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## EMERGENCY TERMINATION AND RECOVERY

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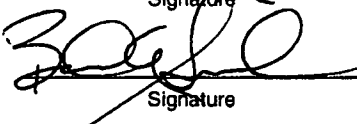
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## **Emergency Termination and Recovery**

### **1.0    PURPOSE**


- 1.1    This procedure provides guidance for the transition into, conduct of operations while in, and termination of the recovery phase of a classified emergency event involving the implementation of the Indian Point Energy Center Emergency Plan.
- 1.2    This procedure is entered when:
  - 1.2.1. An event has been classified as an emergency in accordance with Indian Point Emergency Classification procedure.
  - 1.2.2. Conditions have stabilized and the Emergency Director is preparing to terminate the emergency.

### **2.0    REFERENCES**


- 2.1    Indian Point Energy Center Emergency Plan
- 2.2    Referenced Emergency Plan Implementing Procedures
- 2.3    NUREG-0654
- 2.4    Reportability Determination Procedures

### **3.0    DEFINITIONS**

- 3.1    Recovery Goals
  - 3.1.1. To assess onsite and offsite consequences of the emergency.
  - 3.1.2. Identify and plan for clean up and repair operations as necessary to return plant to pre-event conditions.
  - 3.1.3. Investigate the causes of the event and plan actions to prevent recurrence.
- 3.2    Federal Response
  - 3.2.1. The NRC and/or FEMA will coordinate support from multiple federal government agencies.
  - 3.2.2. Federal Agencies may request Entergy provide logistical resources (space, phones, etc.) to aid in their recovery efforts.
- 3.3    Critique - A fact finding meeting with the individuals involved in the occurrence to review the event(s), cause(s) and actions leading up to and throughout the declaration of an emergency.

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- 3.4 **Root Cause Report** - A written report that summarizes the facts and assigns corrective actions. The report includes the facts of the emergency, describes the root cause(s) of any emergency response problems and recommends corrective actions. This report shall be developed using approved procedures for documenting events, which are deemed "significant condition adverse to quality".
- 3.5 **Event Summary Report** - A written report summarizing the incident prepared for delivery to offsite authorities (NRC, State and local). This report is required within 24 hours of terminating a Notification of Unusual Event (NUE) and within 8 hours of terminating any higher event. The final Part 1, of the NYS Radiological Emergency Data Form may be used as the Event Summary Report for NUEs.
- 3.6 **Investigation** - An investigation is conducted to evaluate the event causes, actions and response each time the emergency plan is implemented. This will be accomplished by a close examination of the facts through critiques, interviews, and a review of pertinent documentation and logs.
- 3.7 **Transition** - The passage from the emergency phase into the Recovery phase of an accident. Transition is the period of time following the stabilization of the emergency when plans and personnel necessary to the recovery are developed and identified. Transition activities are performed while in a classified event and immediately after termination. The emergency should not be terminated until a Recovery Plan Outline has been developed and a Recovery Organization identified.
- 3.8 **Termination** - The point at which the classified emergency event is no longer considered to be an emergency. Termination of the emergency is formally identified by transmission of change of status on a NYS Radiological Emergency Data Form and entry into Recovery.
- 3.9 **Recovery** - The classification describing the plant status and organization which occurs after the emergency situation has been controlled/corrected and the event has been terminated. Recovery consists of the actions required to restore the plant to its pre-incident condition or to place the plant into a safe, long-term shutdown condition.


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#### **4.0 RESPONSIBILITIES**

##### **NOTE**

Once most recovery issues have been identified and a system of tracking them to completion has been established, IPEC and Corporate organizations may return to a routine organizational structure using non-recovery position titles.

- 4.1 The Site Recovery Director is responsible for:
  - 4.1.1. Ensuring IPEC units are maintained in a safe condition.
  - 4.1.2. Directing onsite recovery activities during the initial recovery phase.
  - 4.1.3. Keeping the Corporate Support Manager apprised of IPEC Site activities and requirements.
- 4.2 The Onsite Recovery Manager is responsible for:
  - 4.2.1. Overseeing development of plant specific recovery issues.
  - 4.2.2. Keeping the Site Recovery Director apprised of onsite activities and requirements.
- 4.3 The Offsite Recovery Manager is responsible for:
  - 4.3.1. Overseeing development of offsite (state and county) recovery issues.
  - 4.3.2. Keeping the Site Recovery Director apprised of offsite activities and requirements.
- 4.4 The Company Spokesperson is responsible for:
  - 4.4.1. Overseeing development of public information recovery issues.
  - 4.4.2. Keeping the Site Recovery Director apprised of public information activities and requirements.
- 4.5 The Corporate Support Manager is responsible for:
  - 4.5.1. Overseeing development of corporate recovery issues dealing with support of the site.
  - 4.5.2. Ensuring Site Recovery Director is aware of Entergy Corporate's goals and expectations for recovery of IPEC after an event.
  - 4.5.3. Ensuring adequate support to the site to carry out recovery activities.

