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November 14, 2002

Document Control Desk
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Re: McGuire Nuclear Station Unit 1 Docket No. 50-369
McGuire Nuclear Station Unit 2 Docket No. 50-370
Changes to Emergency Plan Implementing Procedures

Attached to this letter is a revised Emergency Plan Implementing Procedure (EPIP) Index and a notice of revision to EP Group Manual Section 1.1. This procedure revision was evaluated pursuant to the requirements of 10 CFR 50.54 (q). This change does not constitute a reduction in the effectiveness of the emergency plan and the plan continues to meet the requirements of 10 CFR 50.47 (b) and 10 CFR 50 Appendix E. Duke implemented this change on October 15, 2002. A copy of this change is also being sent to the NRC Office of Nuclear Material Safety and Safeguards as per 10 CFR 72.44 (f). The following procedure index change and procedure revision has been implemented:

- | | |
|----------------------|------------------|
| EPIP Index Page 1 | Dated 10/15/2002 |
| EPIP Index Page 2 | Dated 10/15/2002 |
| EPIP Index Page 3 | Dated 10/15/2002 |
| EP Group Section 1.1 | Dated 10/15/2002 |

There are no new regulatory commitments in this document. Duke is also supplying two copies of this submittal to the Regional Administrator of Region II. Questions on this document should be directed to Kevin Murray at (704) 875-4672.

Very truly yours,

D. M. Jamil

Attachments

A045

U.S. Nuclear Regulatory Commission
November 14, 2002
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xc: (w/attachment)
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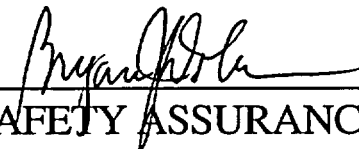
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EP File 111

DUKE

McGUIRE NUCLEAR SITE

EMERGENCY PLAN IMPLEMENTING PROCEDURES

APPROVED: 
SAFETY ASSURANCE MANAGER

DATE APPROVED 11/5/02

EPIP Index Page 1	Dated 10/15/2002
EPIP Index Page 2	Dated 10/15/2002
EPIP Index Page 3	Dated 10/15/2002
EP Group Section 1.1	Dated 10/15/2002

EMERGENCY PLAN IMPLEMENTING PROCEDURES INDEX

<u>PROCEDURE #</u>	<u>TITLE</u>	<u>REVISION NUMBER</u>
RP/0/A/5700/000	Classification of Emergency	Rev. 008
RP/0/A/5700/001	Notification of Unusual Event	Rev. 017
RP/0/A/5700/002	Alert	Rev. 017
RP/0/A/5700/003	Site Area Emergency	Rev. 017
RP/0/A/5700/004	General Emergency	Rev. 017
RP/0/A/5700/05	Care and Transportation of Contaminated Injured Individual(s) From Site to Offsite Medical Facility	DELETE
RP/0/A/5700/006	Natural Disasters	Rev. 009
RP/0/A/5700/007	Earthquake	Rev. 007
RP/0/A/5700/008	Release of Toxic or Flammable Gases	Rev. 004
RP/0/A/5700/009	Collisions/Explosions	Rev. 002
RP/0/A/5700/010	NRC Immediate Notification Requirements	Rev. 013
RP/0/A/5700/011	Conducting a Site Assembly, Site Evacuation or Containment Evacuation	Rev. 006
RP/0/A/5700/012	Activation of the Technical Support Center (TSC)	Rev. 021
RP/0/A/5700/013	Activation of the Emergency Operations Facility (EOF)	DELETE
RP/0/A/5700/14	Emergency Telephone Directory	DELETE
RP/0/A/5700/015	Notifications to the State and Counties from the EOF	DELETE
RP/0/A/5700/16	EOF Commodities and Facilities Procedure	DELETE
RP/0/A/5700/17	Emergency Data Transmittal System Access	DELETE
RP/0/A/5700/018	Notifications to the State and Counties from the TSC	Rev. 011
RP/0/A/5700/019	Core Damage Assessment	Rev. 004
RP/0/A/5700/020	Activation of the Operations Support Center (OSC)	Rev. 013
RP/0/A/5700/21	EOF Access Control	DELETE
RP/0/A/5700/022	Spill Response Procedure	Rev. 009
RP/0/A/5700/024	Recovery and Reentry Procedure	Rev. 002
RP/0/A/5700/026	Operations/Engineering Technical Evaluations in the Technical Support Center (TSC)	Rev. 002
RP/0/B/5700/023	Public Affairs Emergency Response Plan	Rev. 003
OP/0/B/6200/090	PALSS Operation for Accident Sampling	DELETED

