

Constellation
Nuclear

**Nine Mile Point
Nuclear Station**

*A Member of the
Constellation Energy Group*

December 18, 2001

United States Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, DC 20555

RE: Nine Mile Point Unit 1
 Docket No. 50-220
 DPR-63

 Nine Mile Point Unit 2
 Docket No. 50-410
 NPF-69

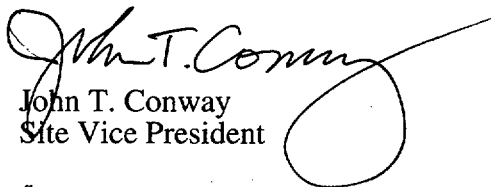
Gentlemen:

Enclosed please find copies of the following Emergency Plan and procedure revisions for Nine Mile Point Nuclear Station:

SEP	Revision 44	Site Emergency Plan (editorial changes)
EPIP-EPP-04	Revision 6	Personnel Injury or Illness
EPIP-EPP-05A	Revision 1	Local Area/Building Evacuation
EPIP-EPP-22	Revision 6	Damage Control
EPIP-EPP-23	Revision 11	Emergency Personnel Action Procedures
EPIP-EPP-25	Revision 8	Emergency Reclassification and Recovery
EPIP-EPP-27	Revision 8	Emergency Public Information Procedure
EPMP-EPP-02	Revision 24	Emergency Equipment Inventories and Checklists
EPMP-EPP-04	Revision 7	Emergency Exercise/Drill Procedure

These procedure revisions are being submitted as required by Section V to Appendix E of 10 CFR Part 50. Should you have any questions, please feel free to contact Mr. James D. Jones, Director of Emergency Preparedness at (315) 349-4486.

Very truly yours,


John T. Conway
Site Vice President

/kcm

Enclosure

pc: Mr. H.J. Miller, Regional Administrator, Region I (1 copy)
 Mr. G.K. Hunegs, Senior Resident Inspector (1 copy)
 Mr. P.S. Tam, Senior Project Manager, NRR (2 copies)
 EP PPF

A045

NOTICE TO CONTROLLED DOCUMENT HOLDERS

Re: Site Emergency Plan (SEP) Rev 44

December 12, 2001

This transmittal is re-distributing three pages of the Site Emergency Plan that required editorial corrections. The affected pages are:

- Page i - showed wrong rev level for Page 5-7**
- Page iii - showed wrong rev level for Page J-1**
- Page J-1 - wrong rev level on page footer**

Please remove these pages from your copy of the SEP and replace them with the attached corrected pages.

Thank you.

DOCUMENT CONTROL

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Rev. No:	43	43	43	43	43	43	44	44	44	44	44
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Rev. No.	44	44	44	44							

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Rev. No:	39	39	39	39

APPENDIX I: All page numbers are prefixed by 'I'

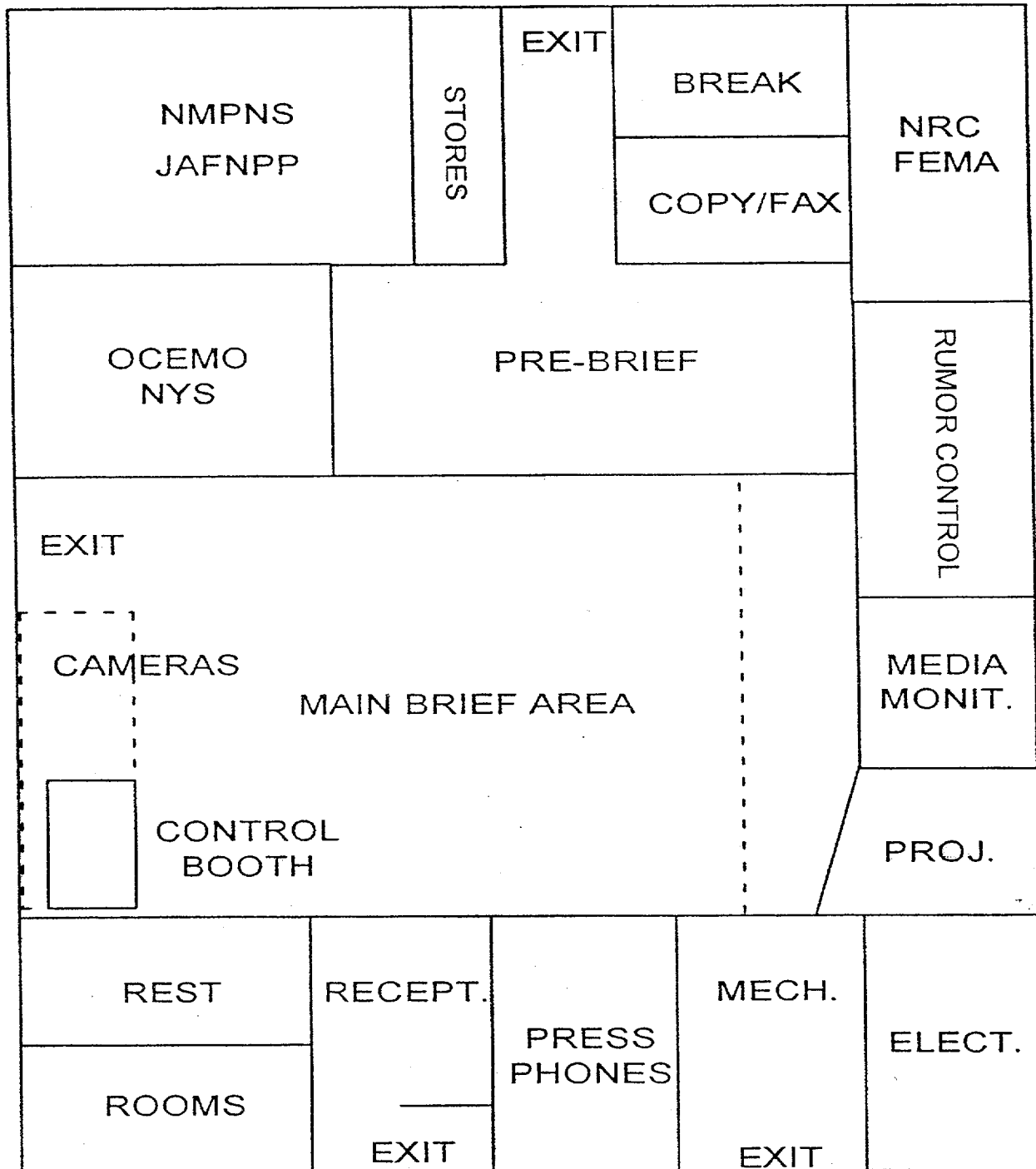
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APPENDIX J

RESOURCE MATERIAL



NINE MILE POINT NUCLEAR STATION
EMERGENCY PLAN IMPLEMENTING PROCEDURE

EPIP-EPP-04

REVISION 06

PERSONNEL INJURY OR ILLNESS

TECHNICAL SPECIFICATION REQUIRED

Approved by:
L. E. Pisano



Manager - Nuclear Training

11/20/01
Date

Effective Date: 12/11/2001

PERIODIC REVIEW DUE DATE JANUARY, 2002

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1.0 PURPOSE

To ensure prompt medical attention is provided to injured or ill personnel and prevent the unnecessary spread of radioactive contamination to the responding ambulance or receiving hospital.

2.0 RESPONSIBILITIES

2.1 The Station Shift Supervisor maintains overall control of the medical emergency.

2.2 The Fire Brigade Leader maintains control of the medical emergency at the scene.

2.3 The Security Supervisor initiates the Security Site Supervisor Checklist and ensures a security force member is sent to the medical emergency scene to assist.

2.4 Radiation Protection provides radiation protection guidance at the scene of the incident and, if necessary, at the hospital.

3.0 PROCEDURE

3.1 CSO Actions

3.1.1 IF a notification is received of an illness or injury, THEN perform the following actions:

NOTE: If making announcements via GAItronic, always place in merge mode.

- a. Notify the Fire Brigade by phone, radio or GAItronic and request response.
- b. Initiate the CSO Checklist (Attachment 1).
- c. Notify the SSS of the situation.

3.2 SSS Actions

3.2.1 IF notified of a medical emergency, THEN:

- a. Assign personnel to assist, as appropriate.
- b. Ensure transportation of patient to hospital is provided as needed.
- c. IF the patient is contaminated AND requires transport, THEN ensure NRC notification per 10CFR50.72 within 8 hours.

3.3 Fire Brigade Leader Actions

CAUTION

For fires on-site, 10CFR50 Appendix R requires that fighting the fire shall take precedence over all other activities involving the Fire Brigade Leader and Fire Brigade Members. The Fire Brigade Leader may in his/her judgement assign Fire Brigade Members duties associated with this procedure if it is determined that sufficient Fire Brigade Members are available to ensure the protection of Safe Shutdown equipment.

3.3.1 Perform the following actions upon being notified of a medical emergency:

- a. Acknowledge receipt of the message to the CSO.
- b. Direct Fire Brigade Members and other response staff as needed.
- c. Report to the scene.

3.3.2 Determine the need for the following, and request required resources from the CSO:

- a. Radiation Protection
- b. Ambulance
- c. REA setup at hospital
- d. Medical Department

3.3.3 Advise the CSO that the medical emergency is terminated when NMPNS resources are no longer needed on-site, and/or when the ambulance has left the scene.

3.3.4 Complete Occupational Safety and Health Report in accordance with SFT-OSH-01.

3.4 Radiation Protection (RP) Technician Actions

3.4.1 IF notified to respond to a medical emergency, THEN:

- a. Acknowledge receipt of the message to the CSO.
- b. Obtain the needed equipment and supplies (such as: count rate meter).
- c. Report to the scene.

3.4.2 Perform the following actions upon arriving at the scene.

CAUTION

Rad protection/contamination control concerns SHALL NOT interfere with patient care, nor shall it delay transport Of the patient to the hospital.

- a. Determine contamination status of the patient and report this to the Fire Brigade Leader.
- b. IF a situation exists where you can not confidently declare the patient as "NOT Contaminated", (for example: injured area is covered for medical reasons prior to being able to survey), THEN inform the Fire Brigade Leader to consider the patient "Contaminated".
- c. Perform an area survey and make any recommendations to the Fire Brigade Leader.
- d. Ensure appropriate radiological controls are utilized.

NOTE: The wearing of gloves by all personnel is for blood borne pathogen concerns as well as for radiological precautions.

- e. IF transport of a contaminated patient is required, AND decontamination is not practical, or would delay patient transport, THEN recommend that the patient be "cocooned" AND accompany the patient to the hospital.
- f. IF patient condition warrants, carefully remove or cut-off contaminated clothing.
- g. IF high areas of skin contamination exist, THEN gently cover the affected area.
- h. Based upon radiation and contamination assessment of the patient, advise the Security Force Member to either:
 - retrieve the patients dosimetry and security badge, or
 - leave the dosimetry and security badge with the patient for later decontamination.

3.4.3 Perform the following upon arrival of the ambulance:

- a. IF time permits, THEN cover the ambulance floor with protective material.
- b. Travel with the patient in the ambulance to provide radiological assistance.
 1. Advise ambulance personnel to limit cross-contamination, through frequent glove changes.
 2. Verify that all potentially contaminated materials (such as bandages, and clothing) are retained.

NOTE: An RP supervisor and technician will meet the ambulance at the hospital.

3.4.4 Upon arrival at the hospital, the RP technician shall:

- a. Ensure hospital staff are made aware of contamination status immediately upon arrival.

NOTE: An unknown contamination status should be handled as a contaminated patient until proven otherwise.

- b. If conditions warrant, ensure dosimetry is issued from the Nuclear Emergency cabinet to physicians and hospital staff.
- c. If the use of respiratory protection equipment is appropriate, then issue in accordance with station respiratory protection procedures.
- d. When the ambulance is no longer needed survey the ambulance for possible contamination. If ambulance is contaminated and cannot be decontaminated through normal efforts, it should be returned to Nine Mile Point for decontamination.
- e. If dosimetry has been issued to ambulance personnel, retrieve dosimetry and record required data on Dosimetry Issue Sheet.
- f. Provide radiological assistance to hospital personnel during decontamination of patient and medical treatment.
- g. Recommend frequent surgical glove changes to hospital staff to prevent the spread of contamination.
- h. Ensure that any excised tissue is placed in separate vials provided in the sample kit and keep for later analysis.
- i. Upon completion of treatment, contact Rad Waste Supervisor for instructions on the packaging and shipping back to Nine Mile Point, of any radioactive materials or waste generated during treatment of the patient(s).
- j. Assist hospital personnel while frisking.
- k. Survey the Radiological Emergency Area and equipment for release.
- l. Upon return to Nine Mile Point Site, perform required follow up analysis and complete paperwork as necessary (ensure signouts/logoffs on appropriate Radiation Work Permits).

3.5 Nuclear Security Actions:

- 3.5.1 IF notified of a medical emergency, THEN the Security Site Supervisor shall:
- a. Acknowledge receipt of the message to the CSO.
 - b. Initiate the Security Site Supervisor checklist. (Attachment 2).
- 3.5.2 IF notified to respond to a medical emergency, THEN the Security Force Member, upon arrival at the scene:
- a. Assist the Fire Brigade Leader as needed.
 - b. IF the RP Technician indicates that the patient's dosimetry and/or security badge are not contaminated, THEN retrieve them unless otherwise directed by the RP technician.

3.6 Medical Department Actions:

Medical Department Staff shall, upon notification of medical emergency:

- a. Contact Security for immediate access to site.
- b. Report to Fire Brigade Leader.
- c. Provide patient care as appropriate.

3.7 Terminating a Medical Emergency

- 3.7.1 Upon termination of the medical emergency the **Fire Brigade Leader** shall return equipment used (as applicable) to operational status.
- 3.7.2 Upon termination of the medical emergency the **Security Force Member** shall report back to assigned duties as directed by the Security Site Supervisor.
- 3.7.3 If the patient was not contaminated, upon termination of the medical emergency, the **Radiation Protection Technician** shall restore equipment used to operational status, and return to normal duties.

4.0 DEFINITIONS

None

5.0 REFERENCES AND COMMITMENTS

5.1 Technical Specifications

None

5.2 Licensee Documentation

Nine Mile Point Site Emergency Plan

5.3 Standards, Regulations and Codes

- 10CFR50.72, Immediate Notification Requirements for Operating Nuclear Power Reactors
- 10CFR50, Appendix E; Emergency Planning and Preparedness for Production and Utilization Facilities
- 10CFR50.47, Emergency Plans
- NUREG-0654, Rev. 1 Criteria for Preparation and Evaluation of Radiological Emergency Response Plans and Preparedness in Support of Nuclear Power Plans, dated November 1980

5.4 Policies, Programs, and Procedures

- NIP-OSH-01, Occupational Safety and Health
- SFT-OSH-0102, Occupational Health and Safety Manual

5.5 Commitments

<u>Sequence Number</u>	<u>Commitment Number</u>	<u>Description</u>
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None

5.6 Supplemental References

- Oswego Hospital Plan for the Decontamination and Treatment of Radioactively Contaminated Patients
- State University of New York (SUNY) Health Sciences Center at Syracuse, University Hospital Radiological Emergency Plan

6.0 RECORD REVIEW AND DISPOSITION

- 6.1 The following records generated by this procedure shall be maintained by Records Management for the Permanent Plant File in accordance with NIP-RMG-01, Records Management.

NOTE: This only applies if records are generated as the result of an actual declared emergency at the Nine Mile Point Nuclear Station.

- CSO Checklist - Medical Emergency
- Security Site Supervisor Medical Emergency Checklist.

- 6.2 The following records generated by this procedure are not required for retention in the Permanent Plant File:

NOTE: This only applies when records are not the result of an actual declared emergency.

- CSO Checklist - Medical Emergency
- Security Site Supervisor Medical Emergency Checklist.

LAST PAGE

ATTACHMENT 1: CSO MEDICAL EMERGENCY CHECKLIST

NAME: _____	DATE: _____	UNIT: <input type="checkbox"/> 1 <input type="checkbox"/> 2
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ME OF NOTIFICATION _____ LOCATION OF MEDICAL EMERGENCY _____ Completed N/A

NOTE: If making emergency announcements via GAltronic, always place in Merge mode.

1. Notify the Fire Brigade by phone, radio, or GAltronic, and request response ☐ ☐
2. Notify the SSS ☐ ☐
3. Take ANY of the following actions, IF requested by the Fire Brigade Leader:
 - A. IF Radiation Protection assistance is required, THEN contact RP and request that they report to the scene of the medical emergency ☐ ☐
 - B. IF an ambulance is required, THEN:
 1. Contact Oswego County 911 Center at 343-1313 and request an ambulance(s) be sent to the Nine Mile Point Unit 2 Security Access ... ☐ ☐
 - NOTE:** IF patient is contaminated OR potentially contaminated, THEN inform 911 Center of this.
 2. Contact Site Security Supervisor and request a security force member to be sent to the scene of the medical emergency AND inform them of the impending ambulance arrival. ☐ ☐
 3. WHEN the Fire Brigade Leader has requested setup of the Hospital Radiation Emergency Area (REA), OR WHEN the patient is contaminated or potentially contaminated, THEN:
 - a. Contact Oswego Hospital at 349-5522 ☐ ☐
 - b. Inform them of the number of patients ☐ ☐
 - c. Request setup of the REA ☐ ☐
 - NOTE:** If hospital requests patient status OR extent of injuries AND this information is known, it may be given to the hospital.
 - C. IF Medical Department assistance is required, THEN contact via GAltronic, telephone, or radio ☐ ☐
 - D. IF transportation by NMPC vehicle is requested, THEN request that the SSS notify the injured persons supervisor to obtain the necessary vehicle and driver ☐ ☐
 - E. IF it is necessary for the RP Technician to accompany the ambulance, THEN request that the SSS contact the RP on-call supervisor and request that RP supervision and an RP Technician report to the hospital ☐ ☐
 - F. IF the incident involves a contaminated injury/illness AND requires transportation, THEN: Direct Site Security Supervisor to contact Manager, Nuclear Communications and Public Affairs and provide details of the incident ☐ ☐
 - G. WHEN the patient has left the site OR when the Fire Brigade Leader indicates the emergency is terminated, THEN inform the SSS that the emergency is terminated ☐ ☐

ATTACHMENT 2: SECURITY SITE SUPERVISOR MEDICAL EMERGENCY CHECKLIST

NAME:	DATE:	UNIT: <input type="checkbox"/> 1 <input type="checkbox"/> 2
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Enter N/A when appropriate and explain reason for use of N/A.

	<u>Completed</u>	<u>N/A</u>
1. Acknowledged receipt of message to CSO/notified by CSO and if entry into the protected area is required, request authorization from SSS or any SRO in the Control Room to suspend security safeguard measures for immediate access of medical personnel	<input type="checkbox"/>	<input type="checkbox"/>
2. Security Force Member dispatched to the medical emergency scene to coordinate communication between Security Department and Fire Brigade Leader, assist in crowd control, etc.	<input type="checkbox"/>	<input type="checkbox"/>
Location: _____	<input type="checkbox"/>	<input type="checkbox"/>
3. IF ambulance requested, THEN ensure escort is provided for ambulance for immediate access into station to patient pickup location, and inform the CSO when ambulance arrives on site	<input type="checkbox"/>	<input type="checkbox"/>
4. Ensure ambulance/Fire Kit is brought to medical emergency scene	<input type="checkbox"/>	<input type="checkbox"/>
5. Ensure dosimetry is issued to responding off-site ambulance personnel	<input type="checkbox"/>	<input type="checkbox"/>
6. Record ambulance attendant names on Security Entrance Registration Log	<input type="checkbox"/>	<input type="checkbox"/>
7. IF the patient is NOT contaminated, THEN ensure patient and off-site response personnel dosimetry and Security ID badges are retrieved per applicable procedure prior to their leaving site, unless otherwise directed by RP.	<input type="checkbox"/>	<input type="checkbox"/>
8. Inactivate patient's ID Badge and keycard if they are contaminated and patient is being transported off site.	<input type="checkbox"/>	<input type="checkbox"/>
9. Notify the CSO when the ambulance has departed	<input type="checkbox"/>	<input type="checkbox"/>
10. IF Fire and Ambulance Kit is used, notify Emergency Preparedness Department	<input type="checkbox"/>	<input type="checkbox"/>

NINE MILE POINT NUCLEAR STATION
EMERGENCY PLAN IMPLEMENTING PROCEDURE

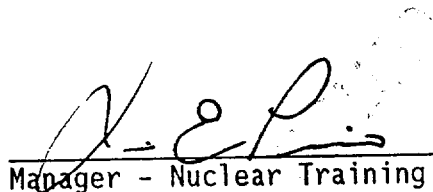
EPIP-EPP-05A

REVISION 01

LOCAL AREA/BUILDING EVACUATION

TECHNICAL SPECIFICATION REQUIRED

Approved by:
L. E. Pisano


Manager - Nuclear Training

11/28/01
Date

Effective Date: 12/11/2001

PERIODIC REVIEW DUE DATE JANUARY, 2002

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1.0 PURPOSE

To outline the method for evacuating local areas and buildings without evacuating the entire Protected Area or Exclusion Area when required to ensure the health and safety of personnel within those areas.

2.0 RESPONSIBILITIES

- 2.1 The Station Shift Supervisor (SSS)/Emergency Director (SSS/ED) or Emergency Director/Recovery Manager (ED/RM) directs a Local Area or Building Area Evacuation in accordance with this procedure when the health and safety of personnel is or may be in question.
- 2.2 The Chief Radiation Protection (RP) Technician or Lead RP Technician provides assistance for evacuees as necessary at the Radiologically Controlled Area (RCA) access control point.
- 2.3 All station personnel listen to and follow instructions given in station announcements.
- 2.4 Security Site Supervisor coordinates with the SSS/ED as required to ensure an orderly evacuation.
- 2.5 Relocation Building Management Representative
 - 2.5.1 Coordinates the arrival of evacuees to the building.
 - 2.5.2 Provides for emergency status announcements for the building as information is made available.
 - 2.5.3 Provides for the orderly return of personnel to work or home when appropriate.
- 2.6 First Line Supervisors/Fire Wardens should ensure that their people are accounted for following an evacuation involving the area/building they normally occupy.

3.0 PROCEDURE

3.1 Station Shift Supervisor/Emergency Director (SSS/ED)

3.1.1 When it is determined that conditions exist that pose a localized hazard to employees the SSS/ED should:

- a. Determine extent of area/building to be evacuated.
- b. If accounting of personnel is determined to be necessary, implement EPIP-EPP-05D, "Accountability".
- c. Contact Security Site Supervisor to coordinate the orderly evacuation of personnel. This discussion should include:
 - Evacuation direction based upon location of hazard and wind direction
 - Where evacuees are to be re-located (another building in a safe area or home)
 - Traffic Controls required/needed
 - Order of evacuation if multiple buildings/areas are involved (to limit confusion and traffic congestion)
- d. Provide required information to the CSO.
- e. IF an emergency has been declared, ensure the announcement for a Local Area/ Building Evacuation is made in accordance with EPIP-EPP-18.

OR

IF no emergency has been declared, ensure the announcement for a Local Area/ Building Evacuation is made in accordance with Attachment 1.

3.1.2 When conditions that necessitated the evacuation have been terminated the SSS/ED shall:

- a. Ensure the announcement for termination in accordance with EPIP-EPP-18 is made.

3.2 Security Site Supervisor

- 3.2.1 When notified that a local area/building evacuation may be in order, coordinate with the SSS/ED to:
- a. Determine where evacuees should be relocated to ensure safety and minimize confusion and traffic congestion.
 - b. Recommend order of area/building evacuation if multiple areas/building are involved.
 - c. Determine security needs to ensure an orderly evacuation. Consider:
 - Evacuation control at evacuation site and relocation area
 - Traffic control at parking areas near evacuation site, at relocation area and along access road. (Request assistance as necessary from any available department or Local Law Enforcement Agency)
 - d. If evacuating to another building, contact a management representative located in the building (ex: Training Manager at NLC, VP Engineering at ESB etc.) and inform them to prepare for the arrival of evacuees.
 - e. If accountability is directed, implement EPIP-EPP-05D.
- 3.2.2. When the emergency requiring evacuation has been terminated, and return of personnel is permitted, coordinate with the SSS/ED for the orderly return of evacuees.

3.3 All Station Personnel Within the Evacuated Area/Building

NOTE: Ensure compliance with all escort responsibilities. Visitors should be escorted to site access and carded out of the area.

- 3.3.1 Immediately upon hearing the Station Alarm and announcement to evacuate the area/building:
- a. Leave the area immediately, as directed.
 - b. Adhere to directions provided by the announcement.
 - c. Do not return until the situation is terminated or your assistance is required to resolve the situation as directed by SSS/ED or your supervisor.
 - d. If the area/building is contaminated
 1. Leave the area removing PC's as directed by the announcement.
 2. Go directly to the nearest Radiologically Controlled Area (RCA) access control point.
 3. If necessary, obtain Radiation Protection Technician assistance in removal of PC's and decontamination.
 4. Leave the RCA access control point and remain out of the area until informed that the situation has been terminated or your assistance is required to resolve the situation as directed by the SSS/ED or your supervisor.

3.4 The Chief Radiation Protection Technician or Lead Technician

- 3.4.1** Immediately upon hearing the Station Alarm and announcement to evacuate the area/building:
- a. Ensure an RP Tech reports to the RCA access control point to provide assistance as required for evacuees requiring PC removal and/or decontamination until situation is terminated or directed otherwise by the SSS/ED or your supervisor.
 - b. On back shift, request the SSS/ED contact RP Supervision and obtain additional RP Support as necessary.

