NINE MILE POINT NUCLEAR STATION UNIT 1

EMERGENCY PLAN IMPLEMENTING PROCEDURE

EPIP-EPP-01

REVISION 11

CLASSIFICATION OF EMERGENCY CONDITIONS AT UNIT 1

TECHNICAL SPECIFICATION REQUIRED

Approved by: G. L. Detter General Manager Support Services 6/4/02 Date

Effective Date: 06/28/2002

PERIODIC REVIEW DUE DATE: NOVEMBER 2002

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1.0 PURPOSE

Provide the Control Room staff and Emergency Director with the criteria and method for classifying abnormal conditions into one of the four emergency classifications.

2.0 PRIMARY RESPONSIBILITIES

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

- Maintains awareness of any abnormal plant conditions or occurrences and evaluates the need to classify the condition in accordance with this procedure.
- Upon initial declaration of an emergency, assumes the role of SSS/Emergency Director (SSS/ED) and functions as the SSS/ED until relieved of those duties by the on-call ED/RM, other SRO, or the emergency is terminated.
- Declares any subsequent emergency classifications based on available information until relieved of ED, or the emergency is terminated.
- For conditions classified as an Unusual Event, terminating the emergency in accordance with EPIP-EPP-25 "Reclassification and Recovery".

2.2 TSC Manager (TSCM)

- Upon activation of the TSC, assists the SSS/ED in accordance with EPIP-EPP-23 "Emergency Personnel Action Procedures".
- Maintains awareness of any abnormal plant conditions or occurrences and evaluates the need to re-classify the condition in accordance with this procedure and informs the SSS/ED or ED/RM as appropriate.

2.3 Emergency Director/Recovery Manager (ED/RM)

- Maintains awareness of any abnormal plant conditions or occurrences and evaluates the need to re-classify the condition in accordance with this procedure.
- Following turnover from the SSS/ED, declares any subsequent emergency classifications based on available information until the emergency is terminated or relieved by another qualified ED/RM.
- For conditions classified as an Alert or higher, terminates the emergency in accordance with EPIP-EPP-25 "Reclassification and Recovery".

3.0 PROCEDURE

NOTES:

1. Entry into an emergency classification is not expected for planned outages of systems or equipment in which compensatory measures have been taken.

2. The SSS/ED should not delay actions that would mitigate or prevent an emergency or off-normal conditions, to classify an event. However, all events should be classified in accordance with this procedure no later than 15 minutes after indications are available in the Control Room that an EAL has been exceeded.

3.1 Station Shift Supervisor/Emergency Director (SSS/ED) Actions For Site Events

NOTES:

1. If there is any question as to who should initiate the emergency plan, the Unit 1 SSS shall assume the duties of the SSS/ED.
2. In all cases, the decision as to which Unit SSS will be the SSS/ED and subsequent emergency classification and declaration shall not exceed 15 minutes from the time that indications are available in the Control Room that an EAL has been exceeded.

3.1.1 **IF**: The emergency declaration is due to an initiating condition affecting both Unit 1 and Unit 2,

THEN: Confer with the Unit 2 SSS and determine,

- Which plant has the highest level of emergency classification required and
- Who first was notified of/identified the event.

3.1.2 **IF**: Emergency classification levels are different,

THEN: The SSS at the Unit having the highest emergency classification level shall assume the role of SSS/ED.

3.1.3 **IF**: Emergency classification levels are the same,

THEN: The SSS at the Unit which first was notified of/identified the event shall assume the role of the SSS/ED.

3.1.4 While performing the following steps:

a. **IF**: An abnormal condition exists which meets or exceeds an emergency action level for a classification higher than is currently declared,

THEN: Go to Step 3.1.5 of this procedure.

b. **IF**: It is determined that the emergency has been over classified OR that the emergency classification is no longer warranted,

THEN: Enter EPIP-EPP-25 "Emergency Reclassification and Recovery".

c. **IF**: An EAL has been met or exceeded, but the EAL threshold or emergency condition no longer exists prior to making the emergency declaration (transitory event),

THEN:
1. Classify current conditions and declare the emergency, if necessary.
2. Make notifications required for the declared emergency in accordance with EPIP-EPP-20.
3. Notify State, County and NRC of transitory event (even if no emergency is declared).

NOTE: The same Part 1 Notification Fact Sheet and NRC Notification Worksheet can be used to execute Steps 3.1.4.c.2 and 3.1.4.c.3.

3.1.5 **IF**: One or more emergency action level thresholds in the Emergency Action Level Matrix (Attachment 1), have been met or exceeded,

THEN:
1. Declare the highest level emergency classification for which an EAL is currently being met or exceeded.
2. Enter EPIP-EPP-18 "Activation and Direction of the Emergency Plans" and execute it concurrently with this procedure.

3.1.6 Continually monitor and evaluate plant conditions to determine if one or more emergency action level thresholds in the Emergency Action Level Matrix (Attachment 1), have been met or exceeded.

3.1.7 **IF**: The Unit 2 SSS has assumed the duties of the SSS/ED,

THEN:
1. Update the SSS/ED as plant conditions or emergency actions levels change.
2. Verify that communications/notifications performed in accordance with EPIP-EPP-20, include information about both Unit 1 and Unit 2 as appropriate for site events.

3.1.8 **IF**: You have assumed the duties of the SSS/ED,

THEN: 1. Confer with the Unit 2 SSS and obtain updates of plant conditions and emergency action level status.
2. Ensure that communications/notifications performed in accordance with EPIP-EPP-20, include information about both Unit 1 and Unit 2 as appropriate for site events.

3.1.9 **WHEN**: It has been determined that an emergency condition no longer exists,

THEN: Enter EPIP-EPP-25 "Emergency Reclassification and Recovery".

3.2 SSS/ED Actions For Unit Specific Events and ED/RM Actions For All Emergency Events

3.2.1 Continually monitor and evaluate plant conditions to determine if one or more emergency action level thresholds in the Emergency Action Level Matrix (Attachment 1), have been met or exceeded.

3.2.2 While performing the following steps:

a. **IF**: An abnormal condition exists which meets or exceeds an emergency action level for a classification higher than is currently declared,

THEN: Go to Step 3.2.3 of this procedure.

b. **IF**: It is determined that the emergency has been over classified OR that the emergency classification is no longer warranted,

THEN: Enter EPIP-EPP-25 "Emergency Reclassification and Recovery".

c. **IF**: An EAL has been met or exceeded, but the EAL threshold or emergency condition no longer exists prior to making the emergency declaration (transitory event),

THEN: 1. Classify current conditions and declare the emergency, if necessary.
2. Make notifications required for the declared emergency in accordance with EPIP-EPP-20.
3. Notify State, County and NRC of transitory event (even if no emergency is declared).

NOTE: The same Part 1 Notification Fact Sheet and NRC Notification Worksheet can be used to execute Steps 3.2.2.c.2 and 3.2.2.c.3.

3.2.3 **IF**: One or more emergency action level thresholds in the Emergency Action Level Matrix (Attachment 1), have been met or exceeded,

THEN: 1. Declare the highest level emergency classification for which an EAL is currently being met or exceeded
2. Enter EPIP-EPP-18 "Activation and Direction of the Emergency Plans" and execute it concurrently with this procedure

3.2.4 **WHEN**: It has been determined that an emergency condition no longer exists,

THEN: Enter EPIP-EPP-25 "Emergency Reclassification and Recovery".

4.0 DEFINITIONS

4.1 **Unusual Event** - Events are in progress or have occurred which indicate a potential degradation of the level of safety of the plant. No releases of radioactive material requiring offsite response or monitoring are expected.

4.2 **Alert** - Events are in progress or have occurred which degrade plant safety systems to the extent that increased monitoring of plant safety functions is warranted. Any releases from these events are expected to be limited to small fractions of the EPA Protective Action Guideline plume exposure levels outside the site boundary.

4.3 **Site Area Emergency** - Events are in progress or have occurred which involve actual or likely major failures of plant functions intended for protection of the public. Releases are not expected to exceed EPA Protection Action Guideline plume exposure levels outside the site boundary.

4.4 **General Emergency** - Events are in progress or have occurred which involve actual or imminent substantial core degradation with potential for loss of containment integrity. Any releases from these events can be reasonably expected to exceed EPA Protective Action Guideline plume exposure levels outside the site boundary.

4.5 **Site Events** - Events are in progress or have occurred that have or could have affected the entire protected area. Examples of these events include but are not limited to; Bomb threats, earthquakes, hurricanes, tornadoes etc.

4.6 **Transitory Event** - An event in which an emergency action level has been exceeded but the condition no longer warrants classification at that level prior to making the emergency declaration.

4.7 **Classification** - Categorization of plant conditions or events into the appropriate emergency classification level.

4.8 **Declaration** - Announcement in the Control Room or TSC that an EAL has been met and an emergency classification level has been entered.

5.0 REFERENCES AND COMMITMENTS

5.1 Licensee Documentation

Unit 1 UFSAR, Chapter XIII

5.2 Standards, Regulations, Codes

- NUMARC NESP-007, Methodology for the Development of Emergency Action Levels

5.3 Policies, Programs and Procedures

- EPMP-EPP-0101, Unit 1 Emergency Classification Technical Bases
- EPIP-EPP-18, Activation of the Emergency Plan
- EPIP-EPP-25, Emergency Reclassification and Recovery
- EPIP-EPP-23, Emergency Personnel Action Procedures
- NRC Emergency Preparedness Position (EPPOS) #2, "Timeliness of Classification of Emergency Conditions"

5.4 Commitments

None

6.0 RECORD REVIEW AND DISPOSITION

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

Not Applicable

The following records generated by this procedure as a result of EP Drills/Exercises are not required for retention in the Permanent Plant File.

Not Applicable

LAST PAGE

This page represents the

Emergency Action Level Matrix/Unit 1

which is too large to fit in this document.

Revision 10 of the EAL Matrix remains applicable and in effect.

NINE MILE POINT NUCLEAR STATION UNIT 2

EMERGENCY PLAN IMPLEMENTING PROCEDURE

EPIP-EPP-02

REVISION 11

CLASSIFICATION OF EMERGENCY CONDITIONS AT UNIT 2

TECHNICAL SPECIFICATION REQUIRED

Approved by: G. L. Detter — General Manager Support Services — 6/4/02 Date

Effective Date: 06/28/2002

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1.0 PURPOSE

Provide the Control Room staff and Emergency Director with the criteria and method for classifying abnormal conditions into one of the four emergency classifications.

2.0 PRIMARY RESPONSIBILITIES

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

- Maintains awareness of any abnormal plant conditions or occurrences and evaluates the need to classify the condition in accordance with this procedure.
- Upon initial declaration of an emergency, assumes the role of SSS/Emergency Director (SSS/ED) and functions as the SSS/ED until relieved of those duties by the on-call ED/RM, other SRO, or the emergency is terminated.
- Declares any subsequent emergency classifications based on available information until relieved of ED, or the emergency is terminated.
- For conditions classified as an Unusual Event, terminating the emergency in accordance with EPIP-EPP-25 "Reclassification and Recovery".

2.2 TSC Manager (TSCM)

- Upon activation of the TSC, assists the SSS/ED in accordance with EPIP-EPP-23 "Emergency Personnel Action Procedures".
- Maintains awareness of any abnormal plant conditions or occurrences and evaluates the need to re-classify the condition in accordance with this procedure and informs the SSS/ED or ED/RM as appropriate.

2.3 Emergency Director/Recovery Manager (ED/RM)

- Maintains awareness of any abnormal plant conditions or occurrences and evaluates the need to re-classify the condition in accordance with this procedure.
- Following turnover from the SSS/ED, declares any subsequent emergency classifications based on available information until the emergency is terminated or relieved by another qualified ED/RM.
- For conditions classified as an Alert or higher, terminates the emergency in accordance with EPIP-EPP-25 "Reclassification and Recovery".

3.0 PROCEDURE

NOTES:

1. Entry into an emergency classification is not expected for planned outages of systems or equipment in which compensatory measures have been taken.

2. The SSS/ED should not delay actions that would mitigate or prevent an emergency or off-normal conditions, to classify an event. However, all events should be classified in accordance with this procedure no later than 15 minutes after indications are available in the Control Room that an EAL has been exceeded.

3.1 Station Shift Supervisor/Emergency Director (SSS/ED) Actions For Site Events

NOTES:

1. If there is any question as to who should initiate the emergency plan, the Unit 1 SSS shall assume the duties of the SSS/ED.

2. In all cases, the decision as to which Unit SSS will be the SSS/ED and subsequent emergency classification and declaration shall not exceed 15 minutes from the time that indications are available in the Control Room that an EAL has been exceeded.

3.1.1 **IF**: The emergency declaration is due to an initiating condition affecting both Unit 1 and Unit 2,

THEN: Confer with the Unit 1 SSS and determine,
- Which plant has the highest level of emergency classification required and
- Who first was notified of/identified the event.

3.1.2 **IF**: Emergency classification levels are different,

THEN: The SSS at the Unit having the highest emergency classification level shall assume the role of SSS/ED.

3.1.3 **IF**: Emergency classification levels are the same,

THEN: The SSS at the Unit which first was notified of/identified the event shall assume the role of the SSS/ED.

