



John T. Conway
Vice President
Nuclear Generation

Phone: 315.349.4213
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June 26, 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 a copy of the following emergency procedure revisions for Niagara Mohawk's Nine Mile Point Nuclear Station:

- EPIP-EPP-06, Revision 04, "Inplant Emergency Surveys"
- EPIP-EPP-07, Revision 05, "Downwind Radiological Monitoring"
- EPIP-EPP-13, Revision 10, "Emergency Response Facilities Activation and Operation"
- EPIP-EPP-16, Revision 09, "Environmental Monitoring"
- EPIP-EPP-23, Revision 10, "Emergency Personnel Action Procedures"
- EPIP-EPP-27, Revision 07, "Emergency Public Information 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
Vice President Nuclear Generation

/kcm

Enclosure

- pc: Mr. H.J. Miller, Regional Administrator, Region I (2 copies)
- Mr. R. P. Correia, Acting Section Chief PD-I, Section 1, NRR (letter only)
- Mr. G.K. Hunegs, Senior Resident Inspector (1 copy)
- Mr. P.S. Tam, Senior Project Manager, NRR (1 copy)
- EP PPF

A045

ATTACHMENT 1: NRC CORRESPONDENCE APPROVAL FORM



Document: Monthly E.P. Procedure Revisions Transmittal to the NRC,

Applicability: Unit 1 Unit 2 Site Due Date: 06/20/01
 References: DER _____ NCTS _____ Other _____
 Prepared: Greg Sreiner _____ Gregory W. Sten _____ 06/15/01
 Print Signature Date

Developmental Review

	Name	Signature
<input checked="" type="checkbox"/> Licensing	<u>Ali Abbasi</u>	<u>see attached</u>
<input type="checkbox"/> Engineering	_____	_____
<input type="checkbox"/> Generation	_____	_____
<input checked="" type="checkbox"/> Other <u>Emergency Preparedness</u>	<u>John Kamiński</u>	<u>J. Kamiński</u>

Technical/Safety Reviews

Technical Review: N/R Tech Spec 6.5.2 (CTS) QATR (ITS) Verification Other _____

Designees: _____

SORC: N/R Meeting No.: _____

SRAB: N/R Meeting No.: _____

Final Review

<input type="checkbox"/> Engineering Manager	_____	_____
<input type="checkbox"/> Generation:	_____	_____
Operations Manager	_____	_____
Tech Support Manager	_____	_____
Maintenance Manager	_____	_____
<input type="checkbox"/> Attorney	_____	_____
<input type="checkbox"/> Licensing Manager	_____	_____
<input type="checkbox"/> Plant Manager	_____	_____
<input checked="" type="checkbox"/> Other <u>Training Manager</u>	<u>Lou Pisano</u>	_____
<input checked="" type="checkbox"/> Proofreader	<u>Jim Jones</u>	_____

Disposition

FSAR Change: N/R LDCR # _____
 NCTS Commitments: N/R NCTS #'s _____
 Post Correspondence N/R Completed per NLAP-RPR-01 on _____ (date)

ATTACHMENT 1: NRC CORRESPONDENCE APPROVAL FORM



Document: Monthly E.P. Procedure Revisions Transmittal to the NRC.

Applicability: Unit 1 Unit 2 Site Due Date: 06/20/01
 References: DER _____ NCTS _____ Other _____
 Prepared: Greg Steiner _____ [Signature] _____ 06/15/01
 Print Signature Date

Developmental Review

- Licensing
- Engineering
- Generation
- Other Emergency Preparedness

Name
Ali Abbasi

John Kamiński

Signature
[Signature]

[Signature]

COMMENT: UPDATE CC LIST PER ATTACHED

Technical/Safety Reviews

Technical Review: N/R Tech Spec 6.5.2 (CTS) QATR (ITS) Verification Other _____

Designees: _____

SORC: N/R Meeting No.: _____
 SRAB: N/R Meeting No.: _____

Final Review

- Engineering Manager
- Generation:
 - Operations Manager
 - Tech Support Manager
 - Maintenance Manager
- Attorney
- Licensing Manager
- Plant Manager
- Other Training Manager
- Proofreader

Lou Pisano
Jim Jones

Disposition

FSAR Change: N/R LDCR # _____
 NCTS Commitments: N/R NCTS #'s _____
 Post Correspondence N/R Completed per NLAP-RPR-01 on _____ (date)

NMP1L 1893

U. S. 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

Subject: *2000 Annual Financial Reports of Niagara Mohawk and the Co-Tenant Companies of Nine Mile Point Unit 2*

Gentlemen:

Pursuant to Section 50.71(b) of the regulations of the Nuclear Regulatory Commission (10CFR§50.71(b)), attached is a copy of the 2000 Annual Financial Report of Niagara Mohawk Power Corporation.

Also attached are copies of the Annual Financial Reports pertaining to the Nine Mile Point Unit 2 Co-Tenant companies: Rochester Gas and Electric Corporation, New York State Electric & Gas Corporation, Central Hudson Gas & Electric Corporation, and Long Island Power Authority.

Very truly yours,

John T. Conway
Vice President Nuclear Generation

JTC/IAA/cld
Attachments

- cc: ~~Mr. H. J. Miller, NRC Regional Administrator, Region I (without attachments)~~
- ~~Mr. R. P. Correia, Acting Section Chief PD-I, Section 1, NRR (without attachments)~~
- ~~Mr. G. K. Hunegs, NRC Senior Resident Inspector (without attachments)~~
- ~~Mr. P. S. Tam, Senior Project Manager, NRR (without attachments)~~
- ~~Records Management (with attachments) (EP-PPF)~~

USE THIS CC LIST.



Phone: 315.349.4213
Fax: 315.349.2605

John T. Conway
Vice President
Nuclear Generation

VALIDATION
COPY

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

6/15/01

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- EPIP-EPP-23, Revision 10, "Emergency Personnel Action Procedures"
- EPIP-EPP-27, Revision 07, "Emergency Public Information Procedure"

6/15/01

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6/15/01

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- Mr. P.S. Tam, Senior Project Manager, NRR (1 copy)
- EP PPF

6/15/01

NINE MILE POINT NUCLEAR STATION
EMERGENCY PLAN IMPLEMENTING PROCEDURE

EPIP-EPP-06

REVISION 04

INPLANT EMERGENCY SURVEYS

TECHNICAL SPECIFICATION REQUIRED

Approved by:
L. E. Pisano



Manager Nuclear Training

16 MAY 01
Date

THIS IS A FULL REVISION

Effective Date: 06/15/2001

PERIODIC REVIEW DUE DATE MAY 2002

LIST OF EFFECTIVE PAGES

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1.0 **PURPOSE**

To define the responsibilities and actions of personnel directing and performing radiological surveys and samples within the station during an emergency.

2.0 **PRIMARY RESPONSIBILITIES**

2.1 **The Radiation Protection Team Coordinator (RPTC):**

2.1.1 Assembles and provides technical and administrative direction to Inplant Survey Teams based on direction from the RAM or designee.

2.1.2 Ensures continuous accountability for personnel actively assigned RP responsibilities on site.

2.2 **Inplant Survey Teams** perform radiological surveys and samples within the station during an emergency.

3.0 **PROCEDURE**

3.1 **Assembly and dispatch of inplant survey teams**

3.1.1 **RPTC Actions**

- a. Receive a briefing and instructions from the RAM
- b. Assemble teams that shall consist of a minimum of one qualified individual.
 1. Assign each team a unique identifying number (example: Inplant 1)
 2. If a team is assigned to the Unit 1 teletector, then that team shall be assigned a number
- c. Provide a job brief to each team utilizing Attachment 2.
- d. Direct teams to gather supplies and equipment and report to RPTC on radio channel 3 (for Unit 1 incidents) or radio channel 4 (for Unit 2 incidents) when ready for dispatch.
- e. Inform the OSC Coordinator, and the TSC radio operator or the RAM when teams are dispatched.

3.1.2 Inplant Survey Team Actions

- a. Obtain briefing and completed Attachment 2 from the RPTC
- b. Obtain the following equipment and supplies
 1. Working copies of EPIP-EPP-06 and S-RPIP-3.0
 2. Copies of required data sheets
 3. Appropriate dosimetry, protective equipment and clothing, radiation monitoring and communications equipment from the Unit 1 storeroom.
- c. Verify the operability of all equipment
- d. When ready for dispatch, contact the TSC radio operator on radio channel 3 (for Unit 1 incidents) or radio channel 4 (for Unit 2 incidents), gaitronics, or telephone.

3.2 Performance of inplant surveys

3.2.1 TSC Radio Operator actions

- a. When contacted by the teams, verify their readiness to perform surveys
- b. Review communications methods in Step 3.1.2.d
- c. Record data from teams on Attachment 1
- d. Provide periodic updates to teams that include:
 - Status of radiological release
 - Emergency classification and subsequent changes
 - Onsite protective actions
- e. Report data to RAM and Damage Control Team Coordinator as appropriate
- f. Instruct teams to return all data sheets to the TSC or EOF on completion of mission

3.2.2 Inplant Survey Team Actions

- a. Perform surveys and samples in accordance with S-RPIP-3.0, except where indicated below
 1. Conduct continuous count rate or dose measurement contact and 1 meter open and closed window readings (for general area radiation data) upon obtaining radiation detection instrumentation.
 2. Airborne radioactivity surveys when airborne activity is suspected or when directed to do so by the RPTC.
 - a. Minimum air sample volume should be at least 45 cubic ft. unless otherwise directed
 - b. Silver Zeolite (AgZ) cartridges shall be used for all samples unless otherwise directed
 - c. Perform field analysis of air sample media or
 1. Wrap the samples in polyethylene or place in plastic bag and clearly identify sample date, time, location, etc.
 2. If sample media contact readings are < 1000 mrad/hr O.W., return to Chemistry Lab or appropriate counting room facility
 3. If sample media contact readings are > 1000 mrad/hr O.W., deliver samples to the high level laboratory hood
- b. Immediately report to the TSC Radio Operator:
 1. Any radiological conditions significantly different than expected, or
 2. Any significant differences between open and closed window readings
- c. Record all data on Attachment 1
- d. Retain all forms and paperwork

4.0 **DEFINITIONS**

None

5.0 **REFERENCES AND COMMITMENTS**

5.1 **Technical Specifications**

U-1 Technical Specifications, Section 6.15, Iodine Monitoring

5.2 **Licensee Documentation**

5.2.1 Nine Mile Point Nuclear Station Site Emergency Plan

5.3 **Standards, Regulations and Codes**

5.3.1 NUREG-0654 FEMA-REP-1: 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 EPMP-EPP-02, Emergency Equipment Inventories and Checklists

5.4.2 EPIP-EPP-15, Emergency Health Physics Procedure

5.4.3 S-RPIP-3.0, Radiological Surveys

6.0 **RECORD REVIEW AND DISPOSITION**

The following records generated by this procedure as a result of an actual emergency declared at the Nine Mile Point Nuclear Station shall be maintained by Records Management for the Permanent Plant File in accordance with NIP-RMG-01, Records Management.

- Attachment 1, "Radiation Survey Data Sheet"
- Attachment 2, "Survey Team Briefing Form"
- Logs
- Radiation Survey Log Sheets

6.0 (Cont)

The following records generated by this procedure during Emergency drills or exercises are not required for retention in the Permanent Plant File:

- Attachment 1, "Radiation Survey Data Sheet"
- Attachment 2, "Survey Team Briefing Form"
- Logs
- Radiation Survey Logs

ATTACHMENT 1: RADIATION SURVEY DATA SHEET

<input type="checkbox"/> Downwind Survey <input type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> Re-entry Survey _____ <input type="checkbox"/> Inplant _____		Survey Meter Model # _____ SR# _____															
		Count Rate Meter Model # _____ SR# _____															
		Air Sampler Model # _____ SR# _____								High Range Survey Meter Model # _____ SR# _____							
Directions for Survey Teams: report readings in shaded blocks from left to right		General Area Radiation Data					Air Sample Data							Survey Team Exposure Data			
Survey Date/Time	Survey Location	O.W. Reading (mrad/hr or cpm)		C.W. Reading (mrem/hr)		Beta Corr. Factor	Sample ID#	Start Time	Stop Time	Duration (min)	Flow Rate (Cfm)	Bkgd (Cpm)	Sample Count Rate (cpm)		Team Members Initials	Exposure Received (mrem)	Cumulative Exposure (mrem)
		Contact	1m	Contact	1m								Particulate Pre-filter	Silver Zeolite Cartridge			

* Cartridge readings > 8500 CPM should be returned to Environmental Lab/EOF on a priority basis (Downwind Teams Only)

Moving/Mobile – Survey Data		
Time	Location	Radiation Levels (mrad/hr O.W. or cpm)

ATTACHMENT 2: SURVEY TEAM WORKSHEET

Date _____ Time of Briefing _____

Briefing conducted by (Print/Initial) _____

Team Members	Team Members	Team Members
<input type="checkbox"/> Downwind <input type="checkbox"/> Inplant <input type="checkbox"/> Re-entry _____ _____ _____	<input type="checkbox"/> Downwind <input type="checkbox"/> Inplant <input type="checkbox"/> Re-entry _____ _____ _____	<input type="checkbox"/> Downwind <input type="checkbox"/> Inplant <input type="checkbox"/> Re-entry _____ _____ _____

Mission

Inplant: _____

Downwind: Mobile Survey and _____

Environmental: _____

Re-entry: _____

Briefing Details (Check when complete)

- RWP details (inplant teams only)
- Anticipated radiation/contamination levels
- Required dosimetry and protective clothing
- Dose guidance and limits
 - Normal station (occupational) limits in effect
 - Emergency dose limits in effect (as directed by TSC RAM)
- Pre-selected and alternate routes
- Where and when to report results
- Wind speed/direction (Downwind/Re-entry only)
(from Control Room Chemistry Tech or EOF Met advisor)
- Status of radiological releases (from RAM or ESSTC)
- Emergency classification
- Implemented protective actions (onsite and/or offsite)
- Communications methods (radio channels, phone numbers)
- Caution: If general area dose rates exceed 8000 mrad/hr O.W., retreat to an area of less exposure and contact ESSTC (for downwind teams) or RPTC (for Inplant teams)
- Caution: If unshielded, uncorrected contact dose rates on any sample or object exceed 2000 mrad/hr O.W., do NOT handle sample directly.

NINE MILE POINT NUCLEAR STATION
EMERGENCY PLAN IMPLEMENTING PROCEDURE

EPIP-EPP-07

REVISION 05

DOWNWIND RADIOLOGICAL MONITORING

TECHNICAL SPECIFICATION REQUIRED

Approved by:
L. E. Pisano



Manager - Nuclear Training

16 MAY 01
Date 

THIS IS A FULL REVISION

Effective Date: 06/15/2001

PERIODIC REVIEW DUE DATE MAY 2002

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1.0 PURPOSE

To define the responsibilities and actions of personnel directing and performing radiological surveys and sampling outside the station during an emergency.

2.0 PRIMARY RESPONSIBILITIES

2.1 The Environmental Sample/Survey Coordinator (ESSTC):

2.1.1 Assembles and provides technical and administrative direction from the EOF to Downwind Survey teams.

2.1.2 Ensure continuous accountability for personnel actively assigned RP responsibilities.

2.2 The Radiation Protection Team Coordinator (RPTC):

2.2.1 Assembles and provides technical and administrative direction from the OSC to the Downwind Survey Teams prior to EOF activation.

2.2.2 Ensure continuous accountability for personnel actively assigned RP responsibilities.

2.3 Downwind Survey Teams perform sampling and radiological surveys outside the station during an emergency.

2.4 The Offsite Dose Assessment Manager (ODAM) provides overall coordination of the offsite dose assessment effort, including direction to the ESSTC.

3.0 PROCEDURE

3.1 Assembly and Dispatch of Downwind Survey Teams

3.1.1 RPTC Actions

- a. Receive a briefing and instructions from the ESSTC or the RAM, depending on which facility becomes operational first.
- b. Assemble teams that shall consist of a minimum of two qualified individuals.
- c. Assign teams and designate as follows:
 1. Team A: locate plume maximum dose rates based on wind direction.

3.1.1.c. (Cont)

2. Team B: assess radiological conditions onsite and outside the protected area including for example:
 - Security buildings
 - Warehouse
 - P building
 - Engineering Support Building
 - Nuclear Learning Center
 - Energy Center
 - Parking lots
 3. Team C: assess radiological conditions inside and outside the protected area.
- d. Provide a job brief to each team utilizing Attachment 2.
1. Provide each team with a copy of the completed Attachment 2.
- e. Direct teams to gather supplies and equipment and report to RPTC on radio channel 3 (for Unit 1 incidents) or radio channel 4 (for Unit 2 incidents) when ready for dispatch.
- f. Fax completed Attachment 2s to the ESSTC at 593-5992.

3.1.2 Downwind Survey Team Actions

- a. Obtain briefing and completed Attachment 2 from the RPTC.
- b. Obtain the following equipment and supplies:
 1. Working copies of EPIP-EPP-07 and S-RPIP-3.0.
 2. Copies of required data sheets.
 3. The following documents:
 - Drivers license
 - Company ID or Oswego County Emergency Identification Card ("Green Card")
 4. Appropriate dosimetry, protective equipment and clothing, radiation monitoring and communications equipment from the Unit 1 storeroom or the EOF.

3.1.2.b. (Cont)

5. A company or private vehicle. Keys to all Company vehicles are contained in the OSC key box. Company vehicles best suited for downwind survey tasks are listed below:

- #5-484* (Emergency Preparedness)
- #5-487* (Environmental Protection)
- #3-1113* (Environmental Protection)
- #2-1883* (Emergency Preparedness)

* Equipped with AC power inverter

- c. Verify the operability of all equipment.
- d. When ready for dispatch, contact the RPTC on radio channel 3 (for Unit 1 incidents) or radio channel 4 (for Unit 2 incidents).
1. Inform the RPTC that the team will be turning over to the EOF.
 2. Establish communication with the EOF using one of the following means:
 - Primary: Radio channel 13 (Downwind Teams)
 - Alternate: Radio channel 14 (NMP Admin)
 - Alternate: Telephone (ESTC at 593-5988 or RPTC at 349-1272)
 - If unable to contact the EOF, re-establish communications with the RPTC using step 3.1.2.d.

3.2 Performance of Downwind Surveys

3.2.1 ESSTC actions

- a. Obtain completed Attachment 2s from the EOF Dose Assessment fax.
- b. When contacted by the teams, verify their readiness to perform surveys.
- c. Utilize Attachment 6 to provide specific team tasks.
- d. Review survey team assignments in step 3.1.1.c.
- e. Review communications methods in step 3.1.2.d.
- f. Instruct EOF Radio Operator to record data from teams using Attachment 1.

3.2.1 (Cont)

- g. Provide periodic updates to teams that include:
 - Status of radiological release.
 - Emergency classification and subsequent changes
 - Changes in meteorological conditions
 - Onsite and offsite protective actions
- h. Instruct teams to obtain air sample measurements of baseline activity and in areas of elevated activity
- i. Complete Attachment 5 for significant field data.
- j. Provide results to the ODAM as appropriate.
- k. Periodically fax completed Attachment 1 and Attachment 5 to the County and State Emergency Operations Centers. These numbers may be obtained from the County and State representatives in the EOF.
- ℓ. Instruct teams to return all data sheets to the EOF or OSC upon completion of mission.

3.2.2 Downwind Survey Team Actions

- a. Take the following measurements/samples:
 - Contact and 1 meter open and closed window readings (for general area radiation data).
 - Air samples when directed to do so by the ESSTC.
- b. Perform surveys and samples in accordance with S-RPIP-3.0, except where indicated below:
 - 1. Conduct continuous count rate or dose measurements while mobile.
 - 2. Obtain air sample measurements when directed to do so by the ESSTC.
 - a. Minimum air sample volume should be at least 45 cubic feet unless otherwise directed.
 - b. Silver Zeolite (AgZ) cartridges shall be used for all samples unless otherwise directed.
 - c. AgZ cartridges that read >8500 cpm should be returned to the Environmental Lab at the EOF for gamma spectral analysis as this may indicate CDE_Tdoses >5 rem.

3.2.2.b. (Cont)

3. Obtain dose or count rate measurements at each survey location as follows:
 - a. Obtain ground level contact readings by scanning along a line about 20 feet long at right angles to the wind direction. Report and record peak readings only.
 - b. Obtain one meter (waist level) readings along the same line that the contact reading were taken. Report and record peak readings only.
 - c. Record all data on Attachment 1.
 - d. Retain all data.
- c. Report all data to the EOF.
- d. The ESSTC should ensure Survey Team Worksheets (Attachment 2), or equivalent form are completed and forward to the ODAM.