3.5 Relocation Building Management Representative

- 3.5.1** Coordinate the arrival of evacuees to the building by ensuring adequate space is made available. (Cancel classes, open/unlock doors, direct personnel to where you want them etc..).
- 3.5.2** Obtain emergency status information from the control room and provide emergency status announcements for the building, using available PA systems, or runners.
- 3.5.3** If accountability was not announced, obtain accountability information from first line supervisors/fire wardens from building being evacuated.
- 3.5.4** If anyone is reported missing, contact the SSS/ED and request the implementation of EPIP-EPP-03 for the missing person(s).
- 3.5.5** Contact the SSS/ED and determine future plans for evacuees. (Home or return to work)
- 3.5.6** Coordinate with Security Site Supervisor to ensure the orderly return of personnel to work or home when appropriate.

3.6 First Line Supervisors/Fire Wardens

- 3.6.1 If accountability was not announced for the evacuation involving the area/building you normally occupy, ensure your people are accounted for at the relocation building.
- 3.6.2 Inform the Relocation Building Management Representative of the status of your department personnel. (All accounted for or provide names of those missing)

4.0 DEFINITIONS

- 4.1 A local area may be any area that is physically separated from other areas, by walls or elevation differences, or partitions, or doors.
- 4.2 A building may be any enclosed structure, such as the Reactor Building, Turbine Building, Screen house, L-Building, etc, whose ventilation system is separate from other structure's ventilation system.

5.0 REFERENCES AND COMMITMENTS

5.1 Technical Specifications

None

5.2 Licensee Documentation

Nine Mile Point Site Emergency Plan

5.3 Standards, Regulations, and Codes

NUREG-0654, FEMA-REP-1, Rev. 1, Criteria for Preparation and Evaluation of Radiological Emergency Response Plans and Preparedness in Support of Nuclear Power Plants, November 1980

5.4 Policies, Programs, and Procedures

- 5.4.1 EPIP-EPP-18, Activation and Direction of the Emergency Plans
- 5.4.2 EPIP-EPP-050, Accountability

5.5 **Commitments**

<u>Sequence Number</u>	<u>Commitment Number</u>	<u>Description</u>
None		

6.0 **RECORD REVIEW AND DISPOSITION**

The following records generated by this procedure shall be maintained by Records Management for the Permanent Plant File in accordance with NIP-RMG-01, Records Management

- Attachment 1, Emergency Announcement

The following records generated by this procedure are not required for retention in the Permanent Plant File:

- None

LAST PAGE

ATTACHMENT 1: EMERGENCY ANNOUNCEMENT

LOCAL AREA/BUILDING EVACUATION

(No emergency has been declared)

Instructions: (check boxes to select appropriate announcement)

1. Place GAItronics in Merge,
2. Sound the EVACUATION alarm for 10 seconds
3. Announce (if checked, include in announcement),
 - ☐ a. Attention, Attention all personnel, this (is / is not) _____ a drill.
 - ☐ b. Nine Mile Point (Unit 1 or 2) is ordering an evacuation of the (Unit 1 or 2): (Provide specific location or building to be evacuated) _____
 - ☐ c. Due to: (provide conditions necessitating the evacuation) _____
 - ☐ d. All personnel are to leave the (Unit 1 or 2) _____ (area/building)
 - ☐ 1. Staying clear of _____ (area/elevation) and report to _____
 - ☐ OR 2. Using the closest possible exit, and report to _____
 - ☐ e. Accountability is being performed, all personnel shall report to an assembly area, card in and remain in the area until further notice.
 - ☐ f. Personnel in protective clothing should (select appropriate):
 - ☐ 1. Leave the area removing PC's as indicated at the step off pad.
 - ☐ OR 2. Leave the area immediately and obtain Radiation Protection assistance at the control point.
 - ☐ g. I repeat this is/is not a drill.
4. Repeat the alarm and announcement.
5. Consult with opposite unit SSS and determine if GAItronics should be left in Merge (required for declared emergencies for the duration of the event).

NINE MILE POINT NUCLEAR STATION
EMERGENCY PLAN IMPLEMENTING PROCEDURE

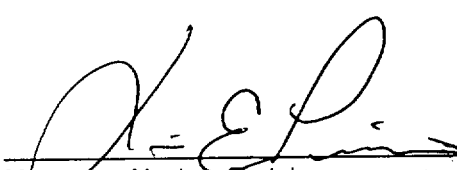
EPIP-EPP-22

REVISION 06

DAMAGE CONTROL

TECHNICAL SPECIFICATION REQUIRED

Approved by:
L. E. Pisano



Manager - Nuclear Training

11/20/01
Date

THIS IS A FULL REVISION

Effective Date: 11/26/2001

PERIODIC REVIEW DUE DATE: NOVEMBER, 2002

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1.0 **PURPOSE**

During a declared emergency, this procedure defines the process used to dispatch and control damage control teams (DCTs).

2.0 **RESPONSIBILITIES**

2.1 **Station Shift Supervisor/Emergency Director (SSS/ED)**

2.1.1 Prior to the OSC being activated, directs DCT actions as necessary to ensure the mitigation of the event through the use of:

- GAP-PSH-01, Work Control,
- EPIP-EPP-22, Damage Control

2.1.2 Following TSC and OSC activation:

- Informs the TSC Manager of procedure or emergency maintenance required to ensure mitigation of the event.
- Recommends priorities for DCT missions based upon nuclear safety and accident mitigation.

2.1.3 Authorizes emergency exposures in accordance with EPIP-EPP-15 if necessary, until relieved of ED duties.

2.2 **Emergency Director/Recovery Manager** ensures authorization of emergency exposures in accordance with EPIP-EPP-15, if needed.

2.3 **TSC Manager (TSCM)** evaluates, approves, and prioritizes the use of Damage Control Teams to perform emergency maintenance or other procedure actions which will minimize, control, or terminate the emergency condition.

2.4 **Maintenance Coordinator**

2.4.1 Approves damage control efforts and coordinates efforts between the TSC Manager, OSC Coordinator and SSS.

2.4.2 Provides technical and administrative direction to the Damage Control Teams through the OSC Coordinator.

2.5 **Operations Support Center (OSC) Coordinator** coordinates and supervises the overall emergency response operations of the (OSC).

2.6 Damage Control Team Coordinator (OSC)

2.6.1 Provides technical and administrative direction to Damage Control Teams as directed by the OSC Coordinator.

2.6.2 Assesses necessary personnel or equipment needs to effect emergency maintenance.

2.7 Damage Control Team (DCT)

2.7.1 Provides initial assessment of station damage

2.7.2 Performs emergency maintenance as directed by the DCT Coordinator.

2.8 Radiation Protection Team Coordinator (OSC)

2.8.1 Provides briefings on the radiological conditions associated with the Damage Control effort.

2.8.2 Provides Radiation protection support for DCT efforts.

2.9 Radiological Assessment Manager (TSC) approves Damage Control Team efforts and manages on-site radiological assessment aspects of an emergency.

2.10 Operations Personnel

2.10.1 Operators on shift and assigned damage control team (DCT) duties or control room actions by the CSO or SSS should:

- Continue with assigned activities as directed
- Maintain contact with the control room

2.10.2 Operators on shift and not assigned DCT duties or control room actions should:

- Report to the control room
- Upon direction by the SSS report to the OSC to assist in DCT activities.

2.10.3 Operators not on shift should report to the OSC for DCT assignment

2.11 Technical Data Coordinator (TDC) assigns TSC Technical Staff to assist the Maintenance Coordinator and/or DCT Coordinator to determine appropriate corrective/mitigative actions to be performed by the DCTs.

2.12 TSC Technical Staff as directed by the TDC:

- 2.12.1 Provides assistance in development of corrective/mitigative actions for DCTs
- 2.12.2 Assists in DCT briefings
- 2.12.3 Accompanies DCTs into the field to provide technical support.

3.0 PROCEDURE

NOTE: Checklists found in this procedure are intended to be used as guides.

3.1 The SSS/ED should:

- 3.1.1 Direct operations/maintenance personnel to perform required damage control activities until OSC activation or event termination, to include:
 - a. Emergency Maintenance per GAP-PSH-01.
 - b. DCT briefings prior to dispatch using Attachment 4.
 - c. Develop clearance per GAP-OPS-02 if required.
- 3.1.2 Upon TSC/OSC activation:
 - a. Direct operations personnel not actively participating in either damage control or control room activities to report to the OSC to support DCT efforts.
 - b. Ensure emergency maintenance or procedure activities needed are routed to the TSCM.
 - c. Ensure clearances are developed/approved per GAP-OPS-02 if required.
- 3.1.3 Authorize emergency exposures as required and in accordance with EPIP-EPP-15, until relieved.
- 3.1.4 Implement activities required by GAP-PSH-01, and recommend priorities of damage control teams.
- 3.1.5 For plant equipment/systems problems which are not considered emergency maintenance per GAP-PSH-01:
 - a. Direct ACR issuance as necessary to support recovery.
 - b. List the equipment/plant system and problem in the recovery actions list developed in accordance with EPIP-EPP-25.
- 3.1.6 Following activation of the TSC, periodically update the TSCM as to required emergency activities, recommend priority of work and provide reason work is needed.

3.1.7 Ensure damage control actions accomplished and or underway are included in ED/RM turnover.

3.1.8 Complete other actions as required by EPIP-EPP-18.

3.2 The TSCM should:

3.2.1 Obtain information concerning emergency maintenance or procedure needs, DCT missions and recommended priorities from the SSS/ED.

3.2.2 Ensure priorities of damage control missions are established to terminate or mitigate the consequences of the event. Review priorities using as necessary with:

- a. SSS/ED
- b. Tech Data Coordinator
- c. Maintenance Coordinator

3.2.3 For plant equipment/systems problems which are not considered emergency maintenance per GAP-PSH-01 and are not covered by other procedures:

- a. Ensure these are logged.
- b. Hold ACR issuance until after event termination.
- c. List the equipment/plant system and problem in the recovery actions list developed in accordance with EPIP-EPP-25.

3.2.4 Direct the update of status boards as DCT missions are added or complete.

3.2.5 Brief TSC staff on status of DCT missions.

3.2.6 Ensure completion of other actions required by EPIP-EPP-23.

3.3 The Maintenance Coordinator should:

3.3.1 Utilize the checklist in Attachment 1.

3.3.2 Ensure completion of other actions required by EPIP-EPP-23.

3.4 The OSC Coordinator should:

3.4.1 Oversee coordination of damage control missions.

3.4.2 Ensure completion of all actions required by EPIP-EPP-23.

3.5 The Damage Control Team Coordinator should:

3.5.1 Utilize the checklist in Attachment 2.

- 3.5.2 Ensure completion of other actions required by EPIP-EPP-23
- 3.6 The Radiation Protection Team Coordinator should:**
- 3.6.1 Provide briefings to Damage Control Teams on radiological topics identified in Attachment 4.
- 3.6.2 Ensure completion of other actions required by EPIP-EPP-23
- 3.7 The Damage Control Teams** should perform missions as assigned.
- 3.8 During a declared emergency, Operations Personnel** NOT actively participating in control room activities should:
- 3.8.1 Perform DCT activities as directed by the SSS/ED prior to the OSC activation.
- 3.8.2 When directed by the SSS/ED report to the OSC.
- 3.8.3 Standby for assignment to DCT.
- 3.8.4 When assigned to DCT:
- a. Participate in DCT briefing
 - b. Ensure DCT understands mission necessity from operations standpoint
 - c. Coordinate needed manipulations of plant systems/equipment through the CSO, or other personnel (as directed).
 - d. Ensure plant/system/equipment manipulations are carried out in accordance with approved procedures, or Work Plans
- 3.9 Upon announcement for the staffing of the OSC, Operations Personnel** directly involved in damage control (as directed by the SSS, ASSS or CSO) or control room activities should:
- 3.9.1 Contact the SSS/ED and request directions to:
- a. Either continue activities or
 - b. Return to control room or
 - c. Report to the OSC
- 3.9.2 Communicate with OSC as needed to complete mission.
- 3.10 The Technical Data Coordinator (TDC) should:**
- 3.10.1 Direct TSC Technical Staff to assist in DCT efforts as necessary.
- 3.11 The TSC Technical Staff** when directed or requested should:
- 3.11.1 Assist in development of DCT mission statements and work plans.

3.11.2 Provide technical assistance during DCT briefing sessions.

3.11.3 Accompany DCTs into the field after:

- Verifying individual RP and respiratory quals meet requirements for team.
- Attending DCT briefing.
- If quals not met, do not accompany DCT into field.

4.0 **DEFINITIONS**

None

5.0 **REFERENCES AND COMMITMENTS**

5.1 **Technical Specifications**

None

5.2 **Licensee Documentation**

Nine Mile Point Site Emergency Plan

5.3 **Standards, Regulations, and Codes**

None

5.4 **Policies, Programs and Procedures**

5.4.1 EPIP-EPP-15, Emergency Health Physics Procedure

5.4.2 EPMP-EPP-02, Emergency Equipment Inventories and Checklists

5.4.3 GAP-PSH-01, Work Control

5.4.4 GAP-OPS-02, Control of Hazardous Energy and Configuration Tagging

5.5 **Commitments**

<u>Sequence Number</u>	<u>Commitment Number</u>	<u>Description</u>
----------------------------	------------------------------	--------------------

None

6.0 RECORDS REVIEW AND DISPOSITION

6.1 The following records generated by this procedure shall be maintained by Records Management for the Permanent Plant File in accordance with NIP-RMG-01, Records Management:

NOTE: This section only applies when records are generated as the result of an actual emergency declared at Nine Mile Point.

- Attachment 1, Maintenance Coordinator Checklist
- Attachment 2, Damage Control Team Coordinator Checklist
- Attachment 4, Emergency Damage Control Summary Form

6.2 The following records generated by this procedure are not required for retention in the Permanent Plant File:

NOTE: This section only applies when records are generated as the result of activities other than actual events (such as drills and training).

- Attachment 1, Maintenance Coordinator Checklist
- Attachment 2, Damage Control Team Coordinator Checklist
- Attachment 4, Emergency Damage Control Summary Form

LAST PAGE

ATTACHMENT 1: MAINTENANCE COORDINATOR CHECKLIST

Page 1 of 2

Name:	Date:	Unit: <input type="checkbox"/> 1 <input type="checkbox"/> 2
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Check
Complete N/A

1. Confer with the TSCM, Tech Data Coordinator, OSC Coordinator and SSS to determine damage repair and inspection needs and DCT missions in progress prior to TSC/OSC activation CONTINUOUS
2. Obtain information on mission required from Tech Data Coordinator CONTINUOUS
3. Verify that each mission meets at least one of the following criteria: CONTINUOUS
 - Determined to be emergency maintenance as defined in GAP-PSH-01,
 - Is a visual inspection
 - Is required by EOP,SOP,OP or any other approved procedure as needed to mitigate or terminate the event
 - a. Mission statements should include (as applicable) (See examples in table): Information should be obtained from TSCM.
 - Task statement
 - Procedure number to be used (direct clerk to provide a copy of same to DCT summary form)
 - If activity needs to be coordinated with control room or other activity (whom to contact when ready to perform task)

Example #	Task Statement	Procedure	Coordinate with
1	Close valve WCS*MOV-112 manually at the valve located on Rx Bldg 240 east side	Work Plan is needed to complete the mission	Contact CSO (Smith) when ready to close valve
2	Perform actions in	N1-SOP-_____ N2-EOP-_____	As directed by (Jones) in the control room
3	Perform a visual (hands off) inspection of Switchgear NPS-001,	NA	Report findings immediately to the OSC Communicator.

4. For missions in progress prior to activation take the following actions:
 - a. Complete an "Attachment 4" for each identified mission ☐ ☐

NOTE: Approvals are not required for missions authorized by SSS/ED prior to TSC activation

 - b. Direct the OSC Coordinator to:
 - Establish communications with each DCT from the OSC ☐ ☐
 - Assume responsibility for DCTs from the SSS/CSO ☐ ☐

ATTACHMENT 1: MAINTENANCE COORDINATOR CHECKLIST

Page 2 of 2

Name:	Date:	Unit: <input type="checkbox"/> 1 <input type="checkbox"/> 2
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Check
Complete N/A

5. Inform the OSC Coordinator of upcoming missions to aid in a more proactive response by the OSC CONTINUOUS

6. Obtain required approvals for each Attachment 4 CONTINUOUS

NOTE: If emergency exposures are required, approval must be obtained in accordance with EPIP-EPP-15.

7. For each mission as required, gather information from the Tech Data Coordinator, the OSC Coordinator, DCT Coordinator, RP Team Coordinator, Engineering Staff and Security Liaison (during security events) and review:

- a. Mission (investigate, troubleshoot, repair, perform etc.) CONTINUOUS
- b. Priority (where it fits in overall picture) CONTINUOUS
- c. Why mission is important (why does the control room need this done) CONTINUOUS
- d. Steps to take to complete mission (review work plan requirements per GAP-PSH-01) CONTINUOUS
- e. When to report actions taken (we need to know when ...) CONTINUOUS
- f. Clearance requirements (if applicable) CONTINUOUS

8. Obtain any needed engineering assistance (troubleshooting steps, alternate fixes available, briefing assistance etc.) from the Tech Data Coordinator, and NED Coordinator CONTINUOUS

9. Maintain knowledge of the Damage Control Team progress via the OSC Coordinator CONTINUOUS

10. If an RWP is required, initiate an RWP in accordance with GAP-RPP-02 CONTINUOUS

11. Ensure for each Attachment 4 a copy is forwarded to OSC Coordinator CONTINUOUS

ATTACHMENT 2: DAMAGE CONTROL TEAM COORDINATOR CHECKLIST

Sheet 1 of 2

Name:	Date:	Unit: <input type="checkbox"/> 1 <input type="checkbox"/> 2
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A qualified Damage Control Team member is:

1. a. Listed in the List of Qualified (Damage Control Trained) Personnel for Staffing Emergency Positions;
 OR
 b. Is a qualified member of the Operations Department.
 AND
2. Self Contained Breathing Apparatus (SCBA) trained and verified using the most current Respiratory Status Report;

Typical Composition (use only those personnel required for the mission)

1. Normal Working Hours (as necessary)
 - a. Chief Mechanic/and or Electrician
 - b. Radiation Protection Technician
 - c. Maintenance or I&C personnel, as required
 - d. Operator, as required.
2. Off Hours
 - a. Operator
 - b. Radiation Protection Technician
 - c. Maintenance or I&C personnel, as available

**Check
Complete N/A**

1. Using Attachment 4, assist the OSC Coordinator (as necessary) in the development of a work plan sufficient to complete the mission. (Use GAP-PSH-01 as a guide) (Work plans not required for procedurally driven missions).....**CONTINUOUS**
2. Using Attachment 4, assess mission and determine personnel, qualification requirements and equipment needs to effect emergency repairs**CONTINUOUS**
3. Using Attachment 4, select only those qualified personnel actually needed to complete mission:**CONTINUOUS**

NOTE: Anyone may be assigned to assist in DCT efforts provided they:

- Are accompanied by a qualified DCT personnel,
- Meet the RP/Respiratory requirements for the mission,
- Attend the DCT briefing

ATTACHMENT 2: DAMAGE CONTROL TEAM COORDINATOR CHECKLIST

Sheet 2 of 2

Name:	Date:	Unit: <input type="checkbox"/> 1 <input type="checkbox"/> 2
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**Check
Complete N/A**

4. Identify and document the tools, equipment, and supplies required to complete the mission on "Attachment 4"
CONTINUOUS

 - a. Include special items/materials that may be of assistance in timely completion of the mission.
 - b. If the mission requires entry into or through a radiologically hazardous area, ensure coordination with the RAM or designee.
5. Coordinate completion of "Attachment 4", with the OSC Coordinator
CONTINUOUS
6. Provide technical and administrative direction to Damage Control Teams, as required for the completion of the mission
CONTINUOUS

 - a. If determined necessary through the review and approval process, direct the Damage Control Team to carry out a dry run of the mission
7. Ensure Damage Control Teams are briefed on the mission using Attachment 4
CONTINUOUS
8. Dispatch Damage Control Teams when briefing is completed and approvals obtained
CONTINUOUS

NOTES:

 1. IF directed by Maintenance Coordinator, Damage Control Teams may be dispatched with verbal authorization from the TSC rather than waiting for the signed Emergency Damage Control Summary Form.
 2. Depending upon the urgency of the situation and the radiological conditions, the Damage Control Team may be dispatched by the TSC without an RWP with a Radiation Protection Technician providing continuous radiological job coverage.
9. Return original copy of Attachment 4, to OSC Coordinator when it is completed
CONTINUOUS
10. Keep OSC personnel and the OSC Coordinator informed of damage control activities
CONTINUOUS
11. Debrief the Damage Control Teams as appropriate using Attachment 4
CONTINUOUS

ATTACHMENT 3: EQUIPMENT LOCATIONS

1. Communications Equipment - OSC Emergency Equipment Cabinet
2. Unit 1 Fire Kits -

Turbine Bldg. El 261', 1st and Bridge
Screenhouse El 261', SW Corner
Admin. Bldg. El 261', Vestibule
3. Unit 2 Fire Kits -

Access Passageway El 261'
Screenwell Bldg., El 261', Southwest
Turbine Bldg., El 250', Southeast
4. In plant Survey Equipment - OSC Emergency Equipment Cabinet - Unit 1 Storeroom NE
5. Protective Gear - OSC Emergency Equipment Cabinet - Unit 1 Storeroom
6. Rescue Cabinet - OSC - El. 261', Vestibule
7. Tools - Maintenance Shop
8. Electrical Damage Repair Supplies - Storeroom (Unit 1)
9. Damage Control Tools - Screen House (Unit 1)
10. High Intensity Lights - OSC Emergency Equipment Cabinet - Unit 1 Storeroom

- NOTES:**
1. EPMP-EPP-02, "Emergency Equipment Inventories and Checklists", provides a complete description of the equipment contained within the Damage Repair Supplies.
 2. Additional equipment may be obtained from the Maintenance Shop, storeroom, or other station equipment storage areas.
 3. Equipment from other resources, such as rental equipment companies, may be obtained through the Administrative/Logistics Manager located in the Emergency Operations Facility (EOF).
 4. Parts may be obtained through the warehouse at Unit 1, Unit 2 or the main warehouse. (Obtain keys from key cabinet)

ATTACHMENT 4: EMERGENCY DAMAGE CONTROL SUMMARY FORM

Complete a new form for each mission

Page 1 of 5

Team #:	TSC ACTIONS		Date:
(OSC completes)	Priority: _____	(As compared to other DCT Missions)	Time:
TO BE COMPLETED BY THE MAINTENANCE COORDINATOR, OR DESIGNEE	1. Mission/Task/Procedure/Location (include Procedure Number if available)		
	Notes: <ul style="list-style-type: none"> • Mission should be clear and specific (see examples on checklist) • Include as applicable: <ul style="list-style-type: none"> - Procedure number (EOP/SOP number and associated steps, obtain from TSCM) and Attach appropriate sections. - Indicate work plan is needed if work is not being performed IAW a procedure, unless mission is a visual inspection 		
	2. Approvals (Initials/Date)		
Maintenance Coordinator Approval: (Initial/time)		<input type="checkbox"/> Tech Data Coordinator Informed: (Initial/time)	
<input type="checkbox"/> NA, Approved prior to TSC/OSC activation			
Radiation Assessment Manager Approval: (Initial/time)		TSCM Approval: (initial/time)	
<input type="checkbox"/> NA, Approved prior to TSC/OSC activation		<input type="checkbox"/> N/A, Approved prior to TSC/OSC activation	
Emergency Exposures Required for this mission:		<input type="checkbox"/> For security related events, security notified	
<input type="checkbox"/> Yes- Implement actions of EPIP-EPP-15. <input type="checkbox"/> EPIP-EPP-15 actions completed			
<input type="checkbox"/> NO			

ATTACHMENT 4: EMERGENCY DAMAGE CONTROL SUMMARY FORM

Page 2 of 5

To be completed by the DCT Coordinator	OSC ACTIONS	
3. Damage Control Team Designation		
NOTE: For Operations missions such as EOP/SOP actions, only a qualified operator and RP technician are required Use only those personnel actually required to complete the mission		
Title	Name	Emerg. Exposure Authorization
Team Leader		
R.P. Technician		
Operator		
Electrical		
Mechanical		
Others (Identify)		
4. Equipment		5. References
Tools & Equipment Req'd <input type="checkbox"/> Tool Cart/Box <input type="checkbox"/> Other _____ Protective Gear/Dosimetry Req'd <input type="checkbox"/> As Req'd per RWP <input type="checkbox"/> Other _____		RWP # _____ Procedures: _____ Maps: _____ Other: _____
To be completed by The DCT Coordinator	6. Work Plan (Add additional sheets as necessary, or add procedure)	
Procedure No. _____ (attached) Required for work plans-SRO Review of Plant Impact <div style="text-align: right;">_____</div> <div style="text-align: right;">Print Name/Initial/Date</div>		
NOTE: Technical assistance for work plan development may be obtained from TSC Technical Staff		

ATTACHMENT 4: EMERGENCY DAMAGE CONTROL SUMMARY FORM

Page 3 of 5

Team #:	Date:	Unit: <input type="checkbox"/> 1 <input type="checkbox"/> 2
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Check
Complete N/A

PRE-JOB BRIEFING CHECKLIST

NOTES:

- The following numbered actions may be accomplished in any order.
- Use repeat-backs on key briefing points to ensure clear understanding.