3.1.4 While performing the following steps:

a. **IF**: An abnormal condition exists which meets or exceeds an emergency action level for a classification higher than is currently declared,

THEN: Go to Step 3.1.5 of this procedure.

b. **IF**: It is determined that the emergency has been over classified OR that the emergency classification is no longer warranted,

THEN: Enter EPIP-EPP-25 "Emergency Reclassification and Recovery".

c. **IF**: An EAL has been met or exceeded, but the EAL threshold or emergency condition no longer exists prior to making the emergency declaration (transitory event),

THEN:
1. Classify current conditions and declare the emergency, if necessary.
2. Make notifications required for the declared emergency in accordance with EPIP-EPP-20.
3. Notify State, County and NRC of transitory event (even if no emergency is declared).

NOTE: The same Part 1 Notification Fact Sheet and NRC Notification Worksheet can be used to execute Steps 3.1.4.c.2 and 3.1.4.c.3.

3.1.5 **IF**: One or more emergency action level thresholds in the Emergency Action Level Matrix (Attachment 1), have been met or exceeded,

THEN:
1. Declare the highest level emergency classification for which an EAL is currently being met or exceeded.
2. Enter EPIP-EPP-18 "Activation and Direction of the Emergency Plans" and execute it concurrently with this procedure.

3.1.6 Continually monitor and evaluate plant conditions to determine if one or more emergency action level thresholds in the Emergency Action Level Matrix (Attachment 1), have been met or exceeded.

3.1.7 **IF**: The Unit 1 SSS has assumed the duties of the SSS/ED,

THEN:
1. Update the SSS/ED as plant conditions or emergency actions levels change.
2. Verify that communications/notifications performed in accordance with EPIP-EPP-20, include information about both Unit 1 and Unit 2 as appropriate for site events.

3.1.8 **IF**: You have assumed the duties of the SSS/ED,

THEN:
1. Confer with the Unit 1 SSS and obtain updates of plant conditions and emergency action level status.
2. Ensure that communications/notifications performed in accordance with EPIP-EPP-20, include information about both Unit 1 and Unit 2 as appropriate for site events.

3.1.9 **WHEN**: It has been determined that an emergency condition no longer exists,

THEN: Enter EPIP-EPP-25 "Emergency Reclassification and Recovery".

3.2 SSS/ED Actions For Unit Specific Events and ED/RM Actions For All Emergency Events

3.2.1 Continually monitor and evaluate plant conditions to determine if one or more emergency action level thresholds in the Emergency Action Level Matrix (Attachment 1), have been met or exceeded.

3.2.2 While performing the following steps:

a. **IF**: An abnormal condition exists which meets or exceeds an emergency action level for a classification higher than is currently declared,

THEN: Go to Step 3.2.3 of this procedure.

b. **IF**: It is determined that the emergency has been over classified OR that the emergency classification is no longer warranted,

THEN: Enter EPIP-EPP-25 "Emergency Reclassification and Recovery".

c. **IF**: An EAL has been met or exceeded, but the EAL threshold or emergency condition no longer exists prior to making the emergency declaration (transitory event),

THEN:
1. Classify current conditions and declare the emergency, if necessary.
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3. Notify State, County and NRC of transitory event (even if no emergency is declared).

NOTE: The same Part 1 Notification Fact Sheet and NRC Notification Worksheet can be used to execute Steps 3.2.2.c.2 and 3.2.2.c.3.

3.2.3 **IF**: One or more emergency action level thresholds in the Emergency Action Level Matrix (Attachment 1), have been met or exceeded,

THEN:
1. Declare the highest level emergency classification for which an EAL is currently being met or exceeded
2. Enter EPIP-EPP-18 "Activation and Direction of the Emergency Plans" and execute it concurrently with this procedure

3.2.4 **WHEN**: It has been determined that an emergency condition no longer exists,

THEN: Enter EPIP-EPP-25 "Emergency Reclassification and Recovery".

4.0 DEFINITIONS

4.1 **Unusual Event** - Events are in progress or have occurred which indicate a potential degradation of the level of safety of the plant. No releases of radioactive material requiring offsite response or monitoring are expected.

4.2 **Alert** - Events are in progress or have occurred which degrade plant safety systems to the extent that increased monitoring of plant safety functions is warranted. Any releases from these events are expected to be limited to small fractions of the EPA Protective Action Guideline plume exposure levels outside the site boundary.

4.3 **Site Area Emergency** - Events are in progress or have occurred which involve actual or likely major failures of plant functions intended for protection of the public. Releases are not expected to exceed EPA Protection Action Guideline plume exposure levels outside the site boundary.

4.4 **General Emergency** - Events are in progress or have occurred which involve actual or imminent substantial core degradation with potential for loss of containment integrity. Any releases from these events can be reasonably expected to exceed EPA Protective Action Guideline plume exposure levels outside the site boundary.

4.5 **Site Events** - Events are in progress or have occurred that have or could have affected the entire protected area. Examples of these events include but are not limited to; Bomb threats, earthquakes, hurricanes, tornadoes etc.

4.6 **Transitory Event** - An event in which an emergency action level has been exceeded but the condition no longer warrants classification at that level prior to making the emergency declaration.

4.7 **Classification** - Categorization of plant conditions or events into the appropriate emergency classification level.

4.8 **Declaration** - Announcement in the Control Room or TSC that an EAL has been met and an emergency classification level has been entered.

5.0 REFERENCES AND COMMITMENTS

5.1 Licensee Documentation

Unit 2 USAR, Chapter 13

5.2 Standards, Regulations, Codes

- NUMARC NESP-007, Methodology for the Development of Emergency Action Levels

5.3 Policies, Programs and Procedures

- EPMP-EPP-0102, Unit 2 Emergency Classification Technical Bases
- EPIP-EPP-18, Activation of the Emergency Plan
- EPIP-EPP-25, Emergency Reclassification and Recovery
- EPIP-EPP-23, Emergency Personnel Action Procedures
- NRC Emergency Preparedness Position (EPPOS) #2, "Timeliness of Classification of Emergency Conditions"

5.4 Commitments

None

6.0 RECORD REVIEW AND DISPOSITION

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

Not Applicable

The following records generated by this procedure as a result of EP Drills/Exercises are not required for retention in the Permanent Plant File.

Not Applicable

LAST PAGE

This page represents the

Emergency Action Level Matrix/Unit 2

which is too large to fit in this document.

Revision 10 of the EAL Matrix remains applicable and in effect.

NINE MILE POINT NUCLEAR STATION

EMERGENCY PLAN IMPLEMENTING PROCEDURE

EPIP-EPP-10

REVISION 05

SECURITY CONTINGENCY EVENT

TECHNICAL SPECIFICATION REQUIRED

CONTROLLED

Approved by: G. L. Detter — General Manager Support Services — May 8, 2002 Date

THIS IS A FULL REVISION

Effective Date: 07/15/2002

PERIODIC REVIEW DUE DATE MAY 2003

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1.0 PURPOSE

This procedure describes the expected response to those Security events that pose a credible threat to the security of the station and results in the classification and declaration of an emergency in accordance with EPIP-EPP-01 and or EPIP-EPP-02.

2.0 RESPONSIBILITIES

2.1 The Station Shift Supervisor/Emergency Director (SSS/ED) ensures:

2.1.1 The Security Department is notified of actual/suspected security contingency events.

2.1.2 Coordination as required between operations and security forces to ensure the safe operation and/or safe shutdown of the plant.

2.1.3 Classifies and declares the emergency in accordance with EPIP-EPP-01/02, as required.

2.1.4 Performs actions as required by EPIP-EPP-18, "Activation and Direction of the Emergency Plan".

2.1.5 The NRC is notified in accordance with 10 CFR 50.72 when required.

2.2 The Emergency Director/Recovery Manager (ED/RM):

2.2.1 Relieves the SSS/ED following activation of the Emergency Response Facilities.

2.2.2 Assumes overall command and control of the emergency.

2.2.3 Ensures coordination between the security force and the remainder of the Emergency Response Organization.

2.2.4 Performs actions as required by EPIP-EPP-23, "Emergency Personnel Action Procedures".

2.3 The Chief Shift Operator (CSO):

2.3.1 Makes necessary emergency announcements as directed by the SSS.

2.3.2 Assists in coordination between operations department and the security force.

2.3.3 Monitors plant operation for unusual activity.

2.3.4 Notifies SSS/ED and security department of any actual/suspected Security Contingency Events.

2.4 <u>The Security Site Supervisor, General Supervisor Security Operations, or Nuclear Security Chief:</u>

2.4.1 Assumes the role of the Security Coordinator.

2.4.2 Ensures necessary actions are taken to ensure the security of the station and personnel.

2.4.3 Ensures coordination between security forces and the remainder of the Emergency Response Organization.

2.4.4 Obtains assistance as necessary from Local Law Enforcement Agencies.

2.4.5 Provides for the protection of systems and components as required to ensure safe operation and/or safe shutdown capability is maintained.

2.4.6 Responsible for recommending implementation of the two-person vital area access rule upon determining existence of a credible insider security threat.

2.5 <u>Station Personnel</u>

2.5.1 Report the discovery of actual/suspected security contingency events to the Control Room, and take actions specified by emergency announcement.

(C1) 2.5.2 When the emergency announcement is made to implement the two-person vital area access rule, take actions in accordance with this procedure.

3.0 PROCEDURE

3.1 <u>Personnel in Affected Area(s)</u>

3.1.1 Evacuate as indicated by emergency announcements or as directed by Security Force Members (SFM).

3.1.2 Warn others to exit the area and report as stated in the announcement (if necessary).

3.1.3 Note any abnormal conditions upon leaving the area.

3.1.4 Do not enter or re-enter an area where a Security Contingency Event is in progress unless it is approved by the Station Shift Supervisor (SSS/ED), Emergency Director/Recovery Manager (ED/RM), or a Security Force Member.

(C1) 3.2 <u>Personnel in Vital Areas</u>

3.2.1 When an announcement is made that two-person line of sight vital area access rules are in effect, take the following actions as appropriate:

a. **IF**

- You are performing non-essential work (or are unsure),

THEN

- Place your work in a safe configuration.
- Leave the area.
- DO NOT return until the event is terminated.

b. **IF**

- You are within a vital area and no one is working with you or is nearby,

THEN

- As applicable place the job in a safe configuration.
- Exit the vital area, carding out as you exit.
- Prior to re-entering the vital area, seek out a partner to accompany you while in the vital area.
- Remember the following concerning your partner:

  1. Equal task qualification levels are not necessary.
  2. Partner must remain within line of sight the entire time you are in the vital area.
  3. Partner must have access to the vital area.

c. **IF**

- You are within a vital area and someone else is working with you or is nearby,

THEN

- If you both can perform your tasks while remaining in line of sight with each other, remain at task.

3.2.1.c (Cont)

- Remember the following concerning your partner

  1. Equal task qualification levels are not necessary.

  2. Partner must remain within line of sight the entire time you are in the vital area.

  3. Partner must have access to the vital area.

- If you cannot remain in line of sight take actions as specified in 3.2.1.b.

d. **IF**

- You are not in a vital area when the announcement is made, but subsequently need to enter for essential work while the two-person rule is in effect.

THEN

- Before entering, seek out a partner to accompany you while in the vital area.

- Remember the following concerning your partner:

  1. Equal task qualification levels are not necessary.

  2 Partner must remain within line of sight the entire time you are in the vital area.

  3. Partner must have access to the vital area.

e. Immediately report any suspicious behavior to the Control Room.

3.3 <u>Station Shift Supervisor/Emergency Director(SSS/ED) or Emergency Director/Recovery Manager (ED/RM)</u>

3.3.1 Upon notification of an Security Contingency Event, implement appropriate actions in accordance with the Security Contingency Event SSS/ED Flowchart (Attachment 3).

3.4 <u>Chief Shift Operator (CSO)</u>

3.4.1 Complete the Security Contingency Event (CSO Checklist) (Attachment 2).

3.5 <u>Security Coordinator</u>

Upon notification of a Security Contingency Event, implement actions in accordance with Nuclear Security Contingency procedures and Attachment 1 Security Contingency Event Security Site Supervisor Flowchart.

3.6 Station Personnel

Report the discovery of actual/suspected security contingency events immediately to the control room.

4.0 DEFINITIONS

4.1 Credible Threat:

A **determination** has been made by Nuclear Security that a site specific threat exists based upon one or more of the following:

a. Supporting physical evidence exists for the threat

b. Information independent from the actual threat message exists that supports the threat

c. A specific group or organization claims responsibility for the threat.

4.2 Security Contingency Event

A deliberate act or perceived threat of an act which could imperil the station and endanger the public health and safety by exposure to radiation. Security Contingency Events include, but are not limited to acts of sabotage, equipment tampering, or threats.

4.3 Two-Person Vital Area Access Rule

A rule for remaining in or accessing the vital area following the determination by Security of a credible insider security threat. The rule consists of ensuring that there is no one left alone in the vital area. The rule requires personnel in the vital area to have partners who must remain in line of sight of each other while in the vital area while the rule is in effect, and only permits entry to vital areas when it is required for essential work (work required for safe plant operation or to ensure health and safety of the public).

