

June 26, 2003

Mr. Theodore Sullivan  
Vice President - Operations  
Entergy Nuclear Northeast  
James A. FitzPatrick Nuclear Power Plant  
Post Office Box 110  
Lycoming, NY 13093

SUBJECT: JAMES A. FITZPATRICK - NRC EVALUATED EMERGENCY PREPAREDNESS  
EXERCISE INSPECTION REPORT 50-333/03-004

Dear Mr. Sullivan:

The enclosed report documents an inspection at the James A. FitzPatrick Nuclear Power Plant, which evaluated the performance of your emergency response organization during the June 3, 2003, full-participation exercise and the post-exercise critique as specified in the reactor oversight program. The inspectors discussed the findings of this inspection with you and other members of your staff on June 12, 2003.

This inspection was an examination of 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. Within these areas, the inspection consisted of a selected examination of procedures and representative records, observations of activities, and interviews with personnel.

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

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Should you have any questions regarding this report, please contact Mr. Richard J. Conte at (610) 337-5183.

Sincerely,

**/RA/**

Richard J. Conte, Chief  
Operational Safety Branch  
Division of Reactor Safety

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

Enclosures: Inspection Report No. 50-333/03-004  
Attachment 1: Supplemental Information

Mr. Theodore Sullivan

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cc w/encl:

G. Taylor, CEO, Entergy Operations

B. O'Grady, General Manager, Entergy Nuclear Operations

J. Knubel, VP Operations Support

H. Salmon, Director of Oversight

A. Halliday, Licensing Manager

M. Kansler, President, Entergy

D. Pace, VP Engineering

J. Fulton, Assistant General Counsel

S. Baxter, Supervisor, Town of Scriba

S. Lyman, Oswego County Administrator

C. Donaldson, Esquire, Assistant Attorney General, New York Department of Law

P. Eddy, Electric Division, Department of Public Service, State of New York

W. Flynn, President, New York State Energy Research  
and Development Authority

S. Lousteau, Treasury Department

T. Judson, Central New York Citizens Awareness Network  
FEMA, Region II

Mr. Theodore Sullivan

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U. S. NUCLEAR REGULATORY COMMISSION

REGION I

Docket No: 50-333

License No: DPR-59

Report No: 50-333/03-004

Licensee: Entergy Nuclear Northeast

Facility: James A. FitzPatrick Nuclear Power Plant

Location: Lake Road  
Scriba, NY

Dates: June 2 -12, 2003

Inspectors: N. McNamara, Sr. Emergency Preparedness Inspector (Lead)  
G. Hunegs, Sr. Resident Inspector, Nine Mile, DRP  
J. McFadden, Health Physicist, DRS  
G. Johnson, Operator Licensing Examiner, DRS  
M. Marshfield, Resident Inspector, Ginna

Observers: C. Colantoni, Engineer, DRS  
S. McCarver, Engineer, DRS  
J. Benjamin, Engineer, DRS

Approved by: Richard J. Conte, Chief  
Operational Safety Branch  
Division of Reactor Safety

## SUMMARY OF FINDINGS

IR 05000333/03-004; on 06/2-12/2003; James A. FitzPatrick Nuclear Power Plant. Emergency Preparedness Exercise Report.

This team inspection was conducted by regional based inspectors and a resident inspector. No findings of significance were identified. The NRC's program for overseeing the safe operation of commercial nuclear power reactors is described in NUREG-1649, "Reactor Oversight Process," Revision 3, dated July 2000.

### **Cornerstone: Emergency Preparedness**

#### **A. Inspector Identified Findings**

No findings of significance were identified.

#### **B. Licensee Identified Findings**

No findings of significance were identified.

## Report Details

### 1. REACTOR SAFETY

Cornerstone: Emergency Preparedness (EP)

#### 1EP1 Exercise Evaluation

##### a. Inspection Scope

An in-office review was conducted of Entergy Nuclear Northeast exercise objectives submitted to the NRC on February 27, 2003 and the exercise scenario submitted on March 31, 2003 to determine if the FitzPatrick exercise would test major elements of Entergy's Emergency Plan as required by 10 CFR 50.47(b)(14).

The onsite inspection consisted of the following review and assessment:

- The adequacy of Entergy's performance on the biennial full-participation exercise performance by primarily focusing on 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 Entergy's emergency response facilities and its implementation of NUREG-0696, "Functional Criteria for Emergency Response Facilities" and Emergency Plan commitments. The facilities assessed were the simulator, Technical Support Center (TSC), Operations Support Center (OSC) Emergency Operations Facility (EOF) and Joint News Center (JNC).
- Other performance areas besides the RSPS, such as, the emergency response organization's (ERO) 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, and the overall implementation of the Emergency Plan and its implementing procedures.
- Past performance issues from NRC inspection reports and Entergy's drill reports to determine effectiveness of corrective actions as demonstrated during this exercise to ensure compliance with 10CFR50.47(b)(14).
- The post-exercise critique to evaluate Entergy's self-assessment of its ERO performance during the exercise and to ensure compliance with 10CFR50 Appendix E.IV.F.2.g.

The inspectors reviewed various documentation which are listed in Attachment 1 to this report.

##### b. Findings

Enclosure

No findings of significance were identified.

**4. OTHER ACTIVITIES**

40A2 Identification and Resolution of Problems

a. Inspection Scope

The inspectors reviewed Entergy's critique findings documented in 2001, 2002 and 2003 drill and exercise reports to determine if significant performance trends exist and to determine the effectiveness of licensee corrective actions based upon ERO performance during the exercise. The inspectors verified that issues identified during this exercise were entered into Entergy's corrective action program and reviewed condition reports related to significant findings from past drill/exercise reports to assess the adequacy of the corrective actions.

b. Findings

No findings of significance were identified.