EMERGENCY PLAN IMPLEMENTING PROCEDURES INDEX

<u>PROCEDURE #</u>	<u>TITLE</u>	<u>REVISION NUMBER</u>
HP/0/B/1009/002	Alternative Method for Determining Dose Rate Within the Reactor Building	Rev. 002
HP/0/B/1009/003	Recovery Plan	Rev. 004
HP/0/B/1009/005	Initial Evaluation of Protective Action Guides Due to Abnormal Plant Conditions	DELETED
HP/0/B/1009/006	Procedure for Quantifying High Level Radioactivity Releases During Accident Conditions	Rev. 006
HP/0/B/1009/010	Releases of Radioactive Effluents Exceeding Selected Licensee Commitments	Rev. 006
HP/1/B/1009/015	Unit 1 Nuclear Post-Accident Containment Air Sampling System Operating Procedure	DELETED
HP/2/B/1009/015	Unit 2 Nuclear Post-Accident Containment Air Sampling System Operating Procedure	DELETED
HP/0/B/1009/016	Distribution of Potassium Iodide Tablets in the Event of a Radioiodine Release	Rev. 003
HP/0/B/1009/020	Manual Procedure for Offsite Dose Projections	DELETED
HP/0/B/1009/021	Estimating Food Chain Doses Under Post-Accident Conditions	Rev. 001
HP/0/B/1009/022	Accident and Emergency Response	Rev. 003
HP/0/B/1009/023	Environmental Monitoring for Emergency Conditions	Rev. 005
HP/0/B/1009/024	Personnel Monitoring for Emergency Conditions	Rev. 002
HP/0/B/1009/029	Initial Response On-Shift Dose Assessment	Rev. 006
SH/0/B/2005/001	Emergency Response Offsite Dose Projections	Rev. 001
SH/0/B/2005/002	Protocol for the Field Monitoring Coordinator During Emergency Conditions	Rev. 002
SR/0/B/2000/01	Standard Procedure for Public Affairs Response to the Emergency Operations Facility	Rev. 003
SR/0/B/2000/002	Standard Procedure for EOF Commodities and Facilities	Rev. 002
SR/0/B/2000/003	Activation of the Emergency Operations Facility	Rev. 009
SR/0/B/2000/004	Notification to States and Counties from the Emergency Operations Facility	Rev. 005

EMERGENCY PLAN IMPLEMENTING PROCEDURES INDEX

<u>PROCEDURE #</u>	<u>TITLE</u>	<u>REVISION NUMBER</u>
McGuire Site Directive 280	Site Assembly/Accountability and Evacuation/Containment Evacuation	DELETED
EP Group Manual	Section 1.1 Emergency Organization	Rev. 018
MNS RP Manual:	Section 18.1 Accident and Emergency Response	DELETED
	Section 18.2 Environmental Monitoring for Emergency Conditions	DELETED
	Section 18.3 Personnel Monitoring for Emergency Conditions	DELETED
	Section 18.4 Planned Emergency Exposure	DELETED
PT/0/A/4600/088	Functional Check of Emergency Vehicle and Equipment	Rev. 007

McGUIRE NUCLEAR STATION
EMERGENCY PLANNING
EMERGENCY ORGANIZATION

1.0 OBJECTIVE

This section establishes the Emergency Organization and the functions it is responsible for in effectively supporting the normal operating shift in the management of any emergency condition at the station. It particularly addresses the augmentation of the operating shift resources for accident response situations where the health and safety of station personnel and members of the general public are concerned. It provides a structure by which the normal functions of the operating shift are augmented and immediately directed to accident termination and mitigation, offsite consequence determination, and plant recovery operations.