- Briefing should be obtained from one or more of the following: ☐ ☐
 - OSC Coordinator
 - Damage Control Team Coordinator
 - Radiation Protection Team Coordinator
 - TSC Engineering staff (as appropriate)
 - Operations SRO
- Obtain needed emergency equipment from the OSC emergency cabinets, Maint. Shop, storeroom, or from normal station supplies (see Attachment 3) ☐ ☐
- The pre-job briefing should include, as applicable:

NOTE: **For procedure driven tasks or visual inspections the briefing may be extremely short.**

- Required damage assessment and repair activities:
 - * 1. Mission statement/purpose/scope ☐ ☐
 2. Tools and equipment required, where to obtain, what parts needed ☐ ☐
 3. Necessary procedures, prints, manuals, etc. ☐ ☐
 4. Review of work plan or procedures used to conduct mission ☐ ☐
 5. Review/walkdown any clearances issued for mission ☐ ☐
 6. Review any other safety issues applicable to the mission (electrical, mechanical hazards, etc.) ☐ ☐
 - * 7. Verify task qualifications per task qualification matrix ☐ ☐
 8. Conditions for stopping work ☐ ☐
- Plant status: (Only if required for mission)
 1. Emergency Classification ☐ ☐
 2. Abnormal shutdown conditions ☐ ☐
 3. Safety systems initiated ☐ ☐
 4. Problems that may cause plant conditions to deteriorate ☐ ☐
- * Radiological Conditions: (as required)
 1. Abnormal radiological conditions ☐ ☐
 2. Anticipated radiation and contamination levels ☐ ☐
 3. Suggested routes ☐ ☐
 4. Respiratory requirements ☐ ☐
 5. Exposure limits ☐ ☐
 6. Review of the Radiation Work Permit (to be used for this mission) ☐ ☐
 7. Conditions that require return to OSC ☐ ☐

* Indicates items that are needed to be checked when the mission is only a visual inspection.

ATTACHMENT 4: EMERGENCY DAMAGE CONTROL SUMMARY FORM

Page 4 of 5

Team #:	Date:	Unit: <input type="checkbox"/> 1 <input type="checkbox"/> 2
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- | | | Check
Complete | N/ |
|------|--|--------------------------|--------------------------|
| * d. | <u>If accountability or an evacuation is announced, this DCT should:</u> | | |
| | 1. Remain in field performing mission, OR | <input type="checkbox"/> | <input type="checkbox"/> |
| | 2. Call back to OSC to determine actions, OR | <input type="checkbox"/> | <input type="checkbox"/> |
| | 3. Immediately return to OSC and card-in | <input type="checkbox"/> | <input type="checkbox"/> |
| * e. | <u>Verify all DCT members understand mission</u> | <input type="checkbox"/> | <input type="checkbox"/> |

NOTES:

- Portable radios do not work in the OSC Core area. To check the radios you must be in the plant or outside the Unit 1 Admin Building.
- At Unit 1 use Channel #3 for all teams.
- At Unit 2 use Channel #4 for Rad Teams and Channel #6 for DCT members.

- * 4. Conduct radio check by contacting OSC and TSC communicators prior to entering plant..... ☐ ☐

Briefing Completed By: _____ **Time Completed:** _____

Overview
(steps 1-3a,d,e & 4)
OSC Coordinator
DCT Coordinator Operations SRO)

Initials _____

Radiation Protection
(Step 3c)

Initials _____

Engineering
(As appropriate)

Initials _____

* Indicates items that are needed to be checked when the mission is only a visual inspection.

ATTACHMENT 4: EMERGENCY DAMAGE CONTROL SUMMARY FORM

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Team #:	Date:	Unit: <input type="checkbox"/> 1 <input type="checkbox"/> 2
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**Check
Complete N/A**

POST-JOB DEBRIEFING CHECKLIST

1. Debrief the DCT upon completion of assigned mission, to include the following:

- a. Any hazards encountered on way to or from DCT location (Provide notes below)..... ☐ ☐

- b. Radiological conditions on way to DCT scene, at DCT scene, on return trip (provide notes below)..... ☐ ☐

- c. Problems encountered with DCT activities (provide notes below)..... ☐ ☐

- d. Mission successful/not successful (include why or why not)..... ☐ ☐

- e. Additions to mission pre-brief that would have assisted in performance of mission..... ☐ ☐

- f. Verify requirements of GAP-PSH-01 for emergency maintenance are complete..... ☐ ☐
- g. QA notified:(Name/Time): _____
- h. ACR #_____ (Only for work completed as emergency maintenance, not required for visual inspections)
- i. DER #_____ (Only for work completed as emergency maintenance) not required for visual inspections)

Debrief completed by(print name/initial): _____

Time: completed _____

NINE MILE POINT NUCLEAR STATION
EMERGENCY PLAN IMPLEMENTING PROCEDURE

EPIP-EPP-23

REVISION 11

EMERGENCY PERSONNEL ACTION PROCEDURES

TECHNICAL SPECIFICATION REQUIRED

Approved by:
L. E. Pisano



Manager - Nuclear Training

11/20/01
Date

THIS IS A FULL REVISION

Effective Date: 11/26/2001

PERIODIC REVIEW DUE DATE: NOVEMBER, 2002

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1.0 PURPOSE

The attachments to this procedure list tasks that should be completed by emergency personnel at the Emergency Response Facilities depending on the nature and severity of the emergency situation.

2.0 RESPONSIBILITIES

2.1 All Emergency Response Personnel responding to an emergency are responsible for implementing the applicable actions of this attachment when reporting to an Emergency Response Facility.

2.2 The TSC Manager is responsible for coordinating the mitigation of the emergency situation by:

2.2.1 Ensuring communications with the SSS/ED or ED/RM concerning Emergency Classifications as appropriate.

2.2.2 Utilizing engineering resources available in the TSC

2.2.3 Ensuring the safety of personnel within the Protected Area

2.2.4 Providing for necessary damage control functions

2.2.5 Providing for regular and continued communications with the NRC

2.2.6 Coordinating the security needs of the NMPNS with the security department.

2.3 The Technical Data Coordinator is responsible for:

2.3.1 Making the TSC operational

2.3.2 Directing and coordinating Technical Department personnel in the analysis of emergency conditions in support of Emergency Classifications and event mitigation strategies.

2.3.3 Development of plans and procedures in support of station operations personnel.

2.4 The Reactor Analyst Coordinator is responsible for:

2.4.1 Analyzing and resolving reactor physics related problems

2.4.2 Assisting in the development of emergency operating procedures for conducting emergency operations

2.4.3 Performing core damage estimates per EPIP-EPP-09.

2.5 The Maintenance Coordinator is responsible for the management of all maintenance efforts to provide technical and administrative direction to Damage Control Teams through the OSC Damage Control Team Coordinator and/or the Operations Support Center Coordinator

- 2.6 The Radiological Assessment Manager is responsible for managing the on-site dose assessment aspects of an emergency to determine radiological consequences and hazards to station personnel.
- 2.7 The Rad Support Staff is responsible for providing technical and administrative direction to In-Plant monitoring and sampling/survey teams, and post accident sampling team(s).
- 2.8 The Dose Assessment Advisor is responsible for providing:
- 2.8.1 Meteorological data
 - 2.8.2 Determining effluent release rate
 - 2.8.3 Off-site radiological assessment
 - 2.8.4 Protective Action Recommendations for SSS/ED approval.
- 2.9 The Security Liaison is responsible for maintaining:
- 2.9.1 Communications link between Site disciplines
 - 2.9.2 Security Tactical Operations Center (STOC)
 - 2.9.3 Updating the TSC Manager and staff on current, on-going security events
 - 2.9.4 Communicating command directives from the TSC Manager to the Security Coordinator in the STOC (when staffed).
- 2.10 The TSC Communicator is responsible for maintaining liaison with the Control Room Communicator EOF Communicator located in the EOF Technical Assessment Room and providing the technical interface between the EOF, TSC and the Control Rooms.
- 2.11 The NED Coordinator is responsible for coordinating Nuclear Engineering Department support and Licensing.
- 2.12 The Operations Support Center Coordinator is responsible for making the OSC operational, coordinating and supervising the overall emergency response operations of the OSC.
- 2.13 The OSC Communicator is responsible for maintaining communications with the Control Rooms, Technical Support Center (TSC) and Damage Control Teams.
- 2.14 The Personnel Accountability Coordinator is responsible for the accounting of all personnel remaining within the protected area during accountability.
- 2.15 The Radiation Protection Team Coordinator is responsible for providing technical and administrative direction to survey/sample teams and determining OSC habitability.

2.16 The Damage Control Team Coordinator is responsible for:

- 2.16.1 Providing technical and administrative direction to Damage Control Teams
- 2.16.2 Providing an assessment of any damaged equipment and necessary personnel or equipment needs to effect emergency repairs,
- 2.16.3 Keeping OSC personnel apprised of Damage Control and Repair activities
- 2.16.4 Assuring that Damage Repair Team leaders maintain accountability of their team members at all times.

2.17 The STOC Security Coordinator is responsible for:

- 2.17.1 Maintaining plant security
- 2.17.2 Instituting appropriate measures per the Site Security Plan or as directed by SSS/ED, TSC Manager or the ED/RM
- 2.17.3 Assisting the Personnel Accountability Coordinator in search and rescue activities to account for missing personnel.

2.18 The Emergency Director/Recovery Manager is responsible for managing all aspects of the NMPC response to an emergency at NMPNS.

2.19 The Technical Liaison Advisory Manager is responsible for:

- 2.19.1 Advising the ED/RM on technical/engineering matters
- 2.19.2 Coordinating an advisory group comprised of technical and managerial personnel from government, contract and consultant support organizations.

2.20 The Administrative/Logistics Manager is responsible for administrative and logistic functions required to support the entire off-site and on-site emergency organizations. The types of support services could include:

- 2.20.1 General Administration (Non-technical staffing)
- 2.20.2 Transportation of materials, personnel, etc.
- 2.20.3 Personnel administration and accommodations
- 2.20.4 Purchasing
- 2.20.5 Petty Cash
- 2.20.6 Outside plant support
- 2.20.7 Commissary

- 2.20.8 Safety
- 2.20.9 Sanitation
- 2.20.10 Human Resources
- 2.20.11 Communications
- 2.21 The Security Director is responsible for:
 - 2.21.1 Providing overall direction for security and traffic control at the NMPC facilities,
 - 2.21.2 Providing additional security personnel (as required),
 - 2.21.3 Coordinating with the Security Coordinator the off-site security and police forces involved in the emergency.
- 2.22 The EOF Administrator is responsible for EOF setup, staffing, operations and equipment and coordinates these activities with the Administrative Logistics Manager (ALM).
- 2.23 The Off-Site Dose Assessment Manager (ODAM) is responsible for managing the off-site dose assessment aspects of an emergency to determine radiological consequences and hazards to the general public for the purpose of protective action recommendations.
- 2.24 The Joint News Center Director (JNC Director) is responsible for:
 - 2.24.1 Preparing news releases,
 - 2.24.2 Coordinating all outgoing public information,
 - 2.24.3 Ensuring news releases are reviewed and approved by the ED/RM or SSS/ED as appropriate,
 - 2.24.4 Ensuring news releases are provided timely and accurate to public officials, the press and the general public.
- 2.25 The EOF-JNC Liaison is responsible for coordinating all outgoing information and ensuring news releases are provided to the ED/RM (as appropriate).
- 2.26 The Environmental Survey/Sample Team Coordinator is responsible for:
 - 2.26.1 Providing technical and administrative direction to environmental monitoring teams during a declared emergency,
 - 2.26.2 Assisting in the evaluation of on-site and off-site dose assessment aspects of an emergency to determine potential or actual radiological impacts to site personnel and the general public based on environmental measurements.

- 2.27 The Control Room Communicator is responsible for providing the Emergency Response Facilities (ERF) with plant conditions/events, systems status, and operator responses and actions.
- 2.28 Dose Assessment Staff are responsible for providing assistance as directed by the ODAM.
- 2.29 EOF Radiation Protection Technician is responsible for providing assistance as directed by the ODAM.
- 2.30 Plant Information Coordinator reports to the EOF Administrator and is responsible for maintaining status boards in the EOF and ensuring the Part I Notification Fact Sheet is completed and provided to the ED/RM.
- 2.31 EOF Tech Staff are responsible for providing assistance as directed by the EOF Administrator.
- 2.32 EOF Communicator is responsible for maintaining contact with the TSC and Control Room Communicator to ensure plant related information is relayed to the EOF.
- 2.33 County Liaison is responsible for reporting to the Oswego County EOC upon notification and providing technical assistance as requested.
- 2.34 State Liaison is responsible for reporting to the New York State EOC when directed and providing technical assistance requested.
- 2.35 Chemistry Support (TSC) personnel are responsible for assisting the RAM as assigned for Chemistry related activities.
- 2.36 Fuels Engineer is responsible for assisting the NED Coordinator as assigned for engineering support functions necessary to address the emergency response activities.
- 2.37 Mechanical and Electrical Engineers are responsible for assisting the NED Coordinator as assigned for engineering support functions necessary to address the emergency response activities in their area of expertise.
- 2.38 HPN Communicator is responsible for assisting the RAM in maintaining necessary contact with and supplying necessary information to the NRC.
- 2.39 Technical Support Staff are responsible for assisting the Technical Data Coordinator as assigned for technical support functions necessary to address the emergency response activities in their area of expertise.
- 2.40 ENS Communicator is responsible for assisting the Technical Data Coordinator in maintaining necessary contact with and supplying necessary information to the NRC.

3.0 PROCEDURE

Each individual for which attachments are provided should use the appropriate attachment for that emergency position to perform the unique actions.

4.0 DEFINITIONS

None

5.0 REFERENCES AND COMMITMENTS

5.1 Licensee Documentation

Nine Mile Point Site Emergency Plan

5.2 Technical Specifications

None

5.3 Standards, Regulations, Codes

NUREG-0654, Criteria for Preparation and Evaluation of Radiological Emergency Response Plans and Preparedness in Support of Nuclear Power Plants

5.4 Policies, Programs and Procedures

5.4.1 EPIP-EPP-01/02, Classification of Emergency Conditions at Unit 1/2

5.4.2 EPIP-EPP-03, Search and Rescue

5.4.3 EPIP-EPP-04, Personnel Injury or Illness

5.4.4 EPIP-EPP-05A, Local Area/Building Evacuation

5.4.5 EPIP-EPP-05B, Protected Area Evacuation

5.4.6 EPIP-EPP-05C, Exclusion Area Evacuation

5.4.7 EPIP-EPP-05D, Accountability

5.4.8 EPIP-EPP-06, In-Plant Emergency Surveys

5.4.9 EPIP-EPP-07, Downwind Radiological Monitoring

5.4.10 EPIP-EPP-08, Off-Site Dose Assessment and Protective Action Recommendations

5.4.11 EPIP-EPP-09, Determination of Core Damage Under Accident Conditions

- 5.4.12 EPIP-EPP-12, Re-Entry Procedure
- 5.4.13 EPIP-EPP-13, Emergency Response Facilities Activation and Operation
- 5.4.14 EPIP-EPP-15, Health Physics Procedure
- 5.4.15 EPIP-EPP-16, Environmental Monitoring
- 5.4.16 EPIP-EPP-17, Emergency Communications Procedures
- 5.4.17 EPIP-EPP-18, Activation and Direction of the Emergency Plan
- 5.4.18 EPIP-EPP-20, Emergency Notifications
- 5.4.19 EPIP-EPP-22, Damage Control
- 5.4.20 EPIP-EPP-25, Emergency Reclassification and Recovery
- 5.4.21 EPIP-EPP-27, Emergency Public Information Procedure
- 5.4.22 EPIP-EPP-31, Control Room Support Functions

5.5 Commitments

<u>Sequence Number</u>	<u>Commitment Number</u>	<u>Description</u>
1	NCTS 003093-14	OSC Coordinator should assure exterior doors are closed.
2	NCTS 003093-04	Personnel Accountability Coordinator should keep OSC Coordinator informed.
3	NCTS 003093-04	OSC Coordinator should keep Maintenance Coordinator informed of accountability activities.
4	NCTS 003170-14	Technical Data Coordinator should review status boards for accuracy.
5	NCTS 003152-02	Assure that the HPN Hotline is continuously manned by a technically qualified member of the Radiological or Dose Assessment Group. Decide whether the HPN Hotline is to be manned from the TSC or the EOF.
6	NCTS 503911-00	Change emergency procedures to accommodate increased Control Room dose during a LOCA due to increased MSIV Leakage.

6.0 RECORD REVIEW AND DISPOSITION

- 6.1 The following records generated by this procedure shall be maintained by Records Management for the Permanent Plant File in accordance with NIP-RMG-01, Records Management.

NOTE: This section only applies when records are generated as the result of an actual emergency declared at Nine Mile Point.

- ATTACHMENT 2 thru ATTACHMENT 40

- 6.2 The following records generated by this procedure are not required for retention in the Permanent Plant File.

NOTE: This section only applies when records are generated as the result of activities other than actual events (such as drills and training).

- ATTACHMENT 2 thru ATTACHMENT 40

LAST PAGE

ATTACHMENT 1: ERF GENERAL ACTIVITIES

1. Observe and adhere to frisking requirements as required.
2. If responding within five hours of alcohol consumption (NIP-FFD-01, 3.7), inform the Security Director and cooperate with Security for Fitness for Duty determination.
3. Upon arrival at the ERF, or upon hearing the announcement for accountability, card in at the accountability card reader. (Card in one time only for accountability).
4. Adhere to posted requirements for eating/drinking restrictions.
5. Assist in the activation of the facility if needed.
6. Perform respective duties per the Emergency Plan Implementing Procedures.
7. Sign in on the ERF staffing board.
8. Give/Receive complete turnover of emergency situation before being relieved or assuming ERO duties.
9. Maintain a log of activities performed for the emergency.
10. As necessary, update personnel within your area of responsibility on changing plant conditions.
11. Ensure personnel actively assigned to you are accounted for at all times.
12. IF: You are located in or normally report to the TSC or OSC,
AND: The TSC/OSC are reported to be uninhabitable,
THEN: Report to the control room of the unit declaring the event, and continue ERO duties
13. As necessary, determine need for additional equipment, supplies and/or personnel.
14. Ensure travel restrictions due to safety or radiological conditions are provided to responding personnel.
15. Inform Security Director if responding personnel do not have required identification to gain access to NMPNS.
16. Upon termination of the emergency or at shift change:
 - a. Sign out at registration log or card out at accountability card reader.
 - b. Turn in dosimetry.
17. Retain for inclusion in the Permanent Plant File all records generated as a result of an actual declared emergency.

ATTACHMENT 2: TSC MANAGER

Page 1 of 4

Name:	Date:	Unit <input type="checkbox"/> 1 <input type="checkbox"/> 2
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- NOTES:**
1. All steps should be performed.
 2. Use N/A or N/R if appropriate.
 3. Maintain a log documenting other activities.
 4. Ensure actions required by Attachment 1, ERF General Actions are accomplished.

- | | <u>Complete</u> | <u>N/A</u> |
|---|--------------------------|--------------------------|
| 1. Contact SSS/ED for status report on the following topics: | | |
| • Plant Status/Indicators | <input type="checkbox"/> | <input type="checkbox"/> |
| • Assessment of radiological conditions/concerns | <input type="checkbox"/> | <input type="checkbox"/> |
| • EOPs/other procedures in use | <input type="checkbox"/> | <input type="checkbox"/> |
| • In plant teams/operators dispatched | <input type="checkbox"/> | <input type="checkbox"/> |
| • Assistance needed | <input type="checkbox"/> | <input type="checkbox"/> |
| • NRC Communication status | <input type="checkbox"/> | <input type="checkbox"/> |
| • Other information pertinent to plant conditions status during the event | <input type="checkbox"/> | <input type="checkbox"/> |
| • Control room clock time | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Upon arrival at the TSC, declare the facility operational in accordance with EPIP-EPP-13 | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. When time permits, insure that all ERO members qualification status is current using the following actions: | | |
| a. Utilize the instructions on the first page of the ERO qualification list. | | |
| b. If an ERO members qualification status is lapsed OR cannot be determined: | | |
| 1. Immediately replace the ERO member with a qualified individual, OR | | |
| 2. Provide direct oversight of the unqualified individual until such time that a qualified replacement can be obtained. | | |
| NOTE: Personnel who are not ERO qualified may perform required actions ONLY with direct oversight from an ERO member qualified in the action(s) being performed | <input type="checkbox"/> | <input type="checkbox"/> |
| 4. Direct the Tech. Data Coordinator to assume NRC/ENS communications responsibilities in accordance with EPIP-EPP-20 | <input type="checkbox"/> | <input type="checkbox"/> |
| 5. Implement appropriate emergency implementing procedures for the conditions at hand. | | CONTINUOUS |
| 6. If there is a failure of the security computer following commencement of accountability, THEN direct all TSC coordinators to provide a list of their personnel to the Personnel Accountability Coordinator | <input type="checkbox"/> | <input type="checkbox"/> |
| 7. Determine adequate staffing needed in the TSC based on the emergency conditions in accordance with EPIP-EPP-13 | | CONTINUOUS |
| 8. When it is known that a release to the environment in excess of technical specifications has begun, request the SSS make a status announcement in accordance with EPIP-EPP-18. | <input type="checkbox"/> | <input type="checkbox"/> |

ATTACHMENT 2: TSC MANAGER

Page 2 of 4

Name:	Date:	Unit <input type="checkbox"/> 1 <input type="checkbox"/> 2
-------	-------	--

- | | <u>Complete</u> | <u>N/A</u> |
|---|--------------------------|--------------------------|
| 9. Should a radiological problem exist, request from the RAM the status of habitability in the TSC | <input type="checkbox"/> | <input type="checkbox"/> |
| 10. <u>IF:</u> The TSC/OSC is or becomes inoperable for any reason including habitability, | | |
| <u>THEN:</u> Declare the TSC/OSC inoperable, | <input type="checkbox"/> | <input type="checkbox"/> |
| <u>AND:</u> a. Inform the SSS/ED and or the ED/RM | <input type="checkbox"/> | <input type="checkbox"/> |
| b. Coordinate with the RAM to determine appropriate route for personnel to take to get to the affected unit control room while ensuring dose remains ALARA | <input type="checkbox"/> | <input type="checkbox"/> |
| c. Direct personnel to | <input type="checkbox"/> | <input type="checkbox"/> |
| 1) Take the necessary materials to do their jobs, | | |
| 2) Go to the affected unit control room using the route determined, | | |
| 3) Card in upon arrival. | | |
| d. Ensure disruption of control room activities is minimized by instructing personnel where to stage upon arrival. Personnel are to stage within the control room envelope. Consider | <input type="checkbox"/> | <input type="checkbox"/> |
| • <u>For Unit 1:</u>
TSC personnel stage behind control room panels
OSC personnel stage in aux control room | | |
| • <u>For Unit 2:</u>
TSC personnel stage behind control panels in rear of control room, or operations break room
OSC personnel stage in relay room or in hallway surrounding the control room | | |
| e. Using available communications equipment and other materials brought with them, continue ERO duties from these locations. | <input type="checkbox"/> | <input type="checkbox"/> |
| 11. When notified by the SSS of a plant status change, ensure you review: | | |
| a. Corrective actions in progress, associated priority and status of those actions | | CONTINUOUS |
| b. Determine what additional corrective actions are required and associated priority | | CONTINUOUS |
| c. Convey to the TSC staff new or changed actions and associated priorities | | CONTINUOUS |
| 12. Ensure status updates to station emergency personnel are made as appropriate. | | CONTINUOUS |
| 13. Direct TSC Staff to provide updates (approximately every 30 minutes) of the status of events in their area of responsibility over the TSC P.A. system. Provide them with about 5 minutes advance notice to allow them time to prepare their reports (use Attachment 2, Figure 1 as a guide) | <input type="checkbox"/> | <input type="checkbox"/> |
| 14. Contact RAM for in-plant and environmental (downwind) Survey Team results: | | |
| a. In plant survey data received | <input type="checkbox"/> | <input type="checkbox"/> |

ATTACHMENT 2: TSC MANAGER

Page 3 of 4

Name:	Date:	Unit <input type="checkbox"/> 1 <input type="checkbox"/> 2
-------	-------	--

Complete N/A

14. (Cont)
 - b. Environmental (downwind) survey data received ☐ ☐
15. Evaluate plant status and effectiveness of emergency actions.
 As appropriate, redirect emergency actions or recommend to
 the ED/RM terminating the emergency in accordance with
 EPIP-EPP-25, "Emergency Reclassification and Recovery" **CONTINUOUS**
16. If advised by the RAM direct initiation of Control Room(s),
 and TSC Emergency Ventilation (if appropriate and
 not already accomplished) ☐ ☐
17. Contact Control Room(s) (via the Directors phone)- obtain
 update of situation, as appropriate **CONTINUOUS**
18. Continue corrective actions as required **CONTINUOUS**
19. Ensure Damage Control Teams are dispatched in accordance
 with EPIP-EPP-22, as appropriate **CONTINUOUS**
20. When contacted by the ED/RM, provide update as to
 plant/emergency status information to include:
 - Plant Status ☐ ☐
 - Assessment of in plant radiological conditions and concerns . ☐ ☐
 - DCT status, mitigative actions underway ☐ ☐
 - Core damage estimates (when available) ☐ ☐
 - Additional personnel needs (if any) ☐ ☐
21. Request the ED/RM obtain assistance, if any, required from
 JAFNPP or other organizations ☐ ☐
22. As plant conditions change update the ED/RM **CONTINUOUS**
23. In consultation with the ED/RM and TSC staff, review organizational
 requirements and ensure sufficient qualified personnel are
 available for 24-hour coverage. Arrange schedules and obtain
 extra personnel as necessary. ☐ ☐
24. Direct retention for inclusion in the Permanent Plant File all
 records generated as a result of an actual declared emergency ☐ ☐

ATTACHMENT 2
FIGURE 1

Page 4 of 4

INGREDIENTS FOR A GOOD UPDATE

- ☐ "Attention in the TSC; This (is/is not) a drill; This is an Update." - by TSCM
- ☐ Emergency Classification - by TSCM
- ☐ Plant Status (should take <2 minutes per discipline)
 - Briefly - Where we've been.... - by TSCM
 - Where we are - by TSCM
 - Where we are going.....time frame if known - by TSCM
- ☐ Release information - provided by RAM
- ☐ DCT Priorities and status - provided by Maintenance Coordinator
- ☐ Mitigative Strategies (what are we trying to do, and why?) - Tech Data Coordinator
- ☐ Security Activities - provided by Security Liaison
- ☐ "What other information or corrections does anyone have that relate to our status or plan?" - by TSCM
- ☐ "Any questions?" - by TSCM
- ☐ "End of update" - by TSCM

ATTACHMENT 3: TECHNICAL DATA COORDINATOR

Page 1 of 4

Name:	Date:	Unit <input type="checkbox"/> 1 <input type="checkbox"/> 2
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- NOTES:**
1. All steps should be performed.
 2. Use N/A or N/R if appropriate.
 3. Maintain a log documenting other activities.
 4. Ensure actions required by Attachment 1, ERF General Actions are accomplished.