4.0 DEFINITIONS

None

5.0 REFERENCES AND COMMITMENTS

5.1 Technical Specifications

Unit 1 Tech Specs, Section 6.15

5.2 Licensee Documentation

5.2.1 Nine Mile Point Nuclear Station Site Emergency Plan

5.3 Standards, Regulations and Codes

5.3.1 NUREG-0654 FEMA-REP-1: 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 EPMP-EPP-02, Emergency Equipment Inventories and Checklists
- 5.4.2 EPIP-EPP-15, Emergency Health Physics Procedure
- 5.4.3 S-RPIP-3.0, Radiological Surveys

5.5 Commitments

None

6.0 RECORD REVIEW AND DISPOSITION

The following records generated by this procedure as a result of an actual emergency declared at Nine Mile Point Nuclear Station shall be maintained by Records Management for the Permanent Plant File in accordance with NIP-RMG-01:

- Attachment 1, Radiological Survey Data Sheet
- Attachment 2, Survey Team Briefing Forms
- Attachment 5, Survey Team Worksheet
- Logs
- Radiation Survey Log Sheets

The following records generated by this procedure during emergency drills or exercises are not required for retention in the Permanent Plant File:

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- Attachment 2, Survey Team Briefing Forms
- Attachment 5, Survey Team Worksheet
- Logs
- Radiation Survey Log Sheets

LAST PAGE

ATTACHMENT 1: RADI ICAL SURVEY DATA SHEET

<input type="checkbox"/> Downwind Survey <input type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> Re-entry Survey _____ <input type="checkbox"/> Inplant _____	Survey Meter Model # _____ SR # _____ Count Rate Meter Model # _____ SR # _____ Air Sampler Model # _____ SR # _____	High Range Survey Meter Model # _____ SR # _____
--	---	--

Directions for Survey Teams: report readings in shaded blocks from left to right		General Area Radiation Data					Air Sample Data								Survey Team Exposure Data		
Survey Date/Time	Survey Location	O.W. Reading (mrad/hr or cpm)		C.W. Reading (mrem/hr)		Beta Corr. Factor	Sample ID #	Start Time	Stop Time	Duration (min)	Flow Rate (Cfm)	Bkgd (Cpm)	Sample Count Rate (cpm)		Team Members Initials	Exposure Received (mrem)	Cumulative Exposure (mrem)
		Contact	1m	Contact	1m								Particulate Prefilter	Silver Zeolite Cartridge*			

* Cartridge readings > 8500 CPM should be returned to Environmental Lab/EOF on a priority basis (downwind teams only)

Moving/Mobile Survey Data		
Time	Location	Radiation Levels (mrad/hr O.W. or CPM)

ATTACHMENT 2: SURVEY TEAM BRIEFING FORM

Date _____ Time of Briefing _____

Briefing conducted by: (Print/initial) _____

Team Members	Team Members	Team Members
<input type="checkbox"/> Downwind__ <input type="checkbox"/> Inplant__ <input type="checkbox"/> Re-entry__	<input type="checkbox"/> Downwind__ <input type="checkbox"/> Inplant__ <input type="checkbox"/> Re-entry__	<input type="checkbox"/> Downwind__ <input type="checkbox"/> Inplant__ <input type="checkbox"/> Re-entry__

Mission:

- Inplant: _____
- Downwind: Mobile Survey and _____
- Environmental: _____
- Re-entry: _____

Briefing Details (Check when complete)

- RWP (inplant teams only)
- Anticipated radiation/contamination levels
- Required dosimetry and protective clothing
- Dose guidance and limits
 - normal station (occupational) limits in effect
 - emergency dose limits in effect (as directed by TSC RAM)
- Pre-selected and alternate routes
- Where to report results
- Wind speed/direction (Downwind/Re-entry only) (from Control Room Chemistry Tech or EOF Met Advisor)
- Status of radiological releases (from RAM or ESSTC)
- Emergency classification
- Implemented protective actions (onsite and/or offsite)
- Communications methods (radio channel, phone numbers)
- Caution: If general area dose rates exceed 8000 mrad/hr. O.W., retreat to an area of lesser exposure and contact ESSTC (for downwind teams) or RPTC (for inplant terms)
- Caution: If unshielded, uncorrected contact dose rates on any sample or object exceed 2000 mrad/hr. O.W., do NOT handle sample directly.

ATTACHMENT 3: TABLE OF ON-SITE AND OFF-SITE SURVEY/SAMPLE LOCATIONS

Sheet 1 of 2

Sector	Sample ID #	Location Description	Miles from Site ⁽¹⁾	Azimuth	ERPA(s)
C	C-1 (Off-site)	1.3 Miles North on Ontario Point Road by Environmental Station R-5	16.2	40°	⁽²⁾⁽³⁾
D	D-1 (On-site)	30' South of NMP-II	0.4	72°	1
D	D-2 (On-site)	Dirt access road along the lake on JAFNPP Site by Environmental Station H	1.0	73°	1
D	D-3 (Off-site)	In hamlet of Selkirk on County Route 5	11.3	71°	14
D	D-4 (Off-site)	0.65 miles north of the entrance to Selkirk Shores State Park on NY Route 3	11.3	77°	14
D	D-5 (Off-site)	Corner Rainbow Shores Road and NY Route 3	13.5	65°	⁽³⁾
E	E-1 (On-site)	In front of NMP Unit 2 combined construction offices	0.3	89°	1
	E-2 (On-site)	Along dirt access road by Environmental Station H on JAFNPP Site	0.9	93°	1
E	E-3 (Off-site)	Corner of Lake Road and Nine Mile Point Road	1.9	97°	1,2
E	E-4 (Off-site)	Shore Oaks-at the end of Shore Oaks Drive	2.7	94°	2,4
E	E-5 (Off-site)	Hickory Grove-at the end of Hickory Grove Drive	4.6	96°	4
E	E-6 (Off-site)	Intersection of NY Route 104B, County Route 1, and County Route 43	6.6	101°	7
E	E-7 (Off-site)	Texas-intersection of NY 104B and County Route 16	7.8	95°	15
E	E-8 (Off-site)	Corner of Hager Drive and NY Route 3	10.2	86°	14
F	F-1 (On-site)	Along Lake Road about 0.3 miles of JAFNPP access road	1.2	107°	1
F	F-2 (On-site)	Intersection of County Route 29 and Lake Road	1.1	105°	1
F	F-3 (Off-site)	Nine Mile Point Road halfway between Lake Road and Miner Road intersection.	2.1	114°	2
F	F-4 (Off-site)	Intersection of Pleasant Point Drive (County Route 44) and County Route 1	3.9	110°	4
F	F-5 (Off-site)	Intersection of NY Route 104 and County Route 6	5.5	121°	4,7,8,9
F	F-6 (Off-site)	Intersection of NY Route 104 and County Route 43 at Toll Gate	7.4	116°	7,8
F	F-7 (Off-site)	Intersection of County Route 64 and NY Route 104 in the Village of Mexico	9.3	117°	16
G	G-1 (On-site)	Nuclear Learning Center	0.2	129°	1
G	G-2 (On-site)	Along NMP Unit 2 material access road approximately 50' from Lake Road intersection	0.5	142°	1
G	G-3 (On-site)	250' south of JAFNPP Access Road on Lake Road in ball field	0.7	131°	1
G	G-4 (Off-site)	Intersection of Miner Road and County Route 29	1.9	142°	1,2
G	G-5 (Off-site)	Intersection of Nine Mile Point Road and County Route 1	2.8	134°	2,4,5
G	G-6 (Off-site)	Intersection of NY Route 104 and NY 104B	4.8	126°	4,9
G	G-7 (Off-site)	Intersection of Lilly Marsh Road and Darrow Road	6.1	135°	9
G	G-8 (Off-site)	Cummings Bridge, intersection of County Routes 6, 51 and 64	7.3	136°	8,9
G	G-9 (Off-site)	Hamlet of Vermillion on County Route 35	9.6	137°	8,18

⁽¹⁾ Center of the site is taken as the NMPNS Unit II Reactor Building.

⁽²⁾ Environmental Station/Control Point, does NOT appear on "Off-Site Survey Location Map # 4".

⁽³⁾ Not in an ERPA, outside EPZ

Sector	Sample ID #	Location Description	Miles from Site ⁽¹⁾	Azimuth	ERPA(s)
H	H-1 (On-site)	South side of Lake Road about 0.15 miles west of NMP Unit 2 materials access road	0.5	155°	1
H	H-2 (On-site)	Nine Mile pole #3, 1/2 way between the two transmission lines on Miner Road	1.6	157°	1,2,3
H	H-3 (Off-site)	North Scriba, intersection of County Routes 1 and 29	2.5	152°	2,5
H	H-4 (Off-site)	Hammonds Corners, intersection of NY Route 104 and County Route 29	3.5	159°	5,10
H	H-5 (Off-site)	South New Haven, intersection of County Routes 51 and 51A	5.2	149°	9
H	H-6 (Off-site)	0.1 mile east of O'Connor Road County Route 4 by Environmental Station E	7.1	159°	18
J	H-7 (Off-site)	Intersection of County Route 6 and McDougall Road	9.2	156°	18
J	J-1 (On-site)	Along the Private Road, south of NMP II Cooling Tower	0.4	174°	1
J	J-2 (On-site)	NMP Pole #1 intersection of Miner Road and NMP Transmission Road	1.5	177°	1,3
J	J-3 (Off-site)	Intersection of North Road, and NMP transmission lines east of Lakeview Road	2.2	178°	3,5
J	J-4 (Off-site)	Intersection of NY Route 104 and County Route 51A	3.8	176°	5,10
J	J-5 (Off-site)	Intersection of O'Connor Road and Hay Fly Road	5.5	176°	10
J	J-6 (Off-site)	Intersection of Route 176 and Black Creek Road	7.9	177°	20
K	J-7 (Off-site)	Intersection of State Highway 176 and Howard Road	11.1	176°	⁽³⁾
K	K-1 (On-site)	Intersection of the Private Road and Energy Center Road	0.8	211°	1
K	K-2 (On-site)	Intersection of Miner Road and Lakeview Road	1.6	189°	1,3
K	K-3 (Off-site)	Intersection of County Route 1 (North Road) and Creamery Road	2.6	205°	3,5,6
K	K-4 (Off-site)	Scriba, intersection of NY Route 104, Creamery Road and Klocks Corners Road	3.9	194°	5,6,10, 11
K	K-5 (Off-site)	Lansing, intersection of County Routes 4 and 53	5.7	201°	11,19
K	K-6 (Off-site)	At intersection of County Route 53 and Dutch Ridge Road	7.6	193°	19
L	K-7 (Off-site)	Minetto, intersection of County Routes 48 & 25	9.0	201°	21
L	L-1 (On-site)	Energy Center access road, approx. 0.1 mile from the Private Road	0.5	224°	1
L	L-2 (On-site)	Intersection of Lakeview, Private Road & County Route 1A	1.4	219°	1,3
L	L-3 (Off-site)	Walker, intersection of County Routes 1 and 1A	3.1	221°	3,6
L	L-4 (Off-site)	100' N. of Seneca Street on St. Paul's Cemetery Road by Environmental Station G	5.2	226°	12
L	L-5 (Off-site)	Oswego, intersection of NY Route 104 and NY 481	6.6	229°	12
L	L-6 (Off-site)	SUNY Oswego, intersection of Route 104 and College Access Road	8.1	232°	22
M	L-7 (Off-site)	Oswego Center, intersection of County Routes 7 & 20	9.6	220°	22
M	M-1 (On-site)	Energy Center Access Road approx., 60' from building	0.5	246°	1
M	M-2 (On-site)	Meteorological Tower	0.8	250°	1
N	N-1 (On-site)	Energy Center	0.4	265°	1

⁽³⁾ Not in an ERPA, outside EPZ

ATTACHMENT 4: EMERGENCY TELEPHONE NUMBERS

TSC

Radiological Assessment Manager 349-1353
343-6408

OSC

Radiological Protection Team Coordinator 349-1272

EOF

Environmental Survey/Sample Team Coordinator 593-5988
593-5987
Fax 593-5992

Emergency Vehicle Cell Phone Numbers

5-484 593-4646
5-487 593-4645
3-1113 593-4651
2-1883 593-9606

ATTACHMENT 5

SURVEY TEAM WORKSHEET

FROM: Survey Team ID _____ Reviewed by: _____

1. Survey Date/Time _____ / _____

2. Location # _____

3. General Area Radiation Data:

	<u>Contact</u>	<u>1m or G/A</u>	
a. Open Window	_____	_____	mrad/hr OW - cpm (circle one)
b. Closed Window	_____	_____	mrem/hr - cpm (circle one)
c. B Correction Factor	_____		

4. Air Sample Data:

a. Duration _____ (min)

b. Flow Rate _____ (ft³/min)

c. Air sample volume (ft³) = Duration x Flow rate
 (Workspace) _____ x _____ = _____ ft³

d. Background at sample media counting location _____ cpm

e. Particulate prefilter reading _____ cpm mrad/hr OW

f. Silver Zeolite Cartridge reading _____ cpm mrad/hr OW

5. Calculations:

a. Particulate Activity (μCi/cc) $\frac{(1.6 \text{ E } -10) \times \text{Particulate Prefilter Reading (cpm)}}{\text{air sample volume (ft}^3\text{)}}$
 (Workspace) $\frac{(1.6 \text{ E } -10) \times (\text{_____ cpm})}{\text{_____ ft}^3} = \text{_____ } \mu\text{Ci/cc}$

b. Iodine Activity (μCi/cc) $\frac{(3.4 \text{ E } -9) \times \text{Silver Zeolite Cartridge Reading (cpm)}}{\text{air sample volume (ft}^3\text{)}}$
 (Workspace) $\frac{(3.4 \text{ E } -9) \times (\text{_____ cpm})}{\text{_____ ft}^3} = \text{_____ } \mu\text{Ci/cc}$

c. Noble Gas Activity (μCi/cc) = 1 meter or G/A open window (mrad/hr OW) x (1.4 E -6)
 (Workspace) _____ mrad/hr OW x (1.4 E -6) = _____ μCi/cc

d. I/NG Ratio $\frac{\text{Iodine Activity}}{\text{Noble Gas Activity}}$
 (Workspace) _____ = _____

ATTACHMENT 6: ESSTC DOWNWIND SURVEY TEAM GUIDANCE

Objective	Actions	Observables
Locate Plume	<ul style="list-style-type: none"> Instruct team to traverse plume at right angles to the wind. This should be done 1-3 miles downwind to start. (Note: A team should traverse the plume ≤ two or three times unless meteorological or source term conditions change). 	<ul style="list-style-type: none"> Note where 1m dose rates elevate above background OR elevated readings return to background. Peak 1m dose rate readings indicate maximum concentration or high ground deposition.
Characterize Plume	<ul style="list-style-type: none"> Instruct team to take 1m and contact GA dose rates. 	<ul style="list-style-type: none"> Contact readings greater than 1m readings indicate ground deposition (Note: in this case 1m readings may be biased by ground shine). Contact readings equal to 1m readings indicate no deposition. Ground deposition indicates iodines and/or particulates are present.
	<ul style="list-style-type: none"> If no ground deposition is present, take 1m OW dose rate reading to calculate release rate 	<ul style="list-style-type: none"> N/A
	<ul style="list-style-type: none"> Instruct teams to take air samples 	<ul style="list-style-type: none"> Elevated particulate prefilter readings indicate iodines or particulates are present. Elevated silver zeolite cartridge readings indicate iodines are present.
<ul style="list-style-type: none"> Verify appropriateness of protective actions (or lack of protective actions) 	<ul style="list-style-type: none"> Survey inhabited locations 	<ul style="list-style-type: none"> Verify absence of radiological hazard Verify radiological conditions are as expected

NINE MILE POINT NUCLEAR STATION
EMERGENCY PLAN IMPLEMENTING PROCEDURE

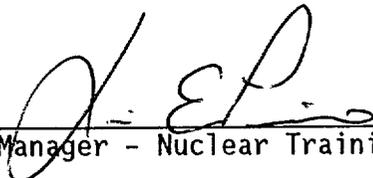
EPIP-EPP-13

REVISION 10

EMERGENCY RESPONSE FACILITIES ACTIVATION AND OPERATION

TECHNICAL SPECIFICATION REQUIRED

Approved by:
L. E. Pisano



Manager - Nuclear Training

5/31/01
Date

Effective Date: 06/13/2001

PERIODIC REVIEW DUE DATE NOVEMBER 2001

LIST OF EFFECTIVE PAGES

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1.0 PURPOSE

To describe the activation and operation of the Emergency Response Facilities (ERFs).

NOTE: This procedure does not address the Joint News Center (JNC). The JNC is discussed in ~~EPIP-EPP-27~~ and other procedures. Specific responsibilities of ERO members are provided in EPIP-EPP-23, Emergency Personnel Action Procedure.

2.0 PRIMARY RESPONSIBILITIES

- 2.1 The Director Emergency Preparedness is responsible for maintaining the ERF's in a state of readiness to become operational if the need arises.
- 2.2 The Emergency Director/Recovery Manager determines whether the EOF is operational.
- 2.3 The EOF Administrator is primarily responsible for the activation of the EOF.
- 2.4 The Technical Data Coordinator is primarily responsible for activation of the TSC.
- 2.5 The Operations Support Center Coordinator is primarily responsible for the activation of the OSC.
- 2.6 The TSC Manager determines whether the TSC is operational.
- 2.7 The Radiological Assessment Manager ensures habitability checks are completed.

3.0 PROCEDURE

3.1 Declaring a Facility Operational

- a. ~~During normal/working hours, the TSC and OSC should be staffed within 30 minutes, and the EOF and JNC should be staffed within 60 minutes. During off-hours, the augmented ERO will staff all emergency facilities within 60 minutes.~~

- NOTES:**
1. The time of the latest notification method is used for Step 3.1. This is normally the pager or telephone notification time.
 2. It is NOT necessary for the facility to "assume control" to declare the facility operational.

3.1 (Cont)

- b. The facility should be declared operational when:
 1. Sufficient personnel are available to perform necessary functions as appropriate for the situation. This should include the staffing included in each facilities activation checklist.
 2. Equipment necessary to perform functions as appropriate for the situation is available.
 3. The facility has been initially determined to be habitable. (OSC and TSC only)

3.2 Activating the Technical Support Center (TSC)

NOTE: The TSC is activated during an Alert, Site Area Emergency or General Emergency, or when directed by the SSS/ED or ED/RM.

3.2.1 The **Technical Data Coordinator** or designee shall activate the TSC in accordance with Attachment 4 and inform the TSC Manager when the checklist is complete.

3.2.2 The **Radiological Assessment Manager (RAM)** shall ensure TSC habitability surveys are completed using Attachment 2 as a guide.

a. IF the TSC is reported as uninhabitable, coordinate actions with the TSCM to direct all TSC personnel to report to the Control Room to continue TSC activities, using EPIP-EPP-23.

3.3 Activating the Operations Support Center (OSC)

NOTE: The OSC is activated during an Alert, Site Area Emergency or General Emergency, or when directed by the SSS/ED or ED/RM.

3.3.1 The **OSC Coordinator** or designee shall activate the OSC in accordance with Attachment 6 and inform the TSC Manager when the checklist is complete.

a. IF the OSC is reported as uninhabitable, coordinate with the TSCM to direct all OSC personnel to report to the Control Room to continue OSC activities, using EPIP-EPP-23.

3.3.2 The **OSC RP Team Coordinator** shall ensure OSC habitability surveys are completed using Attachment 2 as a guide.

3.4 Activating the Emergency Operations Facility (EOF)

NOTE: The EOF is activated during an Alert, Site Area Emergency, General Emergency, or when directed by the SSS/ED or ED/RM.

The **EOF Administrator** or designee shall activate the EOF in accordance with Attachment 7 and inform the ED/RM when the checklist is complete.

4.0 DEFINITIONS

4.1 Emergency Response Facility (ERF)

Includes all facilities designated for activation during a declared emergency and includes:

- Applicable Unit Control Room
- Technical Support Center (TSC)
- Operations Support Center (OSC)
- Emergency Operations Facility (EOF)

4.2 Operational

Indicates the ERF is capable of performing its intended function.