2.0 GENERAL

Initial activities during any emergency condition are directed by the Operations Shift Manager from the control room. The Operations Shift Manager shall assume the functions of the Emergency Coordinator until the arrival of the Station Manager/designee at which time the Station Manager/designee assumes the responsibility of the Emergency Coordinator. The Emergency Coordinator will assure that the following emergency objectives are achieved during the initial phases of any emergency condition:

- 2.1 Initiation of emergency actions within the provisions of the Emergency Plan, including notifications of and protective action recommendations to authorities responsible for coordinating offsite protective actions, enabling the Operations Shift Manager to devote full attention to remedial measures within the station.

This authority to notify and make protective action recommendations to offsite authorities may not be delegated to other personnel within the emergency organization.

- 2.2 Notification and activation of the Station, Corporate, State/Local Government, and the Nuclear Regulatory Commission emergency organizations having a response role.
- 2.3 Continued assessment of actual or potential consequences both onsite and offsite throughout the evolution of the emergency condition.
- 2.4 Effective implementation of emergency measures in the environs including protective actions and/or evacuation of affected areas, implementation of emergency monitoring teams and facilities to evaluate the environmental consequences of the emergency condition, prompt notification and communications with offsite authorities.
- 2.5 Continued maintenance of an adequate state of emergency preparedness until the emergency situation has been effectively managed and the station is returned to a normal or safe operating condition.

3.0 IMPLEMENTATION

- 3.1 The Emergency Organization shall be that organization of normal plant operating shift augmented with additional personnel as deemed necessary by the Operations Shift Manager/Emergency Coordinator, the Station Manager or as required by any emergency procedure. No station personnel will be assigned to the emergency organization prior to receiving specified emergency organization training.
- 3.2 The Operations Shift Manager on duty shall ensure that all actions required by any initiating emergency procedure or by any emergency condition have been performed and that all actions necessary for the protection of persons and property are being taken. The Operations Shift Manager, upon being relieved of the Emergency Coordinator functions, shall continue to take all actions necessary to ensure that any emergency situation is brought under control.

3.3 The Emergency Coordinator shall have the authority and responsibility to initiate any emergency actions within the provisions of the Emergency Plan, including the notifications and exchange of information with those authorities responsible for coordinating offsite emergency measures. The Emergency Coordinator will work closely with the Operations Shift Manager, other station management and Engineering and Technical Support personnel at the Technical Support Center (TSC). He/She shall also maintain communications with offsite personnel at the Emergency Operations Facility (EOF), County Emergency Operations Center(s) and with the North Carolina State Emergency Operations Center initially, then with the North Carolina State Emergency Response Team Headquarters as this organization is activated. This function will later be assumed by the EOF Director at the Duke Power Emergency Operations Facility.

After activation of the EOF, the station is still responsible for the minute to minute plant operations and for the lead role in accident assessment. The EOF relieves the station of the burden of overall Emergency Management and in making Protective Action Recommendations to offsite agencies. Further, the EOF supports the station in its function of accident assessment and plant operations as directed by the EOF Director and Emergency Coordinator.

3.4 The EOF Director will assume the responsibilities of the Emergency Coordinator at the Emergency Operations Facility (EOF) as this organization is staffed and ready to assume control. This assumption of the Emergency Coordinator functions by the EOF Director will take place for the Alert Emergency Classification and higher.

3.5 The Control Room is the initial center of emergency control. It is designed for evaluation and control over the initial aspects of an emergency and for those actions necessary for coping with the emergency condition. These actions include, but are not limited to:

3.5.1 Continuous evaluation of the magnitude and potential consequences of the emergency condition.

3.5.2 Initial notifications and communications with those station personnel and offsite agencies responsible for coordinating effective response measures.