- | | <u>Complete</u> | <u>N/A</u> |
|--|--------------------------|--------------------------|
| 1. Activate the TSC as necessary per EPIP-EPP-13. | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Verify that sufficient numbers of secondary responders are available and are reporting to the emergency facility by reviewing the fax from Community Alert Network (CAN) located at the CAN designated fax. | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. If an exclusion area evacuation has been ordered, perform actions in accordance with EPIP-EPP-05C | <input type="checkbox"/> | <input type="checkbox"/> |
| 4. Coordinate with the Technical Liaison Advisory Manager in the EOF and enter information onto the INPO Nuclear Network System | <input type="checkbox"/> | <input type="checkbox"/> |
| 5. Determine need for and request additional equipment, supplies and manpower (use Attachment 3, Table 1) | | CONTINUOUS |
| 6. Obtain briefing from TSC Manager on plant status, corrective actions in progress, and identified or anticipated needs from the technical group | | CONTINUOUS |
| 7. Verify sufficient personnel are present to assist in the following duties: | | |
| • Reactor Analyst Coordinator | <input type="checkbox"/> | <input type="checkbox"/> |
| • ENS Communicator | <input type="checkbox"/> | <input type="checkbox"/> |
| • Support Staff | <input type="checkbox"/> | <input type="checkbox"/> |
| • TSC Communicator | <input type="checkbox"/> | <input type="checkbox"/> |
| • Control Room Communicator | <input type="checkbox"/> | <input type="checkbox"/> |
| • Control Room Support Functions | <input type="checkbox"/> | <input type="checkbox"/> |
| 8. Assign individuals to act as aides to the TSC Manager and to act as data loggers for status boards (Plant Status and Emergency Events). | <input type="checkbox"/> | <input type="checkbox"/> |
| 9. Assign personnel as required to perform control room support functions in accordance with EPIP-EPP-31, Control Room Support Functions. | | |
| a. Determine control room support requirements based on the nature of the event and the procedures in use. | | CONTINUOUS |
| b. If an Emergency Operating Procedure (EOP) or Severe Accident Procedure (SAP) entry condition occurs, assign personnel to monitor execution of EOPs and SAPs. | | CONTINUOUS |

ATTACHMENT 3: TECHNICAL DATA COORDINATOR

Page 2 of 4

Name:	Date:	Unit <input type="checkbox"/> 1 <input type="checkbox"/> 2
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Complete N/A

10. Coordinate support for major decisions required by EOPs and SOPs . . . CONTINUOUS
11. Brief staff on plant status, corrective actions in progress,
and identified or anticipated technical needs. CONTINUOUS
12. Assign/direct TSC technical Staff to assist in the development
of corrective/mitigative actions for Damage Control Teams
in accordance with EPIP-EPP-22, as necessary. CONTINUOUS
13. Assign a member of your staff to staff the Tech Info Line, as
the TSC Communicator. Name:_____ ☐ ☐
14. Assign a plant qualified member of your staff to man the NRC
ENS Hotline and perform duties per EPIP-EPP-20 Section 3.4.2
if necessary. Name:_____ ☐ ☐
15. Verify the NRC Event Notification Worksheet is completed
as required per EPIP-EPP-20,. CONTINUOUS
16. Ensure shutdown margin is communicated to the Control Room
(if required) ☐ ☐
17. Brief the TSC Communicator periodically on TSC activities
(e.g., engineering assessment, planned on-going activities,
onsite protective actions) CONTINUOUS
- (C4) 18. Ensure all relevant data received is posted on the appropriate
status board CONTINUOUS
19. Assess plant conditions against the EALs and recommend
emergency classifications to the TSCM CONTINUOUS
20. Direct and coordinate the efforts of the assigned technical
staff in analyzing problems and developing solutions, guidance,
and emergency operating procedures for operations personnel CONTINUOUS
21. Provide the interface between the TSC Manager on technical
problems, analyses and resolutions CONTINUOUS
22. Periodically brief the TSC Manager on actions/assessments
and status/results CONTINUOUS
23. Continuously analyze plant conditions and recommend
re-prioritization of emergency response activities as
necessary CONTINUOUS

ATTACHMENT 3: TECHNICAL DATA COORDINATOR

Page 3 of 4

Name:	Date:	Unit <input type="checkbox"/> 1 <input type="checkbox"/> 2
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Complete N/A

- 24. Assist the TSC Manager in developing termination and/or
recovery criteria per EPIP-EPP-25 ☐ ☐

- 25. Develop long term staffing plans for Technical Support as
appropriate. ☐ ☐

- 26. Recover technical data developed during the emergency for
later use ☐ ☐

- 27. Retain for inclusion in the Permanent Plant File records
generated as a result of an actual declared emergency ☐ ☐

ATTACHMENT 3: TABLE 1

Page 4 of 4

NMP TECHNICAL SUPPORT
TECHNICAL DATA COORDINATOR
SECONDARY RESPONDER ASSIGNMENT MATRIX

Event Description:

Date:

POSITION

INDIVIDUAL ASSIGNED

Tech Data Coord. Unit 1

Tech Data Coord. Unit 2

Control Room Communicator

TSC Communicator

Tech Staff Coordinator

Computer Staff Support

Plant Status Boards

Event Status

Plant Status/Trending

Support

ENS Communicator

EOP/SAP Tracking

S.A.M. Support:

Parameter/Assessment Engineer

Safety system Status Engineer

Action Level Assessment Engineer

Rx. Engineer

Clerical Support

Problem Troubleshooters

Mechanical

Electrical

I & C

Misc.

Misc.

ATTACHMENT 4: REACTOR ANALYST COORDINATOR

Page 1 of 1

Name:	Date:	Unit <input type="checkbox"/> 1 <input type="checkbox"/> 2
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- NOTES:**
1. All steps should be performed.
 2. Use N/A or N/R if appropriate.
 3. Maintain a log documenting other activities.
 4. Ensure actions required by Attachment 1, ERF General Actions are accomplished.

Complete N/A

1. At the direction of the TSC Manager or the Technical Data Coordinator, and in consultation with the Shift Technical Advisor (STA), analyze problems, determine alternate solutions, and design and coordinate the installation of short term modifications CONTINUOUS
2. Operate Control Room cameras as necessary for determining plant status CONTINUOUS
3. Monitor trends in plant parameters for early detection of core damage CONTINUOUS
4. Perform core damage estimates and calculations per EPIP-EPP-09, and provide to Technical Data Coordinator CONTINUOUS
5. If Severe Accident Procedure entry condition occurs, monitor for RPV breach by core debris in accordance with EPIP-EPP-31, Control Room Support Functions CONTINUOUS
6. As necessary, consult fuel vendor on issues regarding failed fuel . . . ☐ ☐
7. Develop long term action plan for core monitoring and continued assessment (as necessary) ☐ ☐
8. Retain for inclusion in the Permanent Plant File records generated as a result of an actual declared emergency ☐ ☐

ATTACHMENT 5: MAINTENANCE COORDINATOR

Page 1 of 1

Name:	Date:	Unit <input type="checkbox"/> 1 <input type="checkbox"/> 2
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- NOTES:**
1. All steps should be performed.
 2. Use N/A or N/R if appropriate.
 3. Maintain a log documenting other activities.
 4. Ensure actions required by Attachment 1, ERF General Actions are accomplished.

Complete N/A

1. Activate the TSC as necessary per EPIP-EPP-13. ☐ ☐
2. Ensure coordination with the OSC Coordinator. **CONTINUOUS**
3. Upon activation of the Operations Support Center ensure that the following positions are staffed:
 - OSC Coordinator ☐ ☐
 - OSC Communicator ☐ ☐
 - Damage Control Team Coordinator ☐ ☐
4. Establish communications with the OSC Coordinator and keep the TSC Manager informed relative to OSC activities such as:
 - Activation status ☐ ☐
 - Manpower status ☐ ☐
 - Habitability status of OSC areas ☐ ☐
 - Damage Control Activities ☐ ☐
5. Complete Damage Control activities in accordance with EPIP-EPP-22 . **CONTINUOUS**
6. Assist in coordinating the installation of special structures, systems, and components as required or in the coordination of contamination control activities as the need arises **CONTINUOUS**
7. If a "Exclusion Area Evacuation" is ordered, coordinate the use of maintenance personnel for the decontamination of evacuating vehicles with the Radiological Assessment Manager ☐ ☐
8. Keep TSC Manager and Technical Data Coordinator apprised of information received from Damage Control Teams. **CONTINUOUS**
9. Develop long term staffing plan for maintenance support as appropriate. ☐ ☐
10. Retain for inclusion in the Permanent Plant File records generated as a result of an actual declared emergency ☐ ☐

ATTACHMENT 6: RADIOLOGICAL ASSESSMENT MANAGER

Page 1 of 6

Name:	Date:	Unit <input type="checkbox"/> 1 <input type="checkbox"/> 2
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- NOTES:**
1. All steps should be performed.
 2. Use N/A or N/R if appropriate.
 3. Maintain a log documenting other activities.
 4. Ensure actions required by Attachment 1, ERF General Actions are accomplished.

Complete N/A

CAUTION

IF notified that a LOCA has occurred,
THEN go to Step 7.

1. Activate the TSC as necessary in accordance with EPIP-EPP-13 ☐ ☐
2. Verify that sufficient numbers of secondary responders are available and are reporting to the emergency facility by reviewing the fax from Community Alert Network (CAN) located at the CAN designated fax. ☐ ☐
- (C6) 3. Request that the TSC Communicator ask the Control Room if a LOCA has occurred. IF a LOCA has occurred, THEN go to Step 7 ☐ ☐
4. Ensure that the HPN Hotline is continuously staffed as required CONTINUOUS
5. Ensure exposure control is in accordance with EPIP-EPP-15. CONTINUOUS
6. Obtain briefing from the TSC Manager on plant status, corrective actions in progress, identified or anticipated survey/sample needs, and dose assessment requirements. ☐ ☐

ATTACHMENT 6: RADIOLOGICAL ASSESSMENT MANAGER

Page 2 of 6

Name:	Date:	Unit <input type="checkbox"/> 1 <input type="checkbox"/> 2
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Complete N/A

CAUTION

Step 7 pertains ONLY to Unit 2
in the event of a LOCA.

7. Perform the following:
 - a. Evaluate the air intake pathway (either the East or West side of the Control Building) to the Unit 2 Control Room to determine the least contaminated air intake to the Control Room Special Filter Train. The higher potentially contaminated pathway should be isolated. Evaluation should include consideration of:
 - release point(s) CONTINUOUS
 - wind direction CONTINUOUS
 - b. Make recommendation to the TSC Manager on appropriate control room actions based upon this evaluation ☐ ☐
 - c. IF unable to determine the higher potentially contaminated pathway, THEN recommend isolation of the East intake. ☐ ☐
 - d. Advise the OSC Radiation Protection Team Coordinator to direct Control Room personnel AND those reporting to the Control Room to don protective clothing and eyewear for the purpose of reducing beta dose (as appropriate) ☐ ☐
 - (C6) e. Ensure Control Room(s) and TSC Emergency Ventilation Systems are operating (as appropriate) ☐ ☐
8. Verify personnel are present to fill the following positions:
 - Radiation Protection Team Coordinator (OSC) ☐ ☐
 - Off-Site Dose Assessment Manager (EOF) ☐ ☐
 - Rad Support Staff (as needed)(TSC) ☐ ☐
 - (C5) • HPN Communicator (TSC) ☐ ☐
9. Request additional personnel as needed from the OSC (preferably Chemistry and Radiation Protection Department personnel) to assist in performing the following activities:
 - Radiological control activities ☐ ☐
 - On-site dose projections ☐ ☐
 - Communications (radio and dedicated lines) ☐ ☐
 - Habitability surveys of emergency response facilities ☐ ☐
 - Source Term Assessment ☐ ☐
 - Post Accident Chemistry Samples ☐ ☐

ATTACHMENT 6: RADIOLOGICAL ASSESSMENT MANAGER

Page 3 of 6

Name:	Date:	Unit <input type="checkbox"/> 1 <input type="checkbox"/> 2
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Complete N/A

10. Designate an individual to coordinate the issuance of dosimetry to non-site personnel if and when appropriate ☐ ☐
11. Brief RP Team Coordinator and ODAM on plant status, corrective action in progress, and identified or anticipated survey/sample needs. Discuss survey/sample strategy and develop plans. ☐ ☐
12. Contact on-call Chemistry Supervisor if additional chemistry support is required. **CONTINUOUS**
13. Before dispatch of emergency teams ensure that appropriate measures are implemented to adequately monitor and control personnel exposures. (Refer to EPIP-EPP-15). **CONTINUOUS**
14. Ensure on-site protective actions (shelter or evacuation) are being evaluated and implemented. **CONTINUOUS**
15. If it is determined that safety or radiological hazards exist offsite or onsite:
 - a. Consult with ODAM regarding best possible ingress and egress routes. ☐ ☐
 - b. Determine the need for an Exclusion Area Evacuation using EPIP-EPP-15 and EPIP-EPP-05C. ☐ ☐
 - c. Coordinate with the TSC Manager and the ED/RM the implementation of onsite protective actions. ☐ ☐
16. If an Exclusion Area Evacuation is to be implemented, determine best route to leave site, and inform the SSS/ED or ED/RM as appropriate. ☐ ☐
17. Assign priorities using Table 6.1 as a guide. ☐ ☐
18. If radiological conditions warrant, ensure a general announcement is made prohibiting smoking, eating and drinking when deemed appropriate ☐ ☐
19. Ensure TSC habitability surveys are performed using EPIP-EPP-13. **CONTINUOUS**
 - a. IF: The habitability surveys show the TSC/OSC to be uninhabitable
 - b. THEN: Inform the TSCM of the survey results,
 - c. AND:
 1. Request TSCM direct personnel to leave the TSC/OSC, . . . ☐ ☐
 2. Report to the control room of the unit declaring the event ☐ ☐
 3. Continue ERO duties in accordance with applicable procedures ☐ ☐

ATTACHMENT 6: RADIOLOGICAL ASSESSMENT MANAGER

Page 4 of 6

Name:	Date:	Unit <input type="checkbox"/> 1 <input type="checkbox"/> 2
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Complete N/A

20. If radiological conditions warrant, ensure step off pads and monitors are set up at the entrances to TSC. CONTINUOUS
21. To ensure TSC habitability for 30 days following a Loss of Coolant Accident (LOCA), Direct an air sample to be taken for I-131 concentration following TSC emergency ventilation system initiation. If the LOCA occurs at Unit 2, you may compare the I-131 results with EPIP-EPP-13, Determination of TSC Habitability following a Design Basis Accident (DBA). ☐ ☐
22. Perform onsite dose assessment activities outlined in EPIP-EPP-15. CONTINUOUS
23. Consult with ODAM, if necessary, on results of assessment activities. CONTINUOUS
24. Consult with the Environmental Survey/Sample Team Coordinator (ESSTC), as necessary, on on-site and off-site environmental monitoring results. CONTINUOUS
25. Ensure on-site dose rates and protective actions are posted. CONTINUOUS
26. Assist Environmental Survey/Sample Team Coordinator in selecting proper monitoring locations and assessing radiological conditions expected in the field. CONTINUOUS
27. Assist Rad Support Staff in selecting proper monitoring and sample collection points, data required, and the assessment of radiological conditions at those points. CONTINUOUS
28. Consult with Chemistry Supervisor to assess the release rate and required sampling. CONTINUOUS
29. Maintain interface with the Rad Support Staff in the following matters:
 - Required survey/sample activities CONTINUOUS
 - Disposition of results (including disposition of various samples) CONTINUOUS
 - Requests for outside assistance, (such as JAF, Ginna, INPO, FRMAP) are to be made through the TSC Manager interfacing with the ALM in the EOF CONTINUOUS

ATTACHMENT 6: RADIOLOGICAL ASSESSMENT MANAGER

Page 5 of 6

Name:	Date:	Unit <input type="checkbox"/> 1 <input type="checkbox"/> 2
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Complete N/A

30. Implement use of RWPs for on-site activities through the Rad Support Staff and additional staff in TSC (i.e., repair and damage control, assessment activities, operations, etc.). **CONTINUOUS**
31. Provide technical and administrative direction to the ESSTC during re-entry operations in accordance with EPIP-EPP-12. **CONTINUOUS**
32. Assist the TSC Manager and the ED/RM in developing termination and/or recovery criteria per EPIP-EPP-25. ☐ ☐
33. Develop a long term staffing plan for Radiological Protection support as appropriate. Utilize JAF personnel as appropriate. ☐ ☐
34. Collect Radiological Protection data developed during the emergency for later review and analysis. **CONTINUOUS**
35. Retain for inclusion in the Permanent Plant File records generated as a result of an actual declared emergency. ☐ ☐

ATTACHMENT 6: TABLE 6.1

Sheet 6 of 6

RADIOLOGICAL ASSESSMENT MANAGER ACTIVITY PRIORITIES ⁽¹⁾

<u>Priority</u>	<u>Task</u>	<u>Procedure to Implement</u>
1	Search and Rescue and First Aid: <u>Lifesaving Only</u>	EPIP-EPP-03, EPIP-EPP-04, EPIP-EPP-15
2	Initial On-site protective actions	EPIP-EPP-15
3	In-Plant Surveys	EPIP-EPP-06
4	Provide Personnel to accompany Damage Control Team	EPIP-EPP-06, EPIP-EPP-22
5	Provide Personnel to Monitor Areas for Radiation/Contamination during evacuations and accountability	EPIP-EPP-05A,B,C,D
6	Emergency First Aid and Decontamination: <u>not</u> Lifesaving	EPIP-EPP-04, EPIP-EPP-15
7	Provide Personnel to Accompany Follow-Up Re-entry Teams	EPIP-EPP-22
8	Personnel Exposure Control (Routine Dosimetry Issuance and Completion of Special Radiation Work Permits)	EPIP-EPP-15, EPIP-EPP-22
9	Follow-Up In-Plant/On-Site Monitoring and Sample Collection	EPIP-EPP-06, EPIP-EPP-07
10	Sample Analysis	EPIP-EPP-15
11	Minor First Aid and Decontamination	EPIP-EPP-04, EPIP-EPP-15
12	Personnel Re-entry to Site	EPIP-EPP-12

⁽¹⁾ This list of activity priorities is sequenced in a "likely order" for a fast breaking radiological emergency when personnel resources may be limited. Personnel assignments should be made as needed by the specific plant and personnel requirements.

ATTACHMENT 7: RAD SUPPORT STAFF

Page 1 of 2

Name:	Date:	Unit <input type="checkbox"/> 1 <input type="checkbox"/> 2
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NOTES: 1. First Rad support staff person to arrive should complete this checklist
 2. All steps should be performed.
 3. Use N/A or N/R if appropriate.
 4. Maintain a log documenting other activities.
 5. Ensure actions required by Attachment 1, ERF General Actions are accomplished.

Complete N/A

1. Activate the TSC as necessary in accordance with EPIP-EPP-13. ☐ ☐
2. Contact the RAM to indicate you are present and are available for assignment ☐ ☐
3. Assist the RAM as necessary and as assigned. Typical assignments may include (as example) **CONTINUOUS**
 - Radio Operator • Radiation/Process Monitoring
 - Habitability Surveys • Assistance with Damage Control Teams
4. Determine need for and request additional equipment, supplies and staff. **CONTINUOUS**
5. Ensure exposure control is in accordance with EPIP-EPP-15. **CONTINUOUS**
6. Obtain briefing from Radiological Assessment Manager on plant status and corrective actions in progress. ☐ ☐
7. Assess plant status and communicate these conditions to appropriate personnel. **CONTINUOUS**
8. Establish communications with the Radiation Protection Team Coordinator in the OSC. **CONTINUOUS**
9. Request the Rad Protection Team Coordinator assign personnel to perform In-Plant monitoring as directed by the Radiological Assessment Manager. Priorities for assignment will depend on plant conditions; the following order of tasks is provided as a guide:
 - Support of source term calculations needed for initial dose projection when radiation monitors are inoperable ☐ ☐
 - In-Plant surveys ☐ ☐
 - Accompany initial Damage Control Teams (EPIP-EPP-06, 22) ☐ ☐
 - Accompany subsequent Damage Control Teams (EPIP-EPP-06, 22) ☐ ☐
 - In-Plant sample collection (EPIP-EPP-06, 15) ☐ ☐
 - Sample analysis (EPIP-EPP-15) ☐ ☐
 - Other missions as required ☐ ☐
10. Provide radiological control for the facility in accordance with standing radiological procedures. **CONTINUOUS**

ATTACHMENT 7: RAD SUPPORT STAFF

Page 2 of 2

Name:	Date:	Unit <input type="checkbox"/> 1 <input type="checkbox"/> 2
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Complete N/A

11. Provide Rad Protection Team Coordinator with appropriate precautions on expected or potential hazards, protective clothing requirements, and exposure control (in accordance with EPIP-EPP-06 and EPIP-EPP-15). CONTINUOUS
12. Keep Radiological Assessment Manager apprised of all data received. CONTINUOUS
13. Ensure a radiation protection technician is dispatched with any emergency team to provide radiation protection coverage. Arrange for this through the Radiation Protection Team Coordinator in the OSC. CONTINUOUS
14. In the event of an evacuation, request Rad Protection Team Coordinator dispatch survey team(s) to monitor personnel evacuating as required by EPIP-EPP-05A,B,C,. ☐ ☐
15. Retain for inclusion in the Permanent Plant File records generated as a result of an actual declared emergency. ☐ ☐

ATTACHMENT 8: DOSE ASSESSMENT ADVISOR

Page 1 of 1

Name:	Date:	Unit <input type="checkbox"/> 1 <input type="checkbox"/> 2
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- NOTES:**
1. All steps should be performed.
 2. Use N/A or N/R if appropriate.
 3. Maintain a log documenting other activities.

Complete N/A

1. Report to the control room when notified of an emergency. ☐ ☐
2. Notify the on call Chemistry Supervisor if additional assistance is required. ☐ ☐
3. Implement dose assessment activities in accordance with EPIP-EPP-08. ☐ ☐
4. Provide meteorological information as requested by the SSS/ED . . . **CONTINUOUS**
5. Perform Dose Assessment activities and PARs per EPIP-EPP-08 until relieved by the ODAM **CONTINUOUS**
6. Assist the SSS/ED in the control room as directed. **CONTINUOUS**
7. Retain for inclusion in the Permanent Plant File records generated as a result of an actual declared emergency. ☐ ☐

ATTACHMENT 9: SECURITY LIAISON

Page 1 of 2

Name:	Date:	Unit <input type="checkbox"/> 1 <input type="checkbox"/> 2
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- NOTES:**
1. All steps should be performed.
 2. Use N/A or N/R if appropriate.
 3. Maintain a log documenting other activities.
 4. Ensure actions required by Attachment 1, ERF General Actions are accomplished.

Complete N/A

1. Activate the TSC as necessary in accordance with EPIP-EPP-13. ☐ ☐
2. Determine need for and request additional equipment, supplies and personnel. **CONTINUOUS**
3. Obtain briefing by TSC Manager or his designee on emergency status and any security needs. ☐ ☐
4. Contact the Security Coordinator in the Security Tactical Operations Center (STOC) located in the Security Building to determine status of station security and update the TSC Manager of the status of applicable security and contingency procedures. ☐ ☐
5. Ensure that requests for assistance are provided to the Personnel Accountability Coordinator in accounting for station personnel in accordance with EPIP-EPP-05D, "Accountability", and security procedures, if appropriate. ☐ ☐
6. Ensure that requests for access and traffic control for Off-Site ERF locations are communicated to the Security Director. **CONTINUOUS**
7. Consult with the Radiological Assessment Manager on protective measures that should be taken by security department personnel, as appropriate. **CONTINUOUS**
8. Maintain liaison with the Security Director. **CONTINUOUS**
9. Communicate, in a timely manner, all TSC Manager directions for the use of security personnel on site to the Security Coordinator. **CONTINUOUS**

ATTACHMENT 9: SECURITY LIAISON

Page 2 of 2

Name:	Date:	Unit <input type="checkbox"/> 1 <input type="checkbox"/> 2
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Complete N/A

10. Coordinate the assignment of security personnel to Damage Control Teams during security related events as directed/requested. **CONTINUOUS**
11. Assist the TSC Manager and the ED/RM in developing termination and/or recovery criteria as needed. ☐ ☐
12. Develop long term staffing plan for security in conjunction with the Security Coordinator, as needed. ☐ ☐
13. Collect all paperwork developed during the emergency for later review and analysis. ☐ ☐
14. Retain for inclusion in the Permanent Plant File records generated as a result of an actual declared emergency. ☐ ☐

ATTACHMENT 10: TSC COMMUNICATOR

Page 1 of 1

Name:	Date:	Unit <input type="checkbox"/> 1 <input type="checkbox"/> 2
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- NOTES:**
1. All steps should be performed.
 2. Use N/A or N/R if appropriate.
 3. Maintain a log documenting other activities.
 4. Ensure actions required by Attachment 1, ERF General Actions are accomplished.

Complete N/A

NOTE: The purpose of the TSC Communicator is for the receipt of Technical data only. This position should not be used for "command and control" activities, requests for actions, or Communications Aide activities.

