

ENTERGY NUCLEAR NORTHEAST
JAMES A. FITZPATRICK NUCLEAR POWER PLANT
P.O. BOX 110, LYCOMING, NY 13093
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FROM: CATHY IZYK - EMERGENCY PLANNING DEPARTMENT

SUBJECT: EMERGENCY PLAN AND IMPLEMENTING PROCEDURES

Enclosed are revisions to your assigned copy of the JAFNPP Emergency Plan and Implementing Procedures. Please remove and **DISCARD** the old pages. Insert the attached, initial and date this routing sheet and return the completed routing sheet to **Cathy Izyk in the Emergency Planning Department within 15 days**. If this transmittal is not returned within 15 days, your name will be removed from the controlled list.

**THESE PROCEDURES ARE EFFECTIVE
OCTOBER 24, 2007**

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EMERGENCY PLAN / VOLUME 1
UPDATE LIST

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Date of Issue: October 24, 2007

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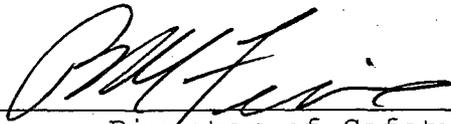
ENTERGY NUCLEAR OPERATIONS, INC.
JAMES A. FITZPATRICK NUCLEAR POWER PLANT

EMERGENCY PLAN VOLUME 1

PROCEDURE NO: SECTION 8

TITLE: MAINTAINING EMERGENCY PREPAREDNESS

APPROVED BY:

 Brian Finn
Director of Safety Assurance

APPROVED BY:

 P. Cullinan
Emergency Planning Manager

EFFECTIVE DATE:

October 24, 2007

PERIODIC REVIEW DUE DATE:

October 2008

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8.0 MAINTAINING EMERGENCY PREPAREDNESS

Emergency preparedness is maintained at the JAFNPP through administrative controls designed to; (1) train and periodically retrain ENTERGY personnel, and offsite emergency organization personnel, (2) evaluate onsite and offsite proficiency and provide hands on experience through drills and exercises, (3) ensure that plans and implementing procedures are in place and current through document control procedures, (4) maintain sufficient stores of functional emergency equipment and supplies through equipment inventory procedures, (5) and maintain public and news media awareness of emergency preparedness through annual information updates and meetings with members of the media.

8.1 **Responsibility for Maintaining Emergency Preparedness**

The General Manager Plant Operations (GMPO) has overall authority and responsibility for radiological emergency response planning. The Emergency Planning Manager is delegated the overall authority and responsibility for radiological emergency response planning and has the responsibility for developing and updating emergency plans and implementing procedures.

Primary duties of the Emergency Planning Manager or Emergency Planners include coordination of training with the Training Manager for JAF personnel and with offsite organizations, scheduling and coordination of drills and exercises, maintenance of plans and implementing procedures, and maintenance and inventory of emergency equipment. The Emergency Planning Manager usually delegates the responsibilities for maintenance and inventory of emergency equipment to the Emergency Planners.

The JAFNPP Training Manager is responsible for ensuring that all personnel who have emergency plan duties at the JAFNPP receive the appropriate emergency preparedness training.

The Training Manager shall coordinate the scheduling of training of onsite personnel and provide for the training of all offsite fire support personnel.

The Communications Manager shall be responsible for coordinating, scheduling and administrating news organization training.

The Oswego County Director of Emergency Management is responsible for planning and conducting emergency preparedness training for emergency response personnel in Oswego County.

The Emergency Programs Director is responsible for ensuring that corporate personnel who have emergency plan duties supporting JAFNPP receive the appropriate emergency preparedness training.

Individuals responsible for Emergency Planning are trained in accordance with paragraphs 8.2 and 8.4. In addition, the Emergency Planning Staff receives training by: attendance at Emergency Planning Workshops conducted with other utilities and attendance at NRC, FEMA and other government sponsored Emergency Planning seminars and, participation in JAFNPP specific training programs related to emergency preparedness.

8.2 **Training of Emergency Personnel**

Plant personnel, participating corporate personnel, and offsite response organization personnel that respond to onsite requests for assistance receive emergency response training in accordance with their roles in an emergency.