The Control Room shall be staffed with the operating shift, the Emergency Coordinator and any other personnel the Operations Shift Manager, Station Manager or Emergency Coordinator may require in response to the emergency condition.

- 3.6 The Technical Support Center (TSC) acts in support of the command and control function of the control room and to display current plant status and diagnostic information to those individuals who are knowledgeable and responsible for engineering, technical, and management support of reactor operation in any emergency condition. The TSC is located in the Service Building at Elevation 767 and has the capability to house thirty-five (35) persons, necessary communication equipment, diagnostic display information, plant drawings, layouts, maps, and charts necessary to support the emergency organization. Figure H-1 of the McGuire Emergency Plan contains the Technical Support Center general arrangement.

The Emergency Response Organization (ERO) shall be activated by the Emergency Coordinator in accordance with the applicable emergency procedure. The ERO will be notified by pagers using a coded message and by an automated dial-out system. The Control Room will notify designated personnel to activate the TSC, OSC, and EOF pagers and will announce via plant page that an Alert, Site Area Emergency or General Emergency has been declared and to activate the TSC, OSC and EOF.

The TSC and OSC shall be activated within one (1) hour and fifteen (15) minutes and will be staffed and organized with positions listed in this manual section. The EOF shall be operational using one (1) hour and fifteen (15) minutes as a goal for minimum staff to be in place. The EOF will be staffed and organized in accordance with this manual section.

Employees responding as a result of pager activation outside of their normal work hours will complete a Fitness for Duty Questionnaire upon arrival in the TSC, OSC or EOF as per the appropriate facility activation procedure.

The ERO organizational chart listing phone numbers (work and home) and pager numbers is available electronically.

The TSC shall include, but not be limited to the following personnel:

- 3.6.1 The Emergency Coordinator shall have complete responsibility for activation of the TSC and the McGuire Site Emergency Plan. They shall staff the TSC with those personnel defined in Section 3.9 or as deemed necessary to effectively assess the emergency condition. They shall institute those procedures necessary to allow the Control Room to gain immediate control of the emergency condition. The Emergency Coordinator will have direct communications with the EOF Director, each County Warning Point or Emergency Operation Center (if activated), the North Carolina State Emergency Response Team and to the Nuclear Regulatory Commission to ensure that they are informed of the emergency condition at all times.
- 3.6.2 The Assistant Emergency Coordinator will assist the Emergency Coordinator in all aspects of emergency response. They will act as a receiver of information when the Emergency Coordinator is unavailable. The Assistant will relay this information to the Emergency Coordinator in a timely manner. The Assistant Emergency Coordinator proactively seeks information when the Emergency Coordinator is in a reactive mode. The Assistant Emergency Coordinator will make face to face confirmation of information provided when the Emergency Coordinator is unavailable. The Assistant Emergency Coordinator will serve as the Emergency Coordinator as needed.
- 3.6.3 Operations Manager in the TSC will provide expertise to the Emergency Coordinator and the Operations Manager in the Control Room via headset communication regarding solutions to operational problems. They shall provide technical expertise to other members of the TSC as required.

- 3.6.4 The Operations Procedure Support position will assist the Emergency Coordinator in the applicable Response Procedures and Emergency Procedures. They will also provide information to the Offsite Agency Communicator for transmission of the Emergency Notification Form to Offsite Agencies.
- 3.6.5 System Engineering Manager is responsible for providing engineering support to the TSC. They maintain communication with the EOF Accident Assessment group, and calls in Engineering personnel to the site for additional assistance as necessary. When additional Engineering personnel are called to the site, they report to their normal work areas and maintain contact with the System Engineering Manager in the TSC. If normal Engineering work areas are evacuated, these site Engineering personnel will report to the EOF.
- 3.6.6 The Reactor Engineer is responsible for addressing any concerns regarding the operation of the core. They provide technical expertise to the System Engineering Manager and to other members of the TSC as required. The Reactor Engineer gathers plant data, reviews core cooling information, and performs other core monitoring functions as required. The Reactor Engineer also addresses any reactivity management matters.
- 3.6.7 Radiation Protection Manager (RPM) provides technical expertise to the Emergency Coordinator and other members of the TSC and OSC as required. The RPM assures radiation protection in the TSC and maintains continuous communication with Radiation Protection in the OSC and EOF.
- 3.6.8 The TSC Offsite Dose Assessors shall provide technical expertise to the Emergency Coordinator and other members of the TSC as required. They will provide initial offsite dose calculations and resultant protective action recommendations for releases of radioactive materials until assumed by the EOF.

