaczyk, Senior Resident Inspector, DRP, Region I
E. Burket, Emergency Preparedness Inspector, DRS, Region I
B. Sienel, Resident Inspector, DRP, Region I

Approved By: Anthony Dimitriadis, Chief
Plant Support Branch 1
Division of Reactor Safety

SUMMARY OF FINDINGS

IR 05000333/2013503; 8/12/2013-8/16/2013; James A. FitzPatrick Nuclear Power Plant; Exercise Evaluation; Exercise Evaluation – Scenario Review; Performance Indicator Verification.

This was an announced inspection conducted by two Region I-based inspectors and two resident inspectors. No findings were identified during the inspection. The NRC's program for overseeing the safe operation of commercial nuclear power reactors is described in NUREG-1649, "Reactor Oversight Process," Revision 4, dated December 2006.

Cornerstone: Emergency Preparedness

A. NRC-Identified and Self-Revealing Findings

No findings 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

On August 14, 2013, Entergy conducted a James A. FitzPatrick Nuclear Power Plant (FitzPatrick) biennial emergency preparedness exercise. The NRC inspectors evaluated the adequacy of the licensee's conduct of the exercise and its capability to assess the Entergy staff performance via a formal critique process, as required by Title 10 of the *Code of Federal Regulations* (10 CFR) 50.47(b) (14). This overall exercise inspection activity represented the completion of one sample on a biennial cycle.

The exercise evaluation consisted of the following review and assessment:

- The adequacy of Entergy's performance in the biennial full-participation exercise regarding the implementation of the planning standards described in 10 CFR 50.47(b) (4), (5), (9), and (10), which are: emergency classification; offsite notification; radiological assessment; and, onsite protective actions and public protective action recommendations, respectively.
- The overall adequacy of Entergy's emergency response facilities with regard to FitzPatrick Emergency Plan commitments. The facilities assessed were the Control Room Simulator, the Technical Support Center (TSC), and the Emergency Operations Facility (EOF).
- A review of other performance areas, such as: the licensee emergency response organization's (ERO) recognition of abnormal plant conditions; command and control; intra- and inter-facility communications; prioritization of mitigating activities; utilization of repair and field monitoring teams; interface with offsite agencies; staffing and procedure adequacy; and, the overall implementation of the FitzPatrick Emergency Plan and its implementing procedures.
- A review of past performance issues from the last NRC FitzPatrick exercise inspection report and Entergy's EP drill reports, to determine the effectiveness of licensee corrective actions as demonstrated during the August 14, 2013, exercise and to ensure compliance with 10 CFR 50.47(b)(14).
- The licensee's post-exercise critiques, to evaluate Entergy's self-assessment of its ERO performance during the August 14, 2013, exercise and to ensure compliance with 10 CFR Part 50, Appendix E, Section IV.F.2.g.

The inspectors reviewed the documents listed in the attachment to this report.

Enclosure

b. Findings

No findings were identified.

1EP8 Exercise Evaluation – Scenario Review (71114.08 – 1 Sample)

a. Inspection Scope

Prior to the August 14, 2013, emergency preparedness exercise, the NRC inspectors conducted an in-office review of the exercise objectives and scenario, which Entergy had submitted to the NRC, to determine if the exercise would test major elements of the James A. FitzPatrick Nuclear Power Plant Emergency Plan as required by 10 CFR 50.47(b) (14). This overall exercise inspection activity represented the completion of one sample on a biennial cycle.

The inspectors reviewed the documents listed in the attachment to this report.

b. Findings

No findings were identified.

4. OTHER ACTIVITIES (OA)

4OA1 Performance Indicator Verification (71151 – 3 Samples)

a. Inspection Scope

The inspectors reviewed data for the FitzPatrick EP Performance Indicators (PI), which are: (1) Drill and Exercise Performance (DEP); (2) ERO Drill Participation; and, (3) Alert and Notification System (ANS) Reliability. The last EP inspection at FitzPatrick was conducted in the second calendar quarter of 2012, so the inspectors reviewed supporting documentation from EP drills and tests from the second calendar quarter of 2012 through the second calendar quarter of 2013, to verify the accuracy of the reported PI data. The review of these PIs was conducted in accordance with NRC Inspection Procedure 71151, using the acceptance criteria documented in NEI 99-02, "Regulatory Assessment Performance Indicator Guidelines," Revision 6.

This inspection activity represented the completion of three samples.

b. Findings

No findings were identified.

4OA6 Meetings, including Exit

On August 16, 2013, the inspectors presented the results of this inspection to Mr. B. Sullivan, General Manager, Plant Operations, and other members of the Entergy staff. The inspectors verified that no proprietary information was retained by the inspectors or documented in this report.

ATTACHMENT

SUPPLEMENTAL INFORMATION

KEY POINTS OF CONTACT

Licensee Personnel

B. Sullivan, General Manager, Plant Operations
P. Cullinan, Emergency Planning Manager (Acting)

LIST OF ITEMS OPENED, CLOSED, AND DISCUSSED

None.

LIST OF DOCUMENTS REVIEWED

Section 1EP1: Exercise Evaluation

James A. FitzPatrick Emergency Plan, Revision 29 (Table of Contents)
James A. FitzPatrick Exercise Subject Report, dated June 10, 2013
James A. FitzPatrick Emergency Plan Implementing Procedures
James A. FitzPatrick Emergency Preparedness Drill Reports, January 2012 – July 2013
JEP-13-0026, NRC Evaluated Exercise, 8/14/13, Post-Exercise Report, Revision 1

Section 1EP8: Exercise Evaluation – Scenario Review

James A. FitzPatrick Exercise Subject Report, dated June 10, 2013

Section 4OA1: Performance Indicator (PI) Verification

EN-FAP-EP-005, Emergency Preparedness Performance Indicators, Revision 0
EN-LI-114, Performance Indicator Process, Revision 6
DEP PI data, April 2012 – June 2013
ERO Drill Participation PI data, April 2012 – June 2013
ANS Reliability PI data, April 2012 – June 2013

LIST OF ACRONYMS

ADAMS	Agencywide Documents Access and Management System
ANS	Alert Notification System
CFR	Code of Federal Regulations
DEP	Drill and Exercise Performance
EOF	Emergency Operations Facility
EP	Emergency Preparedness
ERO	Emergency Response Organization
NRC	Nuclear Regulatory Commission
PAR	Protective Action Recommendation
PI	Performance Indicator
RSPS	Risk Significant Planning Standard
TSC	Technical Support Center