The JAFNPP Training Department shall maintain a centralized records program concerning Emergency Plan Training Documentation. Records will include classroom training for plant personnel, and records documenting drills and exercise participation.

The following curriculum shall be completed by individuals on the Authorized Access List.

- a. Overview of the Emergency Plan, include planning objectives, emergency organizations and facilities, the existence of coordinated procedures and the ability of the Emergency Response Organization (ERO) to mitigate the consequences of emergencies.
- b. Site alarms and general responses.

- c. Onsite and offsite evacuation routes, assembly areas, and decontamination of personnel and vehicles.
- d. Reporting of fires, injuries, spills and other emergency conditions.
- e. Accountability procedures.
- f. Emergency classifications.
- g. Rumor control.

Personnel assigned to the JAFNPP with specific emergency preparedness duties and responsibilities shall receive specialized training for their respective assignments. The types of training given in conjunction with Emergency Preparedness are:

- a. Training for directors, coordinators, and personnel responsible for accident assessment
- b. Emergency Communications training
- c. Training for Radiological Monitoring Teams and Radiological Assessment personnel
- d. Emergency access control, evacuation and accountability
- e. Search and rescue/first aid response
- f. Emergency repair/corrective actions
- g. Training for onsite fire fighting personnel
- h. Medical support personnel
- i. Offsite fire fighting personnel
- j. Severe Accident Management training

Figure 8.1 presents a summary of the emergency response training program including type of training, personnel receiving training, frequency of training and retraining, applicable procedures, and objectives of the training. Details of the emergency planning training program can be found in Training Procedure TP-4.05, EMERGENCY RESPONSE TRAINING and SAP-20, Emergency Plan Assignments.

Training will include classroom training and where applicable practical training.

8.2.1 Annual Review of Emergency Action Levels

The Emergency Planning Manager, in accordance with 10 CFR 50, shall conduct an annual review of the JAFNPP Emergency Action Levels (or changes to those EALs from the prior review cycle) with appropriate representatives of New York State and Oswego County. Reviews will be documented by memorandum.

8.3 Emergency Planning Staff Training

Emergency Planning Staff Members receive on-going training and experiences to maintain or improve their knowledge related to emergency planning. At least once each calendar year members of the Emergency Preparedness staff are involved in one of the following activities:

- Training courses specific to emergency preparedness.
- Training courses related to emergency preparedness management, such as problem solving, stress management or confrontation/media relations; courses.
- Observation of or participation in drills and/or exercises at other utilities or stations.
- Participation in industry review and evaluation programs.
- Participation in regional or national emergency preparedness seminars, committees, workshops or forums.
- JAF training courses in related areas, such as systems, operations, or radiological protection training.

8.4 Drills and Exercises

An exercise is an event that tests the integrated capability and a major portion of the basic elements existing within emergency preparedness plans and organizations.

Drills and exercises provide the means to evaluate training effectiveness under simulated emergency conditions, skills developed during training, reinforce correct actions and identify and correct short-comings in training, equipment, or procedures.

8.4.1 Drills

A drill is a supervised instruction period aimed at testing, developing and maintaining skills in a particular operation. A drill is often a component of an exercise. A drill may also be tabletop supervised instruction or role-playing.

The Emergency Planning Manager is responsible for the conduct of drills listed in Figure 8.2 (except for Fire Fighting drills which are the responsibility of the Training Manager).

Drills shall be conducted using the following guidelines:

- a. Drills are planned in advance using formal scenarios (except communications drills which may be performed by a single individual).
- b. Observers/evaluators, and/or controllers are designated and briefed in advance, as required.
- c. Drill critiques are conducted and the results of the critique along with observer, evaluator, controller and participant comments are utilized to evaluate and resolve any identified shortcomings.
- d. Major elements of the JAFNPP Emergency Plan are tested within a five-year period.
- e. At least once per six-year period an exercise starts between 6:00 p.m. and 4:00 a.m.
- f. Exercises are conducted under various weather conditions.