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 10CFR50, Appendix E, Emergency Planning and Preparedness for Production and Utilization Facilities (Section IV.E.9)
- 5.3.2 NUREG-0654, Rev 1, Criteria for Preparation and Evaluation of Radiological Emergency Response Plans and Preparedness in Support of Nuclear Power Plants
- 5.3.3 NUREG-0737, Suppl. 1, Requirements for Emergency Response Capability (Generic Letter No. 82-33), December 17, 1982
- 5.3.4 NUREG-0696, Functional Criteria for Emergency Response Facilities, February 1981

5.4 Policies, Programs, and Procedures

- 5.4.1 EPIP-EPP-23, Emergency Personnel Action Procedure
- 5.4.2 NDD-EPP, Emergency Preparedness

5.5 Commitments

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

- Attachment 1A, Unit 1 SPDS Computer Operations (TSC)
- Attachment 1B, Unit 2 SPDS Computer Operations (TSC)
- Attachment 1C, Unit 1 SPDS Computer Operations (EOF)
- Attachment 1D, Unit 2 SPDS Computer Operations (EOF)
- Attachment 2, ERF Habitability Criteria and Survey Guidelines
- Attachment 3, Determination of TSC Habitability Following a DBA
- Attachment 4, TSC Activation Checklist
- Attachment 5, TSC Emergency Ventilation System Activation/Deactivation
- Attachment 6, OSC Activation Checklist
- Attachment 7, EOF Activation Checklist
- Attachment 8, Portable Iodine Noble Gas Monitoring (PING) Operation
- Attachment 9, Emergency Ventilation System Operating Log
- Attachment 10, Nuclear Learning Center Emergency Checklist
- Attachment 11, Access and use of the GEMS and RAGEMS Computers
- Attachment 12, Projecting SPDS Displays in the EOF

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.

- Attachment 1A, Unit 1 SPDS Computer Operations (TSC)
- Attachment 1B, Unit 2 SPDS Computer Operations (TSC)
- Attachment 1C, Unit 1 SPDS Computer Operations (EOF)
- Attachment 1D, Unit 2 SPDS Computer Operations (EOF)
- Attachment 2, ERF Habitability Criteria and Survey Guidelines
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- Attachment 4, TSC Activation Checklist
- Attachment 5, TSC Emergency Ventilation System Activation/Deactivation
- Attachment 6, OSC Activation Checklist
- Attachment 7, EOF Activation Checklist
- Attachment 8, Portable Iodine Noble Gas Monitoring (PING) Operation
- Attachment 10, Nuclear Learning Center Emergency Checklist
- Attachment 11, Access and use of the GEMS and RAGEMS Computers
- Attachment 12, Projecting SPDS Displays in the EOF

LAST PAGE

ATTACHMENT 1A: UNIT 1 SPDS COMPUTER OPERATIONS (TSC)

NAME:	DATE:
-------	-------

Responsibility:

The **Technical Support Staff** is responsible for obtaining needed technical information from the SPDS computer terminal located in the Technical Assessment Area of the TSC.

Activation and use of the SPDS Computer:

	<u>Complete</u>	<u>N/A</u>
1. Verify or turn on monitor	<input type="checkbox"/>	<input type="checkbox"/>
2. Verify or adjust screen brightness as appropriate for visual clarity	<input type="checkbox"/>	<input type="checkbox"/>
3. Select Plant Status Board screen and verify plant information is available by performing the following:		
● Press VID DISP key		
● Type number 11		
● Press VID DISP key		
● Verify "Plant Status Board/Unit 1" is displayed (looks like Part III Notification Fact Sheet)	<input type="checkbox"/>	<input type="checkbox"/>
4. Use other screens as necessary to ensure necessary plant information is available in the TSC.	<input type="checkbox"/>	<input type="checkbox"/>
5. Upon completion /termination of TSC activities, reduce brightness of display to darken screen to prevent screen damage.	<input type="checkbox"/>	<input type="checkbox"/>

ATTACHMENT 1B: UNIT 2 SPDS COMPUTER OPERATIONS (TSC)

NAME:	DATE:
-------	-------

Responsibility:

The **Technical Support Staff** is responsible for obtaining needed technical information from the SPDS computer terminal located in the Technical Assessment Area of the TSC.

A. Activation and use of the SPDS Computer during real events:

To obtain information needed for completion of the "Plant Status Board" displayed in the TSC Core Area:

- | | <u>Complete</u> | <u>N/A</u> |
|--|--------------------------|--------------------------|
| 1. Ensure video screen is turned on and is displaying a cursor (small blinking lighted square). Adjust brightness control and contrast as necessary. | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Press ERF Menu Blue push-button, observe ERF menu displayed. | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Type the number 178 (indicating the page you wish displayed) or 179, next to next to "Page" at the top of the screen. (Needed for the "Plant Status Board") | <input type="checkbox"/> | <input type="checkbox"/> |
| 4. Press the following push-button: SHIFT RIGHT then XMIT CURSOR. | <input type="checkbox"/> | <input type="checkbox"/> |
| 5. Data for "Plant Status Board" should be displayed. | <input type="checkbox"/> | <input type="checkbox"/> |

B. Activation and use of the SPDS Computer during drills/exercises

(simulated data): To obtain information needed for completion of the "Plant Status Board" displayed in the TSC Core:

- | | | |
|--|--------------------------|--------------------------|
| 1. Ensure video screen is turned on and is displaying a cursor (small blinking lighted square). Adjust brightness control and contrast as necessary. | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Press ERF Menu Blue push-button, observe ERF menu displayed. | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Type 1 next to "Page" at top of screen. | <input type="checkbox"/> | <input type="checkbox"/> |
| 4. Press RSTR DSPLY white push-button (near enable key on right side of keyboard) | <input type="checkbox"/> | <input type="checkbox"/> |
| 5. Press PAGE BACK 2 or 3 times for "Plant Status Board" display. | <input type="checkbox"/> | <input type="checkbox"/> |
| 6. Data for "Plant Status Board" should be displayed. | <input type="checkbox"/> | <input type="checkbox"/> |

ATTACHMENT 1C: UNIT 1 SPDS COMPUTER OPERATIONS (EOF)

NAME:	DATE:
-------	-------

Responsibility:

The **Technical Support Staff** is responsible for obtaining needed technical information from the SPDS computer terminal located in the Technical Assessment Area of the EOF.

Activation and use of the SPDS Computer:

	<u>Complete</u>	<u>N/A</u>
1. Verify or turn on monitor.	<input type="checkbox"/>	<input type="checkbox"/>
2. Verify or adjust screen brightness as appropriate for visual clarity.	<input type="checkbox"/>	<input type="checkbox"/>
3. Establish a computer link by calling the control room (2478 or 2479)	<input type="checkbox"/>	<input type="checkbox"/>
4. Request the CSO activate the EOF displays (by pressing the "EOF" key at the control room SPDS terminal)	<input type="checkbox"/>	<input type="checkbox"/>
5. Inform the CSO that the control room will lose one SPDS display	<input type="checkbox"/>	<input type="checkbox"/>
6. Select Plant Status Board screen and verify plant information is available by performing the following: <ul style="list-style-type: none"> ● Press VID DISP key ● Type number 11 ● Press VID DISP key ● Verify "Plant Status Board/Unit 1" is displayed (looks like Part III Notification Fact Sheet) 	<input type="checkbox"/>	<input type="checkbox"/>
7. Use other screens as necessary to ensure necessary plant information is available in the EOF.	<input type="checkbox"/>	<input type="checkbox"/>
8. Upon completion /termination of EOF activities, reduce brightness of display to darken screen to prevent screen damage.	<input type="checkbox"/>	<input type="checkbox"/>
9. Request CSO deactivate the EOF SPDS displays	<input type="checkbox"/>	<input type="checkbox"/>

ATTACHMENT ID: UNIT 2 SPDS COMPUTER OPERATIONS (EOF)

NAME:	DATE:
-------	-------

Responsibility:

The **Technical Support Staff** is responsible for obtaining technical information from the SPDS computer terminal located in the Technical Assessment Area of the EOF.

A. Activation and use of the SPDS Computer during real events:

To obtain information needed for completion of the "Plant Status Board":

- | | <u>Complete</u> | <u>N/A</u> |
|--|--------------------------|--------------------------|
| 1. Ensure video screen is turned on and is displaying a cursor (small blinking lighted square). Adjust brightness control and contrast as necessary. | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Establish a computer link by calling the Control Room (2168 or 2169) | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Requesting the CSO activate the SPDS displays for the EOF. | <input type="checkbox"/> | <input type="checkbox"/> |
| 4. Press ERF Menu Blue push-button, observe ERF menu displayed. | <input type="checkbox"/> | <input type="checkbox"/> |

NOTE: If the cursor is purple (not white) with a blank screen, then depress "SHIFT" and "CLEAR" (red keys) push-buttons simultaneously.

- | | | |
|---|--------------------------|--------------------------|
| 5. Type the number 178 (page you wish displayed) or 179, next to "Page" at the top of the screen. (Needed for the "Plant Status Board") | <input type="checkbox"/> | <input type="checkbox"/> |
| 6. Press the following push-button: SHIFT RIGHT then XMIT CURSOR. | <input type="checkbox"/> | <input type="checkbox"/> |
| 7. Data for "Plant Status Board" should be displayed. | <input type="checkbox"/> | <input type="checkbox"/> |

B. Activation and use of the SPDS Computer during drills/exercises (simulated data):

To obtain information needed for completion of the "Plant Status Board":

- | | | |
|--|--------------------------|--------------------------|
| 1. Ensure video screen is turned on and is displaying a cursor (small blinking lighted square). Adjust brightness control and contrast as necessary. | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Press ERF Menu Blue push-button, observe ERF menu displayed. | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Type 1 next to "Page" at top of screen. | <input type="checkbox"/> | <input type="checkbox"/> |
| 4. Press RSTR DSPLY white push-button (near enable key on right side of keyboard) | <input type="checkbox"/> | <input type="checkbox"/> |
| 5. Press PAGE BACK 2 or 3 times for "Plant Status Board" display | <input type="checkbox"/> | <input type="checkbox"/> |
| 6. Data for "Plant Status Board" should be displayed. | <input type="checkbox"/> | <input type="checkbox"/> |

ATTACHMENT 2: ERF HABITABILITY CRITERIA AND SURVEY GUIDELINES

NAME:	DATE:
-------	-------

NOTE: Eating, drinking, chewing (and where allowed) smoking are permissible in the TSC, OSC and EOF unless otherwise posted or announced.

1. Initial Habitability Determination

NOTE: The purpose of performing initial habitability is to provide a rapid determination of habitability to support making the facility operational within the required time.

Complete N/A

- | | | |
|---|--------------------------|--------------------------|
| a. Perform an initial check of radiological conditions (using qualified and available personnel) Use readily available instrumentation such as count rate meters, VAMPs and hand/foot monitors. | <input type="checkbox"/> | <input type="checkbox"/> |
| b. If facility habitability is suspect, as indicated by any elevated radiation, contamination or airborne levels above expected background levels, consult with the facility lead regarding actions | <input type="checkbox"/> | <input type="checkbox"/> |
| c. Post "no eating, drinking, chewing" sign as appropriate | <input type="checkbox"/> | <input type="checkbox"/> |
| d. Ensure an announcement is made. | <input type="checkbox"/> | <input type="checkbox"/> |
| e. Implement habitability surveys in accordance with Step 2 | <input type="checkbox"/> | <input type="checkbox"/> |

2. Habitability Surveys

- | | | |
|---|--------------------------|--------------------------|
| a. Verify proper operation of the following (as applicable) | <input type="checkbox"/> | <input type="checkbox"/> |
| <ul style="list-style-type: none"> ● Hand and Foot monitors ● PINGs ● Friskers/GM meters ● Portal monitors | | |
| b. Establish radiological control of the facility | <input type="checkbox"/> | <input type="checkbox"/> |
| <ol style="list-style-type: none"> 1. Establish any needed signs, ropes or step-off pads. 2. Post "No eating, drinking, chewing" sign as needed. | | |
| c. Survey the facility as follows: | <input type="checkbox"/> | <input type="checkbox"/> |
| <ol style="list-style-type: none"> 1. Count rate survey for general area radiation levels and/or contamination 2. Utilize dose rate meter as necessary 3. Smears for contamination 4. Air sample to check for airborne concentrations | | |

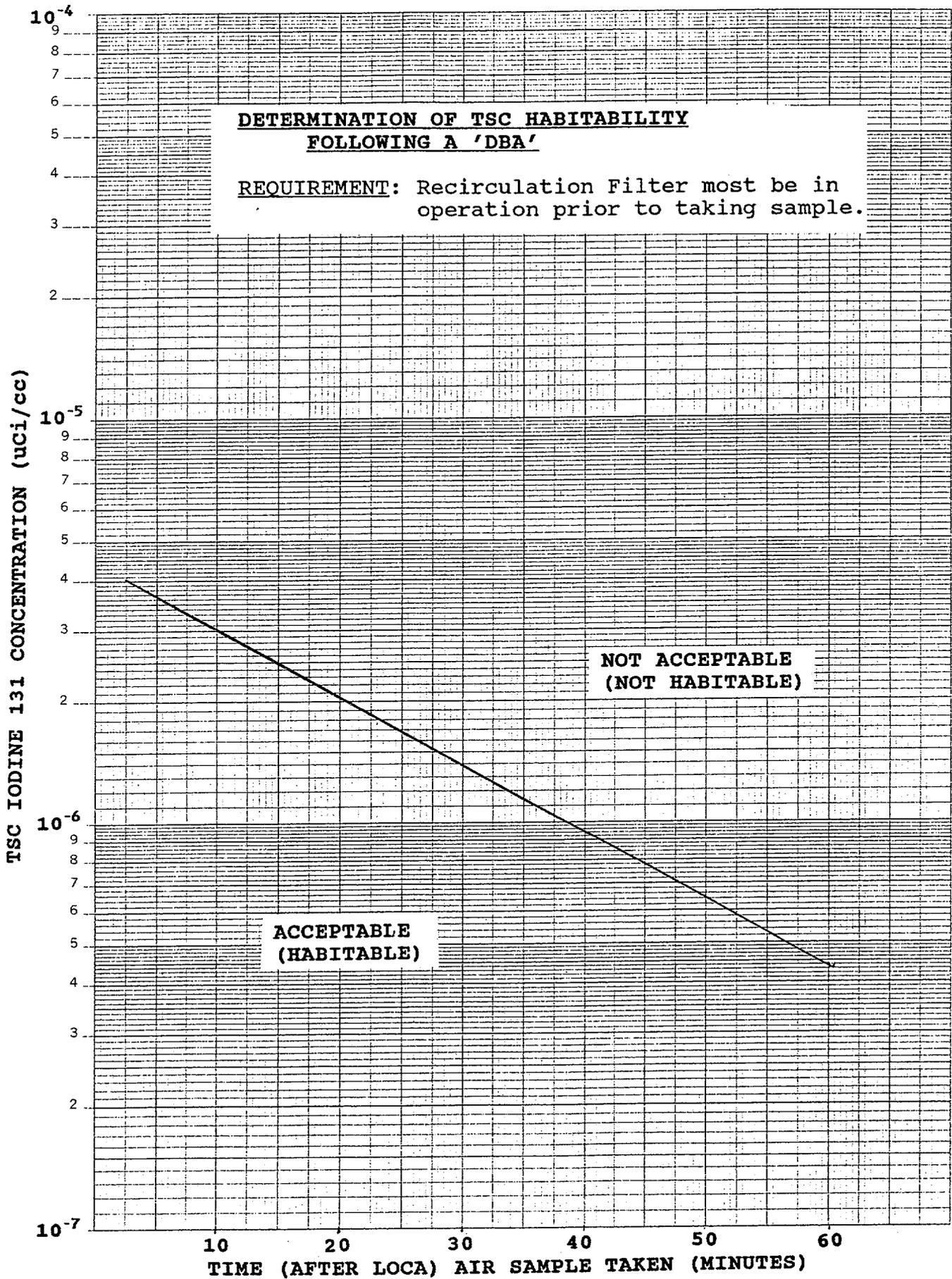
ATTACHMENT 2 (Cont)

Complete N/A

2. (Cont)

- | | | | |
|----|---|---|---|
| d. | Evaluate continued facility habitability if any of the following criteria are met: | □ | □ |
| | 1. VAMP in alarm OR general area dose rates > 7 mRem/hr (Exceeding these conditions for >30 days could cause an individual to exceed the emergency dose limit of 5 rem.) | | |
| | 2. PING in alarm. | | |
| | 3. Any elevated radiation, contamination or airborne levels. | | |
| e. | Survey adjacent areas for indications of changes in radiation or contamination levels. | □ | □ |
| f. | Perform follow-up surveys for changes in radiation and contamination levels on an on-going basis. | □ | □ |
| g. | If facility habitability is suspect, then consult with the facility lead regarding actions. | □ | □ |
| h. | Request facility lead, announce habitability status and any subsequent changes. | □ | □ |

ATTACHMENT 3: DETERMINATION OF TSC HABITABILITY FOLLOWING A DBA



ATTACHMENT 4: TSC ACTIVATION CHECKLIST

NAME:	DATE:
-------	-------

- NOTE:**
1. The first staff member to arrive at the TSC should initiate actions required by this checklist
 2. WHEN Steps 1 through 3 are complete THEN the facility may be considered operational.

- | | <u>Complete</u> | <u>N/A</u> |
|--|--------------------------|--------------------------|
| 1. Verify that the following staff (as a minimum) are available and have signed in on the ERF staffing board: | | |
| a. TSC Manager | <input type="checkbox"/> | <input type="checkbox"/> |
| b. Reactor Analyst Coordinator | <input type="checkbox"/> | <input type="checkbox"/> |
| c. Radiological Assessment Manager | <input type="checkbox"/> | <input type="checkbox"/> |
| d. Maintenance Coordinator | <input type="checkbox"/> | <input type="checkbox"/> |
| e. Technical Data Coordinator | <input type="checkbox"/> | <input type="checkbox"/> |
| f. TSC/EOF/CR Liaison | <input type="checkbox"/> | <input type="checkbox"/> |
| g. Security Liaison | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Conduct Initial Habitability Determination in accordance with Attachment 2 | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Verify the operability of required equipment. This may include telephones (direct dial, dedicated lines) and process/SPDS computer. . . | <input type="checkbox"/> | <input type="checkbox"/> |

NOTE: The following need NOT be completed to consider the TSC operational:

- | | | |
|---|--------------------------|--------------------------|
| 4. Verify the ERDS computer is activated in accordance with EPIP-EPP-20 within one hour of an alert or higher (Unit 2 only) | <input type="checkbox"/> | <input type="checkbox"/> |
| 5. Activate the TSC Emergency Ventilation in accordance with Attachment 5 | <input type="checkbox"/> | <input type="checkbox"/> |
| 6. Turn the hand/foot monitor on | <input type="checkbox"/> | <input type="checkbox"/> |
| 7. Activate Control Room camera and verify operability | <input type="checkbox"/> | <input type="checkbox"/> |
| 8. Activate SPDS in accordance with Attachment 1A or 1B | <input type="checkbox"/> | <input type="checkbox"/> |

ATTACHMENT 5: TSC EMERGENCY VENTILATION SYSTEM ACTIVATION/DEACTIVATION

NAME:	DATE:
-------	-------

ACTIVATION

Complete N/A

- | | | |
|--|---|---|
| 1. Turn key operated mode select switch (KS-2) from "Normal to Accident", log date/time on Attachment 9 | □ | □ |
| 2. Verify Damper MD-1 is OPEN [Red Light] | □ | □ |
| 3. Verify Damper MD-2 is OPEN [Red Light] | □ | □ |
| 4. Verify Damper MOD-1 is CLOSED [Green Light] | □ | □ |
| 5. Verify Fan Red Light is ON [Fan is Operational] | □ | □ |
| 6. Emergency Ventilation System is now activated | □ | □ |
| 7a. Note that Power Source is:
<input type="checkbox"/> Normal (green) <input type="checkbox"/> Emergency (red) | | |
| 7b. If Power Source is in Emergency mode immediately Notify
Tech Data Coordinator, or SED. | □ | □ |
| 8. VAMP turned on and checked | □ | □ |
| 9. PING turned on (by a qualified individual only) and checked (Attach. 8) . | □ | □ |

NOTE:

1. If radiological conditions in the TSC exceed 7 mR/hr (as measured by VAMPs or habitability surveys), notify the RAM.
2. Should PINGs or habitability surveys indicate that radioiodine may be a concern to facility occupants, then consult EPIP-EPP-15 regarding the need for thyroid prophylaxis.

DEACTIVATION

- | | | |
|---|---|---|
| 1. Turn key operated mode select switch (KS-2) from "Accident to Normal" | □ | □ |
| 2. Depress green start button | □ | □ |
| 3. Verify Damper MD-1 is CLOSED [Green Light] | □ | □ |
| 4. Verify Damper MD-2 is CLOSED [Green Light]. | □ | □ |
| 5. Verify Damper MOD-1 is OPEN [Red Light] | □ | □ |
| 6. Verify Fan Red Light is OFF [Fan is now off] | □ | □ |
| 7. Emergency Ventilation System is now off, log date/time on Attachment 9 | □ | □ |

ATTACHMENT 6: OSC ACTIVATION CHECKLIST

NAME:	DATE:
-------	-------

- NOTE:**
1. The first staff member to arrive at the OSC should initiate actions required by this checklist.
 2. WHEN steps 1 through 4 are complete, THEN the facility may be considered operational:

	<u>Complete</u>	<u>N/A</u>
1. Verify that the following staff (as a minimum) are available and have signed in on the ERF staffing board:		
a. OSC Coordinator	<input type="checkbox"/>	<input type="checkbox"/>
b. Rad Protection Team Coordinator	<input type="checkbox"/>	<input type="checkbox"/>
c. Damage Control Team Coordinator	<input type="checkbox"/>	<input type="checkbox"/>
2. Conduct Initial Habitability Determination in accordance with Attachment 2	<input type="checkbox"/>	<input type="checkbox"/>
3. Verify the operability of required equipment. This may include telephone (direct dial, dedicated lines) PA Amplifier, Network Computer	<input type="checkbox"/>	<input type="checkbox"/>
4. Inform the OSC Coordinator of status	<input type="checkbox"/>	<input type="checkbox"/>

NOTE: The following need NOT be completed to consider the OSC operational.