1. Determine and request additional support as needed from the Technical Data Coordinator. ☐ ☐
2. Obtain the names of individuals filling the emergency positions in the Control Room and provide this information to the Technical Data Coordinator for posting. ☐ ☐
3. Receive briefing from the TSC Manager or his designee on plant status and corrective actions in progress. ☐ ☐
4. As plant status/conditions/actions change obtain information from the Control Room Communicator and keep the TDC informed of development and relevant data/information received in a timely manner, use Attachment 10, Figure 1 **CONTINUOUS**
5. Retain for inclusion in the Permanent Plant File records generated as a result of an actual declared emergency. ☐ ☐

ATTACHMENT 10 (Cont)

FIGURE 1 - PLANT INFORMATION UPDATE

Date: _____

Time: _____

Plant equipment change:

Major plant parameter change:

Changes in actions being taken:

Information requested:

ATTACHMENT 11: NED COORDINATOR

Page 1 of 1

Name:	Date:	Unit <input type="checkbox"/> 1 <input type="checkbox"/> 2
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- NOTES:**
1. All steps should be performed.
 2. Use N/A or N/R if appropriate.
 3. Maintain a log documenting other activities.
 4. Ensure actions required by Attachment 1, ERF General Actions are accomplished.

Complete N/A

1. Determine need for and obtain additional equipment, supplies and personnel. ☐ ☐
2. Obtain a briefing from the TSC Manager on plant status, corrective actions in progress, and identified or anticipated problem areas. ☐ ☐
3. Establish and maintain contact with the Technical Liaison Advisory Manager in EOF, and brief on current situation and corrective actions in progress. CONTINUOUS
4. Analyze mechanical, electrical, structural, instrumentation and control and radiological problems; determine alternate solutions; design and assist in the coordination of short-term modifications. CONTINUOUS
5. Analyze thermohydraulic and thermodynamic problems and develop problem resolutions. CONTINUOUS
6. Assist in the development of Emergency Operating Procedures, Operating Procedures, etc. as necessary for conducting emergency operations. CONTINUOUS
7. Analyze conditions and develop guidance for the TSC Manager and operations personnel for protection of the reactor core. CONTINUOUS
8. Develop long term staffing plan for engineering support as needed. . . . ☐ ☐
9. Collect paperwork developed during the emergency for later review and analysis. ☐ ☐
10. Retain for inclusion in the Permanent Plant File records generated as a result of an actual declared emergency. ☐ ☐

ATTACHMENT 12: OPERATIONS SUPPORT CENTER COORDINATOR

Page 1 of 3

Name:	Date:	Unit <input type="checkbox"/> 1 <input type="checkbox"/> 2
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- NOTES:**
1. All steps should be performed.
 2. Use N/A or N/R if appropriate.
 3. Maintain a log documenting other activities.
 4. Ensure actions required by Attachment 1, ERF General Actions are accomplished.

Complete N/A

1. Activate the OSC in accordance with EPIP-EPP-13. ☐ ☐
2. When OSC is activated, announce: "This is _____ (your name), I am the OSC Coordinator". ☐ ☐
3. Ensure proper use of communications equipment in accordance with EPIP-EPP-17. **CONTINUOUS**
4. Establish communications with Technical Support Center (TSC) or Control Room and request information on plant status and corrective actions in progress. **CONTINUOUS**
5. If a radioactive release has occurred, or is in progress, ensure a general announcement is made prohibiting smoking, eating, and drinking until habitability surveys have been completed and found to be satisfactory. ☐ ☐
6. If the OSC is reported as being uninhabitable, and the TSCM directs personnel to report to the affected unit control room:
 - a. Direct all OSC personnel to report to the affected unit control room. ☐ ☐
 - b. Ensure radios and necessary equipment are brought to the control room ☐ ☐
 - c. Ensure disruption of control room activities is minimized by instructing personnel where to stage upon arrival. Personnel are to stage within the control room envelope. Coordinate with the TSCM and consider staging OSC personnel:
 - For Unit 1, in the aux control room
 - For Unit 2, in the relay room or the hallway outside the control room ☐ ☐
 - d. Using available communications equipment and other DCT equipment, continue ERO duties from these locations ☐ ☐
7. Direct Radiation Protection to survey the facility and provide radiological control in accordance with standing radiological procedures. Notify TSC Manager immediately of results. **CONTINUOUS**
- (C1) 8. Ensure all exterior doors to the Unit 1 Administration Building are closed during a radiological emergency. ☐ ☐

ATTACHMENT 12: OPERATIONS SUPPORT CENTER COORDINATOR

Page 2 of 3

Name:	Date:	Unit <input type="checkbox"/> 1 <input type="checkbox"/> 2
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Complete N/A

9. When sufficient numbers of personnel are available to support emergency functions, notify the Maintenance Coordinator the OSC is operational. ☐ ☐
10. When time permits, insure that all ERO members qualification status is current using the following actions:
 - a. Utilize the instructions on the first page of the ERO qualification list.
 - b. If an ERO members qualification status is lapsed OR cannot be determined:
 1. Immediately replace the ERO member with a qualified individual, OR
 2. Provide direct oversight of the unqualified individual until such time that a qualified replacement can be obtained.

NOTE: Personnel who are not ERO qualified may perform required actions ONLY with direct oversight from an ERO member qualified in the action(s) being performed ☐ ☐
11. Keep Maintenance Coordinator informed of all available information concerning repairs, staff, surveys, etc. CONTINUOUS
12. Provide appropriate announcements in OSC to keep personnel informed. CONTINUOUS
13. When provided by the Maintenance Coordinator with Emergency DCT Summary Forms (EPIP-EPP-22) for each DCT dispatched prior to TSC/OSC activation:
 - a. Direct OSC Communicator to establish and maintain communications with each team (or operator) ☐ ☐
 - b. Ensure OSC staff is made aware of activities in progress (provide a briefing) ☐ ☐
 - c. Direct posting of Emergency DCT Summary Form on whiteboard (indicate as "activities in progress", no team # assignment is required) . . . ☐ ☐
14. When provided by the Maintenance Coordinator with Emergency DCT Summary Form for a New mission:
 - a. Verify mission statement is well defined and understood CONTINUOUS
 - b. Verify approval signatures have been obtained, and priority is clear CONTINUOUS
 - c. Assign a team number CONTINUOUS
 - d. If Work Plan development is required:
 - 1) Obtain needed assistance from Operations (SRO) and "Planners (one from each discipline) ☐ ☐
 - 2) Direct development of Work Plan per GAP-PSH-01 as necessary to accomplish mission CONTINUOUS

ATTACHMENT 12: OPERATIONS SUPPORT CENTER COORDINATOR

Page 3 of 3

Name:	Date:	Unit <input type="checkbox"/> 1 <input type="checkbox"/> 2
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Complete N/A

14.d (Cont)

3) If a tagout is required, direct completion of tagout per GAP-OPS-02 CONTINUOUS

e. Ensure a copy of the summary form is provided to:

- 1) Maintenance Coordinator CONTINUOUS
- 2) DCT Coordinator CONTINUOUS
- 3) RPT Coordinator CONTINUOUS
- 4) OSC Communicator CONTINUOUS
- 5) OSC Clerk for posting on whiteboard CONTINUOUS

f. Direct DCT and RPTC to initiate actions to dispatch DCT for mission as appropriate.

g. Monitor progress of DCTs:

- 1) Upon initiation of DCT, direct posting of summary form on whiteboard CONTINUOUS
- 2) Upon completion of DCT briefing:
 - Direct posting on whiteboard "briefed" CONTINUOUS
 - Inform Maintenance Coordinator CONTINUOUS
- 3) Upon dispatch of DCT:
 - Direct posting on whiteboard of "dispatched" CONTINUOUS
 - Inform Maintenance Coordinator CONTINUOUS
- 4) Upon start of repair activities:
 - Direct posting on whiteboard of "in progress" CONTINUOUS
 - Inform Maintenance Coordinator CONTINUOUS
- 5) Upon return of DCT to OSC:
 - Direct posting on whiteboard of "debriefing" CONTINUOUS
 - Inform Maintenance Coordinator CONTINUOUS
- 6) Upon completion of all DCT activities:
 - Direct the members names be returned to the "pool" of available personnel CONTINUOUS

- (C3) 15. Obtain information from the Personnel Accountability Coordinator on the status of the efforts to find missing people and provide this information to the Maintenance Coordinator in the TSC, if necessary, implement EPIP-EPP-03. ☐ ☐
16. If notified that the security computer has failed, direct OSC coordinators to provide a list of their personnel to the Personnel Accountability Coordinator ☐ ☐
17. In conjunction with the Maintenance Coordinator, develop long term staffing plans for maintenance support. ☐ ☐
18. Collect all paperwork developed during the emergency for later review and analysis. ☐ ☐
19. Retain for inclusion in the Permanent Plant File records generated as a result of an actual declared emergency. ☐ ☐

ATTACHMENT 13: OPERATIONS SUPPORT CENTER COMMUNICATOR

Page 1 of 1

Name:	Date:	Unit <input type="checkbox"/> 1 <input type="checkbox"/> 2
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NOTES:

1. All steps should be performed.
2. Use N/A or N/R if appropriate.
3. Maintain a log documenting other activities.
4. Ensure actions required by Attachment 1, ERF General Actions are accomplished.

Complete N/A

1. Ensure proper use of communications equipment in accordance with EPIP-EPP-17 **CONTINUOUS**
2. Establish communications as necessary with the TSC (normal hours), Control Room (off-hours), and damage control teams as appropriate. **CONTINUOUS**
3. Prior to DCT dispatch, test communications capability **CONTINUOUS**
4. Frequently request status updates from DCT's and provide information to OSC Coordinator for disbursement to OSC staff. **CONTINUOUS**
5. Assist in the development of OSC staffing schedules as requested ☐ ☐
6. Remind OSC Coordinator to conduct OSC briefings to ensure OSC staff is kept up to date ☐ ☐
7. Answer phones as necessary to assist OSC staff ☐ ☐
8. Assist in OSC operations as directed by OSC Coordinator ☐ ☐
9. Retain for inclusion in the Permanent Plant File records generated as a result of an actual declared emergency ☐ ☐

ATTACHMENT 14: PERSONNEL ACCOUNTABILITY COORDINATOR

Page 1 of 1

Name:	Date:	Unit <input type="checkbox"/> 1 <input type="checkbox"/> 2
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NOTES:

1. All steps should be performed.
2. Use N/A or N/R if appropriate.
3. Maintain a log documenting other activities.
4. Ensure actions required by Attachment 1, ERF General Actions are accomplished.

Complete N/A

- | | | | |
|------|---|--------------------------|--------------------------|
| | 1. Inform the OSC Coordinator that the Personnel Accountability Coordinator position is staffed and ready to perform accountability when requested. | <input type="checkbox"/> | <input type="checkbox"/> |
| | 2. Carry out actions required in accordance with EPIP-EPP-05D | <input type="checkbox"/> | <input type="checkbox"/> |
| | 3. Establish contact with Security Liaison located in TSC to coordinate the computerized accountability process as necessary. | <input type="checkbox"/> | <input type="checkbox"/> |
| (C2) | 4. Keep the Security Liaison in TSC and the OSC Coordinator informed of accountability activities, including the status of finding missing people. | <input type="checkbox"/> | <input type="checkbox"/> |
| | 5. Coordinate with the OSC Coordinator and implement search and rescue actions of EPIP-EPP-03 as necessary. | <input type="checkbox"/> | <input type="checkbox"/> |
| | 6. Retain for inclusion in the Permanent Plant File records generated as a result of an actual declared emergency. | <input type="checkbox"/> | <input type="checkbox"/> |

ATTACHMENT 15: RADIATION PROTECTION TEAM COORDINATOR

Page 1 of 3

Name:	Date:	Unit <input type="checkbox"/> 1 <input type="checkbox"/> 2
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- NOTES:**
1. All steps should be performed.
 2. Use N/A or N/R if appropriate.
 3. Maintain a log documenting other activities.
 4. Ensure actions required by Attachment 1, ERF General Actions are accomplished.

Complete N/A

1. Activate the OSC in accordance with EPIP-EPP-13 as necessary. ☐ ☐
2. Contact Radiological Assessment Manager or the Rad Support Staff in the Technical Support Center (TSC) and receive briefing and instructions. ☐ ☐
3. Verify that secondary responders
 - a. Are available and are reporting in sufficient numbers to the emergency facility by reviewing the fax from Community Alert Network (CAN) located at the CAN designated fax ☐ ☐
 - b. Are Respiratory qualified as necessary (use RSR) ☐ ☐
 - c. Have dose deltas sufficient to respond as required (use REM report) . ☐ ☐
4. Ensure exposure control (including use of KI) is in accordance with EPIP-EPP-15. **CONTINUOUS**
5. Assign radiation protection technicians to the following tasks as appropriate and log the assignments:

• Downwind Survey Team A, B, C (per EPIP-EPP-07)	<input type="checkbox"/>	<input type="checkbox"/>
• In-Plant Survey Teams 1-6 (per EPIP-EPP-06)	<input type="checkbox"/>	<input type="checkbox"/>
• Repair/Damage Control Team (per EPIP-EPP-22)	<input type="checkbox"/>	<input type="checkbox"/>
• Fire Brigade response (per EPIP-EPP-28)	<input type="checkbox"/>	<input type="checkbox"/>
• Search/Rescue response (per EPIP-EPP-03)	<input type="checkbox"/>	<input type="checkbox"/>
• Medical Brigade response (per EPIP-EPP-04)	<input type="checkbox"/>	<input type="checkbox"/>
• Evacuation Access control in accordance with EPIP-EPP-05A,B,C as appropriate	<input type="checkbox"/>	<input type="checkbox"/>
• PASS Team (per EPIP-EPP-22 and EPIP-EPP-06)	<input type="checkbox"/>	<input type="checkbox"/>
6. Direct survey teams to prepare for dispatch and inform when ready, THEN
 - a. Review equipment needs with team (Attachment 15, Figure 1 may be used as a guide to review equipment requirements) ☐ ☐
 - b. Provide briefing in accordance with EPIP-EPP-07 ☐ ☐
 - c. Dispatch team ☐ ☐

ATTACHMENT 15: RADIATION PROTECTION TEAM COORDINATOR

Page 2 of 3

Name:	Date:	Unit <input type="checkbox"/> 1 <input type="checkbox"/> 2
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Complete N/A

7. Advise OSC Coordinator when downwind teams have been dispatched ☐ ☐
8. Advise the ESSTC (in the EOF) that downwind teams have been dispatched ☐ ☐
9. Report OSC habitability survey results to the OSC Coordinator. **CONTINUOUS**
- (C1) 10. If radiological conditions warrant;
 - a. Set up step-off pads and monitors by the employee and lobby entrances to the Unit 1 Administration Building and the Unit 1 entrance to the bridge connecting Unit 1 and 2 (to ensure continued availability of entire OSC area) ☐ ☐
 - b. Provide radiological controls for other entrances to the OSC area as necessary ☐ ☐
 - c. Inform the OSC Coordinator when and where these areas are established. ☐ ☐
- (C6) 11. In the event that a Unit 2 LOCA has occurred, or as directed by the RAM, Direct Unit 2 Control Room personnel and others who may report to the Unit 2 Control Room to don protective clothing and eyewear for the purpose of reducing beta dose ☐ ☐
12. Retain for inclusion in the Permanent Plant File records generated as a result of an actual declared emergency. ☐ ☐

ATTACHMENT 15
FIGURE 1

Page 3 of 3

SURVEY TEAM KIT EQUIPMENT

The following items should be considered for inclusion in the equipment and supplies contained in the Survey Team "Kit":

EQUIPMENT

- ☐ Count Rate Meter
- ☐ Dose Rate Meter (0-5 R/hr)
- ☐ Dose Rate Meter (0-50 R/hr)
- ☐ High Range Dose Rate Meter (0-1000 R/hr)
- ☐ Silver Zeolite Air Sample Pack
- ☐ Charcoal Air Sample Pack
- ☐ Radeco AC Air Sampler
- ☐ O₂ Meter

DOSIMETRY

- ☐ TLDs
- ☐ Finger Rings
- ☐ Dosimeter (0-5 R/hr)
- ☐ Dosimeter (0-50 R/hr)
- ☐ Dosimeter (0-200 R/hr)
- ☐ Dosimeter Charger
- ☐ Electronic Dosimeter

PROTECTIVE EQUIPMENT

- ☐ Protective Clothing (PCs)
- ☐ Full Face Respirator
- ☐ Spare canisters
- ☐ Flashlights
- ☐ KI Tablets

SUPPLIES

- ☐ Radeco DC Air Sampler
- ☐ Maps
- ☐ Tape
- ☐ Smears
- ☐ Plastic Bags
- ☐ Maslin Cloth
- ☐ Extension Cord
- ☐ Latex Gloves
- ☐ Rubber Boots
- ☐ Rain Suit
- ☐ Gym Bag
- ☐ Rad Rope
- ☐ Step Off Pads
- ☐ Rad Tags (as appropriate)
- ☐ Rad Signs (as appropriate)
- ☐ Plastic Booties

ATTACHMENT 16: DAMAGE CONTROL TEAM COORDINATOR

Page 1 of 1

Name:	Date:	Unit <input type="checkbox"/> 1 <input type="checkbox"/> 2
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- NOTES:**
1. All steps should be performed.
 2. Use N/A or N/R if appropriate.
 3. Maintain a log documenting other activities.
 4. Ensure actions required by Attachment 1, ERF General Actions are accomplished.

Complete N/A

1. Activate the OSC in accordance with EPIP-EPP-13 as needed. ☐ ☐
2. Verify that sufficient numbers of secondary responders are available and are reporting to the emergency facility by reviewing the fax from Community Alert Network (CAN) located at the CAN designated fax. ☐ ☐
3. Ensure proper use of communications equipment in accordance with EPIP-EPP-17. **CONTINUOUS**
4. Obtain up to date Task Qualification Matrix for each discipline (Elect/Mech/I&C). ☐ ☐
5. Contact Maintenance Coordinator in TSC for briefing and any instructions. ☐ ☐
6. In consultation with OSC Coordinator, determine any preparations necessary for damage control teams in accordance with EPIP-EPP-22 and advise the Damage Control Teams as appropriate. **CONTINUOUS**
7. Assign Maintenance personnel to standby as teams for any necessary repair/damage control activities. **CONTINUOUS**
8. Advise OSC Coordinator of team assignments. **CONTINUOUS**
9. If it is determined that On-Site security is needed for assistance with access control or personnel protection, request assistance through the Security Liaison in the TSC. ☐ ☐
10. Obtain additional support as needed from system engineering, operations, maintenance, etc. **CONTINUOUS**
11. Retain for inclusion in the Permanent Plant File records generated as a result of an actual declared emergency. ☐ ☐

ATTACHMENT 17: STOC SECURITY COORDINATOR

Page 1 of 1

Name:	Date:	Unit <input type="checkbox"/> 1 <input type="checkbox"/> 2
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- NOTES:**
1. All steps should be performed.
 2. Use N/A or N/R if appropriate.
 3. Maintain a log documenting other activities.
 4. Ensure actions required by Attachment 1, ERF General Actions are accomplished.

Complete N/A

1. On a continuing basis, inform and update Security Liaison in TSC, and the Security Director in EOF of current security events. CONTINUOUS
2. Ensure that all personnel actively assigned to you are accounted for at all times. CONTINUOUS
3. Maintain a log of Security related activities. CONTINUOUS
4. Determine need for and request additional equipment, supplies and personnel ☐ ☐
5. Assist the Personnel Accountability Coordinator in search and rescue efforts. ☐ ☐
6. Develop long term staffing plans for security as needed ☐ ☐
7. Provide access and traffic control check points at EOF and coordinating on-Site security emergency activities. CONTINUOUS
8. Collect paperwork developed during the emergency for later review and analysis. ☐ ☐
9. Retain for inclusion in the Permanent Plant File records generated as a result of an actual declared emergency. ☐ ☐

ATTACHMENT 18: EMERGENCY DIRECTOR/RECOVERY MANAGER

Page 1 of 7

Name:	Date:	Unit <input type="checkbox"/> 1 <input type="checkbox"/> 2
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- NOTES:**
1. All steps should be performed.
 2. Use N/A or N/R if appropriate.
 3. Maintain a log documenting other activities.
 4. Ensure actions required by Attachment 1, ERF General Actions are accomplished.

- | | <u>Complete</u> | <u>N/A</u> |
|--|--------------------------|--------------------------|
| 1. Call for information from the following as appropriate: | | |
| • Technical Support Center | <input type="checkbox"/> | <input type="checkbox"/> |
| • Unit 1 Control Room | <input type="checkbox"/> | <input type="checkbox"/> |
| • Unit 2 Control Room | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Establish communications with the SSS/ED in the control room, and obtain plant status as follows: | | |
| • Plant Status/Indicators (short summary of events) | <input type="checkbox"/> | <input type="checkbox"/> |
| • Assessment of radiological conditions/concerns | <input type="checkbox"/> | <input type="checkbox"/> |
| • EOPs/other procedures in use | <input type="checkbox"/> | <input type="checkbox"/> |
| • Actions completed in the SSS/SED checklist | <input type="checkbox"/> | <input type="checkbox"/> |
| • Protective Action Recommendation status | <input type="checkbox"/> | <input type="checkbox"/> |
| • Status of news releases approved/issued | <input type="checkbox"/> | <input type="checkbox"/> |
| • Control room clock time | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Ensure communications with State and Oswego County are transferred to the EOF in accordance with EPIP-EPP-20. | <input type="checkbox"/> | <input type="checkbox"/> |
| 4. Obtain Plant Status updates as necessary from Technical Staff . . . | | CONTINUOUS |
| 5. Brief EOF staff on initial accident conditions. Attachment 18, Figure 1, "Ingredients for a Good Update" should be utilized for this | | CONTINUOUS |
| 6. Direct EOF managers to evaluate resource needs. | | CONTINUOUS |
| 7. When sufficient numbers of personnel are available in the EOF to support emergency functions, assume overall direction, control and authority of Nine Mile Point's emergency response activities. | <input type="checkbox"/> | <input type="checkbox"/> |
| 8. Transfer responsibility from the SSS/ED to the ED/RM. | <input type="checkbox"/> | <input type="checkbox"/> |

ATTACHMENT 18: EMERGENCY DIRECTOR/RECOVERY MANAGER

Page 2 of 7

Name:	Date:	Unit <input type="checkbox"/> 1 <input type="checkbox"/> 2
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Complete N/A

9. Direct the SSS to make the announcement to emergency personnel that the Emergency Director is in the EOF. ☐ ☐
10. Make announcement in the EOF (see below for an example of the EOF announcement). ☐ ☐

Transfer of Emergency Direction and Control from the control room to the EOF

"Attention. This is/is not a drill. This is (name), Emergency Director. As of _____ hrs, I have relieved the SSS/Emergency Director, (name) _____ of overall direction and control of the emergency." (Provide brief status of the emergency situation) "This is/is not a drill." (EOF is activated at this point)

11. Advise State and County Emergency Operations Centers of this formal transfer. ☐ ☐
12. Classify and upgrade the emergency as necessary and in accordance with EPIP-EPP-01 or EPIP-EPP-02 CONTINUOUS
13. Implement appropriate evacuations/accountability using Figure 3 as a guide, coordinate onsite announcement with SSS CONTINUOUS

Local Area Evac.		Protected Area Evac.		Exclusion Area Evac.		Accountability	
<u>Y</u>	<u>N</u>	<u>Y</u>	<u>N</u>	<u>Y</u>	<u>N</u>	<u>Y</u>	<u>N</u>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

14. Review and approve NMP Protective Action Recommendations (PARs). CONTINUOUS

NOTE: THE ED/RM SHALL NOT DELEGATE THE APPROVAL OF NOTIFICATIONS OR PROTECTIVE ACTIONS TO OFF-SITE AGENCIES.