8.4.2 Exercises

The Emergency Planning Manager is responsible for the coordination and conduct of exercises. Exercises are conducted at least once every two years in accordance with NRC and FEMA rules. Detailed guidance for the conduct of exercises is contained in procedure SAP-1, MAINTAINING EMERGENCY PREPAREDNESS. In summary the following criteria apply to exercises conducted at JAFNPP.

Exercises will be conducted using the same criteria as applied to drills and in accordance with the Figure 8.2 Schedule of Drill Performance as summarized below:

- a. The JAFNPP Exercise should include simulated off-site radiological releases.
- b. Federal, State, and company observers/evaluators may be present.
- c. Exercises are planned in advance using formal scenarios.
- d. Scenarios shall be reviewed and approved in advance by the Emergency Planning Manager and a representative from the Onsite Safety Review Committee or senior management reviewer. The reviewer should have plant experience and have participated in an SRO training program or have a current SRO license.
- e. Observers, evaluators and controllers are designated and briefed in advance.
- f. Unannounced exercises are controlled through input of initiating events by controllers.
- g. Observers, evaluators, controllers and participants comments form the exercise documentation package.
- h. The NRC/FEMA critique is factored into the exercise documentation package (when applicable).

- i. The exercise documentation package is used as a basis to evaluate shortcomings and develop a plan to correct deficiencies through additional training or equipment or procedure revision.

8.4.3 Drill and Exercise Scenario Preparation Responsibilities

The development of drills and exercises for JAFNPP shall be coordinated by the JAFNPP Emergency Planning Manager. The JAFNPP Training Manager shall have the responsibility for developing plant specific data. The JAFNPP Emergency Planning Manager shall have the responsibility for ensuring plant specific radiological data is provided. Exercise Scenario preparation shall be conducted by a committee and documented by the Emergency Planning Manager. Drill or tabletop drill scenarios can be developed by a single individual. Committee members are responsible for comments regarding scenarios under preparation.

8.5 Document Maintenance

8.5.1 Plans and Procedures

The JAFNPP Emergency Plan and Procedures will be maintained in the format and by the method specified in JAFNPP Administrative Procedure AP-02.03, EMERGENCY PREPAREDNESS. This procedure delineates the following:

- a. Responsibilities (for Emergency Plan Maintenance),
- b. Format,
- c. Review and approval.

This procedure documents that review and updating of the JAFNPP Emergency Plan and Implementing Procedures are primarily the responsibility of the Emergency Planning Manager). The Plan shall be updated periodically, based on recommendations resulting from exercises, drills, changes in operating procedures or conditions, or changes in regulatory or other requirements.

Technical Support Guidelines for Severe Accident Management are free form reference guides that do not have the same format, review and approval as listed above.

8.5.2 Letters of Agreement

The Emergency Planning Manager will ensure that letters of agreement from all participating organizations are reviewed and recertified. Recertification may include a written recertification, purchase order documentation, memo form, or a memo of a telephone conversation. The General Manager of Plant Operations (GMPO) JAF is the individual with the authority and responsibility to make agreements with utility and non-utility organizations.

8.5.3 Reviews

An independent review of the JAFNPP Emergency Preparedness Program shall be conducted by the Emergency Quality Assurance Department. The independent review shall be conducted in accordance with 10CFR50.54(t) as follows:

- At intervals not to exceed 12 months **or**,
- As necessary, based on an assessment by the licensee against performance indicators, and as soon as reasonably practicable after a change occurs in personnel, procedures, equipment, or facilities that potentially could adversely affect emergency preparedness, but no longer than 12 months after the change. In any case, all elements of the emergency preparedness program must be reviewed at least once every 24 months.

8.5.3.1 The review must include an evaluation for adequacy of interfaces with State and local governments and of licensee drills, exercises, capabilities, and procedures. The results of the review, along with recommendations for improvements, must be documented, reported to the licensee's corporate and plant management. The part of the review involving the evaluation for adequacy of interface with State and local governments must be available to the appropriate State and local government.

8.5.4 Supporting Documents

A list of supporting documents is contained in Appendix J, SUPPORTING DOCUMENTS. Documents on this list will be maintained in the manner specified by the agency the supporting document is received from.