5.0 REFERENCES AND COMMITMENTS

5.1 Technical Specifications

None

5.2 Licensee Documentation

5.2.1 Nine Mile Point Nuclear Station Safeguards Contingency Plan

5.2.2 Nine Mile Point Site Emergency Plan

5.3 Standards, Regulations, and Codes

5.3.1 10CFR73.55, Requirements For Physical Protection of Licensed Activities in Nuclear Power Reactors Against Radiological Sabotage

5.3.2 NUREG/CR - 4093, Safety/Safeguards Interactions During Safety-Related Emergencies At Nuclear Power Reactor Facilities

5.4 Policies, Programs, and Procedures

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

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

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

5.4.4 EPIP-EPP-18, Activation and Direction of the Emergency Plans

5.4.5 EPIP-EPP-23, Emergency Personnel Action Procedures

5.4.6 S-SAP-11.0, Basic Emergency Plan Duties

5.4.7 S-SEC-8.1, Security Alert and Heightened Security

5.5 Commitments

Sequence Number	Commitment Number	Description
1	C1	NCTS 504473-06 Revise procedures for two-person rule

6.0 RECORD REVIEW AND DISPOSITION

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

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

- Attachment 2, Security Contingency Event (CSO Checklist)

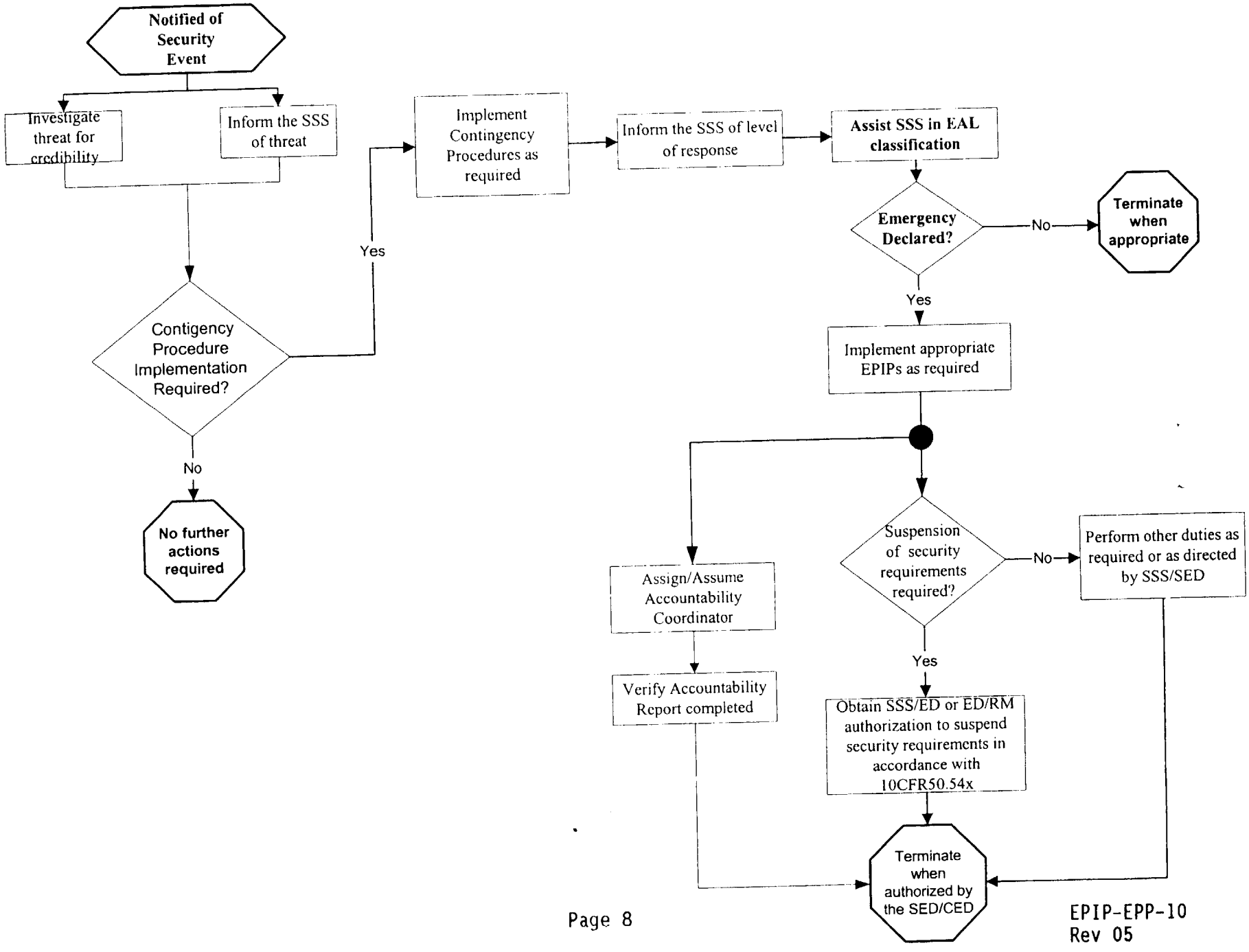
6.2 The following records generated by this procedure are not required for retention in the Permanent Plant File:

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

- Attachment 2, Security Contingency Event (CSO Checklist)

LAST PAGE

ATTACHMENT 1: SECURITY CONTINGENCY EVENT SECURITY SITE SUPERVISOR FLOWCHART

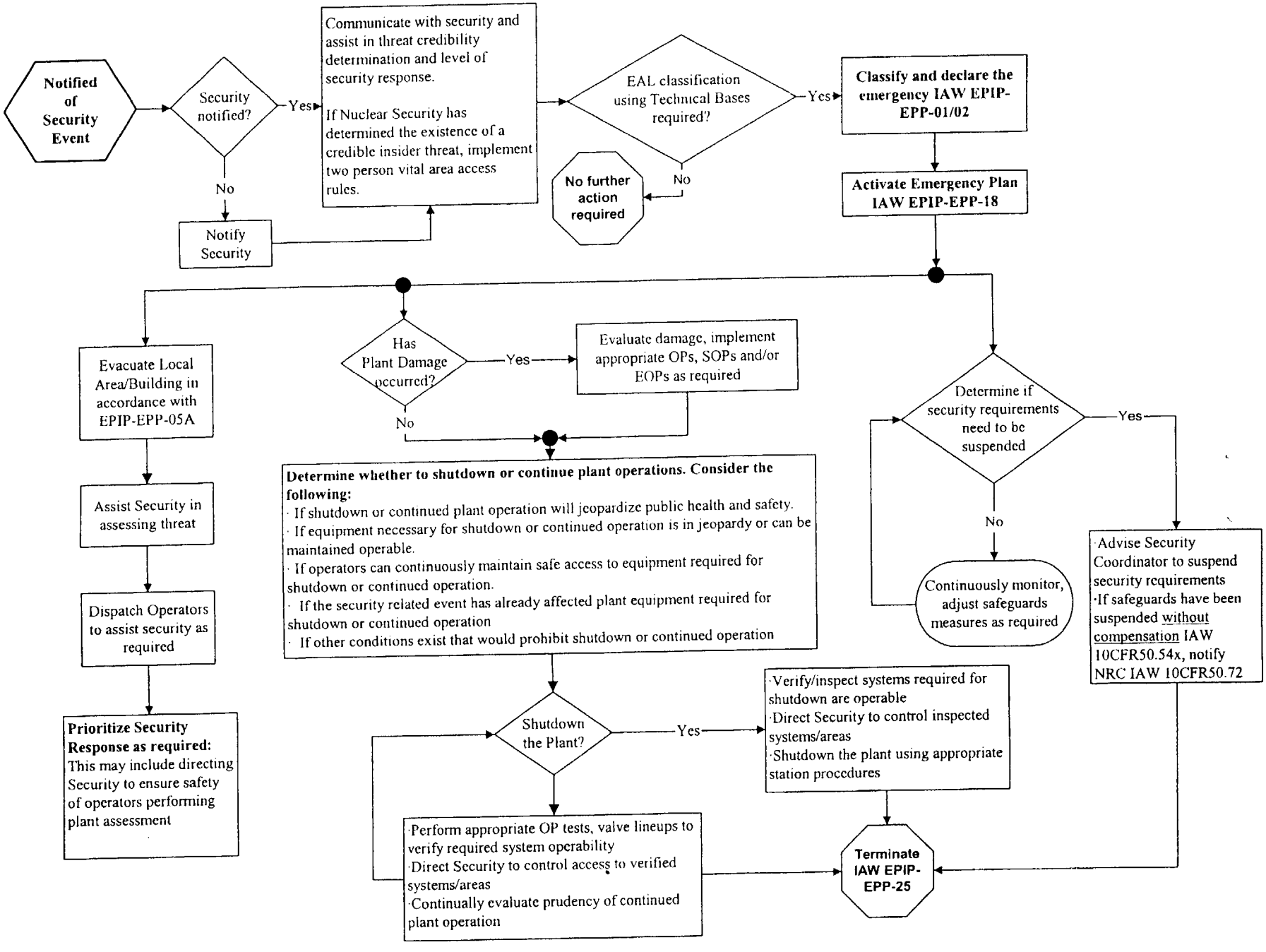


ATTACHMENT 2: SECURITY CONTINGENCY EVENT (CSO CHECKLIST)

Name	Date	Unit ☐ 1 ☐ 2

		Complete	N/A
1.0	Notified of actual/suspected Security Contingency Event	☐	☐
2.0	Notify SSS	☐	☐
3.0	Check plant parameters	☐	☐
4.0	Notify Security Site Supervisor	☐	☐
5.0	Initiate any Operating, Special Operating or EOPs required	☐	☐
6.0	If no emergency has been declared and as directed by the SSS, make announcements for a local area/building evacuation in accordance with EPIP-EPP-05A,Local Area/Building Evacuation:	☐	☐
7.0	When Security Contingency Event no longer exists, make a termination announcement in accordance with EPIP-EPP-18:	☐	☐
8.0	Emergency Event terminated	☐	☐

(C1) ATTACHMENT 3: SECURITY CONTINGENCY EVENT SSS/ED or ED/RM FLOWCHART



NINE MILE POINT NUCLEAR STATION

EMERGENCY PLAN IMPLEMENTING PROCEDURE

EPIP-EPP-14

REVISION 07

EMERGENCY ACCESS CONTROL

TECHNICAL SPECIFICATION REQUIRED

Approved by:
G. L. Detter

General Manager Support Services

6/4/02
Date

Effective Date: 06/28/2002

PERIODIC REVIEW DUE DATE: FEBRUARY 2003

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1.0 PURPOSE

1.1 To provide guidance to personnel assigned to the Emergency Response Organization and personnel with Oswego County Emergency Management Office Identification Cards on accessing the site, the protected area, and emergency response facilities during emergencies.

2.0 RESPONSIBILITIES

2.1 The **Station Shift Supervisor/Emergency Director (SSS/ED) or the Emergency Director/Recovery Manager (ED/RM)** authorizes access to emergency facilities in response to an emergency.

2.2 The **Security Director**

2.2.1 Provides overall direction for security.

2.2.2 Provides overall direction for traffic control.

2.2.3 May authorize access to emergency facilities in response to an emergency.

2.3 The **Security Site Supervisor**

2.3.1 Ensures plant security is maintained.

2.3.2 Institutes appropriate measures (such as initiation and maintenance of roadblocks) in accordance with Security Procedures or as directed by the SSS/ED or the ED/RM.

2.3.3 Requests verbal authorization as needed from the SSS/ED or the ED/RM to permit access to the exclusion area.

2.4 The **Director Emergency Preparedness** authorizes the issuance of Oswego County Emergency Management Office Identification Cards to personnel who are required to access the Exclusion Area during a declared emergency.

2.5 The **Joint News Center (JNC) Director** determines whether or not individuals are permitted access to areas of the Joint News Center (JNC) other than the main media briefing room.

2.6 The **Administrative/Logistics Manager** assigns clerical personnel as necessary to issue temporary Oswego County Emergency Management Office ID Cards at the Emergency Operations Facility (EOF) when required.

2.7 **Emergency Response Personnel** maintain the appropriate identification for Site access or access to other emergency response facilities during an emergency.

3.0 PROCEDURE

NOTE: This procedure shall be implemented upon declaration of an Alert or higher emergency classification.

3.1 Emergency Planning Zone Access

3.1.1 Upon arrival at a roadblock, provide law enforcement officials with the appropriate identification. Acceptable forms of identification include the following:

- Oswego County Emergency Management Office ID Card
- Oswego County Temporary ID Card
- NYS Police ID
- NYS Disaster Preparedness Commission ID Card
- USNRC ID Card/Badge
- FEMA ID

3.1.2 Individuals without the appropriate identification will be directed to obtain a temporary identification card in accordance with Section 3.7.2 of this procedure.

3.1.3 When permitted access, follow instructions provided by law enforcement officials (such as avoiding certain roads, etc.).

3.2 Nine Mile Point Exclusion Area Access

3.2.1 Upon arrival at Exclusion Area Access Control Points, provide Security personnel with the appropriate identification as listed in step 3.1.1.

3.2.2 If an individual with emergency response functions does not possess appropriate identification, security personnel at the roadblock shall refer the matter to the Security Site Supervisor to obtain proper authorization.

3.2.3 When permitted access, personnel shall follow instructions provided by Security personnel (such as specific routes to follow, etc.).

3.3 Protected Area Access

3.3.1 Nuclear Security personnel will notify incoming personnel of the status of the emergency by posting an Emergency Status Board (Attachment 1) within the Unit 1 and Unit 2 Security Building entrances.

NOTE: During an Alert or higher emergency classification, only personnel possessing authorized emergency identification, and are either included on the ERO work schedule OR are specifically authorized by the Emergency Director should access the Protected Area.

3.3.2 During an emergency, individuals seeking access to the Protected Area should:

a. Proceed to a Nuclear Security Building.

b. Obtain protected area ACAD/ID Card.

c. Follow normal security access procedures.

d. Report as directed by Emergency Status Board posted by Security.