15. Verify with EOF Administrator that State and County Liaisons have been assigned to report to the State and County EOCs. ☐ ☐
16. Direct TLAM to interface with the J. A. FitzPatrick Nuclear Power Plant Liaison to obtain support as necessary. ☐ ☐

ATTACHMENT 18: EMERGENCY DIRECTOR/RECOVERY MANAGER

Page 3 of 7

Name:	Date:	Unit <input type="checkbox"/> 1 <input type="checkbox"/> 2
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Complete N/A

17. Continuously evaluate plant status, and when appropriate, implement actions in accordance with EPIP-EPP-25 for reclassification, termination and/or recovery. CONTINUOUS
18. Ensure periodic briefings are conducted (use area managers) regarding emergency status and progress. Attachment 18, Figure 1, "Ingredients for a Good Update" may be utilized for this. CONTINUOUS
19. Meet with Federal, State and County officials to discuss plant status, the prognosis of the emergency, and protective action recommendations, if appropriate. Utilize Attachment 18, Figure 2, "ED/RM Guidelines for NRC and Offsite Agency Interface". CONTINUOUS
20. Review and approve all press releases. CONTINUOUS
21. Periodically brief appropriate corporate officer CONTINUOUS
22. Assist the TSC Manager in continued assessment of emergency conditions and in determining and directing actions per the Site Emergency Plan and Procedures. CONTINUOUS
23. Authorize emergency exposures as necessary in accordance with EPIP-EPP-15. CONTINUOUS
24. Direct the TLAM to interface as needed with representatives of the Legal, Claims and Risk Management Departments. CONTINUOUS
25. Direct the TLAM to establish communications with INPO and/or other vendor organizations as conditions warrant and request their assistance, if deemed necessary. CONTINUOUS
26. Coordinate SORC/SRAB review as appropriate, of any emergency actions, procedures, modifications, etc. ☐ ☐
27. Approve all outside technical and vendor contracts. ☐ ☐
28. Authorize purchases of necessary equipment and supplies, as appropriate. CONTINUOUS
29. Coordinate with the Recovery Organization to schedule recovery meetings and prepare agenda per EPIP-EPP-25. ☐ ☐

ATTACHMENT 18: EMERGENCY DIRECTOR/RECOVERY MANAGER

Page 4 of 7

Name:	Date:	Unit <input type="checkbox"/> 1 <input type="checkbox"/> 2
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Complete N/A

30. Direct the TLAM to arrange for legal and technical interface as necessary, if outside groups are to conduct investigations (e.g., NRC, Congressional Subcommittees, etc.). Also, determine the advisability of conducting an independent and parallel in-house investigation and direct same as appropriate. ☐ ☐
31. If required, request D.O.E. assistance through FRMAP (Federal Radiological Monitoring and Assessment Plan) via the TLAM. ☐ ☐
32. Ensure the initiation of the development of environmental impact studies. ☐ ☐
33. Direct the ODAM to ensure an evaluation of a release is performed in accordance with 10CFR140.84, Radiological Criteria for Extraordinary Nuclear Occurrence per EPIP-EPP-16, Environmental Monitoring. ☐ ☐
34. Direct the ODAM to ensure an estimate of the total population dose is made per EPIP-EPP-16, Environmental Monitoring. ☐ ☐
35. Develop long term staffing plans for ED/RM positions and review staffing plans for other ERF's. ☐ ☐
36. Ensure collection of paperwork developed during the emergency for later review and analysis. ☐ ☐
37. Retain for inclusion in the Permanent Plant File records generated as a result of an actual declared emergency. ☐ ☐

INGREDIENTS FOR A GOOD UPDATE

- ☐ "Attention in the EOF; This (is/is not) a drill; This is an Update."
- ☐ Emergency Classification
- ☐ Plant Status
 - Briefly - Where we've been....
 - Where we are
 - Where we are going.....time frame if known
- ☐ Release information
- ☐ Protective Action status...Clarify NMP PARs versus County Actions
- ☐ Outside involvement...NRC, INPO, GE, Others?
- ☐ "What other information or corrections does anyone have that relate to our status or plan?"
- ☐ "Any questions?"
- ☐ "End of update"

ED/RM GUIDELINES FOR NRC AND OFFSITE AGENCY INTERFACE

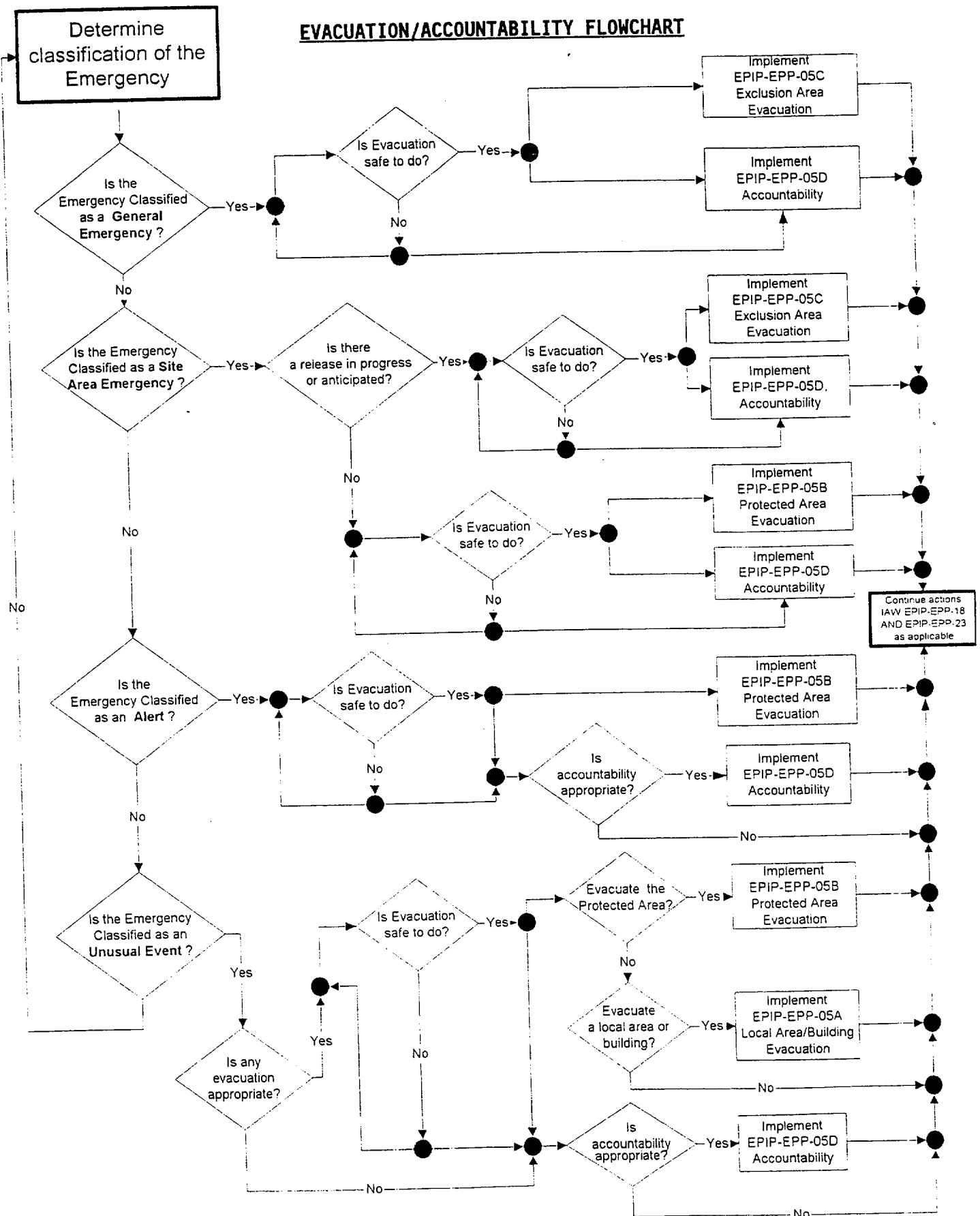
NOTE: This guideline refers to NRC, County or State (hereafter referred to as NRC/Offsite) emergency response personnel.

1. IF an additional ED/RM is available, direct them to complete the actions contained in this guideline.
2. Introduce yourself to arriving NRC/offsite personnel.
3. Direct EOF Administrator to show above personnel to their respective EOF rooms.
4. Assign Nine Mile Point ERO personnel as contacts in each of the following areas:
 - dose assessment (request persons name from the ODAM)
 - plant assessment (request persons name from the EOF Administrator)
 - command/control (assign this person yourself)
5. Announce the following over the EOF PA system:

"Attention in the EOF. The following persons have been assigned as primary contacts for the NRC, State and County EOF responders (state the name of each contact person and their area of responsibility). I would request that all NRC, State and County personnel direct all questions to those individuals. Thank you.
6. Periodically update NRC/Offsite personnel regarding plant and radiological conditions, as well as intended protective actions for onsite and offsite.

NOTE: The assignment of contact personnel does NOT preclude the NRC/Offsite personnel from talking with other NMP EOF staff.

FIGURE 3

EVACUATION/ACCOUNTABILITY FLOWCHART

ATTACHMENT 19: TECHNICAL LIAISON ADVISORY MANAGER

Page 1 of 2

Name:	Date:	Unit <input type="checkbox"/> 1 <input type="checkbox"/> 2
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- NOTES:**
1. All steps should be performed.
 2. Use N/A or N/R if appropriate.
 3. Maintain a log documenting other activities.
 4. Ensure actions required by Attachment 1, ERF General Actions are accomplished.

Complete N/A

1. Activate the EOF per EPIP-EPP-13 as needed. ☐ ☐
2. Obtain initial briefing from the NED Coordinator ☐ ☐
3. Notify the appropriate corporate officer of the event at NMPNS ☐ ☐
4. Contact representatives of the Legal Department and advise the individual contacted of the emergency situation. If necessary, request that an Attorney and a Claims Department representative be dispatched to the EOF. ☐ ☐

NOTE: Provide proper travel direction (to avoid radioactive plume) as appropriate. Also determine if individuals have an Oswego County Access Control ID card. If not, coordinate obtaining these cards through the EOF Security Director.

5. Contact the American Nuclear Insurers (ANI) and provide a technical briefing on the accident situation. Provide the names and phone numbers of Risk Management personnel. ☐ ☐
6. Inform the Communications Coordinator in the EOF that you have taken over the notifications to ANI. ☐ ☐
7. Interface with G.E. representative **CONTINUOUS**
8. Contact a representative of the Risk Management Department and advise the individual contacted of the emergency situation and of your conversation with ANI. ☐ ☐
9. Contact a representative of the Quality Assurance Department and advise the individual contacted of the emergency situation. ☐ ☐
10. When contacted by the INPO Liaison, make arrangements for entry into the EOF. ☐ ☐
11. Interface with the INPO Liaison on matters relating to assistance requests made to INPO and/or the industry. **CONTINUOUS**
12. Contact the EOF/JNC Liaison and coordinate release of information to public. **CONTINUOUS**

ATTACHMENT 19: TECHNICAL LIAISON ADVISORY MANAGER

Page 2 of 2

Name:	Date:	Unit <input type="checkbox"/> 1 <input type="checkbox"/> 2
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Complete N/A

13. Establish an advisory group of engineers and technicians (including outside consultants, Legal and Claims personnel) to provide assistance to the Emergency Director/Recovery Manager. . . . ☐ ☐
14. Ensure that necessary plant modifications, designs, etc. are appropriately reviewed by the Quality Assurance Department. CONTINUOUS
15. Authorize purchases of necessary equipment and supplies, as appropriate. CONTINUOUS
16. Ensure all engineering-related activities and support are properly initiated and carried out. CONTINUOUS
17. Ensure appropriate review of all necessary plant modifications, designs, etc. Interface with the SORC and SRAB, as applicable. CONTINUOUS
18. Periodically interface with the Work Control groups to assure appropriate scheduling and prioritization of activities. CONTINUOUS
19. After the emergency condition has subsided, assist the ED/RM in the development of termination and/or recovery criteria in accordance with EPIP-EPP-25. ☐ ☐
20. If outside groups are to conduct investigations (e.g., NRC, Congressional Subcommittees, etc.) coordinate with the Emergency Director/Recovery Manager, Legal Department, and others as necessary to arrange for legal and technical interface. ☐ ☐
21. Determine the advisability of conducting an independent and parallel in-house investigation, and direct same as appropriate. . . . ☐ ☐
22. Develop long term staffing plans for support organizations as needed. ☐ ☐
23. Collect paperwork developed during the emergency for later review and analysis. ☐ ☐
24. Retain for inclusion in the Permanent Plant File records generated as a result of an actual declared emergency. ☐ ☐

Name:	Date:	Unit <input type="checkbox"/> 1 <input type="checkbox"/> 2
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- NOTES:**
1. All steps should be performed.
 2. Use N/A or N/R if appropriate.
 3. Maintain a log documenting other activities.
 4. Ensure actions required by Attachment 1, ERF General Actions are accomplished.

- | | <u>Complete</u> | <u>N/A</u> |
|--|--------------------------|--------------------------|
| 1. Activate the EOF in accordance with EPIP-EPP-13. | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Verify that sufficient numbers of secondary responders are available and are reporting to the emergency facility by reviewing the fax from Community Alert Network (CAN) located at the CAN designated fax. | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Obtain a briefing from the ED/RM or the TLAM and determine administrative/logistics needs | <input type="checkbox"/> | <input type="checkbox"/> |
| 4. Make an announcement in the EOF using the PA System that all EOF Staff ensure they have registered at the EOF Registration Desk | <input type="checkbox"/> | <input type="checkbox"/> |
| 5. For each classification and as appropriate | <input type="checkbox"/> | <input type="checkbox"/> |
| • Complete Figure 1, then Fax it to the NLC (349-7977) | | |
| • Call the NLC Receptionist (349-2080) and direct them to perform Attachment 10 of EPIP-EPP-13 using the Figure 1 as the announcement. | | CONTINUOUS |
| 6. When time permits, insure that all ERO members qualification status is current using the following actions: | | |
| a. Utilize the instructions on the first page of the ERO qualification list. | | |
| b. If an ERO members qualification status is lapsed OR cannot be determined: | | |
| 1. Immediately replace the ERO member with a qualified individual, OR | | |
| 2. Provide direct oversight of the unqualified individual until such time that a qualified replacement can be obtained. | | |
| NOTE: Personnel who are not ERO qualified may perform required actions ONLY with direct oversight from an ERO member qualified in the action(s) being performed | <input type="checkbox"/> | <input type="checkbox"/> |
| 7. Contact each of the following groups and advise the contact of the situation and relate any current or anticipated assistance that may be needed: | | |
| • NMP Admin. Support/Services Name: _____ # _____ | <input type="checkbox"/> | <input type="checkbox"/> |
| • NMP Purchasing Name: _____ # _____ | <input type="checkbox"/> | <input type="checkbox"/> |
| • Decarolis Truck Rental Inc.: _____ #315-433-2311 | <input type="checkbox"/> | <input type="checkbox"/> |
| • NMP Treasury Name: _____ # _____ | <input type="checkbox"/> | <input type="checkbox"/> |
| • NMP Materials Management Name: _____ # _____ | <input type="checkbox"/> | <input type="checkbox"/> |
| • NMP Network Management Name: _____ # _____ | <input type="checkbox"/> | <input type="checkbox"/> |

NOTE: Provide proper travel direction (to avoid radioactive plume) as appropriate. Also determine if individuals contacted have an Oswego County Access Control ID card. If not, coordinate obtaining these cards through the EOF Security Director.

Name:	Date:	Unit <input type="checkbox"/> 1 <input type="checkbox"/> 2
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Complete N/A

8. Instruct EOF staff to verify the qualification status of all ERO members being utilized for the emergency. ☐ ☐
9. Establish general administrative activities, as required or requested, for all emergency response/recovery centers, including the following:
- Typing services ☐ ☐
 - Xerox services ☐ ☐
 - Stenographic support ☐ ☐
 - Facsimile services ☐ ☐
 - Audio/visual aids, graphics, printing and photography ☐ ☐
 - Communications services ☐ ☐
 - Office furniture ☐ ☐
10. Establish a commissary (if appropriate) and arrange for food service and water supply support for personnel at each emergency response/recovery facility. ☐ ☐
11. Establish areas for handling transportation and housing functions, and evaluate their needs daily. ☐ ☐
12. Secure use of the aircraft services as necessary (see Attachment 21, Table 1). ☐ ☐
- NOTE:** Consult with the Environmental Sample/Survey Team Coordinator before requesting the helicopter so that radiological conditions at and in route to the helipad may be evaluated.
13. Arrange for office facilities as necessary which may include the following:
- Additional trailers (including power supplies, HVAC, etc.) ☐ ☐
 - General maintenance, housekeeping and janitorial services ☐ ☐
 - Lavatory and sanitation facilities ☐ ☐
 - Trash removal ☐ ☐
 - Mail delivery ☐ ☐
 - Communications ☐ ☐
 - Repair of office equipment ☐ ☐
14. Periodically review human resources and needs, including the following:
- Work schedules ☐ ☐
 - Staff replacement ☐ ☐
 - Payroll and petty cash ☐ ☐
15. Arrange for miscellaneous resources, including the following:
- Laboratory supplies ☐ ☐
 - Additional dosimetry and radiation equipment ☐ ☐
 - Additional Staff ☐ ☐

ATTACHMENT 20: ADMINISTRATIVE/LOGISTICS MANAGER

Page 3 of 4

Name:	Date:	Unit <input type="checkbox"/> 1 <input type="checkbox"/> 2
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Complete N/A

- 16. Arrange for the coordination and supply of materials and equipment from the NMPNS stores facilities, as appropriate ☐ ☐
- 17. Coordinate with the Work Control groups in developing work schedules and prioritizing administrative/logistics activities ☐ ☐
- 18. Retain for inclusion in the Permanent Plant File records generated as a result of an actual declared emergency. ☐ ☐

ATTACHMENT 20
FIGURE 1

Page 4 of 4

NUCLEAR LEARNING CENTER EMERGENCY ANNOUNCEMENTS

A. Classification / Evacuation Notification [use a new copy of this form for each announcement]

1. **ATTENTION - ATTENTION**
2. **This _____ (is/is not) a drill.**
3. **The Nine Mile Point Nuclear Station Unit _____ (1 or 2)**
4. **Has declared a(n) _____ (emergency classification).**

5. [Check Appropriate messages to include at all Emergency Classification levels]

[Receptionist, read only the information from the checked boxes]

- ☐ *All emergency personnel are to report to their emergency posts.*
- ☐ *All other personnel are to continue with normal duties and await further instructions.*
- ☐ *A Protected Area Evacuation is in effect at the station*
- ☐ *An Exclusion Area Evacuation has been directed. All personnel are to leave the Learning Center and go,*
 - ☐ *Home*
 - ☐ *To the Offsite Assembly Area.*

- 6. This _____ (is/is not) a drill.**

B. Event/drill termination

1. **ATTENTION - ATTENTION**
2. **This _____ (is/is not) a drill.**
3. **The _____ (event /drill) at Nine Mile Point Nuclear Station has been terminated.**

ATTACHMENT 21: SECURITY DIRECTOR

Page 1 of 3

Name:	Date:	Unit <input type="checkbox"/> 1 <input type="checkbox"/> 2
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- NOTES:**
1. All steps should be performed.
 2. Use N/A or N/R if appropriate.
 3. Maintain a log documenting other activities.
 4. Ensure actions required by Attachment 1, ERF General Actions are accomplished.
- Complete N/A**

1. Perform, or arrange for performance of, breath analysis of individuals declaring alcohol consumption within 5 hours of reporting for duty by qualified breathalyzer technique. ☐ ☐
2. Notify appropriate Security personnel of the situation at NMPNS. . . . ☐ ☐
3. Obtain briefing from the ED/RM or TLAM of plant status and Security needs. ☐ ☐
4. Ensure the EOF registration desk is manned as necessary and SFM is performing post duties **CONTINUOUS**
5. Call in (or put on standby) additional security personnel to establish/maintain security (site, EOF, JNC, etc.). ☐ ☐
6. As applicable, communicate regularly with the Security Coordinator, TSC Security Liaison, Legal departments and involved local law enforcement representatives, as needed assist in coordinating security efforts at the site ☐ ☐

NOTES: Requests for any outside law enforcement assistance must be coordinated through the Oswego County Sheriff.

7. Ensure that appropriate security measures (including badging) have been established and maintained at all emergency response/recovery facilities
 - JNC/Site Badging ☐ ☐
 - Roadblocks ☐ ☐
8. Establish and maintain traffic-control patterns (flow) at all onsite NMPNS facilities as necessary involved in the emergency response/recovery. ☐ ☐
9. Consult with the ODAM on protective measures to be taken by Security Department personnel. **CONTINUOUS**
10. Provide updates of security activities to the Emergency Director/Recovery Manager (status of roadblocks, accountability etc.). **CONTINUOUS**
11. Upon request, assist securing the aircraft services if the Administrative/Logistics Manager is not available to carry out this responsibility (see Attached Table 1) ☐ ☐

ATTACHMENT 21: SECURITY DIRECTOR

Page 2 of 3

Name:	Date:	Unit <input type="checkbox"/> 1 <input type="checkbox"/> 2
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Complete N/A

NOTE: Consult with the Environmental Sample/Survey Team Coordinator before requesting the helicopter so that radiological conditions at and in route to the helipad may be evaluated.

12. Assist the ED/RM as necessary in developing termination and/or recovery criteria as needed. ☐ ☐
13. In conjunction with the Security Coordinator, develop long term staffing plans as necessary. ☐ ☐
14. Collect paperwork developed during the emergency for later review and analysis. ☐ ☐
15. Retain for inclusion in the Permanent Plant File records generated as a result of an actual declared emergency. ☐ ☐

AIRCRAFT SERVICES

Purchase Orders are in place and aircraft services may be obtained from any of the following vendors as necessary to support the emergency:

Aviation Services Unlimited
West Corporate Hangar
Oneida County Airport
PO Box 629
Oriskany, NY 13424
1-800-626-4392 (pin #1209)

Syracuse Executive Air Service
1899 Malden Road
Syracuse, NY 13211
1-315-455-6617

ATTACHMENT 22: EOF ADMINISTRATOR

Page 1 of 2

Name:	Date:	Unit <input type="checkbox"/> 1 <input type="checkbox"/> 2
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NOTES:

1. All steps should be performed.
2. Use N/A or N/R if appropriate.
3. Maintain a log documenting other activities.
4. Ensure actions required by Attachment 1, ERF General Actions are accomplished.

Complete N/A

- | | | | |
|-----|---|--------------------------|--------------------------|
| 1. | Activate the EOF in accordance with EPIP-EPP-13. | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. | Maintain a chronological log of events. | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. | Synchronize clocks in the EOF with control room clock. | <input type="checkbox"/> | <input type="checkbox"/> |
| 4. | Verify that sufficient numbers of secondary responders are available and are reporting to the emergency facility by reviewing the fax from Community Alert Network (CAN) located at the CAN designated fax. | <input type="checkbox"/> | <input type="checkbox"/> |
| 5. | Direct the following to implement their respective EPIP-EPP-23 Attachments | | |
| | • Tech Staff | <input type="checkbox"/> | <input type="checkbox"/> |
| | • Plant Information Coordinator | <input type="checkbox"/> | <input type="checkbox"/> |
| | • EOF Communicator | <input type="checkbox"/> | <input type="checkbox"/> |
| | • County Liaison | <input type="checkbox"/> | <input type="checkbox"/> |
| 6. | Direct the unaffected unit EOF Communicator to act as the State Liaison in accordance with this procedure. | | |
| | a. If both units are affected, then locate another qualified EOF Communicator and assign them as State Liaison | <input type="checkbox"/> | <input type="checkbox"/> |
| 7. | Ensure communication notifications with outside agencies are transferred to the EOF and maintained as per EPIP-EPP-20. | <input type="checkbox"/> | <input type="checkbox"/> |
| 8. | Ensure that EOF Tech Staff continuously update ED/RM on plant and critical systems status | <input type="checkbox"/> | <input type="checkbox"/> |
| 9. | Periodically evaluate status boards for technical accuracy. | | CONTINUOUS |
| 10. | When members of the NRC arrive during an emergency situation, notify the Emergency Director/Recovery Manager and escort the NRC Team to a conference room for a briefing. Utilize Attachment 22, Figure 1, "EOF Administrator Guidelines for NRC and Offsite Agency Interface". | <input type="checkbox"/> | <input type="checkbox"/> |
| 11. | Obtain support from computer support personnel for equipment problems. | <input type="checkbox"/> | <input type="checkbox"/> |
| 12. | Collect paperwork developed during the emergency for later review and analysis. | <input type="checkbox"/> | <input type="checkbox"/> |
| 13. | Retain for inclusion in the Permanent Plant File records generated as a result of an actual declared emergency. | <input type="checkbox"/> | <input type="checkbox"/> |

EOF ADMINISTRATOR GUIDELINES FOR NRC AND OFFSITE AGENCY INTERFACE

NOTE: This guideline refers to NRC, County or State (hereafter referred to as NRC/Offsite) emergency response personnel.

1. When directed by the ED/RM, assign a contact person to meet the needs of NRC/Offsite personnel responding to the EOF.
2. Assign that contact person to complete the remainder of this guideline.

NOTE: The remainder of this guideline is to be completed by the Technical Assessment offsite contact person.

3. Introduce yourself and the EOF Technical Staff to NRC/Offsite personnel.
4. Request that any questions or concerns be directed to you.

NOTE: It is acceptable for the NRC/Offsite personnel to ask questions of the tech assessment staff. Tech assessment staff may answer any questions they feel appropriate.

5. Respond to any questions, requests for information or other needs as requested by NRC/Offsite.
6. Verify that NRC/Offsite personnel are aware of emergency classification changes and significant changes in plant conditions.

ATTACHMENT 23: OFF-SITE DOSE ASSESSMENT MANAGER

Page 1 of 3

Name:	Date:	Unit <input type="checkbox"/> 1 <input type="checkbox"/> 2
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NOTES:

1. All steps should be performed.
2. Use N/A or N/R if appropriate.
3. Maintain a log documenting other activities.
4. Ensure actions required by Attachment 1, ERF General Actions are accomplished.

Complete N/A

1. Activate the EOF as necessary in accordance with EPIP-EPP-13. . . . ☐ ☐
2. Verify that sufficient numbers of secondary responders are available and are reporting to the emergency facility by reviewing the fax from Community Alert Network (CAN) located at the CAN designated fax. . . . ☐ ☐
3. Ensure the following positions are filled:
 - One Radiological Assessment staff member ☐ ☐
 - Meteorological Advisor ☐ ☐
 - Environmental Survey Sample Team Coordinator (ESSTC) . . . ☐ ☐
4. Obtain a briefing from the ED/RM, and RAM. . . . ☐ ☐
5. Implement EPIP-EPP-08. . . . **CONTINUOUS**
6. Direct the Dose Assessment staff to maintain radiologically status boards as needed. . . . **CONTINUOUS**
7. Continually update the ED/RM on adverse radiological conditions, dose assessment activities and PARS **CONTINUOUS**
8. Review radiological effluent EALs with ED/RM **CONTINUOUS**
9. IF radiological release rate exceeds Technical Specification limits, THEN complete a Part II Notification Fact Sheet, then:
 - a. When complete, obtain signature of ED, then **CONTINUOUS**
 - b. Provide to Communications Coordinator for faxing, and **CONTINUOUS**
 - c. Provide updated Part II approximately every 30 minutes or when significant changes to source term or meteorological data **CONTINUOUS**
10. Coordinate dose projection activities with New York State and Oswego County representatives in the EOF. . . . **CONTINUOUS**
11. Verify that county protective actions status board is kept up to date **CONTINUOUS**

ATTACHMENT 23: OFF-SITE DOSE ASSESSMENT MANAGER

Page 2 of 3

Name:	Date:	Unit <input type="checkbox"/> 1 <input type="checkbox"/> 2
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Complete N/A

12. Interface with offsite agency personnel as directed by the ED/RM using Attachment 23, Figure 1, "ODAM Guidelines for NRC and Offsite Agency Interface", as a guide. . . ☐ ☐
13. Provide the following information to the Communications Coordinator and request faxing to the Oswego County EOC, NYS EOC Dose Assessment, TSC and JNC:
 - Downwind Survey Team data and associated calculations **CONTINUOUS**
 - Completed EDAMS Data Entry Forms (From EPIP-EPP-08) and associated maps **CONTINUOUS**
 - Any other data as requested by the State or County **CONTINUOUS**
14. Maintain hard copies of status board updates, dose calculations, meteorological data and downwind survey team results for later review and analysis. **CONTINUOUS**
15. Retain for inclusion in the Permanent Plant File records generated as a result of an actual declared emergency. ☐ ☐

ODAM GUIDELINES FOR NRC AND OFFSITE AGENCY INTERFACE

NOTE: This guideline refers to NRC, County or State (hereafter referred to as NRC/Offsite) emergency response personnel.