8.6 Maintenance and Inventory of Emergency Equipment and Supplies

Periodic testing, calibration and inventory of emergency equipment and supplies is conducted in accordance with Emergency Plan Implementing Procedure SAP-2, EMERGENCY EQUIPMENT INVENTORY. The Emergency Planning Manager or designated alternate shall conduct an annual review of this procedure to ensure the operational readiness of emergency equipment and supplies.

Emergency equipment and instrumentation shall be inventoried, inspected and operationally checked monthly, quarterly, or semiannually as indicated by the procedure and after each use. Sufficient reserves of equipment and instrumentation are stocked to replace emergency equipment and instrumentation removed from service for calibration and/or repair.

Appendix I, EMERGENCY EQUIPMENT KITS presents a list of emergency equipment and instrumentation and emergency equipment kits.

Records detailing the testing, calibration and inventory of emergency equipment and supplies shall be maintained for two years.

Communications checks and drills will be conducted in accordance with SAP-3, EMERGENCY COMMUNICATIONS TESTING. This procedure specifies that certain emergency telephones and telephone numbers shall be verified at least quarterly.

8.7 Maintenance of Public and News Media Awareness

8.7.1 Public Awareness

ENTERGY, in conjunction with the Nine Mile Point Site, New York State EMO, and the Oswego County EMO, has established an information program for the permanent residents and transient population within the Plume Exposure EPZ. The information provided emphasizes the means of notification and subsequent actions to be taken in the event of an emergency at the JAFNPP (or NMPNPS), and includes information on contacts for additional information and protective measures. Refer to Appendix H, PUBLIC INFORMATION PROGRAM for detailed information.

Information is distributed to permanent residents by various methods, including mailings to their residence or placement in local telephone books. Postings in public areas and places of business frequented by the transient population is the principal method for informing those individuals.

Public postings are updated as necessary and public distribution shall be conducted at least annually, or a frequency to coincide with telephone book distribution.

8.7.2 Residents Who May Require Special Care

Information for residents who may require special care (e.g. handicapped, elderly) is included with the annual mailing sent to the resident population. Along with this information is a card that is requested to be returned if an individual requires special care. A list of these individuals is maintained by the OCEMO for their use.

8.7.3 Rumor Control

Rumor control is conducted by a telephone answering system that may include both mechanical or electronic devices as well as operators for the answering of calls from the public.

8.7.4 News Media Awareness

News media awareness is completed by meeting with representatives annually in conjunction with Oswego County, Nine Mile Point, and New York State, or other means, as necessary. These meetings provide information concerning radiation, emergency planning, and the means established for the release of information to the news media during an emergency. In addition, media manuals are distributed to media organizations, as necessary.

8.8 Figures, Forms and Attachments

Figure 8-1 Emergency Response Training

Figure 8-2 Schedule of Drill Performance

FIGURE 8.1
EMERGENCY RESPONSE TRAINING

| <u>TITLE/FUNCTION</u> | <u>ASSIGNED PERSONNEL</u> | <u>FREQUENCY</u> | <u>TRAINING OBJECTIVE</u> |
|--|--|--|---|
| Emergency Plan Indoctrination for Non-Essential Personnel | Personnel requiring regular access to the site. | Per General Employee Training, TP-4.01, Requirements | Ensure Ability to: a. Report emergency conditions correctly and expeditiously. b. Recognize and recall the significance of site alarms. c. Evacuate affected areas and the site. d. Locate and assemble in designated assembly areas. e. Facilitate personnel accountability process. f. Rumor Control. g. Overview of JAFNPP Emergency Plan. |
| Emergency Plan Indoctrination for Essential Personnel | Essential personnel who may be assigned to specific response functions in JAFNPP Emergency Plan. | Before assuming position, annually thereafter. | The objective of Emergency Plan Indoctrination for Essential Personnel shall be to provide Emergency Response Personnel a more detailed knowledge of the plant Emergency Plan and Procedures to ensure these personnel are familiar with their scope, applicability, and implementation. |