3.4 Emergency Operations Facility (EOF) and Offsite Assembly Area (OAA) Access

3.4.1 Personnel requiring access to the Emergency Operations Facility (EOF) or the Offsite Assembly Area (OAA) at Howard Road should:

NOTE: JNC personnel possessing key-code access to the EOF are authorized to access the EOF through the door nearest the JNC and are not required to log-in. However, they must display their JNC badge at all times

a. Enter through the main entrance at the EOF, OR

b. Enter through the primary entrance at the OAA

3.4.2 Frisk upon entering, using either the portal monitor (EOF) or the hand held monitor (OAA), if required.

3.4.3 Proceed to the registration desk (EOF), or sign the log (OAA).

3.4.4 Display appropriate identification to registration personnel as listed in Step 3.1.1.

3.4.5 Individuals without the appropriate identification may be permitted access after obtaining a temporary identification card in accordance with Section 3.7.2.

3.5 Joint News Center (JNC) Access

NOTE: EOF personnel possessing key-code access to the JNC are authorized to access the JNC through the door nearest the EOF and are not required to log-in. However, they must display their EOF emergency ID at all times

3.5.1 Individuals requiring access to areas other than the main media briefing room in the JNC shall display appropriate identification, as identified in Step 3.1.1.

3.5.2 Individuals without the appropriate identification may be permitted access to areas other than the main briefing room after obtaining a temporary identification card in accordance with Section 3.7.2.

3.5.3 Only the JNC Director may authorize the issuance of a temporary ID to access other areas of the JNC.

3.5.4 When permitted access, follow instructions provided by Nuclear Security personnel (such as avoiding specific areas within the building).

3.6 Equipment Access

3.6.1 Emergency keys used for access are administered by the Director Emergency Preparedness, or designee.

a. A set of emergency keys is maintained in the Nine Mile Point Control Rooms.

b. Additional sets of keys are located in the key boxes mounted near the entrances to the TSC and OSC. These boxes also contain keys to key lockers located within each facility, containing all keys needed by the emergency response organization.

c. Emergency equipment lockers are provided with breakaway locks. This feature should only be used if keys are not available during an emergency.

3.7 Oswego County Emergency Management Office Identification Cards

3.7.1 Issuance of Permanent ID Cards

a. Nine Mile Point ERO Members shall obtain an Oswego County Emergency Management Office ID card from Security Badging.

b. The Oswego County Emergency Management Office ID Card should be turned in to the Director Emergency Preparedness upon termination of employment from NMPNS or if a need no longer exists for the individual to possess the ID card.

3.7.2 Issuance of Temporary ID Cards

a. Individuals requiring temporary access should provide the following information on Attachment 2, Authorization Form for Issuance of Temporary Oswego County Emergency Management Office Identification Card, to a designated clerical staff member located at the EOF:

1. Name
2. Agency
3. Social Security number
4. Location of planned access
5. Purpose for access
6. Dates authorized for (from todays date plus 5 days)

b. The designated clerical staff member should forward this information to or obtain authorization from one of the following:

1. SSS/ED
2. Security Director (EOF)
3. ED/RM
4. Director Emergency Preparedness or designee
5. JNC Director (for JNC only)

c. Upon authorization, issue the temporary Oswego County Emergency Management Office ID and provide the ingress route to follow, if necessary.

d. The designated clerical staff member should forward completed Attachment 2 forms to Emergency Preparedness.

4.0 DEFINITIONS

4.1 Exclusion Area Access Control Points

Checkpoints for incoming traffic to be stopped and identification verified. These points are established by Nuclear Security at the Alert, or higher emergency classification, or as directed by the Emergency Director. The Access Control Points are predesignated at two locations:

- The intersection of County Route 29 and Private Road
- The intersection of County Route 1A and Private Road

4.2 Oswego County Emergency Identification Cards

ID cards issued to individuals assigned emergency duties which allow admittance beyond the Access Control Points, and into the EPZ. During an emergency at the Nine Mile Point Nuclear Station (NMPNS) or James A. Fitzpatrick (JAF) Nuclear Station, an Oswego County Emergency Management Office Identification Card allows access:

a. Through military and/or police control points throughout the Oswego County Emergency Planning Zone (EPZ)

b. Into the Joint News Center (JNC) or the Emergency Operations Facility (EOF)

5.0 REFERENCES AND COMMITMENTS

5.1 Technical Specifications

None

5.2 Licensee Documentation

Site Emergency Plan

5.3 Standards, Regulations, and Codes

None

5.4 Policies, Programs, and Procedures

5.4.1 EPMP-EPP-01, Maintenance of Emergency Preparedness

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

- Attachment 2, Authorization Form for Issuance of Temporary Oswego County Emergency Management Office Identification Card

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, Authorization Form for Issuance of Temporary Oswego County Emergency Management Office Identification Card

LAST PAGE

EMERGENCY STATUS BOARD

THIS ☐ IS A DRILL
☐ IS NOT A DRILL

NINE MILE POINT NUCLEAR STATION ☐ #1 ☐ #2

IS EXPERIENCING A(N) ☐ UNUSUAL EVENT

☐ ALERT

☐ SITE AREA EMERGENCY

☐ GENERAL EMERGENCY

☐ _____

ALL EMERGENCY WORKERS

HAVE YOUR EMERGENCY IDENTIFICATION READY

REPORT TO:

☐ NORMAL WORK LOCATION

☐ ASSIGNED EMERGENCY RESPONSE FACILITY AND CARD IN

☐ P-BUILDING OR NLC, AND AWAIT FURTHER INSTRUCTION

☐ _____

ATTACHMENT 2: AUTHORIZATION FORM FOR ISSUANCE OF TEMPORARY OSWEGO COUNTY EMERGENCY MANAGEMENT OFFICE IDENTIFICATION CARD

NAME:	SSS #_____/_____/_____
AGENCY:	LOCATION ACCESSING: *(circle one)* EOF JNC SITE OAA
ID # ISSUED:	PURPOSE OF ACCESS:
AUTHORIZED BY: *(Telephone authorization is acceptable)*	DATE:
Authorized for todays date plus 5 days	FROM: TO:

Return this form to NMPNS Emergency Preparedness.

NINE MILE POINT NUCLEAR STATION

EMERGENCY PLAN IMPLEMENTING PROCEDURE

EPIP-EPP-18

REVISION 09

ACTIVATION AND DIRECTION OF THE EMERGENCY PLANS

TECHNICAL SPECIFICATION REQUIRED

Approved by: G. L. Detter — General Manager Support Services — May 8, 2002 Date

THIS IS A FULL REVISION

Effective Date: 06/28/2002

PERIODIC REVIEW DUE DATE MAY 2003

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1.0 PURPOSE

To provide the Station Shift Supervisor/Emergency Director (SSS/ED) with the necessary instructions to adequately and effectively activate and control the emergency response efforts at Nine Mile Point.

2.0 RESPONSIBILITIES

2.1 The **Station Shift Supervisor/Emergency Director (SSS/ED)** has overall authority for the activation and implementation of the Site Emergency Plan on site, until relieved. Those responsibilities that the SSS/ED shall not delegate are:

2.1.1 Classification and declaration of the emergency event as an Unusual Event, Alert, Site Area Emergency or General Emergency.

2.1.2 Determining the necessity for an exclusion area evacuation.

2.1.3 Authorizing emergency workers to exceed normal radiation exposure limits.

2.1.4 Making the decision to notify off-site emergency management agencies.

2.1.5 Making Protective Action Recommendations (PARs) as necessary to offsite emergency management agencies.

2.2 **The Emergency Director/Recovery Manager (ED/RM)** has overall responsibility for implementation of the Site Emergency Plan following turnover from the SSS/ED, and has the authority to ensure that all necessary resources of NMPNS and CEG are available to respond to any emergency as required.

Those responsibilities that the SSS/ED shall not delegate are:

2.2.1 Classification and declaration of the emergency event as an Unusual Event, Alert, Site Area Emergency or General Emergency.

2.2.2 Determining the necessity for an exclusion area evacuation.

2.2.3 Authorizing emergency workers to exceed normal radiation exposure limits.

2.2.4 Making the decision to notify off-site emergency management agencies.

2.2.5 Making Protective Action Recommendations (PARs) as necessary to offsite emergency management agencies.

2.3 **The Technical Support Center Manager (TSCM)** reports to the TSC upon activation of the Emergency Plan, is responsible to the SSS/ED or ED/RM to ensure that all onsite actions needed for the mitigation of the emergency are accomplished.

3.0 PROCEDURE

3.1 Station Shift Supervisor

3.1.1 Classify and declare the emergency in accordance with EPIP-EPP-01 or EPIP-EPP-02.

3.1.2 If an emergency is declared, perform appropriate steps of Attachment 1, SSS/ED Checklist until relieved by the Emergency Director/Recovery Manager in the Emergency Operations Facility.

NOTE: During off hours, if the station is inaccessible, (as determined by the SSS/ED) the Emergency Response Organization (ERO) will be directed to report to the Alternate Emergency Duty Location, via the normal notification process (CAN/Pager).

3.2 TSC Manager

NOTE: During off hours, if the station is inaccessible, (as determined by SSS/ED) the Emergency Response Organization (ERO) will be directed to report to the Alternate Emergency Duty Location, via the normal notifications process (CAN/Pager).

3.2.1 Report to/contact the affected Unit Control Room when notified of an emergency situation requiring activation of the TSC.

3.2.2 Obtain plant status/Emergency Plan implementation information from SSS/ED.

3.2.3 Report to TSC and implement actions specified in EPIP-EPP-23, Attachment 2 " TSC Managers' Checklist - TSC".

3.2.4 **IF** directed, report to the Alternate Emergency Duty Location, **THEN** perform the steps shown in Attachment 9, "Alternate Emergency Duty Location Checklist"

3.3 Emergency Director (ED/RM)

3.3.1 Report to the Emergency Operations Facility (EOF) when notified of an emergency situation requiring activation of the EOF.

3.3.2 Obtain plant status/Emergency Plan implementation information from SSS/ED.

3.3.3 Implement actions specified in EPIP-EPP-23, "Emergency Personnel Actions Procedures".

4.0 DEFINITIONS

Alternate Emergency Duty Location - The designated location where ERO personnel report should the Nine Mile Point Nuclear Station be considered inaccessible. The location is the NMPC Service center on Howard Road in the Town of Volney.

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 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	NDD-EPP,	Emergency Preparedness
5.4.2	EPIP-EPP-01,	Classification of Emergency Conditions Unit 1
5.4.3	EPIP-EPP-02,	Classification of Emergency Conditions Unit 2
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-08,	Offsite Dose Assessment and PARs
5.4.9	EPIP-EPP-13,	Emergency Response Facilities and Staffing
5.4.10	EPIP-EPP-22,	Damage Control
5.4.11	EPIP-EPP-23,	Emergency Personnel Action Procedures
5.4.12	EPIP-EPP-25,	Emergency Reclassification and Recovery

5.5 Commitments

Sequence Number	Commitment Number	Description
1	C1	Add actions for Unit 2 SSS to advise Unit 1 SSS to initiate control room emergency ventilation upon declaration of an emergency involving any type or size LOCA at Unit 2 (Ref.
2	C2	Add record retention reminders (Ref. DER 2-2001-0055)
3	C3	Add actions for 2 person vital area access rules (Ref: NCTS 504473-06)

6.0 RECORD REVIEW AND DISPOSITION

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

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

- Attachment 1, SSS/ED Checklist
- Attachment 2 through 7, Emergency Announcements
- Attachment 9, Alternate Emergency Duty Location Checklist

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

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

- Attachment 1, SSS/ED Checklist
- Attachment 2 through 7, Emergency Announcements
- Attachment 9, Alternate Emergency Duty Location Checklist

LAST PAGE

Name:	Date:	Unit ☐ 1 ☐ 2

NOTES:
1. All steps should be performed.
2. Use N/A or N/R if appropriate.
3. A log documenting activities should be maintained.

		Completed	N/A
1.	This is/is not (circle one) a drill	☐	☐
2.	Classify and declare the emergency per EPIP-EPP-01 or EPIP-EPP-02	☐	☐
3.	Using Attachment 1, Figure 1 flowchart determine the appropriate evacuation and accountability	☐	☐
4.	Announce to Control Room staff you are now assuming SSS/ED position and duties, state emergency classification level, and reason for classification/declaration	☐	☐
5.	Direct the appropriate announcement to be made using Attachments 2 through 7 of this procedure	☐	☐
6.	Direct operations shift personnel to report to the control room	☐	☐
7.	Verify operators perform actions required by EOPs, SOPs, OPs and EPIP-EPP-22 (damage control) to mitigate the emergency event	CONTINUOUS	

8. Complete in accordance with EPIP-EPP-20:

	U/E	Alert	SAE	GE
a. Part 1 Notification Fact Sheet	☐	☐	☐	☐
b. CAN Notification Form	☐	☐	☐	☐
c. NRC Notification Worksheets	☐	☐	☐	☐

9.	Direct Communications Aide to report to the control room	☐	☐
	a. If the Station Fire Alarm sounds, and if required, verify the unaffected Control Room has been contacted to provide a Communication Aide relief	☐	☐
10.	Direct an Radiation Protection technician to report to the control room to assist in ALARA concerns	☐	☐
11.	If any evacuation is ordered, direct Radiation Protection Technician(s) to report to access control points to assist evacuees	☐	☐
12.	Direct a Chemistry Technician to assume the duties of the Dose Assessment Advisor and implement EPIP-EPP-08	☐	☐
13.	Verify appropriate Site Emergency Procedures implementation per Attachment 8	☐	☐

		Completed	N/A
14.	Implement Protective Actions as needed per EPIP-EPP-08	CONTINUOUS	

15. Verify completion of notifications in accordance with EPIP-EPP-20:

	U/E	Alert	SAE	GE
• State and County via RECS	☐	☐	☐	☐
• ERO via CAN	☐	☐	or higher	
• NRC via ENS	☐	☐	☐	☐

NOTES: 1. PARs must be communicated to NYS and Oswego County within 15 minutes of declaration of General Emergency.