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## 5.0 DETAILS

### 5.1 Transition and Recovery Following an Unusual Event

#### **NOTE**

The steps described in Sections 5.2 and 5.3 shall be used whenever the classification level has exceeded an Unusual Event.

#### 5.1.1. The Emergency Director shall:

- a. Direct the completion and distribution of a NYS Radiological Emergency Data Form Part I to signify termination of the Unusual Event. Summarize event in description section of form so this notification can also be considered the Event Summary Report.

- b. Direct the CCRs to announce the following (or similar) message to plant personnel over the public address system:

"Attention all personnel, attention all personnel. The Notification of Unusual Event has been terminated. I repeat, the Notification of Unusual Event has been terminated."


- c. Notify a qualified Emergency Director to enter this procedure upon entry into Recovery from a Notification of Unusual Event. This individual becomes the Site Recovery Director.

#### 5.1.2. The Site Recovery Director shall:

- a. Ensure any reportable event(s) is/are reported to the NRC per station procedures.
- b. Convene an event review meeting immediately following termination from the Unusual Event. The review should involve key participants from the event and focus on the creation of a response timeline and gathering of all response materials and records generated during the NUE. The establishment of lessons learned and the generation of follow up action items maybe initiated during the following business day.

The key participants should include personnel that conducted or assisted with the following:

- Classification of the event
- Notifications to offsite authorities
- Initial response to the event
- Interface with offsite responders (i.e., fire, medical, police)

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- c. Ensure that a Root Cause Investigation is initiated, in coordination with the Licensing and Emergency Preparedness Managers.
- d. Ensure that identified corrective actions are assigned to appropriate organizations and a method is established for tracking items to completion.

## 5.2 Transition Following an Alert or Higher Classification

5.2.1. As conditions improve and additional personnel and resources become available, certain recovery activities should be initiated prior to termination of the emergency. The process for transition to Recovery is illustrated in Attachment 9.1, Illustrated Recovery Process.

### 5.2.2. The Emergency Director shall:

- a. Verify that the following conditions are met prior to transition into the recovery phase:
  - 1. **IF** the plant is not currently in cold shutdown, **THEN** the plant is in process of being cooled down to cold shutdown with assurance of the availability of long-term core cooling mechanisms.
  - 2. Releases of radioactive material to the environment have ceased.
  - 3. Radiation levels in-plant are stable or decreasing with time.
  - 4. Conditions do not significantly limit site access by plant personnel or necessary support resources. (Including Security events that may have prohibited access).
- b. Review the EALs and document any that are still being exceeded. This review shall include a fission product barrier integrity status assessment. Develop a written explanation why exceeding the EAL no longer requires remaining in the Emergency Classification required by the EAL (e.g., plant now being cooled down, removing driving force for impact on offsite areas, etc.). Distribute the explanation to affected unit Shift Managers so that unnecessary reclassifications are avoided.
- c. Determine Emergency Response Facilities staffing requirements until a Recovery Plan Outline describing the necessary Recovery Organization has been approved (see Attachment 9.2, Recovery Plan Outline).

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1. For events of the Alert classification, Emergency Response Organization personnel may be adequate to perform initial recovery actions prior to returning to the normal Indian Point Organization.
2. For event classifications of a Site Area Emergency or a General Emergency, the basic Recovery Organization (as illustrated in Attachment 9.3, Typical Recovery Organization) should be established. Additional positions may be assigned to perform specific recovery activities.

**NOTE:**

Detailed plans and procedures are not required to be developed prior to event termination and entry into Recovery. However, a Recovery Plan Outline should be completed and the recovery organization management positions identified and ready for staffing.

- d. If possible, ensure that key ERO members initially responding to the event are debriefed prior to discharge from the site so their input can be captured while recollection of the event is fresh.
- e. Direct the Emergency Plant Manager (EPM), Plant Operations Manager (POM) and the Company Spokesperson (or JIC Director) to each develop an Issues/Strategies Package, Attachment 9.5 and determine the Onsite and Public Information Recovery Organization staffing requirements, Attachment 9.7. Use the attachments as guidance.
- f. Develop an Offsite Issues/Strategies Package, Attachment 9.6 and determine the Offsite Recovery Organization staffing requirements using this attachment for guidance.
- g. Convene a joint conference with the EPM, POM, Company Spokesperson (or JIC Director) and Corporate Support Manager to:
  1. Review the Recovery Issues/Strategies Packages.
  2. Review the Recovery Organization staffing requirements.
  3. Develop and approve the Recovery Plan Outline.
- h. Conduct a formal discussion with regulatory, State and local authorities to ensure coordinated entry into Recovery.
- i. Complete and distribute a NYS Radiological Emergency Data Form Part I to signify entry into Recovery.