FIGURE 8.1
EMERGENCY RESPONSE TRAINING
(continued)

| <u>TITLE/FUNCTION</u> | <u>ASSIGNED PERSONNEL</u> | <u>FREQUENCY</u> | <u>TRAINING OBJECTIVE</u> |
|--|---|---|---|
| Emergency Plan Training for directors, coordinators, and personnel responsible for accident assessment | Designated Primary and Alternates a. Emergency Director b. Emergency Plant Manager c. Emergency Director Aide d. EOF Manager e. Operations Coordinator* f. TSC Manager g. Technical Coordinator h. Offsite Liaisons | Before assuming position Annually thereafter | The objective of training for Emergency Directors/Coordinators shall be to ensure the capability for immediate response, assessment and the implementation of measures to prevent or mitigate the consequences of emergencies through effective management of the Emergency Organization. |
| *Licensed Operator training may be substituted for Emergency Director training. | | | |
| Emergency Plan Training for Licensed Operators and Shift Technical Advisors | Any personnel not listed above who are assigned to a position that requires a valid USNRC Operator License, or who are designated as STAs. | Before assuming position Annually thereafter | The objective of Emergency Plan training for Licensed Operators and STAs shall be to ensure the capability for immediate response, assessment, and the implementation of measures to prevent or mitigate the consequences of emergencies. |

FIGURE 8.1
EMERGENCY RESPONSE TRAINING
(continued)

| <u>TITLE/FUNCTION</u> | <u>ASSIGNED PERSONNEL</u> | <u>FREQUENCY</u> | <u>TRAINING OBJECTIVE</u> |
|--|---|---|---|
| Severe Accident Management Training | Designated Staff | Before assuming position Once every two years thereafter training or drill | The objective of SAM training shall be to ensure the capabilities for coordination, and assumption of responsibilities of actions associated with Severe Accident Operations Guidelines. |
| Emergency Plan Training for Non-Licensed Operators | Non-Licensed Operators | Before assuming position Annually thereafter | The objective of Emergency Plan training for Non-Licensed Operators shall be to ensure the capability for immediate response by conducting measures to prevent or mitigate accident conditions. |
| Emergency Communications | Designated Primary and Alternates: a. Communications and Record Coordinator b. RECS Communicator c. NRC Communicator d. TSC Communicators e. EOF Communicators | Before assuming position Annually thereafter | The objective of training for emergency communicators shall be to develop and maintain a group of Emergency Communicators qualified to operate emergency communication systems and effectively transmit emergency information and data to the applicable personnel and/or agencies. |

FIGURE 8.1
EMERGENCY RESPONSE TRAINING
(continued)

| <u>TITLE/FUNCTION</u> | <u>ASSIGNED PERSONNEL</u> | <u>FREQUENCY</u> | <u>TRAINING OBJECTIVE</u> |
|-------------------------|--------------------------------------|--------------------------|--|
| Radiological Assessment | Designated Primary and Alternates: | Before assuming position | The objective of training for radiological assessment personnel shall be to develop and maintain a group of personnel qualified to assess real or potential radiological hazards during emergencies in order to provide the Emergency Director with the necessary information and advice to make offsite protective action recommendations and mitigate radiological consequences. |
| | a. Rad. Support Coord. (TSC & EOF) | Annually thereafter | |
| | b. Chemistry Supervisor | | |
| | c. Dose Assessment Coordinator (EOF) | | |
| | d. Rad. Data Coordinator (EOF) | | |
| | e. Rad. Engineer (TSC & EOF) | | |
| | f. Rad Engineer Support (EOF) | | |

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 FIGURE 8.1
 EMERGENCY RESPONSE TRAINING
 (continued)

| <u>TITLE/FUNCTION</u> | <u>ASSIGNED PERSONNEL</u> | <u>FREQUENCY</u> | <u>TRAINING OBJECTIVE</u> |
|--|---|---|--|
| Radiological Controls and Surveys during Emergencies | Designated Primary and Alternates: a) Radio Dispatcher (TSC) b) In-Plant Radiological Controls and Downwind Survey Teams c) In-Plant Dispatcher d) RP Technicians e) Chemistry Technicians f) Rad Protection Supervisor | Before assuming position Annually thereafter | The objective of training for radiological controls personnel shall be to develop and maintain a group of personnel qualified to measure real or assess potential radiological conditions during emergencies in order to provide radiological assessment personnel with the necessary information to assess or project radiological hazards both on and offsite. |
| EOF Radio Operators. | Radio Operator (EOF) | Before Assuming Position Annually thereafter | The objective of the training for EOF Radio Operators shall be to develop and maintain a group of personnel to communicate with downwind survey teams during emergencies, such that information and direction may be relayed to the team and data gathered from the team. |