- 3.6.9 Data Coordinator will provide support in the area of Information Technology and data acquisition. The Data Coordinator will provide computer support for both software and hardware applications of data review in the TSC and the transfer of data to offsite locations.
- 3.6.10 Offsite Agency Communicators are responsible for emergency notifications to Offsite Agencies.
- 3.6.11 Emergency Planner in the TSC supports Emergency Coordinator activity, provides necessary NRC/State/County interface and facilitates TSC/OSC operation.
- 3.6.12 NRC Communicator provides continuous NRC communications via the Emergency Notification System (ENS).
- 3.6.13 TSC Status Coordinators provide log keeping for the Emergency Coordinator and maintain status boards.
- 3.6.14 IAE - Communications assures continuous communications capability in the onsite emergency facilities.
- 3.6.15 Operations Manager in the Control Room is the operations interface to the TSC, OSC and EOF. They provide procedural information, plant parameters and task requests.
- 3.6.16 The Site Assembly Coordinator and the Evacuation Coordinator provide expertise to the Emergency Coordinator regarding site assembly accountability and site evacuation. They make recommendations on the need for and path of evacuation both onsite and offsite.
- 3.6.17 As Needed Position:
- Regulatory Compliance serves as NRC interface in the TSC and provides regulatory support as needed.

3.7 The Operations Support Center (OSC) is located in the Service Building, Elevation 760 and is depicted on Figure H-2 of the McGuire Emergency Plan. The OSC shall be activated as described in 3.6. The personnel assigned to the OSC shall be under the direct supervision of the Operation Support Center Coordinator.

The OSC shall be staffed and organized in accordance with this manual section or as deemed necessary by the Operations Shift Manager/Emergency Coordinator. The OSC shall include but not be limited to the following personnel:

3.7.1 The Operations Support Center Coordinator is responsible for the overall OSC management, OSC team direction and control and serves as an OSC point of contact with the TSC. They shall coordinate the staffing of the OSC with the appropriate plant management based on the actual plant emergency.

3.7.2 The Assistant OSC Coordinator will assist the OSC Coordinator in all aspects of emergency response. They will act as a receiver of information when the OSC Coordinator is unavailable. The Assistant OSC Coordinator will relay this information to the OSC Coordinator in a timely manner. The Assistant OSC Coordinator proactively seeks information when the OSC Coordinator is in a reactive mode. The Assistant OSC Coordinator will make face to face confirmation of information provided when the OSC Coordinator is unavailable. The Assistant OSC Coordinator will serve as the OSC Coordinator as needed.

3.7.3 Operations Liaison shall assist the OSC Coordinator in assessment and evaluation of the emergency condition via headset communication with the Operations Manager in the TSC and the Operations Manager in the Control Room.

- 3.7.4 OSC Status Coordinator will log OSC Team Status and maintain OSC Task Work Sheets.
- 3.7.5 Operations SRO shall provide technical expertise to the OSC Coordinator and other members of the OSC as required. They are responsible for coordinating and briefing teams dispatched from the OSC.
- 3.7.6 The Chemistry Manager will provide technical expertise to the OSC Coordinator and to other members of the OSC as required. They are responsible for coordinating chemical technical support and for initiating necessary action to insure adequate chemical sampling and evaluation to support the emergency condition. The Chemistry Manager shall ensure that all areas under his/her direction are staffed and prepared to manage chemistry support for any emergency condition.
- 3.7.7 The IAE Maintenance Manager will provide technical expertise to the OSC Coordinator and to other members of the OSC as required. They are responsible for maintaining all station IAE equipment in an operational state. The IAE Maintenance Manager shall ensure that all areas under his/her direction are staffed and prepared to manage IAE support for any emergency condition.
- 3.7.8 The Mechanical Maintenance Manager will provide technical expertise to the OSC Coordinator and to other members of the OSC as required. They are responsible for all station mechanical equipment and facilities. The Mechanical Maintenance Manager shall ensure that all areas under his/her direction are staffed and prepared to manage maintenance support for any emergency condition.
- 3.7.9 Equipment Engineering will provide engineering expertise to the OSC Coordinator and to other members of the OSC as required. They communicate routinely with the TSC Systems Engineering Manager providing updates and information and engineering assessments and needs.