2. The step below (Step 16) only applies to the Unit 2 SSS.

C1	16. If an emergency is declared that involves any type or size Loss of Coolant accident at Unit 2, the Unit 2 SSS shall advise the Unit 1 Control Room Emergency Ventilation system	CONTINUOUS		
	17. If notified by Security that the accountability report printout has been initiated, instruct CSO to make announcement per Attachment 3	☐	☐	
	18. Provide list of control room personnel to Personnel Accountability Coordinator (x2662) if notified of a failure of the security computer	☐	☐	
	19. Determine what assistance, if any is required from JAFNPP or other organizations	CONTINUOUS		
	20. Provide status announcements to station personnel as necessary using Attachment 5	CONTINUOUS		
	21. Review and approve news releases from Public Affairs and Corporate Communication (PACC)	☐	☐	
	22. Keep informed through the Dose Assessment Advisor of actual release rates as compared to General Emergency release rates	☐	☐	
	23. Call in extra personnel as necessary	CONTINUOUS		
	24. Provide/update the status of the plant emergency to the TSC Manager. Include the following:			
	• Plant Status/Indicators	☐	☐	
	• Assessment of radiological conditions/concerns	☐	☐	
	• EOPs/other procedures in use	☐	☐	
	• In plant teams/operators dispatched	☐	☐	
	• NRC Communication status	☐	☐	
	• Other information pertinent to plant conditions status during the event	CONTINUOUS		
	• Control room clock time	☐	☐	

	Completed	N/A

NOTES:
1. **If a classification is made in the control room, notifications should be made from the control room until all are completed for that classification.**
2. **Completion of Notification Fact Sheet Part 1 and CAN Notifications remain in the control room, until assumed by the EOF Communications Coordinator**

25. When called by the ED/RM, turn over the status of the plant emergency. Include the following:
    - Plant Status/Indicators . . . . . ☐ ☐
    - Assessment of radiological conditions/concerns . . . . . ☐ ☐
    - EOPs/other procedures in use . . . . . ☐ ☐
    - Actions completed in the SSS/SED checklist . . . . . ☐ ☐
    - In plant teams/operators dispatched . . . . . ☐ ☐
    - Protective Action Recommendation status . . . . . ☐ ☐
    - Other information pertinent to plant conditions status during the event . . . . . ☐ ☐
    - Status of news releases approved/issued . . . . . ☐ ☐
    - Control room clock time . . . . . ☐ ☐

26. When notified that the EOF is activated, ensure turn-over of Notifications to EOF Communications Coordinator . . . . . ☐ ☐

27. When notified that the ED/RM has assumed the duties of the Emergency Director at the EOF, make the following announcement:
    - Place GAItronics in Merge (if not done so already)
    - Sound Station Alarm for 10 Seconds
    - Announce:

    "Attention, this is/is not (circle one) a drill. As of ____ hrs, overall authority for control of the emergency has been transferred to the Emergency Director/Recovery Manager, (name)_____ in the EOF". This is/is not (circle one) a drill."

    - Repeat Alarm and Announcement. . . . . ☐ ☐

28. Following activation of the OSC, direct shift personnel not assigned control room or DCT functions to report to the OSC for assignment in accordance with EPIP-EPP-22 . . . . . ☐ ☐

29. Continue to monitor plant status and provide recommendations to ED/RM when changes in plant conditions could require upgrades to the Emergency Classification . . . . . **CONTINUOUS**

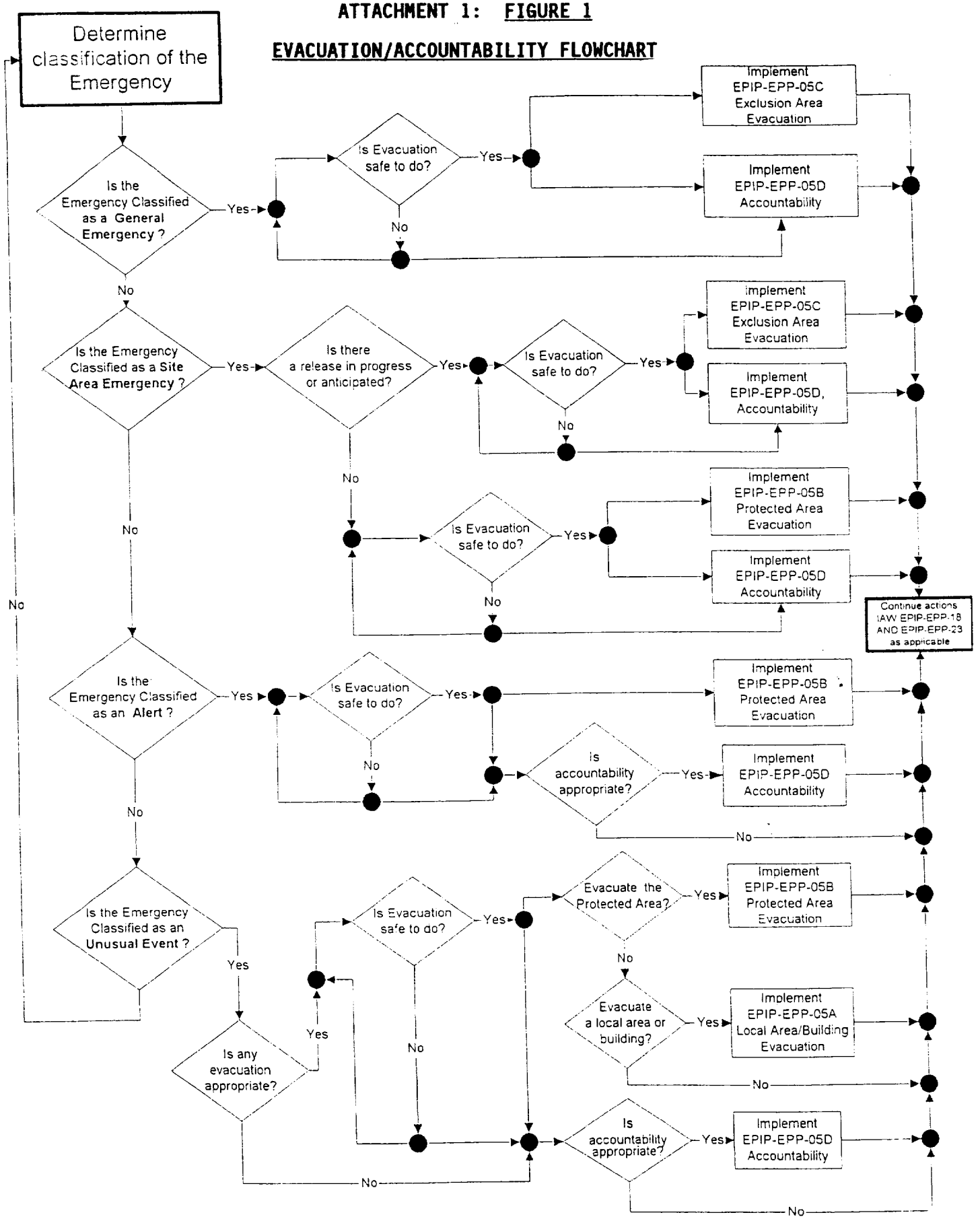
30. Communicate as needed in-plant corrective/mitigative actions to the TSC Manager and ED/RM and request this assistance be supplied from the OSC . . . . . **CONTINUOUS**

31. Ensure timely Emergency Announcements are made in accordance with the Attachments of this procedure when informed of changes in classification/plant status changes and/or emergency termination . . . . . **CONTINUOUS**

		Completed	N/A
	32. Evaluate termination or re-classification of the emergency and make recommendations as necessary to the ED/RM in accordance with EPIP-EPP-25	CONTINUOUS	
	33. Ensure Termination Announcement is made when the event is terminated by the ED/RM in accordance with Attachment 7	☐	☐
C2	34. Collect and retain for the Emergency Preparedness Department all paperwork generated as a result of the event for possible inclusion in the Permanent Plant File	☐	☐

ATTACHMENT 1: FIGURE 1

EVACUATION/ACCOUNTABILITY FLOWCHART



ATTACHMENT 2 Date: _____

EMERGENCY ANNOUNCEMENT Time: _____

INSTRUCTIONS: (check boxes to select appropriate announcement)

1. **Place GAItronics in Merge.**

2. **Sound the APPROPRIATE alarm:**

   ☐ Station alarm for 10 seconds.
   ☐ Evacuation Alarm for 10 seconds. (When any evacuation is being ordered)

3. **Announce only those items checked:**

☐ a. *"Attention. Attention all personnel. This (is/is not) a drill. Nine Mile Point Unit (1 or 2) is experiencing"*

   ☐ *"An Unusual Event due to* _____*"*

   ☐ *"An Alert emergency condition due to* _____*"*

   ☐ *"A Site Area Emergency due to* _____*"*

   ☐ *"A General Emergency due to* _____*"*

☐ b. **If this is the first announcement for an Alert or higher, then always add** *"All Emergency Response Organization personnel are to report to their Emergency Response Facilities and card in."*

C3 4. **For A Credible Insider Security Threat, ADD**

☐ a. Secure all non-essential activities in vital areas, the two person line of sight vital area access rules are now in effect.

5. **FOR A LOCAL AREA EVACUATION, ADD**

☐ a. *"An evacuation of:* _____

is being ordered due to: _____

All personnel are to leave the (Unit 1/2) _____ *(area) staying clear of* _____

and report to _____*."*

6. **FOR ACCOUNTABILITY WITHOUT EVACUATION, ADD** (only use with 4 above or if evacuation unsafe)

☐ a. *"Accountability is being performed in the Protected Area. All personnel shall report to an onsite assembly area, card in and remain in the area until further notice."*

7. **FOR A PROTECTED AREA EVACUATION, ADD**

☐ a. *"All personnel not assigned emergency response duties shall evacuate the Protected Area. Personnel who entered the site at Unit 1 should exit via the Unit 1 security building and report to the Nuclear Learning Center. Personnel who entered the site at Unit 2 should exit via the Unit 2 security building and report to the P-Building. Personnel shall remain at these locations until further notice".*

-----CONTINUED NEXT PAGE-----

ATTACHMENT 2

EMERGENCY ANNOUNCEMENT

8. **FOR AN EXCLUSION AREA EVACUATION, ADD**

☐ a. *"All personnel not assigned emergency response duties shall evacuate the Nine Mile Point Exclusion Area immediately and report to:"* (select appropriate)

☐ 1. *"Offsite Assembly Area located on Howard Road in Volney (or provide other location as appropriate)*

_____

Maps may be obtained from security as you exit."

OR

☐ 2. *"Home"*

"Personnel who entered the site at Unit 1 should exit via the Unit 1 security building, personnel who entered the site at Unit 2 should exit via the Unit 2 security building. Maps may be obtained from security as you exit."

☐ b. **IF NECESSARY ADD:**

☐ Personnel are to leave the area using the access road heading towards Oswego.

☐ Personnel are to leave the area using the access road heading towards JAF and Route 29.

9. **IF APPROPRIATE, ADD:**

☐ a. *"Personnel in protective clothing should"* (select appropriate):

☐ 1. *"Leave the area removing PCs as indicated at the step off pad."*

☐ 2. *"Leave the area immediately and obtain Radiation Protection assistance at the access control point.*

10. **IF APPROPRIATE, ADD:**

☐ a. *"There is no eating, drinking, or smoking within the protected area until further notice."*

11. **Always add**

☐ *"I repeat this is/is not a drill."*

12. Repeat the alarm and announcement so that it is made 2 (two) times.

13. Leave GAItronics in merge mode for the duration of the event.

(C2) 14. Upon completion return this attachment to the EP Dept.

ATTACHMENT 3

Date:_____
Time:_____

Accountability Report Printout Initiated

(When requested by the Personnel Accountability Coordinator during accountability)

Instructions:

1. Place GAltronics in Merge
2. Sound Station Alarm for 10 Seconds
3. Announce,

   a. *"Attention. Attention all personnel. This (is/is not) _____ a drill. All personnel who have not yet carded in at an assembly area should card in now.*

   b. (Provide additional information if appropriate)

   _____
   _____
   _____

   c. *"I repeat this is/is not _____ a drill"*

4. Repeat Alarm and Announcement.
5. Leave GAltronics in merge for the duration of the event.
6. (C2) Upon completion return this attachment to the EP Dept.

ATTACHMENT 4

Date:_____
Time:_____

Failure of the personnel Accountability Computer

(When notified by the Personnel Accountability Coordinator of a failure of the accountability computer)

Instructions:

1. Place GAltronics in Merge
2. Sound Station Alarm for 10 Seconds
3. Announce,

   a. *"Attention, Attention all personnel. This is/is not _____ a drill. The personnel accountability computer has failed. All Emergency Response Facility Coordinators shall provide a list of personnel in your area to the Personnel Accountability Coordinator as soon as possible.*

   b. (Provide additional information if appropriate)

   _____
   _____
   _____

   c. *"I repeat this is/is not _____ a drill"*

4. Repeat Alarm and Announcement.
5. Leave GAltronics in merge for the duration of the event.
(C2) 6. Upon completion return this attachment to the EP Dept.