FIG. 8.1
EMERGENCY RESPONSE TRAINING
(continued)

| <u>TITLE/FUNCTION</u> | <u>ASSIGNED PERSONNEL</u> | <u>FREQUENCY</u> | <u>TRAINING OBJECTIVE</u> |
|---|--|---|--|
| Emergency Access Control, Evacuation and Accountability | Designated Primary and Alternates a. Plant Security Force b. Emergency Security Coordinator c. Security Shift Supervisor d. Nuclear Security Guards. | Before assuming position Annually thereafter | The objective of training in Emergency Access Control/ Evacuation and Accountability is to develop and maintain the station security force's ability to maintain personnel accountability, and ensure effective coordination of personnel movements, onsite, and during an emergency. |
| Search and Rescue/First Aid Response | Plant Fire Brigade members. | Before assuming position Annually thereafter | The objective of training fire brigade members in Search and Rescue/First Aid Response is to assure that prompt medical attention is provided to contaminated, injured or ill personnel and to provide effective search and rescue capabilities for missing, trapped or injured personnel in an emergency situation. |

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 FIGURE 8.1
 EMERGENCY RESPONSE TRAINING
 (continued)

| <u>TITLE/FUNCTION</u> | <u>ASSIGNED PERSONNEL</u> | <u>FREQUENCY</u> | <u>PROCEDURE</u> | <u>TRAINING OBJECTIVE</u> |
|---|--|--------------------------------|------------------|---|
| Emergency Repair/ Corrective Actions Training | Designated Primary and Alternates: | Before assuming position | TP-4.05 | The objective of Emergency Repair/ Corrective Action is to develop and maintain a group of personnel capable of assessing and performing emergency repair or corrective action operations in-plant in an emergency situation. |
| | a. Emergency Maintenance Coord. | Annually thereafter | | |
| | b. OSC Manager | | | |
| | c. Mechanics | | | |
| | d. Electricians | | | |
| | e. Instrument and Control Technicians | | | |
| | f. I & C Supervisor | | | |
| | g. Maint. Supervisor (Electrical & Mechanical) | | | |
| h. Planner | | | | |
| Onsite Fire Fighting Personnel | a. Fire Brigade members and Supervisors as specified in the Fire Protection Procedures Manual | Annually | TP-4.02 | Develop well-trained fire brigade whose actions minimize injuries, property loss and damage and lost generation time. |

FIG 8.1
EMERGENCY RESPONSE TRAINING
(continued)

| <u>TITLE/FUNCTION</u> | <u>ASSIGNED PERSONNEL</u> | <u>FREQUENCY</u> | <u>TRAINING OBJECTIVE</u> |
|---------------------------------|--|------------------|--|
| Medical Support Personnel | <ul style="list-style-type: none"> a. Oswego Hospital Personnel b. Ambulance Drivers and Attendants c. Upstate Medical Center Personnel | Annually | Ensure a high state of emergency preparedness and medical awareness of handling of contaminated injuries that may occur at a nuclear facility. |
| Offsite Fire Fighting Personnel | Designated personnel from those fire agencies which will most likely respond to a request for aid through Oswego County E-911. | Annually | The objective of training for fire fighting personnel is to ensure that offsite individuals who may be called upon in an emergency to access the JAFNPP will be knowledgeable in applicable procedures and intended roles. |