5. Place sign on main door to Unit 1 Admin (G) building indicating that all individuals must use the employee entrance	<input type="checkbox"/>	<input type="checkbox"/>
6. Inform the TSC when survey teams are assembled and ready to be dispatched	<input type="checkbox"/>	<input type="checkbox"/>
7. Notify TSC Manager when operational	<input type="checkbox"/>	<input type="checkbox"/>

ATTACHMENT 7: EOF ACTIVATION CHECKLIST

NAME:	DATE:
-------	-------

- NOTE:**
1. The first staff member to arrive at the EOF should initiate actions required by this checklist.
 2. WHEN steps 1 through 3 are complete, THEN the facility may be considered operational:

3. If the EOF loses power, report it to the Central Regional Control Center (CRCC) per step 11.

- | | <u>Complete</u> | <u>N/A</u> |
|--|--------------------------|--------------------------|
| 1. Verify that the following staff (as a minimum) are available and have signed in on the ERF staffing board: | | |
| a. Emergency Director/Recovery Manager | <input type="checkbox"/> | <input type="checkbox"/> |
| b. Offsite Dose Assessment Manager | <input type="checkbox"/> | <input type="checkbox"/> |
| c. EOF Administrator | <input type="checkbox"/> | <input type="checkbox"/> |
| d. Communications Coordinator | <input type="checkbox"/> | <input type="checkbox"/> |
| e. Technical Assistant | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Verify the operability of required equipment. This may include:
telephones (direct dial, dedicated lines), dose assessment computer
process/SPDS computer, radios | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Inform the ED/RM of status | <input type="checkbox"/> | <input type="checkbox"/> |

NOTE: The following need NOT be completed to consider the EOF operational

- | | | |
|--|--------------------------|--------------------------|
| 4. Set up stanchions, barriers, and signs to ensure personnel enter through the radiological monitoring room | <input type="checkbox"/> | <input type="checkbox"/> |
| 5. Verify the portal monitor is on (two switches) | <input type="checkbox"/> | <input type="checkbox"/> |
| 6. Ensure a Security Force Member and a clerk staff the EOF registration desk | <input type="checkbox"/> | <input type="checkbox"/> |
| 7. Instruct all non-emergency personnel to leave the EOF | <input type="checkbox"/> | <input type="checkbox"/> |
| 8. Activate SPDS in accordance with Attachment 1C or 1D | <input type="checkbox"/> | <input type="checkbox"/> |
| 9. Activate the SPDS projector in accordance with Attachment 12 | <input type="checkbox"/> | <input type="checkbox"/> |
| 10. Log-on to RAGEMS (Unit 1) or GEMS (Unit 2) in accordance with Attachment 11 | <input type="checkbox"/> | <input type="checkbox"/> |

11. IF the EOF experiences a loss of power,
THEN call the CRCC Shift Supervisor at 460-2421.

a. Identify who you are, why you are calling, and provide the following information:

1. State the facility status, i.e. unoccupied, drill, exercise actual event, etc.

2. State the location of the facility as:

"This is the Nuclear Emergency Center located on Route 176 (Whitaker Road) Fulton. We are supplied by the Whitaker Rd. feeder number 29652. Our service pole is 54-1 and we are located adjacent to the Airport and 9 Mile Point Emergency Media Center."

ATTACHMENT 8: PORTABLE IODINE NOBLE GAS MONITOR (PING) OPERATION

CAUTION

Only the RAM or a qualified Radiation Protection
Technician should attempt to turn the PING on or off.

OPERATION:

1. During normal operation with the TSC not activated:
 - Contact the RP Department if it is necessary to turn the PING on or off.
2. During Emergencies when the TSC is activated:
 - Contact the Radiological Assessment Manager in the TSC whenever it is necessary to turn the PING on or off.

ATTACHMENT 10: NUCLEAR LEARNING CENTER EMERGENCY CHECKLIST

Sheet 1 of 2

NAME:	DATE:
-------	-------

Complete N/A

- | | | | |
|-----|--|---|---|
| 1. | Notified of an emergency by _____ | □ | □ |
| 2. | Obtain the announcement from the caller using Attachment 10, Figure 1 | □ | □ |
| 3. | Ensure the PA System is in operating mode and | | |
| | a. DEACTIVATE the "ALL CALL" button by pressing the button
(color of button turns from green to black) | □ | □ |
| | b. ACTIVATE all areas except:
-The Simulator being used for the Drill
(Unit 1 - Zone 3, Unit 2 - Zone 4)
(Note: Green light turns ON when activated.) | □ | □ |
| | c. DEACTIVATE the "Alarm Silence Alarm" by pressing the button | □ | □ |
| 5. | Depress red button on microphone and make the announcement
<u>two times</u> : | □ | □ |
| 6. | ACTIVATE the "Alarm Silence Alarm" by pressing the button | □ | □ |
| 7. | Notified of a need for another announcement from the EOF | □ | □ |
| 8. | Obtain the announcement from the caller using Attachment 10, Figure 1 | □ | □ |
| 9. | DEACTIVATE the "Alarm Silence Alarm" by pressing the button | □ | □ |
| 10. | Depress red button on microphone and make the announcement
<u>two times</u> : | □ | □ |
| 11. | ACTIVATE the "Alarm Silence Alarm" by pressing the button. | □ | □ |
| 12. | Notified of Emergency Event termination from the EOF | □ | □ |

ATTACHMENT 10: (Cont)

Complete N/A

- 13. Obtain the announcement from the caller using Attachment 10, Figure 1
- 14. DEACTIVATE the "Alarm Silence Alarm" by pressing the button
- 15. Depress red button on microphone and make the announcement
two times:
- 16. ACTIVATE the "Alarm Silence Alarm" by pressing the button.
- 17. Return PA system to normal operation by performing the following:
 - a. ACTIVATE the ALL CALL button (press and color changes to green)
 - b. ACTIVATE the ZONE button (press and color changes to green)

ATTACHMENT 10
FIGURE 1

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.
7. Repeat this announcement.

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 11: ACCESS AND USE OF THE GEMS AND RAGEMS COMPUTERS

NAME:	DATE:
-------	-------

- | | <u>Complete</u> | <u>N/A</u> |
|---|--------------------------|--------------------------|
| A. <u>Unit 2 GEMS access and use:</u> | | |
| 1. Turn on the computer. | <input type="checkbox"/> | <input type="checkbox"/> |
| Type HELLO | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Type EOF or TSC when prompted for name. | <input type="checkbox"/> | <input type="checkbox"/> |
| 4. Type EOF or TSC when prompted for password | <input type="checkbox"/> | <input type="checkbox"/> |
| 5. Answer next two questions prompted by computer as no. | <input type="checkbox"/> | <input type="checkbox"/> |
| 6. For updates, type @UNIT2 | <input type="checkbox"/> | <input type="checkbox"/> |
| 7. Type BYE to exit. | <input type="checkbox"/> | <input type="checkbox"/> |
|
B. <u>Unit 1 RAGEMS access and use:</u> | | |
| 1. Type ATDT2716 on printer keyboard. | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Wait for connect (the > sign) | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Enter commands as indicated on computer console. | <input type="checkbox"/> | <input type="checkbox"/> |
| 4. Type + + + ATH (without any spaces) to hang-up. | <input type="checkbox"/> | <input type="checkbox"/> |

ATTACHMENT 12: PROJECTING SPDS DISPLAYS IN THE EOF

NAME:	DATE:
-------	-------

Complete N/A

A. To project the SPDS Display onto the right front drop down screen in the EOF:

- | | | |
|---|--------------------------|--------------------------|
| 1. Verify that the SPDS output for the affected Unit is displayed on the appropriate terminal in the Technical Assessment room of the EOF | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Select the switch position for the affected Unit on the "Front Projector Input" box on the filing cabinet next to the SPDS terminals in the Technical Assessment room. | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Select the switch position for "Nine Mile" on the video rack in the NYPA Communications room at the front of the core area. | <input type="checkbox"/> | <input type="checkbox"/> |
| 4. Adjust (lower) the right hand video projection screen such that it is in the down position. | <input type="checkbox"/> | <input type="checkbox"/> |
| 5. Press the "power" button on the right hand projector (ceiling level, EOF core) over the EOF Administrators desk. | <input type="checkbox"/> | <input type="checkbox"/> |
| 6. SPDS screen selected should be displayed and updating on the right front screen. | <input type="checkbox"/> | <input type="checkbox"/> |
| 7. Following completion of activities in the EOF, return equipment to condition prior to activation of displays. | <input type="checkbox"/> | <input type="checkbox"/> |

NINE MILE POINT NUCLEAR STATION
EMERGENCY PLAN IMPLEMENTING PROCEDURE

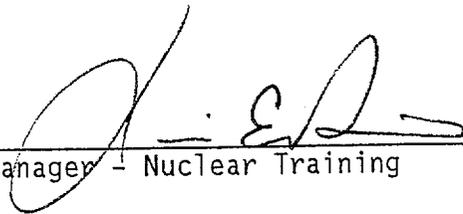
EPIP-EPP-16

REVISION 09

ENVIRONMENTAL MONITORING

TECHNICAL SPECIFICATION REQUIRED

Approved by:
L. E. Pisano



Manager - Nuclear Training

9 MAY 2001
Date

Effective Date: 06/01/2001

PERIODIC REVIEW DUE DATE May 2002

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1.0 **PURPOSE**

- 1.1 To provide data used in the determination of radiological dose and contamination estimates from environmental samples.
- 1.2 To determine if an emergency situation should be classified as an Extraordinary Nuclear Occurrence in accordance with 10CFR140, Subpart E, Extraordinary Nuclear Occurrences.
- 1.3 To describe and provide for the initiation of an expanded Radiological Environmental Monitoring Program (REMP) to determine maximum exposed individual dose and population man-rem doses upon termination of the accident release.

2.0 **RESPONSIBILITIES**

2.1 **Emergency Director/Recovery Manager (ED/RM)**

- 2.1.1 Makes the decision to notify off-site emergency management agencies.
- 2.1.2 Makes Protective Action Recommendations (PARs), as necessary, to off-site emergency management agencies.

2.2 **Offsite Dose Assessment Manager (ODAM)**

Provides overall coordination of the offsite dose assessment effort, including direction to the ESSTC.

2.3 **Environmental Sample/Survey Coordinator (ESSTC) OR Supervisor Environmental Protection:**

- 2.3.1 Directs the activities of and provides technical and administrative direction from the EOF to Downwind Survey teams.
- 2.3.2 Ensures continuous accountability for personnel actively assigned out of plant surveys.
- 2.3.3 Directs the expanded environmental monitoring program.
- 2.3.4 Assesses the radiological impact of station operation on the general public and the environment.
- 2.3.5 Interprets analyses data from samples collected for the expanded environmental monitoring program.

2.4 **Environmental Monitoring Teams**

Perform sampling and radiological surveys outside the station during an emergency.

3.0 PROCEDURE

NOTE: It is not necessary to execute steps or actions in the order listed to successfully perform this procedure.

3.1 The Environmental Survey/Sample Team Coordinator (ESSTC) actions:

NOTE: Attachment 1, Radiological Environmental Sampling Program table provides guidance on determining what to sample and quantities.

- a. Implement emergency environmental sampling in accordance with:
 - Attachment 5, DIRECTION OF ENVIRONMENTAL SAMPLE COLLECTION.
- b. Determine if 10CFR140 criteria are met in accordance with Attachment 3, 10CFR140.84, RADIOLOGICAL CRITERIA FOR EXTRAORDINARY NUCLEAR OCCURRENCE
- c. Assist the ODAM in determining total population, assuming persons within the ERPA are exposed to the maximum radiation levels.
- d. Determine adequacy of State Ingestion Pathway Protective Action in accordance with Attachment 4, Protective Action Guidelines for Ingestion Pathway.

3.2 Environmental Monitoring Teams actions:

- a. Collect samples in accordance with:
 - Attachment 6, COLLECTION OF ENVIRONMENTAL SAMPLES
 - Attachment 7, SNOW SAMPLING
 - Attachment 8, GROUND CONTAMINATION SAMPLING
 - Attachment 9, GROUND DEPOSITION SAMPLING
 - Attachment 10, VEGETATION SAMPLING
 - Attachment 11, SURFACE WATER SAMPLING
- b. Perform other actions as directed by the Environmental Survey Sample Team Coordinator or the Supervisor Environmental Protection.

3.3 The Offsite Dose Assessment Manager (ODAM) Actions: Determine Total Population Dose in accordance with Attachment 12, ESTIMATION OF TOTAL POPULATION DOSE.

3.4 The Emergency Director/Recovery Manager (ED/RM) actions:

Inform State officials of the need for preventative or emergency actions in accordance with recommendations from the ESSTC or Supervisor Environmental Protection.

4.0 DEFINITIONS

4.1 Derived Intervention Level

Corresponds to the concentration in food present throughout the relevant period of time that, in the absence of intervention, could lead to an individual receiving a radiation dose equal to the Protection Action Guideline.

4.2 Environmental Monitoring Teams

Personnel from the station staff (Radiation Protection or Environmental Departments) or contractor staff that collect environmental samples or obtain environmental measurements as part of the Expanded Radiological Environmental Monitoring Program.

4.3 Expanded Radiological Environmental Monitoring Program

Characterized by an increase in the number and frequency of samples collected as part of the normal monitoring program, plus other additional sampling of critical pathways (such as snow, ground deposition, surface water, etc.)

4.4 Ingestion Exposure Pathway

The pathway by which an exposure is received is due to the ingestion of contaminated water or foods.

4.5 Radiological Environmental Monitoring Program

Program involving the collection of radiological samples required by Technical Specifications and additional optional samples not covered in technical specifications (such as soil, meat, poultry, etc.)

5.0 REFERENCES AND COMMITMENTS

5.1 Technical Specifications

None

5.2 Licensee Documentation

5.2.1 Site Emergency Plan

5.3 Standards, Regulations, and Codes

5.3.1 10CFR140, Subpart E, Extraordinary Nuclear Occurrences

5.3.2 EPA 400-R-92-001, EPA Manual of Protective Action Guides and Protective Actions for Nuclear Incidents, May 1992

- 5.3.3 NUREG-0654, Criteria for Preparation and Evaluation of Radiological Emergency Response Plans and Preparedness in Support of Nuclear Power Plants
- 5.3.4 Accidental Radioactive Contamination of Human Foods and Animal Feeds: Recommendations for State and Local Agencies, U.S. Department of Health and Human Services, Aug 1998.

5.4 Policies, Programs, and Procedures

- 5.4.1 S-ENVSP-4.1, TLD Preparation and Collection
- 5.4.2 S-ENVSP-4.2, Environmental Air Monitoring Sample Collection
- 5.4.3 S-ENVSP-4.4, Environmental Surface Water Sample Collection and Compositing
- 5.4.4 S-ENVSP-4.5, Emergency Preparedness TLD Placement/Collection
- 5.4.5 EPIP-EPP-07, Downwind Radiological Monitoring
- 5.4.6 EPIP-EPP-08, Off-Site Dose Assessment and Protective Action Recommendation
- 5.4.7 (Finley, R.D., H.B. Warren, and R.E. Hargrove, "Storage Stability of Commercial Milk," Journal of Milk and Food Technology. 31(12):382-387, December 1968).

5.5 Commitments

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 to records resulting from an actual emergency declared at Nine Mile Point.

Attachment 2: Emergency Environmental Sample Data Sheet Refined Contamination Surveys

Attachment 4: Protective Action Guidelines for Ingestion Pathway

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

NOTE: This section only applies to records not generated as the result of an actual emergency declared at Nine Mile Point.

Attachment 2: Emergency Environmental Sample Data Sheet Refined Contamination Surveys

Attachment 4: Protective Action Guidelines for Ingestion Pathway

LAST PAGE

ATTACHMENT 1: RADIOLOGICAL ENVIRONMENTAL SAMPLING PROGRAM TABLE

The following table should be used as guidance in determining environmental samples and quantity to be sampled:

Medium Sampled	Approximate Quantity/Volume of Each Sample	Analysis	Preferred Sample location
Air-particulate	20,000 ft ^{3**} 45 ft ^{3*}	Beta**, gamma**	Downwind from site Upwind
Air-Iodine	20,000 ft ^{3**} 45 ft ^{3*}	Beta, gamma**	Downwind from site Upwind
Water-Lake (Note 1)	8 liters (2 gal)	Gamma	Downstream Upstream
Water-Tap (Note 2)	8 liters (2 gal)	Gamma	Downstream Upstream
Soil (Note 3)	2 Kg. (wet)	Gamma Isotopic	Downwind Upwind
Vegetation (Note 3)	2 Kg. (wet)	Gamma Isotopic	Downwind Upwind
Milk (Note 4)	3 gallons	I ¹³¹ Gamma Isotopic Sr ⁹⁰	Downwind*** Upwind***
Snow	1 yard ² (to a depth of 1 inch)	Gamma Isotopic	As directed by Environmental Protection
Other	****	****	****

- * Downwind Survey Team Air Sample
- ** Normal Radiological Environmental Monitoring Program Air Sample
- *** If Owner Cooperation Available
- **** Other sample media type as directed by Environmental Protection (shoreline sediment, fish, algae, meat, etc.)

ATTACHMENT 1: RADIOLOGICAL ENVIRONMENTAL SAMPLING PROGRAM TABLE

Page 2 of 2

- NOTES:**
1. Upstream samples should be a minimum of five miles upstream of station outfalls.
 2. Control samples should come from a least prevalent flow direction and from a township (municipal) water supply.
 3. Control samples should come from a least prevalent wind direction at TLD sites for sample accountability. Downwind samples should be taken at or near TLD locations for sample accountability.
 4. Control milk samples should be raw, untreated milk from farms in a least prevalent wind direction.

NOT ALL SAMPLES ON THIS TABLE NEED TO BE COLLECTED DURING EMERGENCY CONDITIONS; HOWEVER, A REPRESENTATIVE SAMPLE SHOULD BE TAKEN IN THE REMAINING AREAS AS TIME PERMITS.

This procedure may continue for a relatively long period of time after the emergency has been terminated. However, this procedure should continue in effect under the direction of the Supervisor Environmental Protection until all required samples have been collected, prepared, analyzed and evaluated, as appropriate.

EMERGENCY ENVIRONMENTAL SAMPLE DATA SHEET REFINED CONTAMINATION SURVEYS

Type of Sample	Sample Number (as applicable)	Date	Time
Technician(s)	Location		

Map

	Reference Object
	Direction
	Distance
	ft

Refined Contamination Surveys

	Radiation Levels				Comments
	Circle: μ R/hr or mR/hr or CPM				
	Before		After		
	1cm	1m	1cm	1m	
Snow					
Ground Deposition:	Grass				
	Soil				
	Leaves				
Vegetation Sampling: (Leaves and/or Debris)					Depth of Sample
Other Environmental Media Samples:					Type:

Refined Ground Contamination Survey (as applicable)

		Radiation Levels		
		Circle: μ R/hr or mR/hr or CPM		
Square Size	Result	Minimum	Maximum	Approximate Average
(Circle: 80,40, 20 ft.)	1 cm			
	1 meter			

Weather Conditions

--

Other Comments

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NOTE: For environmental samples, ensure the containers (bags, bottles, etc.) are adequately sealed and labeled.

ATTACHMENT 3: 10CFR140.84, RADIOLOGICAL CRITERIA FOR
EXTRAORDINARY NUCLEAR OCCURRENCE

Page 1 of 3

1. Ensure samples are taken in accordance with Attachment 5, "Direction of Environmental Sample Collection".
2. Calculate doses in accordance with Attachment 12, "Estimation of Total Population Dose" and evaluate survey results from activities performed in accordance with Attachment 6, "Collection of Environmental Samples".
3. Compare the survey and sample results from step 2 above to the 10CFR140.84 criteria listed under "TOTAL PROJECTED RADIATION DOSES", or "TOTAL SURFACE CONTAMINATION LEVELS" this attachment.
4. If the 10CFR140.84 criteria listed in this attachment are met or exceeded in accordance with step 3 above, notify the ED/RM that we have met the NRC criteria for liability under 10CFR140.84, Extraordinary Nuclear Occurrence.
5. Maintain awareness of the requirements of this attachment, and ensure someone is addressing this evaluation on an ongoing basis as appropriate.