ATTACHMENT 5

Date:_____
Time:_____

Status Announcement

(As requested by the SSS/ED, ED/RM or Communications Coordinator)

Instructions:

1. Place GAltronics in Merge
2. Sound Station Alarm for 10 Seconds
3. Announce,

   a. *"Attention. Attention all personnel. This (is/is not) _____ a drill. The following is an emergency status announcement.*

   b. (Provide brief description of current plant status and emergency actions underway).

   _____
   _____
   _____

   c. *I repeat, this (is/is not) _____ a drill."*

4. Repeat Alarm and Announcement.
5. Leave GAltronics in merge for the duration of the event.
6. (C2) Upon completion return this attachment to the EP Dept.

ATTACHMENT 6

Date:_____
Time:_____

De-escalation Announcements
(As requested by the SSS/ED or ED/RM)

Instructions:

1. Place GAItronics in Merge
2. Sound Station Alarm for 10 Seconds
3. Announce,

   a. *"Attention. Attention all personnel. This (is/is not) _____ drill. Nine Mile Point Unit (1 or 2) _____ has de-escalated to a _____ _____* (specify emergency status)

   b. *(Provide additional information if appropriate)*
   _____
   _____
   _____

   c. *All personnel are instructed to standby for further instructions.*

   d. *I repeat, this (is/is not) _____ a drill."*

4. Repeat Alarm and Announcement.
5. Leave GAItronics in merge for the duration of the event.
(C2) 6. Upon completion return this attachment to the EP Dept.

ATTACHMENT 7

Date:_____
Time:_____

Emergency Termination Announcement
(As requested by the SSS/ED or ED/RM)

Instructions:

1. Place GAltronics in Merge
2. Sound Station Alarm for 10 Seconds
3. Announce,

   a. *"Attention. Attention all personnel. This (is/is not) _____ a drill. The emergency condition at Nine Mile Point Unit (1 or 2) ___ has been terminated.*

   b. (Provide further instructions as necessary)

   _____
   _____
   _____
   _____

   c. *I repeat, this (is/is not) _____ a drill."*

4. Repeat Alarm and Announcement.
5. Remove GAltronics from merge.
6. Upon completion return this attachment to the EP Dept.

(C2)

ATTACHMENT 8: EMERGENCY PLAN IMPLEMENTATION

Directions:
1.Determine Initiating Condition(s) requiring implementation of Emergency Plan.
2.Determine the **Emergency Response** actions to be taken, as appropriate from the procedures indicated.

For the conditions below	Implement Emergency Plan Implementing Procedure Number (EPIP-EPP-)																
	01/02	03	04	05A	05B	05C	05D	06	07	08	10	11	15	18	20	21	28
				As appropriate													
Event necessitating increased awareness on the part of local, state and federal authorities	•									•				•	•		
High radiation or high airborne in a local area	•			•	•	•	•	•		•					•	•	
High radiation or high airborne in a General Area	•			•	•	•	•	•	•	•				•	•	•	
Fire within the protected area	•			•	•	•	•						•	•			•
Other conditions requiring protected area or exclusion area evacuation	•				•	•	•	•	•	•				•	•		•
Search and rescue		•	•										•				
Personnel injury or illness requiring transport			•										•	•	•		
Hazmat incident, equipment malfunction or explosion possibility	•			•	•					•		•		•	•		•
Security events	•			•	•		•				•			•	•		

ATTACHMENT 9: ALTERNATE EMERGENCY DUTY LOCATION CHECKLIST

Name:	Date:

NOTES:
1. **IT IS NOT THE INTENT OF THIS CHECKLIST TO ESTABLISH AN ALTERNATE TSC AND/OR OSC.**
2. **IT IS THE INTENT OF THIS CHECKLIST TO PROVIDE GUIDANCE ON ESTABLISHING THE ALTERNATE EMERGENCY DUTY LOCATION TO PROVIDE WHATEVER ASSISTANCE IS POSSIBLE.**
3. **THE KEYS FOR THE OAA (FRONT DOOR AND SUPPLY CABINET) ARE IN THE KEYBOX IN THE NMP PLANT ASSESSMENT ROOM AT THE EOF.**

	Completed	N/A
1. Establish contact with Control Rooms using any telephones available	☐	☐
2. Determine:		
a. Plant status:_____		
b. On-site conditions:_____		
c. Direction of release (if applicable):_____		
d. Emergency Classification Level:_____		
e. Protective Actions initiated on and offsite:_____		
f. Reason site is considered inaccessible:_____		
3. Direct staff to start a log of persons arriving and have each sign in	☐	☐
4. Contact and inform the SSS/ED or ED/RM of personnel available at the Alternate Emergency Duty Location	☐	☐
5. Coordinate the following tasks:		
a. Dispatch Re-entry Survey Teams as directed by the SSS/ED or ED/RM	☐	☐
b. Assist the EOF in developing a coordinated re-entry plan for accessing the site	☐	☐
6. Direct establishment and maintenance of continuous radio contact with teams	☐	☐
7. Continually evaluate survey data and assign a Communications Coordinator to inform Control Rooms and/or Security of needed actions	☐	☐
8. When Re-entry is possible, transfer emergency activities to and activate the Technical Support Center and Operations Support Center in accordance with EPIP-EPP-13	☐	☐
9. Terminate activities at this location	☐	☐
10. Return OAA keys to the EOF keybox	☐	☐

NINE MILE POINT NUCLEAR STATION

EMERGENCY PLAN MAINTENANCE PROCEDURE

EPMP-EPP-08

REVISION 08

MAINTENANCE, TESTING AND OPERATION OF THE OSWEGO COUNTY PROMPT NOTIFICATION SYSTEM

TECHNICAL SPECIFICATION REQUIRED

Approved by:
G. L. Detter

General Manager Support Services

6/25/02
Date

THIS IS A FULL REVISION

Effective Date: 06/28/2002

PERIODIC REVIEW DUE DATE: JUNE 2003

LIST OF EFFECTIVE PAGES

Page No.	Change No.	Page No.	Change No.	Page No.	Change No.
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i	. . . .	24	. . . .		
ii	. . . .	25	. . . .		
1	. . . .	26	. . . .		
2	. . . .	27	. . . .		
3	. . . .	28	. . . .		
4	. . . .	29	. . . .		
5	. . . .	30	. . . .		
6	. . . .	31	. . . .		
7	. . . .	32	. . . .		
8	. . . .	33	. . . .		
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1.0 PURPOSE

To describe the operation, testing and maintenance of the Oswego County Prompt Notification System (PNS).

2.0 PRIMARY RESPONSIBILITY

2.1 Director - Emergency Preparedness

Has overall responsibility for the operation, testing and reporting of the PNS and its activities.

2.2 M&T Communication Group (NMPC)

Coordinates and participates in testing and repair of the PNS sirens.

2.3 Central Region Station Maintenance Group (NMPC)

Assists in testing, repair and maintenance of the PNS sirens.

2.4 Central Regional Operators (NMPC)

Assists in monitoring and problem notification of the PNS.

2.5 Oswego County Emergency Management Office (OCEMO)

Conducts tests and assists in resolution of problems and activation of the PNS.

2.6 National Weather Service (NWS)

Conducts tests and activation of the PNS Tone Alert System.

2.7 Nine Mile Point Computer Group

Provides maintenance for the SAMS computers as needed.

2.8 NMPC Oswego/Volney Line

Provides siren circuit identifications as needed.

3.0 PROCEDURE

3.1 Director - Emergency Preparedness

a. Coordinate scheduling of PNS activities in accordance with EPMP-EPP-01.

b. Complete monthly PNS Summary Form using Attachment 6.3 or equivalent, and send to New York State.

c. Verify all required notifications to the public have been made for all tests requiring siren activations for testing.

d. Verify bi-weekly tests are conducted in accordance with Attachment 2.

e. Verify quarterly tests are conducted in accordance with Attachment 3.

f. Verify annual test is conducted in accordance with Attachment 4.

g. Maintain siren out of service reports (Attachment 6.1).

h. Verify completion of annual maintenance. Attachment 5 may be used to document this activity.

3.2 M&T Communications Group (NMPC)

a. Coordinates quarterly and annual testing of outdoor warning sirens.

b. Assists in scheduling quarterly testing and makes appropriate notifications.

c. Ensures personnel are available to support tests.

d. Maintains manuals and technical literature as appropriate.

e. Provides maintenance crews to respond to siren problems as needed.

f. Assists in performing quarterly tests in accordance with Attachment 3.

g. Assists in performing annual tests in accordance with Attachment 4.

3.3 Central Region Station Maintenance Group (NMPC)

a. Performs corrective and annual preventative maintenance on the Outdoor Warning Siren System. Attachment 5 may be used for preventative maintenance.

b. Forwards inspection and maintenance data to Director Emergency Preparedness.

3.3 (Cont)

c. Maintains manuals and technical literature as appropriate.

d. Maintains Siren Site Maintenance Log.

e. Provides maintenance crews to respond to siren problems as needed.

f. Completes an Out-of-Service Report on becoming aware of sirens requiring repair and forwards to Emergency Preparedness.

g. Forwards inspection and maintenance data to Emergency Preparedness.

h. Provides Station Maintenance Field Teams to participate in quarterly and annual siren tests.

3.4 <u>Central Regional Operators (NMPC)</u>

a. Monitor circuits providing electrical power to sirens.

b. Make appropriate notifications when sirens may not be operational.

3.5 <u>Oswego County Emergency Management Office (OCEMO)</u>

a. Coordinates Oswego County efforts regarding the PNS.

b. Provides PNS materials to the general public in Oswego County.

c. Maintains knowledge of sirens out of service.

d. Conducts biweekly silent tests of sirens. May use Attachment 2.

e. Distributes tone alert radios to appropriate persons within the 10 Mile Emergency Planning Zone.

f. Distributes batteries annually to people issued tone alert radios.

g. Provides special notification to appropriate persons regarding PNS testing.

h. Conducts annual testing of the Oswego County Emergency Alert System radio stations.

i. Forwards monthly, a list of tone alert radio activations to the Director Emergency Preparedness.

j. Activates sirens, as needed.

k. Ensures notification of siren testing is made via news media and advertisements.

ℓ. Provide Oswego County PNS mailings and brochures to the general public.

3.5 (Cont)

m. Conducts quarterly siren tests. May use Attachment 3.

n. Conducts annual siren tests. May use Attachment 4.

3.6 **National Weather Service (NWS)**

a. Activates the tone alert radios on a weekly basis for testing purposes and for drills and actual incidents.

b. Forwards monthly a list of Tone Alert Radio Activations to OCEMO.

3.7 **Nine Mile Point Computer Group - Unit 1**

Perform maintenance on SAMS computers, as needed.

3.8 **Oswego Line/Fulton Line (NMPC)**

a. Confirm circuit identification when requested and/or if they become aware of a change to siren circuit identifications.

b. Notify the Director - Emergency Preparedness when there is a planned line outage that would affect one or more of the sirens.

4.0 DEFINITIONS

4.1 **Emergency Alert System (EAS)**

A system of radio stations organized to permit designated government officials to issue expedient emergency information and instructions in threatened or actual emergencies.

4.2 **Growl Test**

A test in which the siren is activated via Intrac in the Alert Mode, then immediately canceled. In effect, the siren sounds for a portion of one-cycle.

4.3 Motorola System (Intrac)

The Motorola Intrac 2000 Radio Alarm and Control System. This is a "send only" system.

4.4 Oswego County Prompt Notification System (PNS)

The system used for alerting and warning the population of Oswego County through use of sirens and tone alert radios. The alerted population may turn to designated radio stations of the EAS for emergency information and instruction.

4.5 Outdoor Warning Sirens

Outdoor warning sirens located in heavily populated areas within the 10 Mile Emergency Planning Zone (EPZ) designed to alert the general population.

4.6 Siren Activation and Monitoring System (SAMS)

This system monitors system status and activation, and activates sirens.

4.7 Tone-Alert Radio System

A radio receiver system used to alert low density population areas (residential and commercial buildings) in an emergency situation.

5.0 REFERENCES AND COMMITMENTS

5.1 Technical Specifications

None

5.2 Licensee Documentation

5.2.1 Nine Mile Point Site Emergency Plan

5.3 Standards, Regulation, and Codes

5.3.1 10CFR50.72, Immediate Notification Requirements for Operating Nuclear Power Reactors

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

5.3.3 NUREG 1022, Supplement 1, Licensee Event Report System, Description of System and Guidelines for Reporting Events

5.3.4 FEMA REP-10, Standard Guide for the Evaluation of Alert Notification Systems for Nuclear Power Plants

5.4 Policies, Programs, and Procedures

5.4.1 Oswego County Emergency Alert System Procedures

5.4.2 EPMP-EPP-01, Maintenance of Emergency Preparedness

5.4.3 EPIP-EPP-30, Prompt Notification System Problem Response

5.5 Commitments

Sequence Number	Commitment Number	Description
None		

6.0 RECORD REVIEW AND RETENTION

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:

Attachment 2.2
Attachment 3.2
Attachment 4.2
Attachment 5
Attachment 6.1
Attachment 6.3

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

Attachment 4.3
Attachment 6.2

LAST PAGE

ATTACHMENT 1: SYSTEM DESCRIPTION

1.0 SYSTEM COMPONENTS

- Sirens
- Tone Alert Radios
- Emergency Alert System

2.0 SYSTEM COMPONENT DESCRIPTION

2.1 Sirens

a. There are 37 sirens within the 10 mile EPZ. Their purpose is to notify the public of an incident at NMPNS or JAFNPP within 15 minutes.

b. They are primarily located within a 5 mile radius of the site, along the lakeshore, and in heavily populated areas.

c. Siren locations are contained in Attachment 1.1. Circuit identification for sirens is contained in Attachment 1.2.

d. Sirens are tested as follows:

- Bi-weekly siren test (Attachment 2)
- Quarterly full-cycle test (Attachment 3)
- Annual full-cycle test (Attachment 4)

e. Sirens are serviced annually in accordance with Attachment 5, and as-needed to maintain operability.

f. Activation of the sirens is via either of the following:

1. Motorola Intrac System. This consists of a receiver at each siren, and a control/sending unit at the County EOC. The control/sending unit utilizes a VHF transmitter. Additionally, a receiver at the County EOC indicates the successful transmission of a siren "all-call". The capability exists to activate sirens individually, or all at once.