FIGURE 8.2
SCHEDULE OF DRILL PERFORMANCE

Dr.
OBE

| <u>TITLE/FUNCTION</u> | <u>ASSIGNED PERSONNEL</u> | <u>FREQUENCY</u> | <u>ORGANIZATION(S) /PERSONNEL</u> | <u>TRAINING OBJECTIVE</u> |
|-----------------------|--|-----------------------------|--|--|
| Communication 40 | Function of Communications link to State and Local Governments | Monthly Dr. OBE | Plant NY State Oswego Co. | Test in Accordance with SAP-3 |
| Communication 40 | Function of Communications link to Federal Emergency Response Organization | Monthly Dr. OBE | Plant ENS HPN NRC | Test in Accordance with SAP-3 |
| Communication | Function of Communications network out to field assessment personnel | Annually Dr. OBE | Plant NY State Oswego Co. Plant Field Monitoring Teams | Test in Accordance with annual exercise |
| Fire Fighting 40 | Fire Brigade Response | Refer to FPPs Dr. OBE | Plant - Operations Fire Brigade Misc. Personnel Offsite - Scriba FD (Mutual Aid) | In Accordance with Fire Protection Procedures Manual |

Dr.
OBE

FIGURE 8.2
SCHEDULE OF DRILL PERFORMANCE
(continued)

| <u>TITLE/FUNCTION</u> | <u>ASSIGNED PERSONNEL</u> | <u>FREQUENCY</u> | <u>ORGANIZATION(S) /PERSONNEL</u> | <u>TRAINING OBJECTIVE</u> |
|-------------------------|---|------------------|--|--|
| Medical Emergency | Treatment of Contaminated, injured person | Annually | <u>Plant</u> - Operations First Aid Team Misc. Personnel <u>Offsite</u> - Ambulance Personnel Hospital Personnel | In Accordance with written scenario per SAP-1. |
| Radiological Monitoring | Dispatching and directing survey teams to perform radiation surveys and collect environmental samples (air, soil, water, etc.). | Annually | <u>Plant</u> - Radiological Support Coordinator Radiological Monitors Other Support personnel | In accordance with written scenario per SAP-1. |

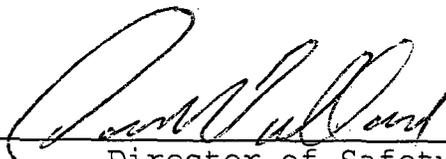
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ENTERGY NUCLEAR OPERATIONS, INC
JAMES A. FITZPATRICK NUCLEAR POWER PLANT

EMERGENCY PLAN VOLUME 1

PROCEDURE NO.: APPENDIX F

TITLE: TYPICAL SUPPORT COMPANIES AND ORGANIZATIONS

APPROVED BY: 
Director of Safety Assurance

APPROVED BY: 
Emergency Planning Manager

EFFECTIVE DATE: November 17, 2006

PERIODIC REVIEW DUE DATE: ~~November 2007~~ ^{NSI 7/16/07}
October 2008

APPENDIX F

TYPICAL SUPPORT COMPANIES AND ORGANIZATIONS

| <u>NAME</u> | <u>SERVICE</u> |
|--|---|
| Bartlett Nuclear, Inc | Health Physics support personnel |
| Duratek | Solidification of liquid waste, Shipping cask rental, waste burial, Tool and equipment decontamination |
| Stone and Webster Engineering Corporation | A/E Engineering support |
| General Electric Company | Nuclear maintenance support |
| EA Engineering, Science And Technology | Evaluation of environmental samples |
| Framatome ANP | Liquid and gas sample analysis |

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ENTERGY NUCLEAR OPERATIONS, INC
JAMES A. FITZPATRICK NUCLEAR POWER PLANT

EMERGENCY PLAN VOLUME 1

PROCEDURE NO.: APPENDIX J

TITLE: SUPPORTING DOCUMENTS

APPROVED BY:

WFM Malone

Director of Safety Assurance

APPROVED BY:

M. S. [Signature]

Emergency Planning Manager

EFFECTIVE DATE:

August 16, 2004

PERIODIC REVIEW DUE DATE:

~~*August 2005*~~ *8/1/05*
~~*August 2006*~~ *8/29/06*
~~*August 2007*~~
October 2008 *10/16/07*