1. When directed by the ED/RM, assign a contact person to meet the needs of NRC/Offsite personnel responding to the EOF.
2. Assign that contact person to complete the remainder of this guideline.

NOTE: The remainder of this guideline is to be completed by the Assessment offsite contact person.

3. Introduce yourself and the EOF Dose Assessment Team to NRC/Offsite personnel.
4. Request that any questions or concerns be directed to you.

NOTE: It is acceptable for the NRC/Offsite personnel to ask questions of the dose assessment staff. Dose assessment staff may answer any questions they feel appropriate.

5. Respond to any questions, requests for information or other needs as requested by NRC/Offsite.
6. Resolve differences in NRC/Offsite dose projections or protective actions.
7. Verify that NMPNS dose projections, downwind survey team results, meteorology forecasts and source term data are provided to NRC, County and State.

ATTACHMENT 24: JOINT NEWS CENTER DIRECTOR

Page 1 of 2

Name:	Date:	Unit <input type="checkbox"/> 1 <input type="checkbox"/> 2
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NOTES:

1. All steps should be performed.
2. Use N/A or N/R if appropriate.
3. Maintain a log documenting other activities.
4. Ensure actions required by Attachment 1, ERF General Actions are accomplished.

Complete N/A

1. Notify appropriate personnel within your department of the situation at NMPNS and any actions to be taken. (Use PACC On-Call schedule). ☐ ☐
2. Inform customer service of the event and have calls directed to PACC ☐ ☐
3. Report to the Joint News Center (JNC) when notified ☐ ☐
4. Verify that sufficient numbers of secondary responders are available and are reporting to the emergency facility by reviewing the fax from Community Alert Network (CAN) located at the CAN designated fax. ☐ ☐
5. Activate the JNC in accordance with EPIP-EPP-27 ☐ ☐
6. Instruct the JNC Administrative Manager to verify the qualifications of all ERO members used for the emergency. ☐ ☐
7. Direct the Technical Briefer to provide a briefing on initial event conditions to JNC Staff, include State County Staff ☐ ☐
8. Establish and maintain communications with the PACC Department and keep them informed on the status of the emergency. **CONTINUOUS**
9. Establish and maintain coordination with the Emergency Director/Recovery Manager directly or through the EOF-JNC Liaison and ensure that all press releases are reviewed and approved. **CONTINUOUS**
10. Maintain coordination with the EOF-JNC Liaison located in the EOF. **CONTINUOUS**
11. Assist in the preparation of news releases. **CONTINUOUS**
12. Ensure a copy of every news release is sent to the PACC offices in Syracuse. **CONTINUOUS**
13. Ensure all JNC activities detailed in EPIP-EPP-27 are accomplished. **CONTINUOUS**

ATTACHMENT 24: JOINT NEWS CENTER DIRECTOR

Page 2 of 2

Name:	Date:	Unit <input type="checkbox"/> 1 <input type="checkbox"/> 2
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Complete N/A

14. Ensure that the Joint News Center, Media Response and Rumor Control Programs are being activated for an Alert, Site Area Emergency or General Emergency. **CONTINUOUS**
15. Establish contact and coordinate activities with both State and local Public Information Officers (PIOs). **CONTINUOUS**
16. Develop, as soon as possible, a schedule for press briefings. . . ☐ ☐
17. Ensure legal department representative is available for providing consultation regarding public information as necessary ☐ ☐
18. If possible, periodically arrange for a knowledgeable senior company official to attend press conferences ☐ ☐
19. Develop long term staffing plans as necessary for the JNC staff. ☐ ☐
20. Retain for inclusion in the Permanent Plant File records generated as a result of an actual declared emergency. ☐ ☐

ATTACHMENT 25: EOF-JNC LIAISON

Page 1 of 1

Name:	Date:	Unit <input type="checkbox"/> 1 <input type="checkbox"/> 2
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NOTES:

1. All steps should be performed.
2. Use N/A or N/R if appropriate.
3. Maintain a log documenting other activities.
4. Ensure actions required by Attachment 1, ERF General Actions are accomplished.

Complete N/A

1. Contact the TLAM or EOF Technical Staff and receive a briefing on initial accident conditions. ☐ ☐
2. Establish and maintain communications with the JNC staff and keep them informed of the status of the emergency. **CONTINUOUS**
3. Establish and maintain coordination with the Emergency Director/Recovery Manager to ensure review and approval of all press releases. **CONTINUOUS**
4. For press releases issued jointly by NMPNS and JAFNPP, ensure press release is routed to JAFNPP Emergency Director (or designee) for review after ED/RM. **CONTINUOUS**
5. Assist in the preparation of news releases **CONTINUOUS**
 - a. Ensure information to be released to the public has been reviewed by the TLAM and is both technically accurate and easily understandable. . . . **CONTINUOUS**
 - b. Press releases may be reviewed by Legal Department staff, if available. **CONTINUOUS**
 - c. Direct copy clerk to distribute copy of approved News Releases to all personnel in EOF **CONTINUOUS**
6. Retain for inclusion in the Permanent Plant File records generated as a result of an actual declared emergency. ☐ ☐

ATTACHMENT 26: ENVIRONMENTAL SURVEY/SAMPLE TEAM COORDINATOR

Page 1 of 2

Name:	Date:	Unit <input type="checkbox"/> 1 <input type="checkbox"/> 2
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NOTES:

1. All steps should be performed.
2. Use N/A or N/R if appropriate.
3. Maintain a log documenting other activities.
4. Ensure actions required by Attachment 1, ERF General Actions are accomplished.

Complete N/A

1. As necessary, activate the EOF in accordance with EPIP-EPP-13. . ☐ ☐
2. Obtain a briefing as to plant conditions, radiological data and other information as appropriate. ☐ ☐
3. Ensure proper use of communications equipment in accordance with EPIP-EPP-17. **CONTINUOUS**
4. Ensure exposure control is in accordance with EPIP-EPP-15. . **CONTINUOUS**
5. Interface with the ODAM for corrective actions in progress and for projected off-site doses to the public based on the type of accident. **CONTINUOUS**
6. Interface with the ODAM to discuss a survey strategy that would verify projected off-site doses. **CONTINUOUS**
7. Assign personnel to perform environmental monitoring as directed by Radiological Assessment Manager per guidance provided in EPIP-EPP-07. Priorities for assignment will depend on plant conditions; the following order of tasks is provided as a guide:
 - Dose Rate Confirmation - EPIP-EPP-07 ☐ ☐
 - Off-Site Monitoring - EPIP-EPP-07 and EPIP-EPP-16 ☐ ☐
 - Monitoring of Evacuating Vehicles and Personnel EPIP-EPP-05B,C ☐ ☐
8. Establish communications with environmental (downwind) survey teams. Assess their availability and location. Indicate survey team locations on maps provided. **CONTINUOUS**
9. Provide appropriate precautions and directions on expected or potential hazards, protective clothing requirements, and exposure control (per EPIP-EPP-15, "Health Physics Procedure"). **CONTINUOUS**

ATTACHMENT 26: ENVIRONMENTAL SURVEY/SAMPLE TEAM COORDINATOR

Page 2 of 2

Name:	Date:	Unit <input type="checkbox"/> 1 <input type="checkbox"/> 2
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Complete N/A

10. Provide data to the ODAM for dose projections. CONTINUOUS
11. Ensure all data received is logged on status boards. CONTINUOUS
12. Ensure survey teams are briefed periodically on plant conditions (use discretion so as not to alarm the public). CONTINUOUS
13. Notify downwind teams as soon as you know that a release has occurred. ☐ ☐
14. Coordinate environmental monitoring activities with local, state and federal agencies. CONTINUOUS
15. Ensure that the EOF radio operator is recording all data reported by the survey teams on the Survey Team Report form. CONTINUOUS
16. Ensure that data received from the survey teams is being transmitted to the TSC CONTINUOUS
17. Provide copies of survey team report data logged on the status board sheet to county, state and federal personnel located in the EOF as well as the ODAM and public information personnel CONTINUOUS
18. Periodically update instructions to the survey teams as new information becomes available. CONTINUOUS
19. Ensure that meteorological data is being posted on status boards and survey maps. CONTINUOUS
20. Ensure forecasts are being obtained. CONTINUOUS
21. Provide administrative and technical direction to the re-entry teams in accordance with EPIP-EPP-12. CONTINUOUS
22. Retain for inclusion in the Permanent Plant File records generated as a result of an actual declared emergency. ☐ ☐

ATTACHMENT 27: CONTROL ROOM COMMUNICATOR

Page 1 of 1

Name:	Date:	Unit <input type="checkbox"/> 1 <input type="checkbox"/> 2
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- NOTES:**
1. All steps should be performed.
 2. Use N/A or N/R if appropriate.
 3. Maintain a log documenting other activities.

Complete N/A

NOTE: The purpose of the Control Room Communicator is for the transmission of technical data only. This position should not be used for "command and control" activities, requests for action or Communications Aide activities.

1. Enter affected control Room and inform the SSS that the Control Room Communicator position is now staffed. ☐ ☐
2. Inform the TSC Communicator in the TSC that the Control Room Communicator position is now staffed ☐ ☐
3. Establish and maintain communications with the following, using the Tech Information Line or telephone:
 - TSC Communicator ☐ ☐
 - EOF Communicator ☐ ☐
 - JNC (Tech Briefer) ☐ ☐
4. Provide plant status/events, systems status, alarms, and operator responses/actions to all ERFs as they occur or as requested. **CONTINUOUS**
5. Complete the Notification Fact Sheet, Part III found in EPIP-EPP-20, and fax to all appropriate locations using rapid dial button 48 every 30 minutes **CONTINUOUS**
6. Respond to any requests for information from the ERFs. . . . **CONTINUOUS**
7. Retain for inclusion into the Permanent Plant File records generated as a result of an actual declared emergency. ☐ ☐

ATTACHMENT 28: DOSE ASSESSMENT STAFF

Page 1 of 1

Name:	Date:	Unit <input type="checkbox"/> 1 <input type="checkbox"/> 2
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NOTES:

1. All steps should be performed.
2. Use N/A or N/R if appropriate.
3. Maintain a log documenting other activities.
4. Ensure actions required by Attachment 1, ERF General Actions are accomplished.

Complete N/A

1. Assist in activation of the EOF in accordance with EPIP-EPP-13 . ☐ ☐
2. Verify operability of
 - a. EDAMS computer(s) ☐ ☐
 - b. Commercial telephone ☐ ☐
3. Obtain current copy of EPIP-EPP-08 ☐ ☐
4. Obtain briefing from ODAM regarding plant and radiological conditions and position expectations ☐ ☐
5. Contact the affected Unit Chemistry Technician/Dose Assessment Advisor regarding:
 - status of any radiological releases ☐ ☐
 - dose assessment efforts to date ☐ ☐
 - impending/actual Protection Action Recommendations (PAR) . ☐ ☐
6. Complete activities in accordance with EPIP-EPP-08, as directed by the ODAM ☐ ☐
7. When dose calculations have been performed, verify accuracy of calculations via use of a checker ☐ ☐
8. If time permits, perform postulated dose calculations using current meteorological conditions, a LOCA accident and a 1 Ci/sec release rate ☐ ☐
9. If sufficient personnel exist, utilize one EDAMS computer for postulated dose assessments, and one EDAMS computer to track actual releases ☐ ☐
10. Retain for inclusion in the Permanent Plant File records generated as a result of an actual declared emergency ☐ ☐

ATTACHMENT 29: EOF RADIATION PROTECTION TECHNICIAN

Page 1 of 1

Name:	Date:	Unit <input type="checkbox"/> 1 <input type="checkbox"/> 2
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- NOTES:**
1. All steps should be performed.
 2. Use N/A or N/R if appropriate.
 3. Maintain a log documenting other activities.
 4. Ensure actions required by Attachment 1, ERF General Actions are accomplished.

Complete N/A

1. Report to ODAM for assignment ☐ ☐
2. If requested by ODAM, act as radio operator for downwind survey terms ☐ ☐
3. Perform radiological surveys of the EOF as directed by the ODAM ☐ ☐
4. If directed by ODAM and, if qualified, utilize DRMS terminal or ARM data to assist in dose assessment activities ☐ ☐

ATTACHMENT 30: PLANT INFORMATION COORDINATOR

Page 1 of 2

Name:	Date:	Unit <input type="checkbox"/> 1 <input type="checkbox"/> 2
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NOTES:

1. All steps should be performed.
2. Use N/A or N/R if appropriate.
3. Maintain a log documenting other activities.
4. Ensure actions required by Attachment 1, ERF General Actions are accomplished.

Complete N/A

1. Inform the EOF Administrator of your arrival ☐ ☐
2. Locate and post the following status boards:
 - Emergency Events Status log ☐ ☐
 - Protective Actions Status ☐ ☐
 - Major plant parameters/trending ☐ ☐
3. Maintain the following status boards as follows:

Status Board	Update Frequency	Posting procedure
Emergency Events Status Log	As needed but at least every 15 min	Obtain information from EOF Communicator or from EOF Tech Staff. Direct the EOF Tech Communicator to update status board.
Protective Actions Status	As protective actions are made by utility or County	Obtain from ODAM, County Liaison or Emergency Director (ED)
Plant Status Board	Every 15 min	Obtain information from EOF Communicator or from EOF Tech Staff. Clerical staff may be assigned to this function if they are informed of the source of data
Part 1 Notification Fact Sheets	Each time one is generated	Obtain from Communications Coordinator, enlarge on poster maker and post. Clerical staff may be assigned to this function
Part 2 Notification Fact Sheets	Each time one is generated	Obtain from Communications Coordinator, enlarge on poster maker and post. Clerical staff may be assigned to this function
Part 3 Notification Fact Sheets	Each time one is generated	Obtain from Communications Coordinator, enlarge on poster maker and post. Clerical staff may be assigned to this function

ATTACHMENT 30: PLANT INFORMATION COORDINATOR

Page 2 of 2

Name:	Date:	Unit <input type="checkbox"/> 1 <input type="checkbox"/> 2
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Complete N/A

4. Process Part 1 Notification Fact Sheets (NFS) as follows:

a. When the Emergency director (ED/RM) declares an emergency classification THEN:

1. Develop a Part 1 NFS in accordance with step 4c of this Attachment, AND
2. Provide the completed Part 1 NFS to the ED/RM for approval within approximately 10 minutes of the time at declaration

b. Perform updates to the Part 1 NFS approximately every 30 minutes as follows:

1. Develop a Part 1 NFS in accordance with Step 4c of this Attachment, AND
2. Provide the completed Part 1 NFS to the ED/RM for approval within approximately 25 minutes of the time the most recent Part 1 NFS was developed.

c. Develop Part 1 NFS as follows:

1. Obtain the following data from the following sources:

Part 1 Item	Source of information
2-5,8,9,10	Tech Staff
6,7	ODAM
11-13	Met Advisor
1,14	Leave Blank

2. When input to the draft Part 1 NFS is complete, then verify for completeness and legibility.

3. Provide to ED/RM for approval.

5. Direct questions to the EOF Administrator. ☐ ☐

6. Retain for inclusion in the Permanent Plant File records generated as a result of an actual declared emergency . . ☐ ☐

ATTACHMENT 31: EOF TECH STAFF

Page 1 of 1

Name:	Date:	Unit <input type="checkbox"/> 1 <input type="checkbox"/> 2
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NOTES:

1. All steps should be performed.
2. Use N/A or N/R if appropriate.
3. Maintain a log documenting other activities.
4. Ensure actions required by Attachment 1, ERF General Actions are accomplished.

Complete N/A

1. Inform the EOF Administrator of your arrival ☐ ☐
2. Establish contact the EOF Technical Communicator ☐ ☐
3. Assign unaffected unit Tech Staff member to monitor SPDS ☐ ☐
4. Monitor plant status briefings provided by EOF Communicator ☐ ☐
5. Continuously update the ED/RM on plant and critical systems status **CONTINUOUS**
6. Continually assess information received against the emergency action levels ☐ ☐
7. Immediately inform the ODAM and the Emergency Director of any potential release pathways or any indication or a radiological release ☐ ☐
8. Immediately brief Emergency Director regarding emergency action levels that have been met or may be met ☐ ☐
9. Support requests for information as requested ☐ ☐

ATTACHMENT 32: EOF COMMUNICATOR

Page 1 of 2

Name:	Date:	Unit <input type="checkbox"/> 1 <input type="checkbox"/> 2
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- NOTES:**
1. All steps should be performed.
 2. Use N/A or N/R if appropriate.
 3. Maintain a log documenting other activities.
 4. Ensure actions required by Attachment 1, ERF General Actions are accomplished.

Complete N/A

- NOTES:**
1. The purpose of the Tech Info line is to obtain and exchange information related to plant systems and parameters.
 2. The nature of the technical information obtained should be general in nature, such that it provides a comprehensive overview of plant/systems status. Additionally, the information should be oriented toward emergency action levels and information that may impact the public.

1. Inform the EOF Administrator of your arrival ☐ ☐
2. Establish communication on the Tech Info line ☐ ☐
3. IF the Tech Info line is not functioning, then:
 - a. request that the Admin/Logistics Manager have the line repaired in accordance with EPIP-EPP-17 . . . ☐ ☐
 - b. contact the TSC Communicator in the TSC by commercial telephone OR portable radio (using "Nine Mile Point Admin" channel) ☐ ☐
4. Solicit information regarding:
 - Overall plant status CONTINUOUS
 - Critical systems status CONTINUOUS
 - Safety parameter values CONTINUOUS
 - Emergency Action Levels met or projected to be met CONTINUOUS
5. Update EOF Tech Staff on plant and critical systems status . CONTINUOUS
6. Summarize significant events on the Events Log in accordance with direction provided by the Plant Information Coordinator ☐ ☐

ATTACHMENT 32: EOF COMMUNICATOR

Page 2 of 2

Name:	Date:	Unit <input type="checkbox"/> 1 <input type="checkbox"/> 2
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Complete N/A

7. Refer any questions regarding the following to
 the Emergency Director:
 - protective actions taken or being considered ☐ ☐
 - requests regarding mitigation or damage repair ☐ ☐

8. Direct any other questions to the EOF Administrator . . . ☐ ☐

ATTACHMENT 33: COUNTY LIAISON

Page 1 of 2

Name:	Date:	Unit <input type="checkbox"/> 1 <input type="checkbox"/> 2
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- NOTES:**
1. All steps should be performed.
 2. Use N/A or N/R if appropriate.
 3. Maintain a log documenting other activities.
 4. Ensure actions required by Attachment 1, ERF General Actions are accomplished.

Complete N/A

NOTES: Information concerning the Oswego County EOC, and its resources may be obtained from Attachment 33 Figure 1.

1. Gain access to the EOC utilizing your Oswego County Emergency Management Office identification card ("Green Card") OR company ID ☐ ☐
2. Introduce yourself to the person in charge of the EOC. This can be accomplished by requesting the name and location of this person to the registration clerk as you enter the facility ☐ ☐
3. Request from the person in charge of the EOC a telephone number at which you can be contacted ☐ ☐
4. Contact the EOF Administrator and inform him of your arrival. Use the Nine Mile Point emergency telephone directory to obtain the phone number ☐ ☐
 - a. Inform the EOF Administrator of your EOC telephone number ☐ ☐
5. Utilizing the Technical Information Line and faxed Part 1 and 3 Notification Fact Sheets available in the EOC, determine the following:
 - General plant condition CONTINUOUS
 - Status of radiological releases to the environment CONTINUOUS
 - Major plant equipment out of service CONTINUOUS
 - Projected plant, equipment and radiological conditions CONTINUOUS
6. Utilize any necessary contacts to continuously obtain updated information, and report this information to the person in charge of the EOC OR whoever you have been instructed to interface with CONTINUOUS

INFORMATION ON THE OSWEGO COUNTY EOC

1. The reporting location is the Oswego County EOC at the Oswego County Branch Office Building, 200 North Second Street in Fulton. The office is located across from Mimi's Restaurant on Route 481. Enter through the main entrance on the back of the building.
2. The County Liaison shall arrive at the County EOC within one hour of being notified.
3. The kit for the County Liaison should contain the Nine Mile Point Site and Emergency telephone directory.
4. The following Nine Mile Point controlled documents are available in the EOC Dose Assessment Room:
 - Emergency Plan Implementing Procedures (EPIP's)
 - Emergency Plan Maintenance Procedures (EPMP's)
 - Site Emergency Plan
 - Unit 1 UFSAR
 - Unit 2 USAR
 - Unit 1 and Unit 2 P&ID's
5. The "Technical Information Line" is located in the County EOC Dose Assessment Room. This communication loop ties in phone talkers at the following Nine Mile Point locations:
 - Control Rooms
 - TSC
 - EOF
 - JNC

ATTACHMENT 34: STATE LIAISON

Page 1 of 3

Name:	Date:	Unit <input type="checkbox"/> 1 <input type="checkbox"/> 2
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- NOTES:**
1. All steps should be performed.
 2. Use N/A or N/R if appropriate.
 3. Maintain a log documenting other activities.
 4. Ensure actions required by Attachment 1, ERF General Actions are accomplished.

Complete N/A

NOTES: Information concerning the New York State EOC, and its resources may be obtained from Attachment 34 Figure 1.

1. Make contact with the EOF Administrator and receive the assignment ☐ ☐
2. Have the EOF Admin/Logistics arrange transportation and lodging. If necessary, utilize available aircraft resources ☐ ☐
3. Gain access to the EOC utilizing your Oswego County Emergency Management Office identification card ("Green Card") OR company ID ☐ ☐
4. Introduce yourself to the person in charge of the EOC. This can be accomplished by requesting the name and location of this person to the registration clerk as you enter the facility ☐ ☐
5. Request from the person in charge of the EOC a telephone number at which you can be contacted ☐ ☐
6. Contact the EOF Administrator and inform him of your arrival. Use the Nine Mile Point emergency telephone directory to obtain the phone number ☐ ☐
 - a. Inform the EOF Administrator of your EOC telephone number ☐ ☐
7. Utilize ERDS and faxed Part 1 and 3 Notification Fact Sheets available in the EOC, determine the following:
 - General plant condition CONTINUOUS
 - Status of radiological releases to the environment CONTINUOUS
 - Major plant equipment out of service CONTINUOUS
 - Projected plant, equipment and radiological conditions CONTINUOUS

ATTACHMENT 34: STATE LIAISON

Page 2 of 3

Name:	Date:	Unit <input type="checkbox"/> 1 <input type="checkbox"/> 2
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Complete N/A

8. For additional technical information, contact
 the Tech staff in the EOF using telephone
 numbers obtained from the Nine Mile Point Site
 and Emergency telephone directory ☐ ☐

9. Utilize any necessary contacts to continuously
 obtain updated information, and report this
 information to the person in charge of the EOC,
 OR whoever you have been instructed to interface
 with. ☐ ☐

INFORMATION ON THE NEW YORK STATE EOC

1. This position is filled by the unaffected Unit EOF Communicator position, who shall arrive at the EOF within one hour of being notified.
2. The initial reporting location for this position is the EOF.
3. The State EOC is located in Building 22, State Campus, Washington Avenue, Albany. To get there: take Interstate 90 east to Albany; get off at exit 22; go through the toll booths and follow the signs to 90 east. Take the exit for "State Offices" and follow the direction to building 22.
4. The kit for the State Liaison should contain the Nine Mile Point Site and Emergency telephone directory.
5. The following Nine Mile Point controlled documents are available in the EOC Assessment and Evaluation Room.
 - Emergency Plan Implementing Procedures (EPIP's)
 - Emergency Plan Maintenance Procedures (EPMP's)
 - Site Emergency Plan
 - Unit 1 UFSAR
 - Unit 2 USAR
 - Unit 1 and Unit 2 P&ID's
 - Unit 1 and 2 simplified plant diagrams
 - Unit 1 and 2 Technical Specifications
6. The State EOC has an Emergency Response Data System (ERDS) link which will provide real time plant parameters.

ATTACHMENT 35: CHEMISTRY SUPPORT (TSC)

Page 1 of 1

Name:	Date:	Unit <input type="checkbox"/> 1 <input type="checkbox"/> 2
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NOTES:

1. All steps should be performed.
2. Use N/A or N/R if appropriate.
3. Maintain a log documenting other activities.
4. Ensure actions required by Attachment 1, ERF General Actions are accomplished.

Complete N/A

1. Contact the Radiological Assessment Manager (RAM) to indicate you are present and are available for assignment ☐ ☐
2. Assist the RAM as necessary and as assigned **CONTINUOUS**
 - a. Typical assignments may include (for example):

NOTE: Ensure the following activities are performed in accordance with EPIP-EPP-22, Damage Control.

 - Effluent monitoring
 - Coolant sampling and/or analysis
 - Post Accident Sampling System (PASS) related activities
 - Assistance with Damage Control Teams
3. Routinely keep the RAM, and anyone else you are assigned to assist, informed of your activities, progress and status **CONTINUOUS**
4. Keep detailed notes, indicating times, actions, and personnel you have interacted with ☐ ☐
 - a. Save all paperwork generated and ensure it is given to EP at event termination ☐ ☐

ATTACHMENT 36: FUELS ENGINEER

Page 1 of 1

Name:	Date:	Unit <input type="checkbox"/> 1 <input type="checkbox"/> 2
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NOTES:

1. All steps should be performed.
2. Use N/A or N/R if appropriate.
3. Maintain a log documenting other activities.
4. Ensure actions required by Attachment 1, ERF General Actions are accomplished.