- 3.7.10 Safety and Health Services will provide technical expertise to the OSC Coordinator and to other members of the OSC as required.
- 3.7.11 Radiation Protection A Radiation Protection Supervisor or designee will report to the OSC along with an adequate number of RP technicians. This position will perform the normal Radiation Protection duties and responsibilities from the OSC.
- 3.7.12 Plant Operators Plant Operators on shift who are not actually assigned to the Control Room and additional call out operators as required or deemed necessary by the Operations Shift Manager or Emergency Coordinator.
- 3.7.13 Security will provide interface with Central Alarm Station. Security will also provide MERT response and will provide onsite radiological conditions to CAS/SAS operators.
- 3.7.14 Nuclear Supply Chain Manager will provide oversight for equipment support, warehouse support and acts as an interface with the EOF Services Manager group. This position also provides commissary for onsite emergency facilities.
- 3.7.15 As Needed Positions:

Emergency Planner in the OSC supports the OSC Coordinator activities, provides interface with the TSC as necessary. They will assist in the OSC with the facility and equipment to assure the needs of the OSC Coordinator are met.

IAE Communications assures communication capability in the on-site emergency facilities.

3.8 The Emergency Operations Facility (EOF) is utilized for direction and control of all emergency and recovery activities, with emphasis on the coordination of offsite activities such as communications with local, State and Federal agencies, and coordination of corporate and other outside support. The EOF location and layout are shown on Figures H-4 and H-5 of the McGuire Emergency Plan. Upon declaration of an Alert or higher classification the EOF will be alerted and personnel will report to the facility using 75 minutes as a goal for the minimum staff to be in place and operational.

The EOF will be staffed with but not limited to the following personnel:

3.8.1 The EOF Director is primarily responsible for overall management of Duke Power's emergency response activities, determination of public protective action recommendations, escalation or de-escalation, or termination of the emergency classification, and coordination with federal, state, and local government agencies. The principal interfaces include the Emergency Coordinator at the TSC, state emergency management directors and senior NRC officials.

3.8.2 The Assistant EOF Director will assist the EOF Director in all aspects of emergency response. They will act as a receiver of information when the EOF Director is unavailable. The Assistant will relay this information to the EOF Director in a timely manner. The Assistant EOF Director proactively seeks information when the EOF Director is in a reactive mode. The Assistant EOF Director will make face to face confirmation of information provided when the EOF Director is unavailable. The Assistant EOF Director will serve as the EOF Director as needed.

3.8.3 The EOF Services Manager shall assume responsibility for providing administrative, logistic, communications, and related personnel support for the recovery and emergency operation including: EOF communications equipment, transportation, food and lodging, purchasing, insurance as needed, and finance as needed.

- 3.8.4 The EOF Access Control Director coordinates access control for the EOF.
- 3.8.5 The EOF Offsite Agency Communicators are responsible for emergency notification to offsite agencies.
- 3.8.6 The EOF Data Coordinator will provide support in the area of Information Technology and data acquisition. The Data Coordinator will provide computer support for both software and hardware applications of data review in the EOF.
- 3.8.7 The Staff Support and Log Recorder personnel are responsible for maintaining the EOF logs and status boards to display current information about the emergency situation.
- 3.8.8 The EOF Radiological Assessment Manager shall coordinate the activities of EOF Dose Assessors, Field Monitoring Coordinator, and Health Physics Network (HPN) Communicator. The Radiological Assessment Manager is responsible for environmental liaison with local, state and federal agencies, and is responsible for offsite monitoring and dose projections. In addition, this position makes recommendations to the EOF Director concerning public protection from radiological hazards.
- 3.8.9 The EOF Dose Assessors perform dose calculations on either actual or projected offsite radiological doses and keeps the Radiological Assessment Manager informed of the pertinent results. This position may also serve as a HPN Communicator.