Rev. No. 10

APPENDIX J
SUPPORTING DOCUMENTS

1. James A. FitzPatrick Nuclear Power Plant
 - a. JAFNPP Emergency Plan Volumes 2 & 3 - Implementing Procedures
 - b. JAFNPP Final Safety Analysis Report (FSAR)
 - c. Radiation Protection Department Procedures and Programs
 - d. Administrative Procedures
 - e. Fire Protection and Prevention Procedures
 - f. Security / Safeguards Implementing Procedures
 - g. Technical Specifications
 - h. Operating and Special Procedures
 - j. Chemistry Department Procedures
 - k. Nuclear Management Manual Policies & Procedures
2. State of New York
 - a. New York State Radiological Emergency Preparedness Plan and Procedures
3. Oswego County
 - a. Oswego County Radiological Emergency Preparedness Plan and Procedures
 - b. Oswego County Emergency Alert System Procedures
 - c. Oswego Hospital Plan: Decontamination and Treatment of the Radioactively Contaminated Patient at Oswego Hospital
4. Nine Mile Point Nuclear Station
 - a. Nine Mile Point Nuclear Station Emergency Plan and Procedures
5. Onondaga County
 - a. University Hospital Procedures
 - b. Onondaga County Radiological Emergency Response Host Plan

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ENTERGY NUCLEAR OPERATIONS, INC.

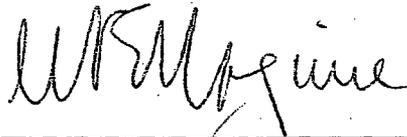
JAMES A. FITZPATRICK NUCLEAR POWER PLANT

EMERGENCY PLAN VOLUME 1

PROCEDURE NO.: APPENDIX K

TITLE: EVACUATION TRAVEL TIME ESTIMATES AND POPULATION
DISTRIBUTION FOR THE JAF/NINE MILE POINT
EMERGENCY PLANNING ZONE

Approved By:



Director of Safety Assurance

APPROVED BY:



Emergency Planning Coordinator

EFFECTIVE DATE:

September 2, 2004

PERIODIC REVIEW DUE DATE:

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~~August 2007~~ ^{7/16/07}
October 2008

Rev. No.

7

APPENDIX K
 EVACUATION TRAVEL TIME ESTIMATES AND POPULATION DISTRIBUTION FOR THE
 JAF/NINE MILE POINT EMERGENCY PLANNING ZONE
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ENTERGY NUCLEAR OPERATIONS, INC.
JAMES A. FITZPATRICK NUCLEAR POWER PLANT
EMERGENCY PLAN VOLUME 1

PROCEDURE NO.: APPENDIX L

TITLE: NUREG-0654/FEMA-REP-1 CROSS REFERENCE

APPROVED BY: *D.H. Rowe (acting) D. R. McAlane*
Director of Safety Assurance

APPROVED BY: *M. L. L. L.*
Emergency Planning Manager

EFFECTIVE DATE: August 31, 2005

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October 2008

APPENDIX L

NUREG-0654/FEMA-REP-1 CROSS REFERENCE

PURPOSE: Appendix L provides a cross reference for locating NUREG-0654 planning standards within the James A. FitzPatrick Emergency Plan. This cross reference will facilitate timeliness in reviewing which sections of the JAF Emergency Plan satisfy applicable planning standards established in NUREG-0654.

| NUREG-0654 Section | Evaluation Criteria | JAFNPP EMERGENCY PLAN |
|--------------------|--|---|
| A.1.a | Overall response organization identification - State, Local, Federal and Private Organizations | Section 5.4.2 Section 5.4.3 Section 5.5.1 Section 5.5.2 Section 5.6 |
| A.1.b | Organizational concept of operations | Section 5.2 Section 5.3 Section 5.4 Section 5.5 Section 5.6 |
| A.1.c | Organizational interrelationships - block diagram | Figure 5.1 Figure 5.2 Figure 5.3 Figure 5.4 Figure 5.5 |
| A.1.d | Identification of individual in charge | Section 5.3.1 Section 5.4.1 Appendix B |
| A.1.e | 24-hour response capability (including communications) | Section 5.1 Section 5.2 Section 5.3 Section 5.4.1 Section 6.5.1 Section 6.5.4 Section 7.2.4 |
| A.2.a | Specification of functions and responsibilities of key individuals | N/A* |
| A.2.b | Legal basis for authority | N/A* |

* N/A - Not applicable