OR

2.1.f (Cont)

2. Siren Activation and Monitoring System (SAMS) gives near real-time status of each siren, and provides for the verification of actual siren activation for incidents and testing as well as activation capability. The system consists of a receiver/transmitter at each siren and at the County EOC and County Warning Point (911 Center), and a computer/visual display at the County EOC and Warning Point. The system monitors electrical power, system tampering, siren audio output and (where applicable) rotation.

g. The siren system meets the design criteria required in FEMA-REP-10.

2.2 Tone Alert Radios

a. Tone alert radios are distributed to people in the 10 mile EPZ who are outside the acoustical range of sirens, and to schools and industrial facilities as needed.

b. The tone alerts receive transmission from the National Weather Service (NWS) on 162.55 MHz. They remain muted until the receipt of a tone transmitted by the NWS, for either testing or alert. The radios have a battery back-up.

c. The transmitter is located on Onondaga Hill, near Syracuse. the site is equipped with emergency power. A dedicated telephone link connects the transmitter to the broadcast console in the NWS office, in Binghamton, NY.

d. The system purpose is identical to that of the sirens.

e. Oswego County monitors new eligible residents. New tone alerts are distributed as needed.

2.3 Emergency Alert System

a. This system is comprised of EAS stations and encoders/decoders.

b. EAS is notified by Oswego County, and provided with a message for dissemination to the public. The EAS stations then transmit an alert signal (encodes), and then re-broadcast the message.

c. Detailed EAS testing and operations procedures are maintained by Oswego County and New York State.

1. Approximately 0.9 miles west of Energy Center driveway
2. End of Lake Road East - junction of Nine Mile Point Road
3. Pleasant Pt. Road (Co. Rt. 44) off North Road (Co. Rt. 1) toward lake, access by wooden gate
4. Co. Rt. 1 east of Co. Rt. 6 near Dempster Beach
5. Butterfly Road - off North Road (Co. Rt. 1) where North Road and 104B meet
6. Mexico Point Road west of 104B (past the marina on right)
7. Ramona Beach Rd. off Route 3, south of golf course
8. Co. Rt. 51A east of Co. Rt. 29 by radio towers
9. Corner of 104 West and Fred Haynes Boulevard
10. Utica Street and Third Avenue - Oswego Gas Dist. Yard
11. E. Schuyler St. & E. Ninth St., behind ice rink
12. Burt Street off W. Third St. past Paloma Sub
13. Gardenier Road - off Co. Rt. 7
14. Co. Rt. 20 off West Fifth St. Rd (Co. Rt. 25)
15. Alcan west entrance, off Co. Rt. 1, .5 mile down dirt road
16. Co. Rt. 1A, 3 miles west of NMP site
17. Co. Rt. 1, between Lakeview Rd and Co. Rt. 29
18. Co. Rt. 29 - Lycoming Fire Barn
19. Middle Road, .5 mile east of Co. Rt. 63
20. Route 104 East and Creamery Road

21. Duke Road, between 104 and Co. Rt. 51A
22. City Line Road - Oswego - South of Speedway by Wine Creek Inn
23. Dutch Ridge Road, off Co. Rt. 4
24. Old Rt. 57 across from Riverside Cemetery
25. Benson Avenue (Co. Rt. 25 by Minetto Fire Barn)
26. Old Rt. 57 between March Rd. and Co. Rt. 45
27. March Road between Kingdom Road and 481
28. Middle Rd., east of Co. Rt. 29
29. Co. Rt. 1 (North Road) - east of Shore Oaks Drive
30. Intersection of 104 and 104B (New Haven)
31. Vermillion, Sundown Rd, off Co. Rt. 35
32. Co. Rt. 16 - Flat Rock Camp Site - south of 104B and Texas
33. 104 and Lincoln Avenue, Mexico (Mexico Sub)
34. 104 East - by Leatherstocking Gun Club approximately, 1.2 mi. east of 104B
35. O'Connor Road east of Co. Rt. 29 just west of power lines
36. Corner of West Utica and 6th Street, Oswego
37. Corner of Co. Rt. 8 and Doolittle Road

ATTACHMENT 1.2: CIRCUIT IDENTIFICATION FOR SIREN SITES

SIREN #	LINE ID #	SUBSTATION/ CIRCUIT NAME	FEEDER #	BREAKER #
1	3	Lake Road	29951	R510
2	3	New Haven	25653	R530
3	5	New Haven	25653	R530
4	41	New Haven	25653	R530
5	5	New Haven	25653	R530
6	22	New Haven	25653	R530
7	33	Pulaski	6868	R680
8	11	New Haven	25653	R530
9	6	West Oswego	20909	R690
10	49	West Oswego	20907	R670
11	139	Wine Creek	28352	R520
12	69	Paloma	25458*	R580
13	37	West Oswego	20909	R690
14	2	Paloma	25456*	R560
15	40	Wine Creek	28354	R540
16	3	Wine Creek	28354	R540
17	1	Wine Creek	28354	R540
18	4	Wine Creek	28354	R540
19	5	Wine Creek	28354	R540
20	7	Wine Creek	28354	R540
21	11	New Haven	25653	R530
22	61	Wine Creek	28353	R530
23	12	Wine Creek	28354	R540
24	17	Seneca Hill	20668	R680
25	4	Seneca Hill	20668	R680
26	1	Seneca Hill	20668	R680
27	11	Seneca Hill	20668	R680
28	5	New Haven	25653	R530
29	5	New Haven	25653	R530
30	3	New Haven	25653	R530
31	10	New Haven	25652	R520
32	18	New Haven	25653	R530
33	1	Mexico	4362	R620
34	3	New Haven	25653	R530
35	23	Wine Creek	28354	R540
36	13	Varick	20703*	R25
37	5	Granby Center	29351	R510

*Supervisory Control by Central Regional Control

ATTACHMENT 2: BI-WEEKLY TEST

1.0 PURPOSE

To verify proper operation of siren control circuitry, Intrac and SAMS receivers and transmitters.

2.0 PROCEDURE

2.1 Oswego County performs the Bi-weekly test in accordance with Attachment 2.1.

2.2 All results are sent to the Nine Mile Point Director of Emergency Preparedness at the end of the month.

ATTACHMENT 2.1: BI-WEEKLY SILENT TEST CHECKLIST

1. OCEMO Actions

   a. Notify County Warning Point (CWP) that bi-weekly test is to be performed.

   b. Verify that printer is on and has sufficient paper.

      NOTE: Up to 3 polls are permitted for satisfactory results. If >3 polls are required, then Acceptance Criteria Met = N.

   c. Perform Intrac test as follows:

      1. Send a Test/Enable signal to all sirens using Intrac. Attachment 2.3 contains required codes.

      2. Initiate an "All Poll" on SAMS.

      3. Record results on Attachment 2.2.

      4. Acceptance criteria for the test is each siren indicating, "Intrac:Enabled" on the SAMS monitor.

   d. Perform SAMS test as follows:

      1. Send an "ARM" signal via SAMS for each siren individually or activate a group of sirens.

      2. Query each siren via SAMS to verify receipt of "ARM" signal by each siren.

      3. Record results on Attachment 2.2.

      4. Acceptance criteria for the test is each siren indicating "Siren:Arm" on the SAMS monitor.

   e. Notify the CWP to conduct the bi-weekly test from their location.

2. CWP (911 Center) Actions

   NOTE: The purpose of this test is to verify operability of the SAMs equipment at the 911 Center.

   a. Send an "ARM" signal to any siren via SAMS.

   b. Query the siren via SAMS to verify receipt of "ARM" signal.

   c. Inform OCEMO of the test results.

3. OCEMO follow up actions

   a. If the above test results indicate the need for repair or investigation, then

      1. Contact Central Regional Control Center (460-2421) or NMPC M&T Communications (460-2379) for repair, AND

      2. Inform Nine Mile Point Emergency Preparedness (EP) of the problem.

   b. Fax the completed Attachment 2.2 to Nine Mile Point EP at 349-4874.

ATTACHMENT 2.2: BI-WEEKLY TEST LOG

Completed by: _____ Location: ☐ EOC ☐ 911 Center Date Conducted: _____

SIREN #	INTRAC ACCEPTANCE CRITERIA MET?		SAMS ACCEPTANCE CRITERIA MET?		COMMENTS (include sensor failures, multiple tries, communication failures, etc)
	Y	N	Y	N	
1	☐	☐	☐	☐	
2	☐	☐	☐	☐	
3	☐	☐	☐	☐	
4	☐	☐	☐	☐	
5	☐	☐	☐	☐	
6	☐	☐	☐	☐	
7	☐	☐	☐	☐	
8	☐	☐	☐	☐	
9	☐	☐	☐	☐	
10	☐	☐	☐	☐	
11	☐	☐	☐	☐	
12	☐	☐	☐	☐	
13	☐	☐	☐	☐	
14	☐	☐	☐	☐	
15	☐	☐	☐	☐	
16	☐	☐	☐	☐	
17	☐	☐	☐	☐	
18	☐	☐	☐	☐	
19	☐	☐	☐	☐	
20	☐	☐	☐	☐	
21	☐	☐	☐	☐	
22	☐	☐	☐	☐	
23	☐	☐	☐	☐	
24	☐	☐	☐	☐	
25	☐	☐	☐	☐	
Total Number (each column)					

ATTACHMENT 2.2 (Cont)

SIREN #	INTRAC ACCEPTANCE CRITERIA MET?		SAMS ACCEPTANCE CRITERIA MET?		COMMENTS (include sensor failures, multiple tries, communication failures, etc)
	Y	N	Y	N	
26	☐	☐	☐	☐	
27	☐	☐	☐	☐	
28	☐	☐	☐	☐	
29	☐	☐	☐	☐	
30	☐	☐	☐	☐	
31	☐	☐	☐	☐	
32	☐	☐	☐	☐	
33	☐	☐	☐	☐	
34	☐	☐	☐	☐	
35	☐	☐	☐	☐	
36	☐	☐	☐	☐	
37	☐	☐	☐	☐	
Total Number (Each column. Include previous page)					

***NOTE**: For Intrac Only: Up to 3 polls are permitted for satisfactory results. If >3 polls are required, then Acceptance Criteria Met = N.

CWP Acceptance Criteria met? ☐ Yes ☐ No

☐ No need for repair or investigation

☐ Repair or investigation needed. Action taken:

_____

_____

_____

EP USE ONLY

Total number of siren tests performed _____

Total number of sirens successfully passing the bi-weekly tests _____

ATTACHMENT 2.3: SIREN ADDRESS CODES (INTRAC)

SIREN SITE NO.	STATION CALL (Activates Individual Siren)
1	41A
2	42A
3	20A
4	21A
5	22A
6	1A
7	2A
8	23A
9	60A
10	61A
11	62A
12	63A
13	64A
14	65A
15	43A
16	44A
17	45A
18	46A
19	47A
20	51A
21	52A
22	66A
23	53A
24	67A
25	71A
26	10A
27	11A
28	54A
29	24A
30	25A
31	12A
32	3A
33	5A
34	26A
35	55A
36	72A
37	73A
All Sirens	40A

ATTACHMENT 3: QUARTERLY TESTING

1.0 PURPOSE

1.1 To verify proper operation of siren control circuitry, mechanicals, sensors and Intrac and SAMS receivers and transmitters.

2.0 PROCEDURE

2.1 Oswego County performs the quarterly test in accordance with Attachment 3.1.

2.2 NMPNS Coordinates the performance of surveillance and repair functions as needed.

2.3 All results are sent to the Nine Mile Point Director of Emergency Preparedness.

ATTACHMENT 3.1: QUARTERLY TEST ACTIONS

NOTE: Portions of the quarterly tests may be conducted from CWP.

1. OCEMO notifies CWP that test is to be performed.

2. Verify readiness of NMPC siren repair (Station Maintenance or Communications Group).

3. When requested by NMPC siren repair, activate the siren via SAMS as follows:

   a. Activate the siren in the "Alert" mode.

   b. Observe results on SAMS monitor.

   c. Record results on Attachment 3.2.

   d. Acceptance criteria for the test is each siren sounding for 3 minutes, rotating (where applicable) and shutdown at the end of the 3 minute cycle.

   NOTE: Performance of the feedback functions of SAMS are NOT applicable to this test. That is, failures of audible, rotation, AC power or other SAMS sensors shall NOT affect whether the test met acceptance criteria.