- 3.8.10 The EOF Field Monitoring Coordinator is responsible for directing and coordinating all environmental monitoring/sampling performed by the Field Monitoring Teams. The Field Monitoring Coordinator assigns areas to be monitored as directed by the Radiological Assessment Manager, compiles and forwards data to the Radiological Assessment Manager, assures the physical resources and equipment needed for monitoring, and coordinates the monitoring teams. The OSC will have initial functional responsibility for the Field Monitoring Teams. The Field Monitoring Teams and any associated data/information will be turned over to the EOF Field Monitoring Coordinator for direction and control as soon as practicable.
- 3.8.11 Field Monitoring Teams working out of the plant OSC perform surveys, collect and analyze certain environmental samples, and communicate results under the direction of the Field Monitoring Coordinator.
- 3.8.12 The EOF Radio Operator maintains constant communications with the Field Monitoring Teams under the direction of the Field Monitoring Coordinator.
- 3.8.13 The EOF Emergency Planner supports the EOF Director activity, provides necessary NRC/State/County interface and facilitates EOF operation.
- 3.8.14 The Accident Assessment Manager coordinates activities of the Accident Assessment staff and Operations Interface personnel assisting the TSC in accident mitigation strategies, advises the EOF Director regarding emergency classification and public protective actions, and provides information on the Emergency Notification Form.
- A. Accident Assessment Interface personnel provide reactor assessment, analysis and fuel subcriticality assessments; accident assessment and mitigation strategies, advises on the anticipated course of the event and assists in determining emergency classifications; provides analysis of plant systems; analysis of core containment and site conditions for core damage and fission product release potential, and accident mitigation strategy support.

B. Operations Interface serves as the communications contact between the Accident Assessment group and site operations and assists in determining appropriate emergency classifications.

C. As Needed Positions:

1. Reactor Physics personnel provide reactor assessment, analysis and fuel subcriticality assessments.
2. Administrative Support personnel support the activation and operation of the accident assessment group, call in additional support as needed and maintain official logkeeping for accident assessment.

3.8.15 Meteorologist personnel support Dose Assessment by providing meteorological information.

3.8.16 Other company personnel may be enlisted to support EOF emergency activities as needed.

3.9 Activation of the TSC/OSC Organization

3.9.1 Personnel qualified to perform the following functions are required to be available from on-shift:

_____ Shift Technical Advisor (Shift Work Manager)

_____ Emergency Coordinator (Operations Shift Manager)
_____ Shift Supervisor (SRO)

_____ Offsite Agency Communicator (Work Control SRO)

_____ Control Room Operator (RO) (2)

_____ Non-Licensed Operator (NLO) (2)

- _____ Fire Brigade (per Selected Licensee Commitments)
- _____ MM Technician
- _____ RP Technicians (RP coverage, etc.) (3)
- _____ Chemistry Technician (Post-Accident Sampling)
- _____ IAE Technician (2)
- _____ Security (per Security Plan)
- _____ MERT (2)

3.9.2 Personnel qualified to perform the following functions are required to be available within 45 minutes.

- _____ Offsite Dose Assessor (TSC)
- _____ RP Technician (In Plant Surveys) (OSC)
- _____ RP Technician (On Site Out-of-Plant Surveys) (OSC)

3.9.3 Personnel qualified to perform the following functions are regulatory required to be available within 75 minutes.

- _____ Emergency Coordinator (Station Manager) (TSC)
- _____ Mechanical Maintenance Manager (OSC)
- _____ IAE Maintenance Manager (OSC)
- _____ Offsite Agency Communicator (TSC)
- _____ NRC Communicator (TSC)
- _____ Field Monitoring Team Members (4) (OSC)