(Criterion 1-Substantial Discharge of
Radioactive Material or Substantial
Radiation Levels Off-Site)

The Commission will determine that there has been a substantial discharge or dispersal of radioactive material off-site, or that there have been substantial levels of radiation off-site, when, as a result of an event comprised of one or more related happenings, radioactive material is released from its intended place of confinement or radiation levels occur off-site and either of the following findings is also made:

- a. The Commission finds that one or more persons off-site were, could have been, or might be exposed to radiation or to radioactive material, resulting in a dose or in a projected dose in excess of one of the levels in the following table:

TOTAL PROJECTED RADIATION DOSES

CRITICAL ORGAN	DOSE (rems)
Thyroid	30
Whole Body	20
Bone Marrow	20
Skin	60
Other organs or tissues	30

Exposure from the following types of sources of radiation shall be included:

1. Radiation from sources external to the body;
2. Radioactive material that may be taken into the body from its occurrence in air or water; and
3. Radioactive material that may be taken into the body from its occurrence in food or on terrestrial surfaces.

(Criterion 1-Substantial Discharge of Radioactive Material
or Substantial radiation Levels Off-Site)

b. The Commission finds that:

1. Surface contamination of at least a total of any 100 square meters of off-site property has occurred as the result of a release of radioactive material from a production or utilization facility and such contamination is characterized by levels of radiation in excess of one of the values listed in Column 1 or Column 2 of the following table, or
2. Surface contamination of any off-site property has occurred as the result of a release of radioactive material in the course of transportation and such contamination is characterized by levels of radiation in excess of one of the values listed in Column 2 of the following table:

TOTAL SURFACE CONTAMINATION LEVELS^(A)

Type of Emitter	Column 1 Off-Site Property, Contiguous to Site, Owned or Leased by Person with Whom An Indemnity Agreement is Executed.	Column 2 Other Off-Site Property
Alpha emission from transuranic isotopes	3.5 microcuries per square meter	0.35 microcuries per square meter
Alpha emission from isotopes other than transuranic isotopes	35 microcuries per square meter	3.5 microcuries per square meter
Beta or gamma emission	40 millirads/hour @ 1 cm ^(B)	4 millirads/hour @ 1 cm ^(B)

^(A) The maximum levels (above background), observed or projected, 8 or more hours after initial deposition.

^(B) Measured through not more than 7 milligrams per square centimeter of total absorber.

1. The purpose of this Attachment is to outline the expected actions to be taken by State and Federal officials in response to radioactive contamination of foodstuffs as a result of an accidental release of radioactive materials from the Nine Mile Point Nuclear Station.
2. The Protection Action Guidelines are as follows:
 - 0.5 rem for committed effective dose equivalent.
 - 5 rem committed dose equivalent to an individual tissue or organ.
3. The following table provides Derived Intervention Levels (DIL) for the major radionuclides at concern. A DIL corresponds to the concentration in food present throughout the relevant periods at that time that, in the absence of any intervention, could lead to an individual receiving a radiation dose equal to the PAG.

Recommended Derived Intervention Level (DIL)
or Criterion for Each Radionuclide Group ^{(a), (b)}

All components of the Diet

Radionuclide Group	Bq/kg	(pCi/kg)
Sr-90	160	4300
I-131	170	4600
Cs-134 + Cs-137	1200	32,000
Pu-238 + Pu-239 + Am-241	2	54
Ru-103 + Ru-106 ^(c)	$\frac{C_3}{6800} + \frac{C_6}{450} < 1$	$\frac{C_3}{180,000} + \frac{C_6}{12,000} < 1$

- NOTES:**
- a. The DIL for each radionuclide group (except for Ru-103+Ru-106) is applied independently. Each DIL applies to the sum of the concentrations of the radionuclides in the group at the time of measurement.
 - b. Applicable to foods as prepared for consumption. For dried or concentrated products such as powdered milk or concentrated juices, adjust by a factor appropriate to reconstitution, and assume the reconstitution water is not contaminated. For spices, which are consumed in very small quantities, use a dilution factor of 10.
 - c. Due to the large difference in DILs for Ru-103 and Ru-106, the individual concentrations of Ru-103 and Ru-106 are divided by their respective DILs and then summed. The sum must be less than one. C_3 and C_6 are the concentrations, at the time of measurement, for Ru-103 and Ru-106, respectively.

4. If a DIL is met for a particular food stuff, the State or lead Federal Agency may implement any of the following protective actions:
 - a. Protective action prior to confirmation of contamination:
 1. Simple precautionary actions to avoid or reduce the potential for contamination of food and animal feeds. This may include:
 - covering exposed food products
 - moving animals to shelter
 - corralling livestock and providing protected feed and water
 2. Temporary embargo to prevent the introduction into commerce of food which is likely to be contaminated.
 - b. Protective actions for foods confirmed to be contaminated.
 1. Temporary embargo to prevent the contaminated food from being introduced into commerce.
 2. Normal food production and processing actions that reduce the amount of contamination in or on food below the DIL. These actions may include:
 - holding to allow for radioactive decay
 - brushing, washing or peeling
 - c. Protective actions for animal feeds confirmed as contaminated:
 - replace contaminated water with uncontaminated water
 - removal of lactating dairy animals from contaminated feeds and pasture.
5. The ODAM or ESSTC may compare the activity of contaminated foodstuffs to the DIL.
 - a. Activity of contaminated foodstuffs may be determined from samples taken in response to this procedure.
 - b. Protective actions recommended by the State or lead Federal Agency may be compared to information available to EOF dose assessment staff. Discrepancies should be resolved by interaction with the NRC staff in the EOF.

ATTACHMENT 5: DIRECTION OF ENVIRONMENTAL SAMPLE COLLECTION

NOTE: Whenever possible a 9 Mile Point Radiation Protection Technician or individual with equivalent knowledge and expertise should accompany any sampling teams.

1. Initiate the collection of emergency environmental samples and surveys in accordance with Attachment 1, RADIOLOGICAL ENVIRONMENTAL SAMPLING PROGRAM TABLE after any significant radiological release.
2. Depending upon the extent of the emergency and the duration of the emergency organization, advise the Radiological Assessment Manager (RAM) and Emergency Director/Recovery Manager (ED/RM) in the EOF of the implementation and progress of the refined surveys and the expanded environmental monitoring program, as applicable.

NOTE: Whenever possible the sample teams should be instructed to start sampling in areas of least contamination first and work toward areas of higher contamination. This lessens the potential of cross contamination of samples.

3. Select appropriate collection locations, based on the following order of priority:
 - a. Downwind on-site (site boundary area)
 - b. Downwind off-site
 - c. Upwind on-site
 - d. Upwind off-site, as applicable
4. Select other collection locations as soon as practicable without interfering with other emergency operations.
5. Environmental samples should be collected in accordance with S-ENVSP-4.1, S-ENVSP-4.2, S-ENVSP-4.4 and S-ENVSP-4.5 as appropriate.
6. If the emergency situation requires an increased number and frequency of sample locations, initiate the expanded Radiological Environmental Monitoring Program (REMP).
7. Direct Environmental Monitoring Teams to collect environmental samples (such as water, soil, foliage) using:

NOTE: One set of supplies is kept at the EOF. The other ingestion pathway sampling kit is kept at the office of the environmental sample collection contractor.

- a. Post-accident radiological environmental sampling equipment (NMPNS Staff)
 - b. The post-accident ingestion pathway sampling kit (contractor)
8. Direct teams to the appropriate facility for sample analysis.
 9. During or after the emergency situation at the site is terminated, the Environmental Survey/Sample Team Coordinator, the Supervisor Environmental Protection or designee, should evaluate processing Emergency TLDs in accordance with S-ENVSP-4.5, Emergency Preparedness to TLD Placement/Collection.

ATTACHMENT 6: COLLECTION OF ENVIRONMENTAL SAMPLES

NOTES:

1. Radiation level measurements should be obtained using a dose rate instrument (micro R/hr. or micro Rem/hr.) or a count rate instrument (counts per minute).
 2. Environmental samples should be collected and handled in a manner to minimize the spread of contamination and the cross contamination of samples.
1. Use the supplies and equipment contained in:
 - a. The EOF post accident radiological environmental sampling equipment (9 Mile Point teams)
 - b. The post-accident ingestion pathway sampling kit (contractor teams)
 2. Use additional supplies and equipment as advised by the Supervisor Environmental Protection.
 3. Using the attachments in this procedure for guidance as necessary, collect samples as directed by the Environmental Survey Sample Team Coordinator or the Supervisor Environmental Protection.
 4. Upon arriving at an environmental air monitoring station, unlock and open the door using the P-5 key, which is available with the Rad Protection supplies and equipment found at the EOF.
 5. Collect air samples in accordance with S-ENVSP-4.2, Environmental Air Monitoring Sample Collection.
 6. Deliver the particulate and charcoal cartridge samples to the Nine Mile Point Nuclear Station (NMPNS) or James A. Fitzpatrick (JAF) lab, as directed by the Supervisor Environmental Protection or ESSTC.
 7. When collecting environmental radiation monitor data, Environmental Monitoring Teams should:
 - a. Observe the dose rate indication on the survey meter.
 - b. Report and record the dose rate in micro R/hr via the radio (Rad. Team channel) or cellular phone to the Emergency Operations Facility (EOF), if requested.
 - c. Use a portable dose rate survey meter to compare dose rates as follows:
 1. Place the detector close to the monitoring station detector.
 2. Observe the meter readings.
 3. Report the results to the EOF.

ATTACHMENT 7: SNOW SAMPLING

1. Before sample collection, consult with the Supervisor Environmental Protection for any additional direction.
2. Select a sampling area free of natural or man-made disturbances (plowing, snowmobiles, pedestrians, etc.).
NOTE: Snow that is falling or on the ground at the time of interest may have drifted. Melting, freezing, or falling rain may fix the snow deposition in an ice layer not affected by winds. Use snow deposition and existing weather conditions to determine the sampling area.
3. Obtain radiation level measurements with a portable survey meter one centimeter and one meter above the surface of the snow and record on the Emergency Environmental Sample Data Sheet Refined Contamination Surveys (Attachment 2).
4. Measure the selected sampling area in units of square feet.
5. Sample frozen snow to a depth of 1 inch where possible sufficient to yield 3 liters of melted snow, allowing for:
 - a. A crusty layer may have formed on an earlier snowfall or the snow of interest may be below a crusty layer formed later. Therefore, the crusty layer may have to be removed before sampling snow.
 - b. Loose snow volume is four times a liquid volume. Sample 12 liters of loose frozen snow.
 - c. Icy snow volume is approximate two times a liquid volume. Sample 6 liters of icy snow.
 - d. 1 cubic foot of snow approximates 0.5 liters of liquid when melted.
6. Pack the snow in a plastic collection bag.
7. Remove the snow to a depth sufficient to collect the snow of interest.
8. Estimate the depth of snow collected.
9. Double bag snow samples to prevent leakage.
10. Identify the sample bag with sample type, location, date, and time.
11. Remeasure radiation levels at one centimeter and one meter from the newly exposed surface.
12. Record the data on the Emergency Environmental Sample Data Sheet Refined Contamination Surveys (Attachment 2):

ATTACHMENT 8: GROUND CONTAMINATION SAMPLING

1. Select an area where natural or man-made disturbances are limited.
2. As directed by the Supervisor Environmental Protection, measure or estimate one of the following:
 - a. An approximate 80 foot square for low contamination
 - b. A 40 foot square for moderate contamination
 - c. A 20 foot square for heavy contamination
3. Sketch a map of the squared area noting fixed reference points on Emergency Environmental Sample Data Sheet Refined Contamination Surveys (Attachment 2).
4. Perform a general area survey using a portable meter at waist level (one meter).
5. Indicate the general area (average) dose rate and any isolated results greater than 10 times the general area readings on the map.
6. Measure radiation levels at one meter and one centimeter at intersection points. Indicate results on map.
7. Indicate location, date, time, and reference to north direction on map.
8. If directed, obtain soil sample(s) in accordance with Attachment 9 of this procedure.

ATTACHMENT 9: GROUND DEPOSITION SAMPLING

1. When sampling AREAS WITH GRASS:
 - a. Obtain radiation readings at one centimeter and one meter above the surface of the sampling area.
 - b. Measure the selected sampling area in units of square feet.
 - c. Clip the grass in the sample area close to the roots. Do NOT include clumps of grass and dirt in the sample. Collect a sample volume of approximately one gallon (compressed).
 - d. Collect separately the top $\frac{1}{2}$ inch of soil from the area in which the grass was clipped. Obtain enough soil for an approximate mass of 2 Kg (4.4 lbs.).
 - e. Remeasure radiation levels at one centimeter and one meter above the surface, where samples were taken.
 - f. Record data on Emergency Environmental Sample Data Sheet Refined Contamination Surveys (Attachment 2):
 - g. Identify the sample collection bag with date, time, location, and sample type.

2. When sampling areas with NO GRASS:
 - a. Measure selected sampling area in units of square feet.
 - b. Measure radiation levels at one centimeter and one meter above the surface of the sampling area.
 - c. If leaves or debris other than sticks are in the selected areas, collect as a separate sample.
 - d. Collect the top $\frac{1}{2}$ inch of soil for an approximate mass of 2 Kg (4.4 lbs.).
 - e. Remeasure radiation levels at one centimeter and one meter from the surface.
 - f. Record data on Emergency Environmental Sample Data Sheet Refined Contamination Surveys (Attachment 2):
 - g. Identify the sample collection bag with date, time, location, and sample type.

ATTACHMENT 10: VEGETATION SAMPLING

1. Obtain radiation levels at one centimeter and one meter from the surface.
2. When obtaining samples, consider the following:
 - a. Sample tree leaves from the outer-most part of small trees.

NOTE: Deposition is NOT representative on leafy areas under taller trees or bushes.
 - b. Select broadleaf vegetation from open areas.
 - c. Use large leafy vegetation which are considered edible, if possible. However, other types of leafy vegetation are acceptable.

NOTE: When collecting samples, consider cutting and collecting only the edible portion of the vegetation.
 - d. Ground deposition sampling may be necessary in conjunction with vegetation sampling.
3. Obtain a 2 Kg sample (4.4 lbs.).
4. Record data on Emergency Environmental Sample Data Sheet Refined Contamination Surveys (Attachment 2):

ATTACHMENT 11: SURFACE WATER SAMPLING

1. Receive direction from the ESSTC.
2. Measure the radiation levels at one centimeter and one meter above the surface of the water. These measurements are only required once before sampling.
3. Obtain approximately two gallons of water from the surface.
4. Record the radiation levels and sample volume on the Emergency Environmental Sample Data Sheet Refined Contamination Surveys (Attachment 2). Indicate the sample type in the "Comment" Section and whether the sample is still water (for example, a pond) or running water (for example, a stream).

ATTACHMENT 12: ESTIMATION OF TOTAL POPULATION DOSE

- NOTES:**
1. This procedure results in an estimation of total population dose to the public. As additional data becomes available (such as Aerial Measurement System, State or Federal survey team results) this estimation may be refined.
 2. This procedure should only be implemented once any abnormal radiological releases have stopped.
 3. Estimation of Total Population Dose may be accomplished by using EDAMS or TLDs. It is NOT necessary to execute both 1.0 and 2.0.

1.0 Estimation of Total Population Dose (TPD) using EDAMS

1.1 The ODAM should:

- a. Verify that the Chronological Release Rate Log is completed in accordance with EPIP-EPP-08.
- b. Initiate the EDAMS program in accordance with EPIP-EPP-08.
- c. Utilizing the instructions for EDAMS use in EPIP-EPP-08, enter the following:
 - affected unit
 - accident scenario definition as requested by EDAMS
 - for each 15 minute step, beginning at the time release above technical specifications began, until cessation of such releases:
 - source term for all pathways
 - meteorological data
- d. When all data has been entered, go to "Report Options Menu" and request "Print Complete Dose/Dose Rate Report".
- e. Utilizing the above report, go to "Survey Points: Dose Rates and Accumulated Doses. The "TEDE" column provides dose to the population of each ERPA.
- f. Provide this information to the ED/RM

ATTACHMENT 12 (Cont)

2.0 Estimation of Total Population Dose using Environmental TLDs

NOTE: This method provides doses that are exclusive of internal dose.

2.1 The ESSTC should:

- a. Collect environmental TLDs in accordance with S-ENVSP-4.1.
- b. Obtain a map of the 10 mile Emergency Planning Zone (EPZ).
- c. Enter the result of each TLD (mR) on the map.
- d. Plot isodose contours on the map.
- e. Provide the results to the ODAM.

3.0 The ODAM should provide all results of TPD to the ED/RM.

4.0 The ED/RM should share all TPD results with the State and County.

NINE MILE POINT NUCLEAR STATION
EMERGENCY PLAN IMPLEMENTING PROCEDURE

EPIP-EPP-23

REVISION 10

EMERGENCY PERSONNEL ACTION PROCEDURES

TECHNICAL SPECIFICATION REQUIRED

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6/6/01
Date

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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. If you are an initial responder, verify your own qualifications are current and the qualifications of those secondary responders reporting to you.
9. Give/Receive complete turnover of emergency situation before being relieved or assuming ERO duties.
10. Maintain a log of activities performed for the emergency.
11. As necessary, update personnel within your area of responsibility on changing plant conditions.
12. Ensure personnel actively assigned to you are accounted for at all times.
13. 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
14. As necessary, determine need for additional equipment, supplies and/or personnel.
15. Ensure travel restrictions due to safety or radiological conditions are provided to responding personnel.
16. Inform Security Director if responding personnel do not have required identification to gain access to NMPNS.
17. 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.
18. Retain for inclusion in the Permanent Plant File all records generated as a result of an actual declared emergency.

ATTACHMENT 2: TSC MANAGER

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. Instruct TSC staff to verify qualifications are current	<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"/>
9. Should a radiological problem exist, request from the RAM the status of habitability in the TSC	<input type="checkbox"/>	<input type="checkbox"/>
10. IF: The TSC/OSC is or becomes inoperable for any reason including habitability,		
THEN: Declare the TSC/OSC inoperable,		
AND: 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"/>

Name:	Date:	Unit <input type="checkbox"/> 1 <input type="checkbox"/> 2
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- | | | <u>Complete</u> | <u>N/A</u> |
|-----|---|--------------------------|--------------------------|
| 10. | (Cont) | | |
| | 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"/> |
| | • For Unit 1:
TSC personnel stage behind control room panels
OSC personnel stage in aux control room | | |
| | • For Unit 2:
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. | Contact SSS and determine corrective actions required to mitigate the accident and convey this information to the TSC staff for action | | 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"/> |
| | b. Environmental (downwind) survey data received | <input type="checkbox"/> | <input type="checkbox"/> |
| 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) | <input type="checkbox"/> | <input type="checkbox"/> |

ATTACHMENT 2: TSC MANAGER

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

- 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

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

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

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 action in progress,
and identified or anticipated technical needs. **CONTINUOUS**
- 12. Assign a member of your staff to staff the Tech Info Line, as
the TSC Communicator. Name: _____
- 13. 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: _____
- 14. Verify the NRC Event Notification Worksheet is completed
as required per EPIP-EPP-20,. **CONTINUOUS**
- 15. Ensure shutdown margin is communicated to the Control Room
(if required)
- 16. Brief the TSC Communicator periodically on TSC activities
(e.g., engineering assessment, planned on-going activities,
onsite protective actions) **CONTINUOUS**
- (C4) 17. Ensure all relevant data received is posted on the appropriate
status board **CONTINUOUS**
- 18. Assess plant conditions against the EALs and recommend
emergency classifications to the TSCM **CONTINUOUS**
- 19. 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**
- 20. Provide the interface between the TSC Manager on technical
problems, analyses and resolutions **CONTINUOUS**
- 21. Periodically brief the TSC Manager on actions/assessments
and status/results **CONTINUOUS**
- 22. Continuously analyze plant conditions and recommend
re-prioritization of emergency response activities as
necessary **CONTINUOUS**
- 23. Assist the TSC Manager in developing termination and/or
recovery criteria per EPIP-EPP-25
- 24. Develop long term staffing plans for Technical Support as
appropriate.