Complete N/A

1. Contact the Nuclear Engineering Design (NED) Coordinator to indicate you are present and are available for assignment ☐ ☐
2. If you are assigned Emergency Operating Procedure (EOP) or Severe Accident Management (SAM) duties, use EPIP-EPP-31 as guidance ☐ ☐
3. Coordinate with the Reactor Analyst, as appropriate, to validate fuel failure and/or shutdown margin calculations ☐ ☐
4. Routinely keep the NED Coordinator, and anyone else you are assigned to assist, informed of your activities, progress and status **CONTINUOUS**
5. Keep detailed notes, indicating times, actions, and personnel you have interacted with ☐ ☐
 - a. Save all paperwork generated and ensure it is given to EP at event termination ☐ ☐

ATTACHMENT 37: ELECTRICAL/MECHANICAL ENGINEER

Page 1 of 1

Name:	Date:	Unit <input type="checkbox"/> 1 <input type="checkbox"/> 2
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NOTES:

1. All steps should be performed.
2. Use N/A or N/R if appropriate.
3. Maintain a log documenting other activities.
4. Ensure actions required by Attachment 1, ERF General Actions are accomplished.

Complete N/A

1. Contact the Nuclear Engineering Design (NED) Coordinator to indicate you are present and are available for assignment ☐ ☐
2. If you are assigned Emergency Operating Procedure (EOP) or Severe Accident Management (SAM) duties, use EPIP-EPP-31 as guidance ☐ ☐
3. Familiarize yourself with the systems that are being challenged or experiencing problems, as time permits, in preparation to provide any required assistance ☐ ☐
4. IF not familiar with the system you are assigned to address THEN ensure the NED Coordinator takes necessary actions to have a "system expert" report to the TSC for support ☐ ☐
5. Routinely keep the NED Coordinator, and anyone else you are assigned to assist, informed of your activities, progress and status **CONTINUOUS**
6. Keep detailed notes, indicating times, actions, and personnel you have interacted with ☐ ☐
 - a. Save all paperwork generated and ensure it is given to EP at event termination ☐ ☐

ATTACHMENT 38: HPN COMMUNICATOR

Page 1 of 1

Name:	Date:	Unit <input type="checkbox"/> 1 <input type="checkbox"/> 2
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NOTES:

1. All steps should be performed.
2. Use N/A or N/R if appropriate.
3. Maintain a log documenting other activities.
4. Ensure actions required by Attachment 1, ERF General Actions are accomplished.

Complete N/A

1. Contact the NRC using the dedicated HPN phone located in the Technical Assessment room ☐ ☐
 - a. Ascertain from the NRC if they would prefer you: Stay on the line continuously, OR how often they would like to be contacted back with information ☐ ☐
 - b. Inform the RAM and TSCM that this is accomplished and the status of (a) above ☐ ☐
2. Provide any requested information by the NRC on a continuous basis, OR until the NRC indicates they no longer require you to maintain an open line with them **CONTINUOUS**
3. When the event (drill) is terminated, call the NRC back, if you are not already on the line, and inform them that the event (drill) is terminated ☐ ☐

ATTACHMENT 39: TECHNICAL STAFF

Page 1 of 2

Name:	Date:	Unit <input type="checkbox"/> 1 <input type="checkbox"/> 2
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NOTES:

1. All steps should be performed.
2. Use N/A or N/R if appropriate.
3. Maintain a log documenting other activities.
4. Ensure actions required by Attachment 1, ERF General Actions are accomplished.

Complete N/A

1. Contact the Technical Data Coordinator (TDC) to indicate you are present and are available for assignment ☐ ☐
2. Activate the TSC Emergency Ventilation if not already completed ☐ ☐
3. Activate process computers in TSC as applicable ☐ ☐
4. Activate appropriate control room camera ☐ ☐
5. Obtain status board forms as assigned ☐ ☐
6. As directed by the TDC,
 - a. Assist in the development of corrective/mitigative actions for Damage Control Teams (DCTs) in accordance with EPIP-EPP-22 CONTINUOUS
 - b. Provide technical expertise for DCTs during briefings and in the field as requested/directed in accordance with EPIP-EPP-22 CONTINUOUS
7. Strive to keep status boards updated approximately every 30 minutes and be sure to communicate trends as appropriate to TDC and TSCM CONTINUOUS
8. At the end of the event be sure everything is turned off and returned to normal as appropriate ☐ ☐
9. If you are assigned Emergency Operating Procedure (EOP) or Severe Accident Management (SAM) duties, use EPIP-EPP-31 as guidance ☐ ☐

ATTACHMENT 39: TECHNICAL STAFF

Page 2 of 2

Name:	Date:	Unit <input type="checkbox"/> 1 <input type="checkbox"/> 2
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NOTE: Recommend EOP/SAP person be on same line as TSC Communicator.

Complete **N/A**

10. Routinely keep the TDC, and anyone else you are assigned to assist, informed of your activities, progress and status **CONTINUOUS**
11. Keep detailed notes, indicating times, actions, and personnel you have interacted with ☐ ☐
 - a. Save all paperwork generated and ensure it is given to EP at event termination ☐ ☐

ATTACHMENT 40: ENS COMMUNICATOR

Page 1 of 1

Name:	Date:	Unit <input type="checkbox"/> 1 <input type="checkbox"/> 2
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- NOTES:**
1. All steps should be performed.
 2. Use N/A or N/R if appropriate.
 3. Maintain a log documenting other activities.
 4. Ensure actions required by Attachment 1, ERF General Actions are accomplished.

Complete N/A

1. IF this is a Unit 2 event,
THEN activate the U-2 ERDS per Attachment 5 in
EPIP-EPP-20 ☐ ☐
 2. Call the Communications Aide in the affected Control
Room (U-1 X2841, U-2 X2173) and transfer the ENS
communications responsibilities from the Control Room
to the JSC ☐ ☐
 - a. Inform the TDC and TSCM that this is accomplished . . ☐ ☐
- NOTE:** IF the dedicated ENS line is inoperable,
THEN establish contact by backup means using
EPIP-EPP-20, Attachment 4.
3. Establish contact with the NRC using the Emergency
Notification System (ENS) hotline (red phone) located
in the Technical Assessment room ☐ ☐
 - a. Inform them of our current plant and emergency
status ☐ ☐
 - b. As a minimum, report the information found on
EPIP-EPP-20, Attachment 6, "NRC Event
Notification Worksheet" ☐ ☐
 - c. Ascertain from the NRC if they would prefer you:
Stay on the line continuously,
OR how often they would like to be contacted
back with information ☐ ☐
 4. Provide any requested information by the NRC on a continuous
basis, OR until the NRC indicates they no longer require
you to maintain an open line with them **CONTINUOUS**
 5. Monitor ERDS every 60 minutes. **CONTINUOUS**
If the link is lost, restart per EPIP-EPP-20, Attachment 5
 6. When the event (drill) is terminated, call the NRC back,
if you are not already on the line, and inform them
of this fact ☐ ☐

NINE MILE POINT NUCLEAR STATION
EMERGENCY PLAN IMPLEMENTING PROCEDURE

EPIP-EPP-25

REVISION 08

EMERGENCY RECLASSIFICATION AND RECOVERY

TECHNICAL SPECIFICATION REQUIRED

Approved by:
L. E. Pisano



Manager - Nuclear Training

11/28/01
Date

Effective Date: 12/11/2001

PERIODIC REVIEW DUE DATE: AUGUST, 2002

LIST OF EFFECTIVE PAGES

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1.0 PURPOSE

To provide guidance for the Station Shift Supervisor/Emergency Director (SSS/ED) on reclassifying an emergency at a lower level or terminating emergencies. To provide guidance to the Emergency Director/Recovery Manager (ED/RM) for transitioning into and establishing the recovery phase.

2.0 PRIMARY RESPONSIBILITIES

2.1 Station Shift Supervisor/Emergency Director (SSS/ED)

Performs the duties of the SSS/ED, including event termination, for an Unusual Event.

2.2 Emergency Director/Recovery Manager (ED/RM)

- a. Classifies, reclassifies and terminates all emergencies at the alert level or higher and reclassifies emergencies as needed.
- b. Oversees the development and execution of the recovery plan in the role of Recovery Manager.

2.3 Director of Emergency Preparedness

Ensures a written summary of the event is prepared.

2.4 Admin Logistics Manager (Support Group)

Performs actions as specified in EPIP-EPP-23 as they apply to the recovery organization.

2.5 Technical Liaison Advisory Manager (Support Group)

Performs actions as specified in EPIP-EPP-23, as they apply to termination and recovery.

2.6 Manager Training (Support Group)

Reports to the EOF when directed to establish and coordinate any required or needed training services to facilitate the return of the station to operational readiness.

2.7 Director of Human Resources Development (Support Group)

Reports to the EOF when directed to establish and coordinate any required or needed HRD aspects of the recovery phase including occupational health and safety aspects to facilitate the return of the station to operational readiness.

2.8 General Manager Business Management (Support Group)

Reports to the EOF when directed to establish and coordinate any required or needed business management aspects of the recovery phase to facilitate the return of the station to operational readiness.

2.9 General Manager Nuclear Quality Assurance (Support Group)

Reports to the EOF when directed to establish and coordinate any required or needed Quality Assurance aspects of the recovery phase to facilitate the return of the station to operational readiness.

2.10 General Manager Support Services (Support Group)

Coordinates the necessary support from organizations that directly report to this position for the successful termination of the emergency and subsequent return of the station to normal operations.

2.11 Plant General Manager (Affected Unit) (Functional Group)

Coordinates the necessary support from organizations that directly report to this position for the successful termination of the emergency and subsequent return of the station to normal operations.

2.12 The General Manager Nuclear Engineering (Functional Group)

Coordinates the necessary support from organizations that directly report to this position for the successful termination of the emergency and subsequent return of the station to normal operations.

3.0 PROCEDURE

3.1 Reclassification of an Emergency to a Lower Level

NOTE: Reduction in an event classification would only be warranted if the event has been over classified on the basis of it's potential, which did not occur.

3.1.1 The SSS/ED or ED/RM should determine if the emergency has been over classified and should be reclassified at a lower classification level.

3.1.2 If reclassification to a lower level is determined to be warranted, reclassify the emergency to the appropriate level in accordance with EPIP-EPP-01/02.

3.1.3 Direct completion of notifications per EPIP-EPP-20 for reclassification.

3.2 Event Termination from an Unusual Event

3.2.1 WHEN all the following conditions exist, THEN the SSS/ED shall terminate the Unusual Event.

- a. No emergency action levels exist
- b. Station radiation levels are stable or decreasing with time, as appropriate
- c. Radioactive effluents are under control or have ceased.
- d. Any fire, flooding, or other similar emergency conditions are under control or have ceased.
- e. Drywell pressure is at normal levels.

3.2.2 Direct completion of notifications per EPIP-EPP-20 for event termination.

3.2.3 Provide a verbal summary to offsite authorities (N.Y.S and Oswego County), if requested.

3.2.4 Collect all notification forms, logs and other materials generated as a result of the emergency classification and forward to the Director of Emergency Preparedness.

3.2.5 The Director of Emergency Preparedness shall:

- a. Prepare a written summary of the event and provide to offsite authorities (N.Y.S and Oswego County) within 24 hours of event termination.
- b. Perform an assessment to determine and document procedure compliance for actual events. This review should, at a minimum, include a review of the paperwork generated from such events.

3.3 Event Termination from an Alert, Site Area or General Emergency

NOTE: The ED/RM shall discuss the situation with the County, State and Federal Authorities prior to terminating the emergency.

3.3.1 WHEN all the following conditions exist, THEN the ED/RM, shall terminate the emergency AND enter the recovery phase.

- a. Station radiation levels are stable or decreasing with time, as appropriate.
- b. Radioactive effluents are under control or have ceased.
- c. Any fire, flooding, or other similar emergency conditions are under control or have ceased.

3.3.1 (Cont)

- d. Drywell pressure is at normal levels.
- e. Reactor and associated systems are in a safe, stable condition, and it has been determined that the plant has the ability to achieve and maintain a cold shutdown condition.

3.3.2 The ED/RM shall direct completion of notifications per EPIP-EPP-20 for event termination.

3.3.3 The ED/RM shall utilize Attachment 1, "ED/RM Recovery Checklist", for guidance in transitioning into and establishing the recovery phase.

3.3.4 The Clerical staff should collect all notification forms, logs and other materials generated as a result of the emergency classification and forward to the Director of Emergency Preparedness.

3.3.5 The Director of Emergency Preparedness shall:

- a. Prepare a written summary of the event and provide to offsite authorities (N.Y.S and Oswego County) within 8 hours of event termination.
- b. Perform an assessment to determine and document procedure compliance for actual events. This review should, at a minimum, include a review of the paperwork generated from such events.

3.3.6 The General Manager Support Services shall coordinate the services and or departments under him/her as necessary to:

- a. Support the development of the recovery plan.
- b. Return the station to service.

3.3.7 The Plant General Manager (typically affected unit) shall coordinate the services and or departments under him/her as necessary to:

- a. Support the development of the recovery plan.
- b. Return the station to service.

3.3.8 The General Manager Nuclear Engineering shall coordinate the services and or departments under him/her as necessary to

- a. Support the development of the recovery plan.
- b. Return the station to service.

3.3.9 The Manager Training shall coordinate the services and or departments under him/her as necessary to:

- a. Support the development of the recovery plan.
- b. Return the station to service.

3.3.10 The Director of HRD shall coordinate the services and or departments under him/her as necessary to:

- a. Support the development of the recovery plan.
- b. Return the station to service.

3.3.11 The General Manager Business Management shall coordinate the services and or departments under him/her as necessary to:

- a. Support the development of the recovery plan.
- b. Return the station to service.

3.3.12 The General Manager Nuclear Quality Assurance shall coordinate the services and or departments under him/her as necessary to:

- a. Support the development of the recovery plan.
- b. Return the station to service.

4.0 DEFINITIONS

4.1 Recovery Plan - A comprehensive plan that details both short and long term actions. The plan should address objectives, organization, facilities involved, schedule, costs, actions, testing, ALARA, Radiological Controls, Administrative requirements, Training, Security, Environmental Impact, and maintenance of emergency preparedness.

5.0 REFERENCES AND COMMITMENTS

5.1 Technical Specifications

None

5.2 Licensee Documentation

Nine Mile Point Site Emergency Plan

5.3 Standards, Regulations, and Codes

5.3.1 NRC Region I - Incident Response Supplement to NUREG-0845, Vol I

5.3.2 NUREG-0654/FEMA-REP-1, Criteria for Preparation and Evaluation of Radiological Emergency Response Plans and Preparedness in Support of Nuclear Power Plants

5.3.3 NURG-0845, NRC Region I Emergency Response Plan

5.3.4 10CFR140, Subpart E, Extraordinary Nuclear Occurrence Criteria

5.4 Policies, Programs, and Procedures

5.4.1 EPIP-EPP-01, Classification of Emergency Conditions, Unit 1

5.4.2 EPIP-EPP-02, Classification of Emergency Conditions, Unit 2

5.4.3 EPIP-EPP-20, Emergency Notifications

5.4.4 EPIP-EPP-23, Emergency Personnel Action Procedures

5.5 Commitments

<u>Sequence Number</u>	<u>Commitment Number</u>	<u>Description</u>
----------------------------	------------------------------	--------------------

None

6.0 RECORDS REVIEW AND DISPOSITION

6.1 The following records generated by this procedure shall be maintained by Records Management for the Permanent Plant File in accordance with NIP-RMG-01, Records Management:

NOTE: This section only applies when records are generated as the result of an actual emergency declared at Nine Mile Point.

- Attachment 1, Recovery Checklist
- Attachment 3, Recovery Action Tasks

6.2 The following records generated by this procedure are not required for retention in the Permanent Plant File:

NOTE: This section only applies when records are generated as the result of activities other than actual events (such as drills and training).

- Attachment 1, Recovery Checklist
- Attachment 3, Recovery Action Tasks

LAST PAGE

ATTACHMENT 1: ED/RM RECOVERY CHECKLIST

Sheet 1 of 3

NAME:

DATE:

UNIT: ☐ 1 ☐ 2

NOTE: Ensure prerequisites for transitioning to Recovery have been met in accordance with the criteria presented in the procedure.

Check
Complete N/A

Transition into Recovery

1. Prior to establishing the Recovery Organization, the ED/RM shall initiate a conference call between the EOF and TSC involving necessary members of the EOF, TSC, OSC, Control Room and JNC. The purpose of the conference call is to collectively review the current status of the plant and determine necessary actions. ☐ ☐
- a. Suggested EOF participants in the conference call include:
 - ED/Recovery Manager ☐ ☐
 - Technical Liaison and Advisory Manager ☐ ☐
 - Administrative/Logistics Manager ☐ ☐
 - Off-Site Dose Assessment Manager ☐ ☐
 - JNC Director ☐ ☐
 - Others as identified by the ED/RM ☐ ☐
- b. Suggested TSC participants in the conference call include:
 - TSC Manager ☐ ☐
 - Maintenance Coordinator ☐ ☐
 - Radiological Assessment Manager ☐ ☐
 - Technical Data Coordinator ☐ ☐
 - TSC/NED Coordinator ☐ ☐
 - Others as identified by the TSC Manager ☐ ☐
- c. Other suggested participants in the conference call include:
 - SSS ☐ ☐
 - OSC Coordinator ☐ ☐
 - Affected Unit Plant General Manager (Functional Group) ☐ ☐
 - General Manager Nuclear Engineering (Functional Group) ☐ ☐
 - Manager Training (Support Group) ☐ ☐
 - Director of HRD (Support Group) as needed ☐ ☐
 - General Manager Business Management (Support Group) as needed ☐ ☐
 - General Manager Nuclear Quality Assurance (Support Group) ☐ ☐
 - General Manager of Support Services (Support Group) ☐ ☐

ATTACHMENT 1 (Cont)

Sheet 2 of 3

NAME:

DATE:

UNIT: ☐ 1 ☐ 2

NOTE: Ensure prerequisites for transitioning to Recovery have been met in accordance with the criteria presented in the procedure.

- | | <u>Check</u>
<u>Complete</u> | <u>N/A</u> |
|--|---------------------------------|--------------------------|
| 2. Attachment 2 is provided for use as a guide for conducting the conference call and for determining the following: | <input type="checkbox"/> | <input type="checkbox"/> |
| a. Current status of the plant | <input type="checkbox"/> | <input type="checkbox"/> |
| b. Tasks to be accomplished | <input type="checkbox"/> | <input type="checkbox"/> |
| c. Priorities (scheduling and planning) | <input type="checkbox"/> | <input type="checkbox"/> |
| d. Staffing needs (internal and contract) | <input type="checkbox"/> | <input type="checkbox"/> |
| e. Quality Assurance (additional needs) | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Specific recovery actions should be recorded on Attachment 3 | <input type="checkbox"/> | <input type="checkbox"/> |
| 4. The ED/RM should determine the make-up of the Recovery Organization and direct an orderly transition to include: | | |
| a. Completion of an organization chart (Attachment 5), (include names for each expected position) Those positions not expected to be filled should be marked N/A | <input type="checkbox"/> | <input type="checkbox"/> |
| b. Review of which facilities need to be staffed continuously | <input type="checkbox"/> | <input type="checkbox"/> |
| c. Review of proposed work schedules/shift rotation for recovery organization | <input type="checkbox"/> | <input type="checkbox"/> |
| d. Communication of transition to recovery organization to State and County officials, and ERF managers/coordinators | <input type="checkbox"/> | <input type="checkbox"/> |
| 5. The ED/RM should develop a long term Recovery Plan based upon the assessment specified in Step 2, with assistance from the recovery organization. Attachment 4 describes the content and format for the Long Term Recovery Plan | <input type="checkbox"/> | <input type="checkbox"/> |

Long-Term Recovery Actions

- | | | |
|---|--------------------------|--------------------------|
| 6. The ED/RM should periodically review recovery actions and determine the need to revise | | |
| • Long Term Recovery Plan | <input type="checkbox"/> | <input type="checkbox"/> |
| • Recovery Organization | <input type="checkbox"/> | <input type="checkbox"/> |

ATTACHMENT 1 (Cont)

Sheet 3 of 3

NAME:

DATE:

UNIT: ☐ 1 ☐ 2

NOTE: Ensure prerequisites for transitioning to Recovery have been met in accordance with the criteria presented in the procedure.

Check
Complete N/A

7. The ED/RM shall ensure status and/or changes to the Recovery Plan are continually communicated to:

- | | | |
|---|--------------------------|--------------------------|
| • Recovery Organization | <input type="checkbox"/> | <input type="checkbox"/> |
| • NRC (approval for changes required) | <input type="checkbox"/> | <input type="checkbox"/> |
| • Local Officials (NYS and Oswego County) | <input type="checkbox"/> | <input type="checkbox"/> |
| • Constellation Energy Group | <input type="checkbox"/> | <input type="checkbox"/> |
| • JNC | <input type="checkbox"/> | <input type="checkbox"/> |

ATTACHMENT 2: RECOVERY DISCUSSION TOPICS

Sheet 1 of 3

The following should be used as a guide and should not be considered as all-inclusive.

1.0 ENGINEERING

- a. Assessment of damage to plant equipment and systems
 - Repair priorities (Outage Management)
 - Assignment of responsibilities (Outage Management)
 - Staffing requirements (internal and external), or contractor/vendor)
 - Quality Assurance needs
- b. Assessment of continued ability of undamaged equipment to function
- c. Development of design changes
- d. Analysis of core damage
- e. Investigation of root cause

2.0 RADIATION

- a. Airborne release status including potential for subsequent offsite releases
- b. Identification of:
 - Affected areas
 - Restricted areas
 - Projected exposure levels
 - Additional access control areas
 - Radwaste processing requirements
 - Equipment needs
 - Staffing requirements
 - Exposures incurred to date
- c. Prioritization of:
 - Surveys
 - Decontamination efforts

2.0 (Cont)

d. Required reports (consider)

- EPA
- DEC
- FEMA
- NYS
- EPA
- Oswego County
- NRC
- Legal/claims
- Insurance Agencies
- Congress

3.0 OFFSITE CONSIDERATIONS

- a. Identification of plume footprint using dose projections
- b. Coordination of environmental sampling with the State
- c. Collection of environmental TLDs
- d. Assist State with total population dose determination
- e. Legal/Claims impact and review
- f. Determination of extraordinary nuclear occurrence(10CFR140)
- g. Insurance/liability

4.0 PUBLIC INFORMATION

Continue to provide information to the public and assist the State and County in press briefings including:

- a. Plant status
- b. PARs
- c. Insurance related information
- d. Availability of support services

ATTACHMENT 2 (Cont)

Sheet 3 of 3

4.0 (Cont)

- e. Re-location efforts
- f. Remediation efforts
- g. When evacuees may return

5.0 ADMINISTRATIVE

- a. Compile historical report
- b. Provide records management controls
- c. Assess legal ramifications
- d. Process insurance claims
- e. Identify financial impact
- f. Determine licensing status
- g. Purchasing assistance
- h. Manage contracts and control budget
- i. Determine rate impact

6.0 LOGISTICAL

- a. Conduct planning and scheduling
- b. Establish an on-site access and staging area

ATTACHMENT 3: ...COVERY ACTION TASKS

RECOVERY ACTION TASKS					Date
					Page of
No.	Objectives	Goals	Duration Short/Long Term	Priority (H/M/L)	Assigned Department or Group

1.0 INTRODUCTION

Provide a brief introduction to the Recovery Plan including:

- A brief description of the event and actions taken to date.
- A brief summary of the objectives of the Recovery operation.

2.0 OBJECTIVES

2.1 Provide a detailed discussion of the objectives of the Recovery operation.

- a. Depending on the severity of the accident, the objectives may be very simple or complex.
- b. Each objective should be clearly identified and measurable.

3.0 RECOVERY ORGANIZATION

3.1 Describe the Recovery organization needed to implement the Recovery Plan.

3.2 Identify the positions in the Recovery organization, position responsibilities, and the names of people to fill the positions.

3.3 Include an organizational chart identifying the staffing levels and communications chains to be utilized.

4.0 FACILITIES INVOLVED IN RECOVERY

4.1 Describe the principle facilities involved in the Recovery operation.

- a. As a minimum, cover normal plant facilities (Control Room(s), shops, etc.), emergency response facilities (TSC, EOF, etc.), and special Recovery facilities (decontamination, water treatment, waste storage, etc.) involved in Recovery operation.

4.2 Relate the staffing levels discussed in Section 3.0 above to the facilities discussed in this section.

5.0 RECOVERY SCHEDULE AND COST ESTIMATES

Develop schedules and cost estimates for Recovery. Note that schedules and cost estimates will be under constant change and this section will constantly be under revision.

6.0 RECOVERY ACTIONS

Identify the specific actions necessary to accomplish Recovery. Recovery actions may be documented using Attachment 3. Recovery Actions may include, but are not limited to, the following:

6.1 Control of operations

6.2 Repair or replacement of damaged equipment

6.3 Decontamination

6.4 Development of procedures

- Operations
- Test and Inspection
- Maintenance
- Decontamination
- Radwaste
- Startup

6.5 Procurement of general and/or specialized materials and equipment

6.6 Processing and/or storage of contaminated material and wastes

6.7 Preparation of licensing documents including NRC approvals

6.8 Meetings

6.9 Interface with media, federal, state and local agencies/organizations

6.10 Control of normal maintenance

6.11 Testing

- NMPNS ordered or requested
- Externally ordered or requested
- Surveillance Testing
- Technical Specification requirements

6.12 ALARA Program

6.13 Reports and record management

6.14 Radiological controls

- Surveys (Plant, Site and/or Environs)
- RWPs
- Dosimetry
- Exposure control
- Bioassay analysis

6.15 Administrative controls

- Contracts and budgets
- Processing of paperwork (reviewing of data, report distribution, etc.)

6.16 Training requirements necessary to support recovery activities

6.17 Security

6.18 Environmental impact studies and effects

- Evaluation against 10CFR140, Subpart E, Extraordinary Nuclear Occurrence Criteria
- Total population dose estimation

6.19 Maintaining emergency preparedness

6.20 QA reviews of entire process

ATTACHMENT 5: RECOVERY ORGANIZATION