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- j. Concurrent with offsite notification, have the CCRs announce the following message (or similar message) to plant personnel over the public address system:

*"Attention all personnel, attention all personnel. The emergency has been terminated and we have entered Recovery. I repeat, the emergency has been terminated and we have entered Recovery."*

- k. Notify the ERO of the decision to terminate the emergency and enter into Recovery.

### 5.3 Recovery Following an Alert or Higher Classification

#### NOTE:


Select emergency response facilities or portions thereof may remain activated for some time after event termination during Recovery (for example, the Joint Information Center or communications portions of the EOF).

#### 5.3.1. The Corporate Support Manager should:

- Work closely with the Site Recovery Director to ensure all resources are available to maintain the plant(s) in a safe condition.
- Coordinate with Entergy Corporate and the site, efforts to return plant to pre-event conditions or identify company goals and expectations for the IPEC personnel after an event.
- Identify and document issues relating to recovery operations using guidance in Attachment 9.4, Corporate Recovery Issues/Strategies Guide and to provide support as to the site as needed.

#### 5.3.2. The Site Recovery Director should:

- Ensure non-emergency (10 CFR 20) limits and controls for radiation exposure are used for repair activities conducted during Recovery (see existing plant exposure control procedures for guidance).
- Within eight (8) hours of entering Recovery, complete an Event Summary Report and transmit it to offsite authorities. Attachment 9.8, Event Summary Report Format, provides guidance on report content and format.
- Ensure existing plant procedures, or procedures developed for specific tasks are used for plant repair activities during Recovery.


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- d. Maintain a log of specific recovery actions taken such as:
  - 1. Specific actions taken per this procedure.
  - 2. Communications with offsite authorities related to emergency and/or Recovery.
  - 3. Meetings held to discuss conduct /close out of the Recovery phase.
- e. Ensure any reportable event(s) is/are reported per station procedures (events such as 10CFR50.72, 10CFR20 Subpart M, or Unit Technical Specifications).
- f. Approve any special procedures developed for recovery activities outside the plant.
- g. As necessary, determine the scope and direct the Onsite Recovery Manager to conduct an investigation and develop a Root Cause Investigation Report in accordance with station procedures.
- h. Ensure action items identified during the transition phase are entered for tracking per the corrective action program.
- i. Direct and/or coordinate all actions of the Recovery Organization, and approve any reports released to offsite authorities.
- j. Continue to develop and direct the activities of the Recovery Plan and supporting procedures.
- k. Continue verification and approval of information released by the Company Spokesperson or Public Information Organization that pertains to the emergency or recovery from the accident.

5.3.3. The Onsite Recovery Manager should perform the following as required:

- a. Continue to identify and document issues relating to Recovery operations using guidance in Attachment 9.5, Onsite Recovery Issues/Strategies Guide, and the corrective action program.
- b. Develop and implement the Recovery Plan and procedures for onsite activities. Procedures used for outage planning should be used to plan and schedule details of specific tasks.

5.3.4. The Offsite Recovery Manager should perform the following as required:

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- a. Continue to identify and document issues relating to recovery operations using guidance in Attachment 9.6, Offsite Recovery Issues/Strategies Guide, and the corrective action program.
- b. Develop and implement the Recovery Plan and procedures for offsite activities.
- c. Communicate with offsite agencies and coordinate Entergy assistance for offsite recovery activities as needed.
- d. Develop and deliver any post-accident reports to offsite agencies (such as; development of an offsite accident analysis report).
- e. Coordinate Entergy environmental sampling activities. This should include calculations for total population exposure based on data from available sources and/or mathematical modeling.
- f. Develop a radiological release report including an estimation of the total projected population exposure as applicable.
- g. Coordinate a post-event critique with State and County Officials. This event should be held within approximately 60 days of the event.


5.3.5. The Company Spokesperson (or JIC Director) should direct the following as required:

- a. Continue to identify and document issues relating to recovery operations using guidance in Attachment 9.7, Public Information Recovery Issues/Strategies Guide, and the corrective action program.
- b. Construct and implement the Recovery Plan and procedures for Public Information activities.