- _____ RP Technician (In Plant Surveys) (OSC)
- _____ RP Technician (On Site Out-of-Plant Surveys) (OSC)
- _____ RP Technicians (RP coverage, etc.) (6) (OSC)
- _____ MM Technician (OSC)
- _____ IAE Technician (2) (OSC)
- _____ Chem Radwaste Operator (OSC)
- _____ Reactor Engineer (TSC)

3.9.4 Personnel qualified for the following functions are desired to be available with 75 minutes to assist in site emergency operations.

- _____ Operations Manager in TSC (TSC)
- _____ Operations Procedure Support (TSC)
- _____ System Engineering Manager (TSC)
- _____ Emergency Planner (TSC)
- _____ Status Coordinator (TSC) (2)
- _____ IAE Communications (TSC)
- _____ Operations Manager in Control Room (CR)
- _____ OSC Coordinator (OSC)
- _____ OSC Status Coordinator (OSC)
- _____ Offsite Agency Communicator (TSC)

- _____ Operations Liaison (OSC)
- _____ Operations SRO (OSC)
- _____ RP Supervisor (OSC)
- _____ Chemistry Manager (OSC)
- _____ Nuclear Supply Chain Manager (OSC)
- _____ Safety Representative (OSC)
- _____ Security Representative (OSC)
- _____ Equipment Engineer (OSC)
- _____ Data Coordinator (TSC)
- _____ Site Assembly Coordinator (TSC)
- _____ Site Evacuation Coordinator (TSC)
- _____ Radiation Protection Manager (TSC)
- _____ Assistant OSC Coordinator (OSC)
- _____ Assistant Emergency Coordinator (TSC)
- _____ Offsite Dose Assessor (TSC)
- _____ Field Monitoring Team Drivers (2 OSC)

3.10 Activation of the Emergency Operations Facility (EOF)

3.10.1 Personnel qualified to perform the following functions must staff the EOF before it can be declared operational utilizing a 75 minute goal.

- _____ EOF Director
- _____ Radiological Assessment Manager
- _____ Accident Assessment Manager
- _____ Offsite Agency Communicator (2)
- _____ Access Control Director

3.10.2 Personnel qualified for the following functions are desired to be available within 75 minutes to assist in EOF emergency operations.

- _____ Public Spokesperson
- _____ Dose Assessors (2)
- _____ Field Monitoring Coordinator
- _____ Radio Operator
- _____ Public Affairs (Per News Group Plan)
- _____ Data Coordinator
- _____ EOF Services Manager
- _____ Emergency Planner
- _____ Accident Assessment Interface
- _____ Operations Interface

- _____ Assistant EOF Director
- _____ Offsite Agency Communicator
- _____ Staff Support
- _____ EOF Log Recorder
- _____ Meteorologist

3.11 ALTERNATE SITE FACILITIES

- 3.11.1 In the event the TSC becomes environmentally uninhabitable due to radiological or other conditions and the Control Room remains secure (habitable), selected individuals (to be determined by the Emergency Coordinator) shall move inside the Control Room. All other TSC personnel shall report to the EOF as directed by the Emergency Coordinator. In the event the Control Room also becomes uninhabitable due to radiological or other conditions, TSC personnel will report to the Simulator at the Training and Technology Center or EOF, as directed by the Emergency Coordinator.
- 3.11.2 In the event that the OSC becomes environmentally uninhabitable due to radiological or other conditions, the OSC shall move to the rear of the Control Room to Offices 930 and 931 or to other facilities as directed by the Emergency Coordinator.

3.12 SITE EVACUATION

- 3.12.1 At the Site Area Emergency classification, site evacuation shall be considered for non-essential personnel.
- 3.12.2 Radiation Protection shall determine the habitability for the protection of personnel remaining on site after the Site Evacuation.

4.0 ENCLOSURES

None