ATTACHMENT 3: TECHNICAL DATA COORDINATOR

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

- 25. Recover technical data developed during the emergency for later use
- 26. Retain for inclusion in the Permanent Plant File records generated as a result of an actual declared emergency

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

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

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. Ensure coordination with the OSC Coordinator. | | CONTINUOUS |
| 3. Upon activation of the Operations Support Center ensure that the following positions are staffed: | | |
| • OSC Coordinator | <input type="checkbox"/> | <input type="checkbox"/> |
| • OSC Communicator | <input type="checkbox"/> | <input type="checkbox"/> |
| • Damage Control Team Coordinator | <input type="checkbox"/> | <input type="checkbox"/> |
| 4. Establish communications with the OSC Coordinator and keep the TSC Manager informed relative to OSC activities such as: | | |
| • Activation status | <input type="checkbox"/> | <input type="checkbox"/> |
| • Manpower status | <input type="checkbox"/> | <input type="checkbox"/> |
| • Habitability status of OSC areas | <input type="checkbox"/> | <input type="checkbox"/> |
| • Damage Control Activities | <input type="checkbox"/> | <input type="checkbox"/> |
| 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 | <input type="checkbox"/> | <input type="checkbox"/> |
| 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. | <input type="checkbox"/> | <input type="checkbox"/> |
| 10. 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 6: RADIOLOGICAL ASSESSMENT MANAGER

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

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

Name:	Date:	Unit <input type="checkbox"/> 1 <input type="checkbox"/> 2
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- | | <u>Complete</u> | <u>N/A</u> |
|---|--------------------------|--------------------------|
| 10. Designate an individual to coordinate the issuance of dosimetry to non-site personnel if and when appropriate | <input type="checkbox"/> | <input type="checkbox"/> |
| 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. | <input type="checkbox"/> | <input type="checkbox"/> |
| 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. | <input type="checkbox"/> | <input type="checkbox"/> |
| b. Determine the need for an Exclusion Area Evacuation using EPIP-EPP-15 and EPIP-EPP-05C. | <input type="checkbox"/> | <input type="checkbox"/> |
| c. Coordinate with the TSC Manager and the ED/RM the implementation of onsite protective actions. | <input type="checkbox"/> | <input type="checkbox"/> |
| 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. | <input type="checkbox"/> | <input type="checkbox"/> |
| 17. Assign priorities using Table 6.1 as a guide. | <input type="checkbox"/> | <input type="checkbox"/> |
| 18. If radiological conditions warrant, ensure a general announcement is made prohibiting smoking, eating and drinking when deemed appropriate | <input type="checkbox"/> | <input type="checkbox"/> |
| 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, | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Report to the control room of the unit declaring the event | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Continue ERO duties in accordance with applicable procedures | <input type="checkbox"/> | <input type="checkbox"/> |

ATTACHMENT 6: RADIOLOGICAL ASSESSMENT MANAGER

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

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.

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

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

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.

- | | <u>Complete</u> | <u>N/A</u> |
|--|--------------------------|-------------------------------------|
| 1. Report to the control room when notified of an emergency. | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Notify the on call Chemistry Supervisor if additional assistance is required. | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Implement dose assessment activities in accordance with EPIP-EPP-08. | <input type="checkbox"/> | <input type="checkbox"/> |
| 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. | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

ATTACHMENT 9: SECURITY LIAISON

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 in accordance with EPIP-EPP-13. | <input type="checkbox"/> | | <input type="checkbox"/> |
| 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. | <input type="checkbox"/> | | <input type="checkbox"/> |
| 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. | <input type="checkbox"/> | | <input type="checkbox"/> |
| 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. | <input type="checkbox"/> | | <input type="checkbox"/> |
| 6. Ensure that requests for access and traffic control for Off-Site Niagara Mohawk Power Corporation (NMPC) 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

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

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. Obtain information from the Control Room Communicator and keep the TDC informed of development and relevant data/information received in a timely manner. **CONTINUOUS**
5. Retain for inclusion in the Permanent Plant File records generated as a result of an actual declared emergency.

ATTACHMENT 11: NED COORDINATOR

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. Determine need for and obtain additional equipment, supplies and personnel.	<input type="checkbox"/>	<input type="checkbox"/>
2. Obtain a briefing from the TSC Manager on plant status, corrective actions in progress, and identified or anticipated problem areas.	<input type="checkbox"/>	<input type="checkbox"/>
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.	<input type="checkbox"/>	<input type="checkbox"/>
9. Collect paperwork developed during the emergency for later review and analysis.	<input type="checkbox"/>	<input type="checkbox"/>
10. 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 12: OPERATIONS SUPPORT CENTER COORDINATOR

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 OSC in accordance with EPIP-EPP-13.	<input type="checkbox"/>	<input type="checkbox"/>
2. When OSC is activated, announce: "This is _____ (your name), I am the OSC Coordinator".	<input type="checkbox"/>	<input type="checkbox"/>
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.	<input type="checkbox"/>	<input type="checkbox"/>
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.	<input type="checkbox"/>	<input type="checkbox"/>
b. Ensure radios and necessary equipment are brought to the control room	<input type="checkbox"/>	<input type="checkbox"/>
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	<input type="checkbox"/>	<input type="checkbox"/>
d. Using available communications equipment and other DCT equipment, continue ERO duties from these locations	<input type="checkbox"/>	<input type="checkbox"/>
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.	<input type="checkbox"/>	<input type="checkbox"/>

ATTACHMENT 12: OPERATIONS SUPPORT CENTER COORDINATOR

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. Instruct OSC staff to verify the qualification of all ERO members being used for the emergency

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**
 - 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
 - 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.

ATTACHMENT 12: OPERATIONS SUPPORT CENTER COORDINATOR

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

14. (Cont)

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

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 | <input type="checkbox"/> | <input type="checkbox"/> |
| 6. | Remind OSC Coordinator to conduct OSC briefings to ensure OSC staff is kept up to date | <input type="checkbox"/> | <input type="checkbox"/> |
| 7. | Answer phones as necessary to assist OSC staff | <input type="checkbox"/> | <input type="checkbox"/> |
| 8. | Assist in OSC operations as directed by OSC Coordinator | <input type="checkbox"/> | <input type="checkbox"/> |
| 9. | 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 14: PERSONNEL ACCOUNTABILITY COORDINATOR

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. | □ | □ |
| | 2. Carry out actions required in accordance with EPIP-EPP-05D | □ | □ |
| | 3. Establish contact with Security Liaison located in TSC to coordinate the computerized accountability process as necessary. | □ | □ |
| (C2) | 4. Keep the Security Liaison in TSC and the OSC Coordinator informed of accountability activities, including the status of finding missing people. | □ | □ |
| | 5. Coordinate with the OSC Coordinator and implement search and rescue actions of EPIP-EPP-03 as necessary. | □ | □ |
| | 6. Retain for inclusion in the Permanent Plant File records generated as a result of an actual declared emergency. | □ | □ |

ATTACHMENT 15: RADIATION PROTECTION TEAM COORDINATOR

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 OSC in accordance with EPIP-EPP-13 as necessary. | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Contact Radiological Assessment Manager or the Rad Support Staff in the Technical Support Center (TSC) and receive briefing and instructions. | <input type="checkbox"/> | <input type="checkbox"/> |
| 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 | <input type="checkbox"/> | <input type="checkbox"/> |
| b. Are ERO qualified (use Training Due Report and Qualification List) | <input type="checkbox"/> | <input type="checkbox"/> |
| c. Are Respiratory qualified as necessary (use RSR) | <input type="checkbox"/> | <input type="checkbox"/> |
| d. Have dose deltas sufficient to respond as required (use REM report) | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 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) | <input type="checkbox"/> | <input type="checkbox"/> |
| b. Provide briefing in accordance with EPIP-EPP-07 | <input type="checkbox"/> | <input type="checkbox"/> |
| c. Dispatch team | <input type="checkbox"/> | <input type="checkbox"/> |

ATTACHMENT 15: RADIATION PROTECTION TEAM COORDINATOR

Name:	Date:	Unit <input type="checkbox"/> 1 <input type="checkbox"/> 2
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- | | <u>Complete</u> | <u>N/A</u> |
|--|--------------------------|--------------------------|
| 7. Advise OSC Coordinator when downwind teams have been dispatched | <input type="checkbox"/> | <input type="checkbox"/> |
| 8. Advise the ESSTC (in the EOF) that downwind teams have been dispatched | <input type="checkbox"/> | <input type="checkbox"/> |
| 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) | <input type="checkbox"/> | <input type="checkbox"/> |
| b. Provide radiological controls for other entrances to the OSC area as necessary | <input type="checkbox"/> | <input type="checkbox"/> |
| c. Inform the OSC Coordinator when and where these areas are established. | <input type="checkbox"/> | <input type="checkbox"/> |
| (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 | <input type="checkbox"/> | <input type="checkbox"/> |
| 12. Retain for inclusion in the Permanent Plant File records generated as a result of an actual declared emergency. | <input type="checkbox"/> | <input type="checkbox"/> |

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

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 OSC in accordance with EPIP-EPP-13 as needed. | <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. 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). | <input type="checkbox"/> | <input type="checkbox"/> |
| 5. Contact Maintenance Coordinator in TSC for briefing and any instructions. | <input type="checkbox"/> | <input type="checkbox"/> |
| 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. | <input type="checkbox"/> | <input type="checkbox"/> |
| 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. | <input type="checkbox"/> | <input type="checkbox"/> |

ATTACHMENT 17: STOC SECURITY COORDINATOR

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

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 Niagara Mohawk'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

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**

<u>Local Area Evac.</u>		<u>Protected Area Evac.</u>		<u>Exclusion Area Evac.</u>		<u>Accountability</u>	
<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 NMPNS 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

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

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 NMPC 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

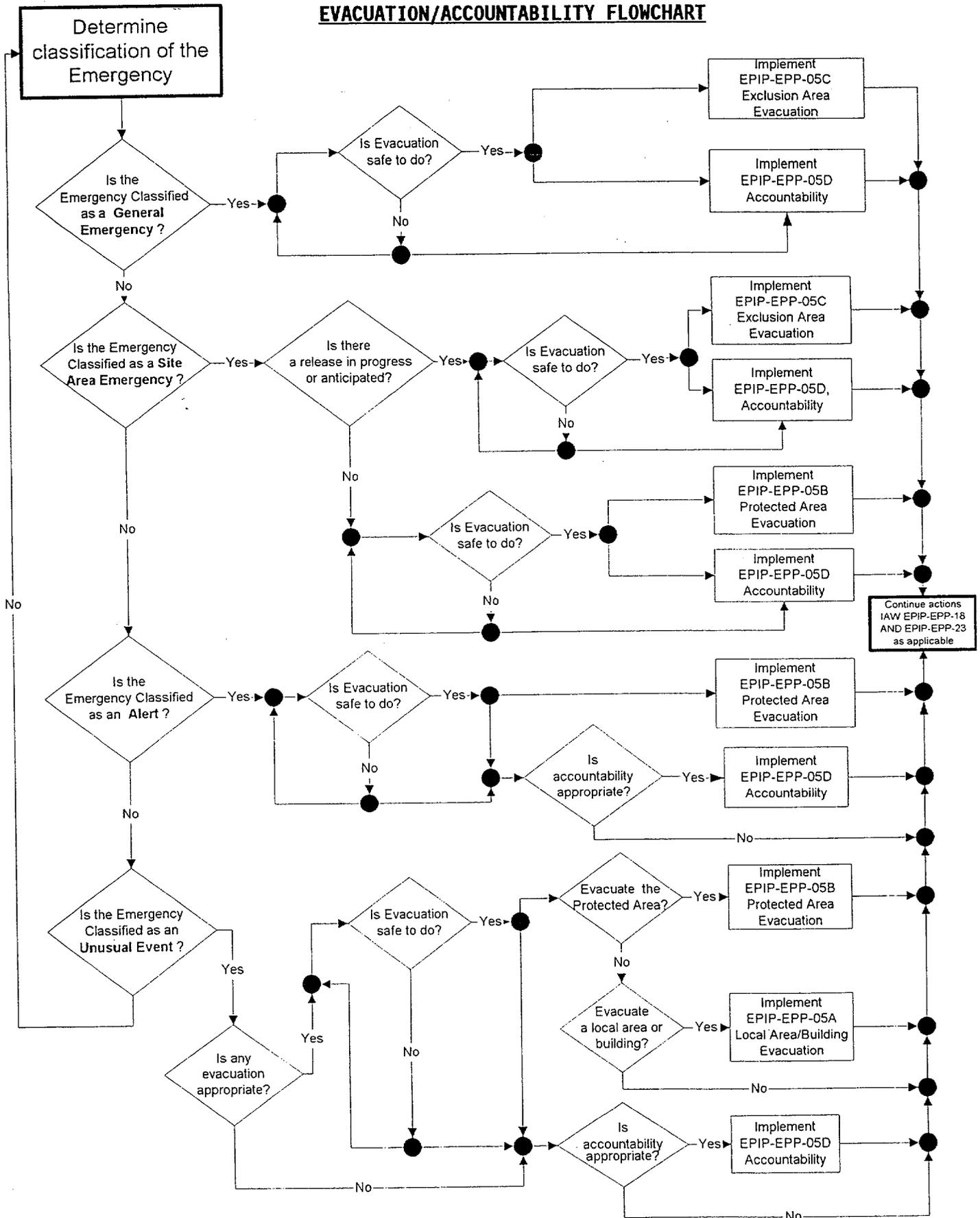
NOTE: This guideline refers to NRC, County or State (hereafter referred to as NRC/Offsite) emergency response personnel.

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.

EVACUATION/ACCOUNTABILITY FLOWCHART



ATTACHMENT 19: TECHNICAL LIAISON ADVISORY MANAGER

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 per EPIP-EPP-13 as needed. | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Obtain initial briefing from the NED Coordinator | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Notify the appropriate corporate officer of the event at NMPNS | <input type="checkbox"/> | <input type="checkbox"/> |
| 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. | <input type="checkbox"/> | <input type="checkbox"/> |

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. | <input type="checkbox"/> | <input type="checkbox"/> |
| 6. Inform the Communications Coordinator in the EOF that you have taken over the notifications to ANI. | <input type="checkbox"/> | <input type="checkbox"/> |
| 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. | <input type="checkbox"/> | <input type="checkbox"/> |
| 9. Contact a representative of the Quality Assurance Department and advise the individual contacted of the emergency situation. | <input type="checkbox"/> | <input type="checkbox"/> |
| 10. When contacted by the INPO Liaison, make arrangements for entry into the EOF. | <input type="checkbox"/> | <input type="checkbox"/> |
| 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 |

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.

ATTACHMENT 20: ADMINISTRATIVE/LOGISTICS MANAGER

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. Ensure that all ERO members Qualification status reporting to the EOF is current, inform the ED/RM | <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: | | |
| • NMPNS Admin. Support/Services Name: _____ # _____ | <input type="checkbox"/> | <input type="checkbox"/> |
| • NMPC Purchasing Name: _____ # _____ | <input type="checkbox"/> | <input type="checkbox"/> |
| • NMPC Transportation Name: _____ # _____ | <input type="checkbox"/> | <input type="checkbox"/> |
| • NMPC Treasury Name: _____ # _____ | <input type="checkbox"/> | <input type="checkbox"/> |
| • NMPC Materials Management Name: _____ # _____ | <input type="checkbox"/> | <input type="checkbox"/> |
| • NMPC 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.

8. Instruct EOF staff to verify the qualification status of all ERO members being utilized for the emergency.

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

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

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.

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

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)

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
1-800-626-4329 (pin #1209)

North Country Helicopter
Airport Drive Box #3
Dexter, NY 13634
1-315-639-4950

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

ATTACHMENT 22: EOF ADMINISTRATOR

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. 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

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 |

ATTACHMENT 23: OFF-SITE DOSE ASSESSMENT MANAGER

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

11. 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. . .

12. 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**

13. Maintain hard copies of status board updates, dose calculations, meteorological data and downwind survey team results for later review and analysis. **CONTINUOUS**

14. 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

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. Notify appropriate personnel within your department of the situation at NMPNS and any actions to be taken. (Use PACC On-Call schedule). | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Inform customer service of the event and have calls directed to PACC | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Report to the Joint News Center (JNC) when notified | <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. Activate the JNC in accordance with EPIP-EPP-27 | <input type="checkbox"/> | <input type="checkbox"/> |
| 6. Instruct the JNC Administrative Manager to verify the qualifications of all ERO members used for the emergency. | <input type="checkbox"/> | <input type="checkbox"/> |
| 7. Contact the SSS/ED and receive a briefing on initial event conditions. | <input type="checkbox"/> | <input type="checkbox"/> |
| 8. Establish and maintain communications with the Vice President PACC Department and keep him 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

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

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

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

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

ATTACHMENT 27: CONTROL ROOM COMMUNICATOR

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 the EOF at 593-5920 approximately 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

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 | . | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. | Verify operability of | | | |
| | a. EDAMS computer(s) | | <input type="checkbox"/> | <input type="checkbox"/> |
| | b. Commercial telephone | | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. | Obtain current copy of EPIP-EPP-08 | | <input type="checkbox"/> | <input type="checkbox"/> |
| 4. | Obtain briefing from ODAM regarding plant and radiological conditions and position expectations | | <input type="checkbox"/> | <input type="checkbox"/> |
| 5. | Contact the affected Unit Chemistry Technician/Dose Assessment Advisor regarding: | | | |
| | • status of any radiological releases | | <input type="checkbox"/> | <input type="checkbox"/> |
| | • dose assessment efforts to date | | <input type="checkbox"/> | <input type="checkbox"/> |
| | • impending/actual Protection Action Recommendations (PAR) | | <input type="checkbox"/> | <input type="checkbox"/> |
| 6. | Complete activities in accordance with EPIP-EPP-08, as directed by the ODAM | | <input type="checkbox"/> | <input type="checkbox"/> |
| 7. | When dose calculations have been performed, verify accuracy of calculations via use of a checker | | <input type="checkbox"/> | <input type="checkbox"/> |
| 8. | If time permits, perform postulated dose calculations using current meteorological conditions, a LOCA accident and a 1 Ci/sec release rate | | <input type="checkbox"/> | <input type="checkbox"/> |
| 9. | If sufficient personnel exist, utilize one EDAMS computer for postulated dose assessments, and one EDAMS computer to track actual releases | | <input type="checkbox"/> | <input type="checkbox"/> |
| 10. | 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 29: EOF RADIATION PROTECTION TECHNICIAN

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

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

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

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

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 in 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

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

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

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

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)

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):
 - 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

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 the Nuclear Engineering Design (NED) Coordinator to indicate you are present and are available for assignment	<input type="checkbox"/>	<input type="checkbox"/>
2. If you are assigned Emergency Operating Procedure (EOP) or Severe Accident Management (SAM) duties, use EPIP-EPP-31 as guidance	<input type="checkbox"/>	<input type="checkbox"/>
3. Coordinate with the Reactor Analyst, as appropriate, to validate fuel failure and/or shutdown margin calculations	<input type="checkbox"/>	<input type="checkbox"/>
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	<input type="checkbox"/>	<input type="checkbox"/>
a. Save all paperwork generated and ensure it is given to EP at event termination	<input type="checkbox"/>	<input type="checkbox"/>

ATTACHMENT 37: ELECTRICAL/MECHANICAL ENGINEER

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

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

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

- 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. | Strive to keep status boards updated approximately every 30 minutes and be sure to communicate trends as appropriate to TDC and TSCM | CONTINUOUS | |
| 7. | At the end of the event be sure everything is turned off and returned to normal as appropriate | □ | □ |
| 8. | If you are assigned Emergency Operating Procedure (EOP) or Severe Accident Management (SAM) duties, use EPIP-EPP-31 as guidance | □ | □ |
| | NOTE: Recommend EOP/SAP person be on same line as TSC Communicator. | | |
| 9. | Routinely keep the TDC, and anyone else you are assigned to assist, informed of your activities, progress and status | CONTINUOUS | |
| 10. | 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

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

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. IF this is a Unit 2 event, THEN activate the U-2 ERDS per Attachment § 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 TSC	□	□
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 §, "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. If the link is lost, restart per EPIP-EPP-20, Attachment §		CONTINUOUS
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-27

REVISION 07

EMERGENCY PUBLIC INFORMATION PROCEDURE

TECHNICAL SPECIFICATION REQUIRED

Approved by:
L. E. Pisano



Manager - Nuclear Training

5/29/01
Date

Effective Date: 06/05/2001

PERIODIC REVIEW DUE DATE FEBRUARY 2002

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1.0 PURPOSE

To provide guidance to personnel on the development and dissemination of public information during declared emergencies at the Nine Mile Point Nuclear Station.

NOTE: The Joint News Center (JNC) Director may, at their own discretion, direct the use of other procedures or forms and/or may deviate from this procedure as necessary to ensure fulfillment of the mission of the JNC.

2.0 RESPONSIBILITIES

2.1 Joint News Center (JNC) Director

2.1.1 Maintains overall command and control of Joint News Center operations, including media response and rumor control functions.