4. When requested by NMPC siren repair, growl test the siren via Intrac (from OCEMO only) as follows:

   NOTE: Up to 3 attempts are permitted for satisfactory results. If >3 attempts are required, then Intrac Growl Acceptance Criteria Met = N.

   a. Send a "Test/Enable" via Intrac.

   b. Send an "Alert".

   c. Immediately follow with a "Cancel".

   d. Record results on Attachment 3.2.

   e. Acceptance criteria for the test is each siren briefly sounding, as indicated by the NMPC siren repair.

5. If the above test results indicate the need for repair or investigation, then:

   a. Contact Central Regional Control Center (460-2421) or NMPC Radio (460-2379) for repair, AND

   b. Inform Nine Mile Point EP of the problem.

6. Attach computer printout associated with the test to Attachment 3.2.

7. Fax the completed Attachment 3.2 and associated computer printout to Nine Mile Point EP at 349-4874.

ATTACHMENT 3.2: QUARTERLY SIREN TESTING LOG

Completed by: _____ Date Conducted: _____

SIREN #	SAMS ACTIVATION ACCEPTANCE CRITERIA MET?		INTRAC GROWL ACCEPTANCE CRITERIA MET?		COMMENTS (include sensor failures, multiple tries, communication failures, etc)
	Y	N	Y	N	
1	☐	☐	☐	☐	
2	☐	☐	☐	☐	
3	☐	☐	☐	☐	
4	☐	☐	☐	☐	
5	☐	☐	☐	☐	
6	☐	☐	☐	☐	
7	☐	☐	☐	☐	
8	☐	☐	☐	☐	
9	☐	☐	☐	☐	
10	☐	☐	☐	☐	
11	☐	☐	☐	☐	
12	☐	☐	☐	☐	
13	☐	☐	☐	☐	
14	☐	☐	☐	☐	
15	☐	☐	☐	☐	
16	☐	☐	☐	☐	
17	☐	☐	☐	☐	
18	☐	☐	☐	☐	
19	☐	☐	☐	☐	
20	☐	☐	☐	☐	
21	☐	☐	☐	☐	
22	☐	☐	☐	☐	
23	☐	☐	☐	☐	
24	☐	☐	☐	☐	
25	☐	☐	☐	☐	
Total Number (each column)					

ATTACHMENT 3.2: (Cont)

Completed by: _____ Date Conducted: _____

SIREN #	SAMS ACTIVATION ACCEPTANCE CRITERIA MET?		INTRAC GROWL ACCEPTANCE CRITERIA MET?		COMMENTS (include sensor failures, multiple tries, communication failures, etc)
	Y	N	Y	N	
26	☐	☐	☐	☐	
27	☐	☐	☐	☐	
28	☐	☐	☐	☐	
29	☐	☐	☐	☐	
30	☐	☐	☐	☐	
31	☐	☐	☐	☐	
32	☐	☐	☐	☐	
33	☐	☐	☐	☐	
34	☐	☐	☐	☐	
35	☐	☐	☐	☐	
36	☐	☐	☐	☐	
37	☐	☐	☐	☐	
Total Number (Each column. Include previous page)					

NOTE: Intrac Growl Only: Up to 3 attempts are permitted for satisfactory results. If >3 attempts are required, then Acceptance Criteria Met = N.

An **asterisk*** next to the siren number indicates that the test originated from the 911 Center

☐ No need for repair or investigation

☐ Repair or investigation needed. Action taken:

_____

_____

_____

_____

EP USE ONLY

Total number of siren tests performed _____

Total number of sirens successfully passing the quarterly tests _____

ATTACHMENT 4: ANNUAL FULL SYSTEM TEST

1.0 PURPOSE

1.1 To verify proper operation of siren control circuitry, mechanicals, sensors and Intrac and SAMS receivers and transmitters.

1.2 To verify coordination between all components of the PNS (i.e. - sirens, Tone Alert and EAS).

2.0 PROCEDURE

2.1 Oswego County Emergency Management Office performs the annual test in accordance with Attachment 4.1

2.2 NMPNS Emergency Preparedness provides overall test coordination in accordance with this procedure.

2.3 NMPC Station Maintenance or Communications Group performs surveillance and repair functions as needed.

2.4 All results are sent to the Nine Mile Point Director of Emergency Preparedness.

Description of Actions

One week prior to test:

1. Verify with OCEMO director that all public notifications have been performed.

Prior to test:

NOTE: If any sirens are known to have inoperative SAMS before the test, an observer shall be placed at that siren, and the test results recorded on Attachment 4.3, Siren Activation Report.

1. Verify proper operation of SAMS terminal and printer. Ensure proper printer paper supply.

2. Place EAS station on standby.

3. Place National Weather Service (NWS) on standby.

4. Notify County Fire Control and Sheriff of impending activation.

5. Establish open phone lines with EAS Station and NWS.

At activation time, the following actions are to occur:

1. SAMS operator to send an "Alert" signal to all sirens using OCEMO procedure.

2. EAS Station activates the EAS system.

3. NWS activates the Tone Alert system.

After all sirens have reported back in:

1. Record results onto Attachment 4.2, "Annual PNS Test Results Log" using printout from SAMS printer.

2. Send an individual "Cancel" signal to any sirens suspected of not having silenced.

3. Note the EAS and Tone Alert test results on Attachment 4.2.

4. Acceptance Criteria

   a. Siren Functions Properly - Yes = A 3 minute (± 30 sec) activation with rotation (if applicable) with siren shutdown at the end of the 3 minute cycle. This may be verified by:

      1. Actual observation (document with Attachment 4.3)

      2. Use of SAMS indication (document with SAMS printout)

   b. Siren Functions Properly - No = Any deviation from the above.

   c. EAS Test Successful:

      Yes = Timely activation of EAS stations and transmission of the correct message.

   d. Tone Alert Test Successful:

      Yes = Timely activation of tone alert (or substitute) with transmission of the correct message.

5. If the above test results indicate the need for repair or investigation, then:

   a. Contact Central Regional Control Center (460-2421) or NMPC M&T Communications for repair, to siren system.

   b. Inform Nine Mile Point EP of the problem.

6. Fax the completed Attachment 4.2 and any associated paperwork (such as computer printouts or Attachment 4.3) to Nine Mile Point EP at 349-4874.

ATTACHMENT 4.2: ANNUAL PNS TEST RESULTS LOG

Completed by: _____ Activation Date/Time _____

SIREN #	SAMS ACTIVATION ACCEPTANCE CRITERIA MET? Y	N	COMMENTS (include sensor failures, multiple tries, communication failures, etc)
1	☐	☐	
2	☐	☐	
3	☐	☐	
4	☐	☐	
5	☐	☐	
6	☐	☐	
7	☐	☐	
8	☐	☐	
9	☐	☐	
10	☐	☐	
11	☐	☐	
12	☐	☐	
13	☐	☐	
14	☐	☐	
15	☐	☐	
16	☐	☐	
17	☐	☐	
18	☐	☐	
19	☐	☐	
20	☐	☐	
21	☐	☐	
22	☐	☐	
23	☐	☐	
24	☐	☐	
25	☐	☐	
Total Number (each column)			

ATTACHMENT 4.2: (Cont)

Completed by: _____ Date Conducted: _____

SIREN #	SAMS ACCEPTANCE CRITERIA MET? Y	N	COMMENTS (include sensor failures, multiple tries, communication failures, etc)
26	☐	☐	
26	☐	☐	
27	☐	☐	
28	☐	☐	
29	☐	☐	
30	☐	☐	
31	☐	☐	
32	☐	☐	
33	☐	☐	
34	☐	☐	
35	☐	☐	
36	☐	☐	
37	☐	☐	
Total Number (Each column. Include previous page)			

EAS Activate Properly? ☐ Yes ☐ No

Tone Alert Activate Properly? ☐ Yes ☐ No

☐ No need for repair or investigation

☐ Repair or investigation needed. Action taken:

_____

_____

_____

_____ EP USE ONLY

Total number of siren tests performed _____

Total number of sirens successfully passing the annual tests _____

ATTACHMENT 4.3: SIREN ACTIVATION REPORT

NOTE: This form only to be used during Annual PNS Test for sirens whose SAMS is not communicating properly.

Observers Name: _____ Siren # _____

Activation Time: _____ Activation Date: _____

Activation Duration: _____

Horn Rotation: ☐ YES ☐ NO ☐ N/A

Comments: _____

_____

_____

Signature: _____

ATTACHMENT 5: ANNUAL SIREN INSPECTION CHECKLIST Sheet 1 of 3

SITE # _____ INSPECTION BY: _____ DATE INSPECTED _____

"CONTROL BOX AND SAMS BOX"

	Initials/Date
Check all circuit breakers	___/___
Check incoming AC voltage	___/___
Check amps on blower	___/___
Check amps on rotator	___/___
Check all electrical connections	___/___
Check all mechanical connections	___/___
After leads have been lifted (Intrac only):	
Check alert mode	___/___
Check cancel mode	___/___
Clean interior of both control box and SAMS box	___/___
Check tamper switches	___/___
Check counter operation	___/___
Check heaters and thermostats	___/___
Check for moisture and bugs (clean if needed)	___/___
Check receptacle	___/___
Check audio sensor	___/___

"BLOWER PLATFORM (where applicable)"

Check for nests	___/___
Check belt condition and alignment	___/___

ATTACHMENT 5: ANNUAL SIREN INSPECTION CHECKLIST Sheet 2 of 3

SITE # _____ INSPECTION BY: _____ DATE INSPECTED _____

"BLOWER PLATFORM (where applicable)"

	Initials/Date
Check and oil blower relief valve	___/___
Grease blower (3 phase motors where applicable)	___/___
Check oil level in blowers and change if needed	___/___
Check capacitors in single phase motors	___/___
Check air intake screens on blower	___/___
Check hoses on blower	___/___
Check electrical connectors	___/___
Check mechanical connections	___/___

"TOP OF POLE"

Check screens	___/___
Check and adjust if necessary: foot pounds on horn rotation	___/___
Check belts on rotator	___/___
Check oil level in gear reducer	___/___
Check capacitor on rotator motor	___/___
Check rotation sensor and magnets	___/___
Check antenna and spray connection	___/___
Check solenoid slide valves on fire sirens	___/___
Check and lubricate gears if needed	___/___
Check brushes on STH10 and 3T 22B models	___/___
Check and fill grease cups	___/___

ATTACHMENT 5: ANNUAL SIREN INSPECTION CHECKLIST Sheet 3 of 3

SITE # _____ INSPECTION BY: _____ DATE INSPECTED _____

"TOP OF POLE"

	Initials/Date
Bounce chopper and check bearings	____/_____
Check all electrical connections	____/_____
Check all mechanical connections	____/_____

"CONTROL BOX"

Check timer settings	____/_____
Check automatic switch settings	____/_____
Check blower/chopper lead replacement	____/_____

Counter readings when left T/E _____ alert _____ attack _____ motor _____

COMMENTS:

ATTACHMENT 6: RECORDKEEPING

1.0 PURPOSE

1.1 To provide the required tracking and reporting of PNS activities.

2.0 PROCEDURE

2.1 A siren out of service report (Attachment 6.1) should be completed any time a siren is incapable of being activated.

2.2 A Siren Site Maintenance Log Sheet (Attachment 6.2) may be completed for all major siren maintenance or repair activities. This should be limited to those incidents that remove a siren from service or have the potential to do so.

2.3 Nine Mile Point Director of Emergency Preparedness shall direct completion of Monthly PNS Summary Form (Attachment 6.3), and verify its transmission to New York State Emergency Management Office.

The report shall contain the monthly and yearly availability, calculated as follows:

$$\text{Monthly availability (\%)} = \frac{[(37 \text{ sirens} \times 24 \text{ hrs} \times \# \text{ days in month}) - (\#\text{hrs out of service for all sirens})]}{(37 \text{ sirens} \times 24 \text{ hrs} \times \# \text{ days in month})} \times 100$$

$$\text{Yearly availability (\%)} = \frac{[\text{sum of 12 monthly availabilities}]}{12}$$

NOTE: The design criteria is that yearly availability must remain >90%.

ATTACHMENT 6.1: SIREN OUT-OF-SERVICE REPORT

Siren Site No. _____ Date of Report ___/___/___

Date and Time Siren Out _____

Date and Time Siren In _____

Description of Failure: _____
_____
_____
_____

Corrective Actions Taken: _____
_____
_____
_____

Form completed by _____
Signature

cc: Oswego County Emergency Management Office
Supervisor, Central Regions Communications Group NMPC
Supervisor, Station Maintenance NMPC
Director - Emergency Preparedness, Nine Mile Point Nuclear Station

ATTACHMENT 6.2: SIREN SITE MAINTENANCE LOG

Site # _____

Date	Remarks

ATTACHMENT 6.3: MONTHLY PNS SUMMARY FORM

	MONTHLY SUMMARY OF TESTING AND MAINTENANCE OF THE OSWEGO COUNTY PROMPT NOTIFICATION SYSTEM	Month/Year /

Outdoor Siren System	Location Initiated	Date(s) Occurred	Expected
Polling	☐ Emergency Management Office ☐ Other: _____		Daily
Silent Test	☐ Fire Control ☐ Emergency Management Office ☐ Other: _____		Biweekly
Quarterly Test	☐ Fire Control ☐ Emergency Management Office ☐ Other: _____		Quarterly
Full System Test	☐ Fire Control ☐ Emergency Management Office		Annually

Tone Alert Radios

Tone Activation	☐ National Weather Service ☐ Other _____		Monthly

AS

Tone Activation	☐ Emergency Management Office ☐ Other _____		Annually

Brief description of any problems found and resolution of such problems:

Monthly Siren Availability (%):	Year-to-Date Siren Availability (%):