40A6 Meetings, including Exit

The inspectors presented the inspection results to Mr. Sullivan and other members of Entergy's staff at the conclusion of the inspection on June 12, 2003.

## ATTACHMENT 1

### SUPPLEMENTAL INFORMATION

#### KEY POINTS OF CONTACT

##### James A. FitzPatrick Nuclear Power Plant

B. Maguire, Director, Nuclear Safety Assurance  
N. Avrankatos, EP - Emergency Planning Coordinator  
J. Rogers, EP - Emergency Planner  
S. Chobon, EP - Technical Specialist  
R. Schilling, Nuclear Training Specialist  
T. Page, EP - Regulatory Compliance Specialist  
S. Reininghaus, Operations Training Supervisor

#### LIST OF ITEMS OPENED, CLOSED, AND DISCUSSED

##### Opened

None

##### Discussed

None

#### LIST OF DOCUMENTS REVIEWED

FitzPatrick Emergency Plan  
IAP-2, Classification of Emergency Conditions  
IAP-1.1, Offsite Notifications  
EAP-4, Dose Assessment Calculations  
EAP-5.3, Onsite/Offsite Downwind Surveys & Environmental Monitoring  
EAP-8, Personnel Accountability  
EAP-14.1, TSC Activation  
EAP-14.2, EOF Activation  
EAP-14.5, OSC Activation and Operation  
EAP-16, Public Information Procedure  
EAP-16.2, JNC Operation  
EAP-17, Emergency Organization Staffing  
EAP-42, Obtaining Meteorological Data  
EAP-44, Core Damage Estimation  
SAP-1, Maintaining Emergency Preparedness  
SAP-6, Drill/Exercise Conduct  
CR-JAF-2001-02822, JNC Director Not Conducting Pre-Briefs  
CR-JAF-2001-02823, JNC Relating to People Lacking  
CR-JAF-2001-02824, Offsite Communications Weakness  
CR-JAF-2001-02825, Pager Issues: Activation



CR-JAF-2001-02831, Weak Command and Control  
CR-JAF-2001-02833, Plant Announcements  
CR-JAF-2001-02834, Hand Calculations for Tech. Specs.  
CR-JAF-2001-02835, NRC Notification Worksheet  
CR-JAF-2001-02837, RECS Line Failure  
CR-JAF-2001-02840, JNC Difficulty with Rad Data  
CR-JAF-2001-02841, Poor E-Plan Documentation in OSC  
CR-JAF-2001-02842, Poor RP Performance in the TSC  
CR-JAF-2001-02856, Questionable Communications by County Rep at EOF  
CR-JAF-2001-02858, Lack of Operations Personnel  
CR-JAF-2001-02859, Un-Aggressive Simulator Crew  
CR-JAF-2001-04669, Poor Drill Professionalism  
CR-JAF-2001-04670, Slow OSC Team Dispatch  
CR-JAF-2002-02385, JNC Operations  
CR-JAF-2002-02387, Pager Issues: Activation  
CR-JAF-2002-02388, Lack of Notification  
CR-JAF-2002-02389, Communication Breakdown  
CR-JAF-2002-02380, Failure to Recognize PAR  
CR-JAF-2002-05144, Dose Assessment Hot Line to TSC Failure  
CR-JAF-2002-05145, EDAMS Computer in EOF Failure  
CR-JAF-2002-05147, Dose Assessment Training Needed  
CR-JAF-2002-05226, Simulator Problems  
CR-JAF-2002-05231, JNC: Additional Practice and Guidance Needed (Team 1)  
CR-JAF-2002-05234, TSC: Additional Practice and Guidance Needed (Team 1)  
CR-JAF-2002-05236, JNC: Minimum Staffing Request  
CR-JAF-2002-05237, Late Transmission of New Classification  
CR-JAF-2002-05240, Dose Assessment Methods Required  
CR-JAF-2002-05242, Pager Issues: Arming  
CR-JAF-2003-00305, Critique Issues  
CR-JAF-2003-00402, Training/Expertise Issue  
CR-JAF-2003-00423, EDAMS Cannot Do "What If"s  
CR-JAF-2003-00424, Accountability not Activated Within Thirty Minutes  
CR-JAF-2003-01610, Station Alarm Problems  
CR-JAF-2003-01611, Failure of Accountability Card Readers  
CR-JAF-2003-01613, Alarms Cannot Be Heard at Some Areas of Plant  
CR-JAF-2003-01641, OCE Print Machine in TSC Problems  
CR-JAF-2003-01816, EOF Confusion Regarding Shutdown  
CR-JAF-2003-01823, Re-Classification Announcement Not Made  
CR-JAF-2003-01827, Rad Personnel Un-qualified for Respirator  
CR-JAF-2003-01828, No Qualified RP Tech Available  
CR-JAF-2003-01829, One RP Supervisor Present in OSC  
CR-JAF-2003-01830, ALARA Not Achieved (3 Hours vs. 55 Minutes)  
CR-JAF-2003-01831, RSGM Did Not Respond in a Timely Manner to SAE  
CR-JAF-2003-01835, OSC Briefings Delayed E-Plan Procedure Times  
CR-JAF-2003-01837, Accountability  
CR-JAF-2003-01840, Accountability Did Not Meet 30 Min. Requirement  
CR-JAF-2003-01844, PAR Change Not Communicated to Offsite Facilities

## LIST OF ACRONYMS

EOF	Emergency Operations Facility
EP	Emergency Preparedness
ERO	Emergency Response Organization
RSPS	Risk Significant Planning Standard
SDP	Significant Determination Process
TSC	Technical Support Center
OSC	Operations Support Center
JNC	Joint News Center
EOF	Emergency Operations Facility
CR	Condition Report