2.1.2 Designates qualified assistant JNC Director.

2.1.3 Performs actions in accordance with EPIP-EPP-23.

2.2 Director of Emergency Preparedness

Ensures the JNC facilities, procedures and staff are maintained in accordance with the Site Emergency Plan.

2.3 Nuclear Communications and Public Affairs (NUCAPA) Staff

Maintains responsibility for all notifications to the news media in the event of a declared emergency.

2.4 Public Affairs and Corporate Communications (PACC)

Assists NUCAPA in the public information function during a declared emergency, drill or exercise.

2.5 JNC Administrative Manager

Directs all clerical/administrative/security support activities and functions at the Joint News Center (JNC) to include:

2.5.1 Opening/activating the JNC building when notified

2.5.2 Verifying and reporting JNC operational readiness to the JNC Director

2.5.3 Supervising all support activities and functions at the JNC

2.6 JNC Technical Briefer

Supports the JNC Director by providing detailed technical information at pre-briefings to include:

- 2.6.1 Providing technically accurate information on the incident and plant operations for use by NUCAPA personnel during media briefings.
- 2.6.2 Participating in preparations for news briefings
- 2.6.3 Review of news release information for technical accuracy.

2.7 JNC Radiological Briefer

Supports the JNC Director by providing detailed information at pre-briefings to include:

- 2.7.1 Providing technically accurate information associated with the radiological aspects on the incident and plant operations for use by NUCAPA personnel during media briefings.
- 2.7.2 Participating in preparations for news briefings
- 2.7.3 Review of news release information for accuracy associated with the radiological aspects of the incident.

2.8 JNC Writer

Prepares written material including news releases, briefing summaries and other materials as directed by the JNC Director.

2.9 JNC Rumor Control Coordinator

Coordinates the efforts of rumor control, media inquiry and media monitoring to ensure rumors are addressed and questions from both the media and general public are accurately answered.

3.0 PROCEDURE

3.1 Initial Actions (prior to JNC activation)

- 3.1.1 The Director NUCAPA, or designee will be notified of a declared emergency by normal ERO notification methods (pager, telephone call).
- 3.1.2 The Director NUCAPA, or designee should perform the following:
 - a. Develop a press release appropriate to the event. See Attachment 2 Figures 1 through 4 for sample of a press release.

3.1.2 (Cont)

- b. Obtain approval (verbal OR written) of the press release contents from the SSS/ED.
- c. Relay the press release to the PACC on-call representative for transmission to the media.
- d. If appropriate, inform PACC on-call representative that they will be responsible for all news media inquiries until the JNC is declared operational.
- e. Inform NMPC Customer Service representatives of the emergency and instruct them to direct all media inquires to PACC.
- f. Periodically obtain updated information from the SSS/ED and make press releases in accordance with Steps 3.1.2.a-d.
- g. If the event is terminated, then perform appropriate notifications in accordance with Steps 3.1.2.a-d.
- h. If appropriate, provide information to local and state officials.
- i. When the EOF is activated, then obtain approval of all press releases from the Emergency Director/Recovery Manager (ED/RM)in the EOF.

3.2 JNC Activation

- 3.2.1 The JNC shall be activated upon declaration of an Alert emergency classification or higher, or any event expected to attract significant media attention.
- 3.2.2 If the JNC is being activated for causes other than a declared emergency, the JNC Director should ensure each unit SSS is notified.
- 3.2.3 The JNC Director should travel to and ensure that the JNC commences activation in accordance with Attachment 1.

3.2.4 The JNC Director should verify the JNC is staffed with the following positions:

*JNC Director

*Rumor Control/Media Inquiry Staff (2)

*Media Monitoring Staff (2)

*Clerical staff (2)(assigned by EOF Administrative Logistics Manager)

Rad Briefer

Technical Briefer

Rumor Control Coordinator (assigned from the rumor control or media monitoring staff)

JNC Administrative Manager

JNC Writer

Security (2)

(* positions are required in order to declare the JNC operational)

3.3 JNC Operation

3.3.1 JNC Director should ensure press releases are developed in accordance with Attachment 2, "Press Release Checklist". See Attachment 2, Figures 1 through 4 for sample press release.

3.3.2 The JNC Technical Briefer should perform actions in accordance with Attachment 4, JNC Technical Briefer Checklist.

3.3.3 The JNC Radiological Briefer should perform actions in accordance with Attachment 5, JNC Radiological Briefer Checklist.

3.3.4 The JNC Director shall:

a. Assign a rumor control/media response person to perform the duties of the Rumor Control Coordinator

b. Direct that person to perform actions in accordance with Attachment 6, Rumor Control Coordinator Checklist.

3.3.5 Rumor Control Staff shall complete actions in Attachment 8.

3.3.6 Media Response Staff shall complete actions in Attachment 7.

3.3.7 JNC Administrative Manager shall complete actions in Attachment 3.

3.3.8 JNC Media Monitoring shall complete actions in Attachment 9.

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

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

5.4 Policies, Programs, and Procedures

None

5.5 Commitments

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

None

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 if records are generated during an actual emergency.

Attachment 1, JNC Activation Checklist
Attachment 2, Press Release Checklist
Attachment 3, JNC Administrative Manager Checklist
Attachment 3, Figure 1, JNC Registration Checklist
Attachment 4, JNC Technical Briefer Checklist
Attachment 5, JNC Radiological Briefer Checklist
Attachment 6, JNC Rumor Control Coordinator Checklist
Attachment 7, Media Response Checklist
Attachment 8, Rumor Control Checklist
Attachment 9, Media Monitoring Checklist
Attachment 10, Rumor Control Media Response Inquiry and Off Air Monitor Form
Attachment 11, JNC Audio Visual Checklist
Attachment 12, JNC Staff Sign-In
Attachment 13, JNC Shutdown Checklist
Attachment 15, JNC Security Officer Checklist

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

NOTE: This section only applies if records are generated for any reason other than an actual emergency.

Attachment 1, JNC Activation Checklist
Attachment 2, Press Release Checklist
Attachment 3, JNC Administrative Manager Checklist
Attachment 3, Figure 1, JNC Registration Checklist
Attachment 4, JNC Technical Briefer Checklist
Attachment 5, JNC Radiological Briefer Checklist
Attachment 6, JNC Rumor Control Coordinator Checklist
Attachment 6, Figure 1, Rumor Control Log
Attachment 7, Media Response Checklist
Attachment 8, Rumor Control Checklist
Attachment 9, Media Monitoring Checklist
Attachment 10, Rumor Control Media Response Inquiry and Off Air Monitor Form
Attachment 11, JNC Audio Visual Checklist
Attachment 12, JNC Staff Sign-In
Attachment 13, JNC Shutdown Checklist
Attachment 15, JNC Security Officer Checklist

ATTACHMENT 1: JNC ACTIVATION CHECKLIST

NAME:	DATE:
-------	-------

- NOTE:**
1. The first qualified JNC Director, JNC Administrative Manager or their designee to arrive at the JNC should initiate the actions required by this checklist.
 2. If there is a power failure at the JNC, report it to the Central Regional Control Center (CRCC) in accordance with step 10 of this check list.

Complete NA

1. Verify the following staff are available and have signed in on the JNC Staffing sign-in sheet:
 (* indicates position required for JNC to be declared operational)

a. *JNC Director	<input type="checkbox"/>	<input type="checkbox"/>
b. *Rumor Control/Media Inquiry Staff (2)	<input type="checkbox"/>	<input type="checkbox"/>
c. *Media Monitoring Staff (2)	<input type="checkbox"/>	<input type="checkbox"/>
d. *Clerical Staff (2)	<input type="checkbox"/>	<input type="checkbox"/>
e. Rad Briefer	<input type="checkbox"/>	<input type="checkbox"/>
f. Technical Briefer	<input type="checkbox"/>	<input type="checkbox"/>
g. Rumor Control/Media Response Coordinator	<input type="checkbox"/>	<input type="checkbox"/>
h. JNC Administrative Manager	<input type="checkbox"/>	<input type="checkbox"/>
i. JNC Writer	<input type="checkbox"/>	<input type="checkbox"/>
j. Security (2)	<input type="checkbox"/>	<input type="checkbox"/>

2. Perform or direct the performance of steps 1 through 7 in Attachment 11,
 JNC Audio Visual Checklist

3. In media monitoring room:

a. Turn on all TVs and VCRs	<input type="checkbox"/>	<input type="checkbox"/>
b. Verify the VCRs are monitoring TV stations as labeled	<input type="checkbox"/>	<input type="checkbox"/>
c. Start up the NMP computer	<input type="checkbox"/>	<input type="checkbox"/>

ATTACHMENT 1 (Cont)

NAME:	DATE:
-------	-------

Complete NA

- 4. In the copier room, turn on or verify power on to all fax machines and copiers
- 5. When the JNC Technical Briefer arrives direct them to synchronize clocks throughout the JNC with the control room via the Tech Info line
- 6. In the electrical/mechanical rooms verify water supplies are available and full. If not call for service per instructions on tanks

NOTE: DO NOT UNLOCK THE JNC DOORS UNTIL JNC SECURITY IS ASSURED.

- 7. Verify main door is unlocked and other doors are locked and remain locked
 - a. Ensure pre-briefing areas are provided with security personnel to ensure privacy of pre-briefing sessions.
- 8. In all rooms, power up or verify all computers, printers and other equipment is powered up as required

NAME:	DATE:
-------	-------

Complete NA

9. In the Main Briefing room:

- a. Turn on rear projection screen video projector by pushing the PJ button and then the "power on" push-button on the remote control for the video projector (verify by ensuring a picture is displayed on the rear projection screen, this may take several seconds for the projector to warm up and light).
- b. Turn on the computer located on the stage and log in using your own ID and password
- c. Select the computer display by pressing the "S" (source) button on the video projector remote control until the computer display is presented
- e. Using the computer mouse, double click on:
 - My Computer
 - common on nmcom2'(S:)
 - Emergency Prep
 - JNC Presentations
 - The appropriate icon for the unit (Unit 1 or Unit 2) having the emergency
 - Verify the program cycles through the power point presentation

10. IF the JNC experiences a loss of power,
 THEN call the CRCC Shift Supervisor at 460-2421

a. Identify who you are, why you are calling, and provide the following information:

1. State the facility status, i.e. unoccupied, drill, exercise actual event, etc.

2. State the location of the facility as:

"This is the 9 Mile Point Emergency Media Center located on Route 176 (Whitaker Road) Fulton. We are supplied by the Whitaker Rd. feeder number 29652. Our service pole is 55-1 and we are located adjacent to the Airport and the Nuclear Emergency Center."

ATTACHMENT 2: PRESS RELEASE CHECKLIST

NAME:	DATE:
-------	-------

- NOTES:**
1. Complete a new checklist for each press release.
 2. Templates for press releases, (Figures 1 through 4) can be found at the following computer address: S:/Emergency Prep/JNC Presentations

	<u>Complete</u>	<u>NA</u>
1. Ensure that all press releases contain the following information (if appropriate) See figures 1 through 4 for format:		
a. Basic information about the plant	<input type="checkbox"/>	<input type="checkbox"/>
b. Concisely describes the event and states whether the event is:		
i. Nuclear related	<input type="checkbox"/>	<input type="checkbox"/>
ii. Safety related	<input type="checkbox"/>	<input type="checkbox"/>
iii. Of radiological significance	<input type="checkbox"/>	<input type="checkbox"/>
c. When the incident took place and, if possible, how long the situation is expected to last	<input type="checkbox"/>	<input type="checkbox"/>
d. Identifies information contacts at NMPNS and, if necessary, emergency response agencies	<input type="checkbox"/>	<input type="checkbox"/>
e. The Inquiry Response telephone numbers, if appropriate	<input type="checkbox"/>	<input type="checkbox"/>
f. The location of the Joint News Center, with travel instructions	<input type="checkbox"/>	<input type="checkbox"/>
g. The current status of the plant	<input type="checkbox"/>	<input type="checkbox"/>
2. Prior to transmitting the press release, ensure the press release is:		
a. Reviewed by the JNC Director	<input type="checkbox"/>	<input type="checkbox"/>
b. Reviewed by the Technical Briefer (if appropriate)	<input type="checkbox"/>	<input type="checkbox"/>
c. Reviewed by the Radiological Briefer (if appropriate)	<input type="checkbox"/>	<input type="checkbox"/>
d. Reviewed and approved by the SSS/ED (prior to EOF activation), or the ED/RM (after EOF activation)	<input type="checkbox"/>	<input type="checkbox"/>
e. Dated and initialed by the ED	<input type="checkbox"/>	<input type="checkbox"/>
3. As necessary and if available, a representative of the Legal Department should review the press release	<input type="checkbox"/>	<input type="checkbox"/>
4. Correct any inaccurate information in a subsequent press release and in a press conference	<input type="checkbox"/>	<input type="checkbox"/>
5. Forward to all affected agencies (State, County, and Utilities) in a timely manner	<input type="checkbox"/>	<input type="checkbox"/>

Figure 1: Unusual Event (Sample Press Release)

Joint News Center
Phone: 315-592-3740
Fax: 315-592-3850

News Release

For release _____ EDT, Date: _____

“UNUSUAL EVENT” DECLARED AT NINE MILE POINT UNIT _____

SCRIBA An “Unusual Event” was declared at _____ am/pm today by officials at Nine Mile Point Unit _____ when a _____
_____. The plant is being shutdown officials said.

The “Unusual Event” is the least serious of four emergency classifications defined by the federal Nuclear Regulatory Commission. In order of increasing seriousness, the classifications are: Unusual Event, Alert, Site Area Emergency, General Emergency.

There is no release of radiation into the atmosphere, and there are no injuries.

All appropriate local, state and federal agencies have been notified of the plant's status.

Nine Mile Point Unit _____ is an _____ megawatt boiling water reactor, owned and operated by _____.

Figure 2: Alert (Sample Press Release)

Joint News Center
Phone: 315-592-3740
Fax:315-592-3850

News Release

For release _____ EDT, Date: _____

"ALERT" DECLARED AT NINE MILE POINT UNIT _____

SCRIBA An "Alert" was declared at _____ am/pm today by officials at Nine Mile Point Unit _____ when a _____. The plant is being shutdown officials said.

The "Alert" is second most significant of four emergency classifications defined by the federal Nuclear Regulatory Commission. In order of increasing seriousness, the classifications are: Unusual Event, Alert, Site Area Emergency, General Emergency.

There is no release of radiation into the atmosphere, and there are no injuries.

All appropriate local, state and federal agencies have been notified of the plant's status.

Nine Mile Point Unit _____ is an _____ megawatt boiling water reactor, owned and operated by _____.

Figure 3: Site Area Emergency (Sample Press Release)

Joint News Center
Phone: 315-592-3740
Fax: 315-592-3850

News Release

For release _____ EDT, Date: _____

"SITE AREA EMERGENCY" DECLARED AT NINE MILE POINT UNIT _____

SCRIBA A "Site Area Emergency" was declared at _____ am/pm today by officials at Nine Mile Point Unit _____ when a _____
_____. The plant is being shutdown officials said.

The "Site Area Emergency" is the third most serious of four emergency classifications defined by the federal Nuclear Regulatory Commission. In order of increasing seriousness, the classifications are: Unusual Event, Alert, Site Area Emergency, General Emergency.

There is no release of radiation into the atmosphere, and there are no injuries.

All appropriate local, state and federal agencies have been notified of the plant's status.

Nine Mile Point Unit _____ is an _____ megawatt boiling water reactor, owned and operated by _____.

Figure 4: General Emergency (Sample Press Release)

Joint News Center
Phone: 315-592-3740
Fax: 315-592-3850

News Release

For release _____ EDT, Date: _____

"GENERAL EMERGENCY" DECLARED AT NINE MILE POINT UNIT _____

SCRIBA A "General Emergency" was declared at _____ am/pm today by officials at Nine Mile Point Unit _____ when a _____
_____. The plant is being shutdown officials said.

The "General Emergency" is the most serious of four emergency classifications defined by the federal Nuclear Regulatory Commission. In order of increasing seriousness, the classifications are: Unusual Event, Alert, Site Area Emergency, General Emergency.

There is no release of radiation into the atmosphere, and there are no injuries.

All appropriate local, state and federal agencies have been notified of the plant's status.

Nine Mile Point Unit _____ is an _____ megawatt boiling water reactor, owned and operated by _____.

ATTACHMENT 3: JNC ADMINISTRATIVE MANAGER CHECKLIST

NAME:	DATE:
-------	-------

- | | <u>Complete</u> | <u>NA</u> |
|---|--------------------------|--------------------------|
| 1. Upon notification of JNC activation, proceed to JNC and activate the JNC in accordance with Attachment 1, JNC Activation Checklist..... | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Pickup cordless telephone (ext. 3715) in the NMP/JAFNPP room and keep it with you at all times to allow for personnel to contact you as needed while in the JNC..... | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Assign first available JNC clerical staff to registration and direct them to perform actions in accordance with Attachment 3 Figure 1, JNC Registration Checklist..... | <input type="checkbox"/> | <input type="checkbox"/> |
| 4. Verify the staffing chart (located on north wall of conference area) is filled out as staff members arrive and assume their positions in the JNC | <input type="checkbox"/> | <input type="checkbox"/> |
| 5. Using the JNC staffing sign in log (Attachment 12) as verification, inform and update the JNC Director (ext. 3712) as staffing of the JNC continues..... | <input type="checkbox"/> | <input type="checkbox"/> |
| 6. When time permits, verify qualification status of all responders using the ERO Training Due Report and Qualification List located in the NMP/JAFNPP room | <input type="checkbox"/> | <input type="checkbox"/> |
| 7. Supervise and manage the following activities/functions: | | |
| a. Registration (Attachment 3, Fig 1)..... | | CONTINUOUS |
| b. Clerical services including fax, telephone, copy and poster enlargement functions | | CONTINUOUS |
| c. Security needs (Attachment 15) | | CONTINUOUS |
| d. Maintenance of JNC including: | | |
| • Equipment setup..... | | CONTINUOUS |
| • Distribution and posting of news releases and briefing summaries in all areas of the JNC..... | | CONTINUOUS |
| • Post sufficient copies of all press releases and briefing summaries in the bins located in the main briefing area for number of personnel present. ... | | CONTINUOUS |
| e. Videotape and photo services, including off-air monitoring..... | <input type="checkbox"/> | <input type="checkbox"/> |

ATTACHMENT 3 (Cont)

NAME:	DATE:
-------	-------

Complete NA

7. (Cont)

- f. Coordinate needed auxiliary services (as necessary) with the Admin. Logistics Manager in the EOF to include:.....
- Catering
 - Messenger services
 - Additional stenographic/typing
 - Transportation
 - Lodging
 - Laundry services
 - Additional equipment

8. In conjunction with JNC Director develop 1st and 2nd shift staff assignment schedules, using duty rosters and qualification lists and report these to the TSC Tech Data Coordinator (Phone # 349-1355).....

