

July 26, 2001

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

SUBJECT: NRC-EVALUATED EMERGENCY PREPAREDNESS EXERCISE -  
INSPECTION REPORT NO. 05000333/2001-008

Dear Mr. Sullivan:

The enclosed report documents an inspection related to public health and safety, led by Mr. D. Silk at Lycoming, New York. The inspection at the James A. Fitzpatrick Nuclear Power Plant evaluated the performance of your emergency response organization (ERO) during the July 19, 2001, partial-participation exercise, the post-exercise critique, and the emergency preparedness performance indicators as specified in the reactor oversight program. The inspectors discussed the findings of this inspection with you and other members of your staff on July 23, 2001, via tele-conference.

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.

No violations of NRC requirements or significant findings were identified. No response to this letter is required.

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Sincerely,

*/RA/*

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

Docket No. 05000333  
License No. DPR-59

Mr. Theodore Sullivan

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Enclosure: Inspection Report No. 05000333/2001-008

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Mr. Theodore Sullivan

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U. S. NUCLEAR REGULATORY COMMISSION

REGION I

Docket No: 05000333

License No: DPR-59

Report No: 05000333/2001-008

Licensee: Entergy Nuclear Northeast

Facility: James A. FitzPatrick Nuclear Power Plant (JAFNPP)

Dates: July 18 - 23, 2001

Inspectors: D. Silk, Senior Emergency Preparedness Specialist, DRS  
R. Rasmussen, Senior Resident Inspector, JAFNPP, DRP  
P. Kaufman, Senior Reactor Engineer, DRS  
R. Barkley, Project Engineer, DRP  
B. Fuller, Resident Inspector, Nine Mile Point Station, DRP

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

## SUMMARY OF FINDINGS

IR 50-333/2001-008, on 07/18-23/2001; Entergy, James A. FitzPatrick Nuclear Power Plant. Emergency Preparedness exercise. Performance Indicators.

This inspection was conducted by region based inspectors and the resident inspector. The significance of issues is indicated by their color (Green, White, Yellow, Red) using IMC 0609 "Significance Determination Process" (SDP). Findings for which the SDP does not apply are indicated by "No Color" or by the severity level of the applicable violation. The NRC's program for overseeing the safe operation of commercial nuclear power reactors is described at its Reactor Oversight Process website at <http://www.nrc.gov/NRR/OVERSIGHT/index.html>.

Cornerstone: Emergency Preparedness

No findings of significance were identified.

## Report Details

### 1. REACTOR SAFETY

Cornerstone: Emergency Preparedness (EP)

#### 1EP1 Exercise Evaluation

##### a. Inspection Scope

The inspectors reviewed and assessed:

- Exercise objectives and scenario to determine if the exercise would test major elements of the licensee's emergency plan as required by 10 CFR 50.47(b)(14).
- The licensee's overall exercise performance in the following emergency response facilities: simulator control room, the technical support center, the operations support center, the emergency operations facility, and the joint news center.
- The licensee's 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 (PARs), respectively.
- 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 implementing procedures.
- The post-exercise critique to evaluate the licensee's self-assessment of their ERO performance during the exercise.

Performance related to the above areas was evaluated against the licensee's emergency plan commitments and implementing procedures, as well as the planning standards of 10 CFR 50.47 (b) and the requirements of 10 CFR 50 Appendix E.

##### b. Findings

No findings of significance were identified.

#### 1EP4 Emergency Action Level and Emergency Plan Changes

##### a. Inspection Scope

The inspector conducted an in-office review of licensee submitted changes for the emergency plan-related documents listed below to determine if the changes decreased the effectiveness of the plan as stated in 10 CFR 50.54(q). A thorough review was conducted of documents related to the RSPS whereas a cursory review was conducted for non-RSPS documents. The documents that were reviewed are listed below:

##### **Emergency Plan**

Section 1 (Rev 19)  
 Section 2 (Rev 17)  
 Section 3 (Rev 9)  
 Section 4 (Rev 16)  
 Section 5 (Rev 35)  
 Section 6 (Rev 23)  
 Section 7 (Rev 22)  
 Section 8 (Rev 22)

##### **Emergency Plan Appendices**

Appendix A (Rev 22 )	Appendix I (Rev 9)
Appendix B (Rev 17 )	Appendix J (Rev 8)
Appendix D (Rev 5)	Appendix K (Rev 6)
Appendix E (Rev 5 )	Appendix L (Rev 11)
Appendix F (Rev 11)	Appendix N (Rev 12)
Appendix H (Rev 25)	

##### **Implementing Procedures**

EAP 8 (Rev 52)  
 EAP 11 (Rev 16)  
 EAP 19 (Rev 21)  
 SAP-21 (Rev 1)

##### b. Findings

No findings of significance were identified.

#### **4. OTHER ACTIVITIES**

##### 4OA1 Performance Indicator Verification

##### a. Inspection Scope

The inspectors reviewed the licensee's process for identifying the data that is utilized to determine the values for the three EP performance indicators (PIs):

- Drill and Exercise Performance (DEP)
- ERO Drill Participation, and
- Alert and Notification System Reliability.

Since the EP PIs were last reviewed during an inspection in January 2001, this review assessed data and records from that time which included results from the first and second quarters of 2001. Licensee data was assessed against the guidance in NEI 99-02 Revision 1, Regulatory Assessment Performance Indicator Guide.

b. Findings

No findings of significance were identified.

40A2 Identification and Resolution of Problems

a. Inspection Scope

In order to verify compliance with 10CFR50 Appendix E, Section IV.F.2.g (licensees shall identify and correct weaknesses or deficiencies), the inspectors reviewed licensee findings (EP drill reports) in 2001 and past NRC inspection reports to determine if significant performance trends exist and to determine the effectiveness of licensee corrective actions based upon ERO performance during the exercise. Also, the inspectors verified that the most significant issues identified during this exercise were captured in the licensee's Deficiency Event Reports (DERs). Those DERs are listed as follows:

DER Number and Priority (A, B, C, or D):

01-02856 (B)	01-02827 (B)	01-02834 (B)
01-02857 (B)	01-02829 (B)	01-02835 (B)
01-02821 (B)	01-02830 (B)	01-02836 (B)
01-02822 (B)	01-02831 (B)	01-02837 (B)
01-02840 (B)	01-02859 (B)	01-02819 (C)
01-02841 (B)	01-02842 (B)	01-02824 (C)
01-02858 (B)	01-02833 (B)	01-02826 (C)
01-02825 (B)		

b. Findings

No findings of significance were identified.

40A6 Exit Meeting

The inspectors presented the inspection results to Mr. T. Sullivan, and other members of the licensee's staff at the conclusion of the inspection on July 23, 2001, via tele-conference.



KEY POINTS OF CONTACT

Licensee

N. Avrakotos, Emergency Preparedness Coordinator  
M. Colomb, Site Vice President  
R. Schilling, Training  
T. Sullivan, Vice President, Operations  
K. Szeluga, Assistant Emergency Preparedness Coordinator  
A. Zaremba, Director, Safety Assurance

LIST OF ITEMS OPENED, CLOSED, AND DISCUSSED

Opened

None

Closed

None

Discussed

None

LIST OF ACRONYMS USED

DEP	Drill and Exercise Performance
DER	Deficiency Event Report
EP	Emergency Preparedness
ERO	Emergency Response Organization
PAR	Protective Action Recommendation
PI	Performance Indicator
RSPS	Risk-Significant Planning Standards