9. Upon termination of the event and termination of required activities at the JNC, perform the following:
- a. Collect registration logs and ensure all badges are returned and accounted for
 - b. Turn over any documentary logs and related materials to JNC Director
 - c. Identify any adverse conditions or supply needs
 - d. Perform an inventory of the JNC using JNC Inventory Form from EPMP-EPP-02, and correct discrepancies in accordance with EPMP-EPP-02
 - e. Perform JNC shutdown checklist(Attachment 13).....
 - f. Report completion of termination activities to JNC Director

ATTACHMENT 3 (Cont)

Figure 1: JNC Registration Checklist

NAME:	DATE:
-------	-------

Complete NA

1. Start-up

a. Set out individual registration sheets and badges with holders for:

- observers and visitors - blue
- media representatives - pink
- JNC staff (including state/county/federal officials) - yellow

b. Ensure NMPNS media kit and JNC information sheet are available for use by media

c. Report readiness to JNC Administrative Manager (Ext. 3715)

2. Operation

NOTE: Prior to permitting any visitors or media personnel to enter the JNC, ensure that security personnel are in the JNC.

a. Request identification from every individual entering the JNC CONTINUOUS

b. Determine and provide badge color for each individual entering the JNC CONTINUOUS

c. Ensure Utility, County, State and Federal employees have picture identification either issued by a county or state disaster preparedness office, or from a federal agency (yellow badge)..... CONTINUOUS

d. If a question arises regarding authorization of an individual, contact the JNC Director (ext. 3712) CONTINUOUS

ATTACHMENT 3 (Cont)

Figure 1 (Cont)

NAME:	DATE:
-------	-------

Complete NA

2. (Cont)

- f. Issue each person a color-coded badge and holder filled in with his or her name, and affiliation:
 - Blue - observers and visitors CONTINUOUS
 - Pink - media: a separate log (pink) should be kept for print, radio and television media CONTINUOUS
 - Yellow - all JNC staff CONTINUOUS
- g. Record badge number on appropriate color-coded log sheet CONTINUOUS
- h. Offer each media representative and visitor a press kit. Point out the media press telephones room and briefing area CONTINUOUS
- i. Ensure people leaving the JNC return their badges and check the returned column on the respective log CONTINUOUS

3. Close down

- a. Return unused registration materials to the proper place on the shelves or file cabinets behind registration desk
- b. Separate returned badges and then return holders to inventory
- c. File pre-made badges, and destroy and dispose of used badges
- d. Perform an inventory of registration supplies and report needs to the JNC Administrative Manager
- e. Turn over registration logs to the JNC Administrative Manager and report registration closure complete

ATTACHMENT 4: JNC TECHNICAL BRIEFER CHECKLIST

NAME:	DATE:
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Complete NA

1. Obtain information on plant status and events via the Tech Information Line Headset **CONTINUOUS**
2. Obtain and review plant information with JNC Director and JNC staff ensuring all are kept up to date (use tech info line or travel to EOF as necessary) **CONTINUOUS**
3. Maintain a log of events **CONTINUOUS**
4. Complete Attachment 4, Figure 1 initially and update the Emergency Status Report (about every 30 minutes or as necessary) **CONTINUOUS**
5. Assist in the identification and organization of topics for the next media briefing..... **CONTINUOUS**
6. Review all press releases for technical accuracy **CONTINUOUS**
7. Attend all pre-briefing conferences to share information and coordinate with state and county representatives at the JNC **CONTINUOUS**
 - a. Present information at pre-briefing sessions on the plant status and events, response of the station staff, and background on plant systems and design, as requested **CONTINUOUS**
 - b. Participate in a pre-briefing session question and answer session, coordinated by the JNC Director **CONTINUOUS**
10. Update the JNC Director and JNC staff on events and changes in plant status that occurred during each briefing **CONTINUOUS**
11. Obtain responses to reporters' questions that remained unanswered during briefing **CONTINUOUS**
12. Begin gathering and organizing information for the next news briefing **CONTINUOUS**
13. Upon termination of the event, ensure the JNC Director is notified
14. Upon termination of JNC activities, ensure all logs, status boards and all paperwork is forwarded to the JNC Director for inclusion in the permanent plant file

Figure 1: Emergency Status Report (Sample)

Nine Mile Point Unit No. ____
 Nuclear Power Station
 Emergency Status Report

No. _____
 Date: _____
 Time: _____
 Posted by: _____

1. This ____ is / ____ is not a drill	6. Off-site radiological monitoring teams: <input type="checkbox"/> have not been sent out. <input type="checkbox"/> will be sent out. <input type="checkbox"/> have been sent out.
2. Classification <input type="checkbox"/> Unusual Event <input type="checkbox"/> Alert <input type="checkbox"/> Site area emergency <input type="checkbox"/> General emergency <input type="checkbox"/> Recovery phase	7. Primary containment integrity is: <input type="checkbox"/> secure <input type="checkbox"/> not secure
3. Changes since last status report: _____ _____ _____	8. Secondary containment integrity is: <input type="checkbox"/> secure <input type="checkbox"/> not secure
4. The plant status is: <input type="checkbox"/> stable <input type="checkbox"/> improving <input type="checkbox"/> degrading	Wind is blowing from _____ degrees at _____ miles per hour
5. Radiation levels at the plant site boundary are: <input type="checkbox"/> normal <input type="checkbox"/> above normal comments: _____ _____	

ATTACHMENT 5: JNC RADIOLOGICAL BRIEFER CHECKLIST

NAME:	DATE:
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Complete NA

1. Obtain information on radiological status and release status from the EOF Dose Assessment Staff as necessary (travel to EOF as necessary)..... **CONTINUOUS**
2. Review radiological information with JNC Director and JNC staff ensuring all are kept up to date..... **CONTINUOUS**
3. Maintain a log of events **CONTINUOUS**
4. Assist in the identification and organization of topics for the next media briefing..... **CONTINUOUS**
5. Review all press releases for accuracy **CONTINUOUS**
6. Attend all pre-briefing conferences to share information and coordinate with state and county representatives at the JNC **CONTINUOUS**
7. Participate in pre-briefing question and answer sessions, coordinated by the JNC Director to include:
 - information on the radiological status,
 - events at the plant
 - response of the station HP staff, **CONTINUOUS**
8. Begin gathering and organizing information for the next news briefing **CONTINUOUS**
9. Upon termination of JNC activities, ensure all logs, status boards and all paperwork is forwarded to the JNC Director for inclusion in the permanent plant file

ATTACHMENT 6: JNC RUMOR CONTROL COORDINATOR CHECKLIST

NAME:	DATE:
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Complete NA

1. Pick up cordless telephone (ext. 3767) and keep it with you while
in the JNC

2. Verify all monitors (video and audio) are set to the appropriate electronic
media outlet as below: (VCRs provide the channel number for the monitors)
- TV Stations
- Channel 3
- Channel 5
- Channel 9
- Primestar on CNN

- Radio Stations
- WSGO (1410 AM)
- WZZZ (1300 AM)
- WSCP (1070 AM)
- WSYR (570 AM)
- WNDR (1260 AM)
- WKFM (104.7 FM)
- WSGO (105.5 FM)

3. Ensure that video tapes are inserted in VCRs as necessary to
monitor and record broadcasts involving information concerning the
event at Nine Mile Point

4. Ensure audio tapes are inserted in tape players as necessary to monitor and record
broadcasts involving information concerning the event at Nine Mile Point.

5. Maintain a log of all actions taken associated with rumor control **CONTINUOUS**

6. Ensure that rumor control staff record all reports by the Media
on the Rumor Control Form, Attachment 10 **CONTINUOUS**

NAME:	DATE:
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Complete NA

7. Ensure that the Media Monitoring Staff use the PC in the media monitoring room to monitor the Internet and log all reports concerning the event on the Attachment 10 **CONTINUOUS**

8. Provide immediate feedback to the JNC Director (ext. 3712) of any inaccurate or incorrect reports. **CONTINUOUS**

9. Secure video/audio tapes/print internet page with inaccurate coverage for further review **CONTINUOUS**

10. Ensure the media response team is adequately staffed by the Media Response Team composed of personnel from NMPNS, State and County

11. Ensure each member of the media inquiry team is supplied with the information and materials to handle inquiries

12. Ensure the Rumor Control Center is staffed by the Rumor Control Team composed of personnel from NMPNS, State and County

13. Ensure corrections to inaccurate reports are part of the briefings by the appropriate spokesperson, or by contacts directly with the responsible station or publication..... **CONTINUOUS**

14. Ensure that the "Public Rumor Control" telephone number is announced at the all news briefing **CONTINUOUS**

15. Ensure that the "Public Rumor Control" number is distributed to the state, county, and utility telephone operators for public inquiry referral

ATTACHMENT 7: MEDIA RESPONSE CHECKLIST

NAME:	DATE:
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Complete NA

1. Each member of the media inquiry team should:
 - a. Log all contacts using Attachment 10, including time of inquiry, identity, affiliation and telephone number of the caller and nature of the inquiry and response CONTINUOUS
 - b. Provide authorized statements and answer questions based on approved information available at the time CONTINUOUS
 - c. Provide authorized facts about Nine Mile Point which are in their data and fact sheets, news releases and annual reports, if they are requested CONTINUOUS
 - d. Provide times and locations of press conferences and briefings, as well as names and telephone numbers of appropriate contacts in other agencies CONTINUOUS
2. Refer inquiries requiring further elaboration or special response to the appropriate source CONTINUOUS
3. If the appropriate sources are unavailable, a return call should be offered, "as soon as feasible". Do not make guarantees to meet deadlines, but every effort should be made to do so. CONTINUOUS
4. Review papers to identify articles pertaining to the events at the plant CONTINUOUS
5. Clip and post appropriate articles on bulletin boards, retain for permanent plant file CONTINUOUS
6. Upon termination of JNC activities, ensure all logs, status boards and all paperwork is forwarded to the JNC Director for inclusion in the permanent plant file.....
 - a. Provide one copy of all response logs to the NY State PIO

ATTACHMENT 8: JNC RUMOR CONTROL CHECKLIST

NAME:	DATE:
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Complete NA

NOTE: Ensure that information provided comes from written informational materials, EAS messages, and press releases. Any message agreed upon by the state, county, or utility may be used, thus providing for the ability to address specific incorrect or inaccurate information.

1. Ensure the monitoring of the broadcast and print media for news report accuracy **CONTINUOUS**
2. Ensure appropriate response to misinformation or rumors circulating through the public using Attachment 10 as appropriate **CONTINUOUS**
3. Work under the guidance and direction of the Rumor Control Coordinator. **CONTINUOUS**
4. Answer the phone, saying "Joint News Center (if appropriate add, **THIS IS A DRILL**), may I help you" **CONTINUOUS**
5. Respond to inquiries using only the materials and information provided by the Rumor Control Coordinator. **CONTINUOUS**
6. Provide only factual information relative to the caller's questions or concerns. **CONTINUOUS**
7. If you are unsure how best to answer the caller's question, ask the Rumor Control Coordinator (Ext. 3767) **CONTINUOUS**
8. Document all appropriate information on Attachment 10 **CONTINUOUS**
9. Turn in log sheets as they are completed to the Rumor Control Coordinator. **CONTINUOUS**

ATTACHMENT 9: JNC MEDIA MONITORING CHECKLIST

NAME:	DATE:
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Complete NA

1. Ensure audio/video equipment at the Joint News Center is used to monitor and record news broadcasts and bulletins carried by radio, television stations and the internet **CONTINUOUS**

2. Log all reports concerning the event at Nine Mile Point on Attachment 10 **CONTINUOUS**

3. Ensure all broadcasts, as well as news reports in the print media, are reviewed for accuracy **CONTINUOUS**

4. Review and monitor off-air monitoring and recording capability to ensure every opportunity for prompt identification of inaccurate or incorrect information is utilized **CONTINUOUS**

5. Use the PC in the media monitoring room to monitor the Internet and log all reports concerning the event on Attachment 10 **CONTINUOUS**
 Typical web sites include:
 - www.cnn.com • www.cbs.com • www.bbs.com
 - www.abc.com • www.msnbc.com
 - www.nbc.com • www.fox.com

6. Ensure any reports requiring correction are brought to the attention of the Rumor Control Coordinator **CONTINUOUS**

7. Upon termination of JNC activities, ensure all logs, status boards and all paperwork is forwarded to the JNC Director for inclusion in the permanent plant file

ATTACHMENT 10: RUMOR CONTROL-MEDIA RESPONSE INQUIRY AND OFF AIR MONITOR FORM

Type of call: (Public Inquiry) (Professional Inquiry) (Media Inquiry) (Media Monitor Report)
(circle the appropriate choice)

Date of call/broadcast: _____ **Time of call/broadcast:** _____

Name of responder/monitor: _____

Media Name/Location: _____

Caller's/Reporter's Name: _____ **Phone:** (____)-____-_____

Question (s) asked/Inaccurate Information: (word for word is not required)

Response given/Correct Information and Source:

Is call back required: () yes () no **Call back No.** ()____-_____

If yes, call back completed at:_____ **By:** _____

Was the call referred: () yes () no **If yes, to whom:**_____

Further action required: () yes () no

Was this action completed: () yes () no **By:** _____

Reported to Rumor Control Coordinator at:_____

Rumor Control Coordinator Notes:

Return completed form to Rumor Control Coordinator:

ATTACHMENT 11: JNC AUDIO VISUAL (CONTROL BOOTH) CHECKLIST

NAME:	DATE:
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Complete NA

- NOTE:**
1. Should any AV equipment fail, notify the EP Department at 349-4444 and leave a message, then call for assistance from Univisions at 437-0301.
 2. An equipment setup manual for the entire audio visual system may be found in the Equipment Manuals drawer in the file cabinet located in the NMP/JAFNPP room.

START-UP

1. Obtain key (labeled JNC Master)for control booth from key cabinet located in the NMP/JAFNPP room and unlock door to booth
2. Turn on the audio system (green button, labeled main power switch, top section of the audio rack)
3. If wireless microphones are to be used:
 - a. Turn on wireless mic. power switch (black button on power supply located just below top section of audio rack)
 - b. Obtain wireless mic's from bottom drawer of audio rack
 - c. Replace batteries (new batteries located on back shelf) in wireless mic units
4. Turn on video recording and Internal Cable TV (ICTV) by placing power switches labeled power 2 and power 3 on video rack bottom to ON)
5. Verify that the video camera powers up. If not, turn the DC power switch to RCU located at the top rear panel of the camera
6. Verify on or turn on the VCRs (3) used to record press briefings
7. Turn on overhead lighting as needed during briefings using the three switches located on the wall opposite to the camera

NAME:	DATE:
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Complete NA

OPERATION

- | | | |
|--|--------------------------|--------------------------|
| 1. Coordinate setup of media cameras/equipment as necessary to ensure adequate coverage of briefings | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Record all press briefings including all question and answer sessions | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Ensure that media is provided with access to both video and audio outputs | <input type="checkbox"/> | <input type="checkbox"/> |
| 4. Ensure that media cabling is routed through cable tray located on back stage and not run through doors | <input type="checkbox"/> | <input type="checkbox"/> |
| 5. Ensure that safety is considered during the setup of cameras and recording equipment used by the media including tripping and shock hazards | <input type="checkbox"/> | <input type="checkbox"/> |
| 6. Provide assistance to media personnel as requested | <input type="checkbox"/> | <input type="checkbox"/> |

SHUTDOWN

- | | | |
|---|--------------------------|--------------------------|
| 1. Turn off power supplies | | |
| • Turn off green switch labeled main power switch | <input type="checkbox"/> | <input type="checkbox"/> |
| • Turn off red switches labeled power 2 and power 3 | <input type="checkbox"/> | <input type="checkbox"/> |
| • Verify camera, VCRs and sound equipment, power down | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Turn off lights, lock door, return key to key cabinet | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Report any equipment problems, issues or needs to JNC Director | <input type="checkbox"/> | <input type="checkbox"/> |

ATTACHMENT 12: JOINT NEWS CENTER STAFF SIGN IN (SAMPLE)

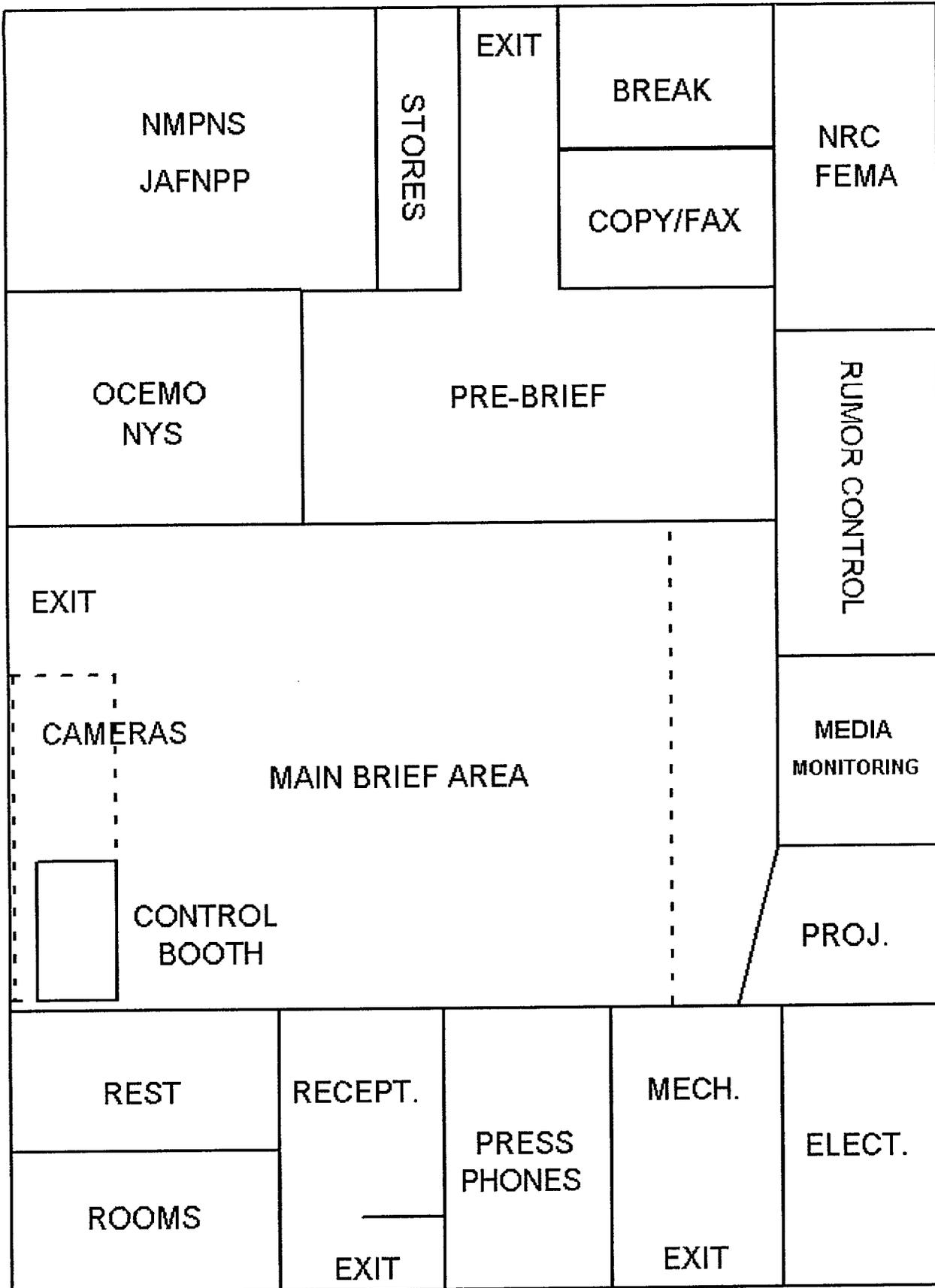
JOINT NEWS CENTER STAFF SIGN IN			
POSITION		1ST SHIFT	2ND SHIFT
NMPNS JNC Director			
Spokesperson	NMPNS (Asst JNC Director)		
	JAFNPP		
	Oswego County		
	New York State		
	FEMA		
	NRC		
	Others		
NMPNS Technical Briefer			
NMPNS Radiological Briefer			
NMPNS JNC Writer			
NMPNS Rumor Control Coordinator			
Rumor Control Phones			
NMPNS Audio Visual (as required)			
NMPNS Security Staff			
NMPNS JNC Administrative Manager			
Clerical Support	Registration		
	Typist		
	Posters		
	Copy Room		
	Fax Machines		
	Other		
Oswego County Staff			
New York State Staff			
FEMA Liaison			
NRC Liaison			

NAME:	DATE:
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NOTE: The JNC Administrative Manager or designee shall ensure the completion of this checklist prior to leaving the JNC.

- | | <u>Complete</u> | <u>NA</u> |
|--|--------------------------|--------------------------|
| 1. Turn off lights throughout the JNC | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Adjust heating/cooling systems temperatures to 68 F | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Turn off all TVS and VCRs in media monitoring room | <input type="checkbox"/> | <input type="checkbox"/> |
| 4. Turn off video projector by pushing the PJ push-button (it should light) and then holding the power off push-button on the remote control for the video projector until a message appears on the screen stating, "wait a few moments" | <input type="checkbox"/> | <input type="checkbox"/> |
| 5. Verify water supply is available and full. If not call for service per instructions on tanks | <input type="checkbox"/> | <input type="checkbox"/> |
| 6. Verify main door is locked and other doors are locked and remain locked | <input type="checkbox"/> | <input type="checkbox"/> |
| 7. Shutdown or verify all computers, printers and other equipment are shutdown | <input type="checkbox"/> | <input type="checkbox"/> |
| 8. Call for septic tank to be pumped using number provided in utility room | <input type="checkbox"/> | <input type="checkbox"/> |
| 9. Verify that all coffee pots/urns are turned off, emptied and cleaned | <input type="checkbox"/> | <input type="checkbox"/> |

ATTACHMENT 14: JNC WORK AREAS



ATTACHMENT 15: JNC SECURITY OFFICER CHECKLIST

NAME:	DATE:
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Complete NA

1. Inform the Security Director (593-5890) in the EOF when you have arrived in the JNC
2. Inform the JNC Director that you have arrived
3. Establish security for the pre-brief area, allowing only utility, federal, state and county personnel to enter this areas (yellow badges)
4. Check all personnel and ensure they have registered at the registration desk (evidence is they are badged)
5. Ask all personnel if they have consumed alcohol within the last 5 hours, if so, contact the JNC Director for instructions on handling
6. Verify all building entrances are locked except the main entrance
7. Ensure media personnel are permitted access through the side entrance as required for equipment setup
8. Should anyone become unruly, or disruptive, politely ask them to leave the premises. If they refuse call 911 and request assistance
9. Provide any comments/logs to JNC Director upon termination of JNC activities