#### 5.4. Exit from Recovery

5.4.1. The recovery phase can be terminated for a Notification of Unusual Event, when the Station Management has ensured the following:

- a. Corrective items are assigned to the responsible organizations and entered into the PCRS for tracking.
- b. Plant conditions warrant exiting the recovery phase (i.e. normal station staff is now performing all required recovery actions)

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5.4.2. For any event or series of events which reached an Alert classification or higher, the Site Recovery Director should consider the following prior to terminating the recovery phase:

- a. Onsite and offsite organizations involved with the emergency and the recovery have been appraised of the existing conditions and of the anticipated termination of activities.
- b. The news media has received a final status report on the emergency and recovery operations.
- c. The emergency response facilities are no longer required, and actions have commenced to restore them to their pre-emergency condition.
- d. A thorough review of all actions taken during the emergency and recovery phases has been conducted and a Root Cause Investigation Report has been prepared.
- e. Necessary revisions of the Indian Point Emergency Plan and Implementing Procedures have been identified and provided to the Emergency Planning Department Manager.

## 5.5 Terminate the Recovery Phase

5.5.1. Issue a Root Cause Report containing the Root Cause Investigation and a summary of major action items identified. This should be done in the form of a memo to the IPEC Site Vice President with copies going to all personnel involved in the event (use of computer distribution to all plant personnel is preferred).


5.5.2. Ensure that the Root Cause Report, along with all emergency records (position logs and forms completed per Emergency Plan Implementing Procedures), are collected and submitted for records retention.

## 6.0 INTERFACES

6.1 IP-EP-250, Emergency Operations Facility

6.2 IP-EP-120, Emergency Classification

6.3 IP-EP-130, Emergency Notification and Mobilization

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## **7.0 RECORDS**


Any logs, reports or forms completed after an emergency has been declared and the Recovery Phase is entered are permanent quality records.

## **8.0 REQUIREMENTS AND COMMITMENTS**

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

## **9.0 ATTACHMENTS**


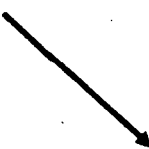

- 9.1 Illustrated Recovery Process
- 9.2 Recovery Plan Outline
- 9.3 Typical Recovery Organization
- 9.4 Corporate Recovery Issues/Strategies Guide
- 9.5 Onsite Recovery Issues/Strategies Guide
- 9.6 Offsite Recovery Issues/Strategies Guide
- 9.7 Public Information Recovery Issues/Strategies Guide
- 9.8 Event Summary Report Format

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Attachment 9.1


**ILLUSTRATED RECOVERY PROCESS**

Sheet 1 of 1

<b>1</b> 	<b>Emergency Event</b>	<ul style="list-style-type: none"> <li>Emergency Plan is implemented.</li> <li>Actions are taken to return the plant to a safe condition.</li> </ul>
	<b>Transition</b>	<ul style="list-style-type: none"> <li>Select Facilities are maintained at full or partial staffing.</li> <li>The EPM, POM, Corporate Support Manager and Company Spokesperson prepares a Recovery Issues/Strategies Package.</li> <li>A Recovery Plan Outline is developed.</li> <li>Organizational requirements are determined.</li> <li>Personnel are standing by to assume the identified recovery positions.</li> </ul>
<b>2</b> 	<b>Recovery</b>	<ul style="list-style-type: none"> <li>An Event Summary Report is developed and issued.</li> <li>A Root Cause Investigation is conducted and action items identified</li> <li>A detailed Recovery Plan is developed and implemented.</li> <li>Activities to restore the plant to pre-incident conditions are identified.</li> </ul>
<b>3</b> 	<b>Exit Recovery</b>	<ul style="list-style-type: none"> <li>Root Cause Report is developed and issued.</li> <li>Action items entered into the Corrective Action Program or other action plan to track completion.</li> <li>Records collected and stored.</li> </ul>

The above arrows represent points in time in the chronology of a classified emergency:

- ❶ The initiating state of emergency no longer exists.
- ❷ Formal termination of the emergency occurs (Notification of termination to Federal, State and County Officials by the Emergency Director).  
(Organizational titles are changed to reflect the new status.)
- ❸ Exit from Recovery.

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Attachment 9.2

**RECOVERY PLAN OUTLINE**

Sheet 1 of 1

**SECTION I. RECOVERY ORGANIZATION**

A. Organization structure

~~B. Assignment of authorities/responsibilities~~

**SECTION II. CORPORATE RECOVERY PROGRAM**

A. Major Goals

B. Issues and Strategies

**SECTION III. ONSITE RECOVERY PROGRAM**

A. Major Goals

B. Issues and Strategies

**SECTION IV. OFFSITE RECOVERY PROGRAM**


A. Major Goals

B. Issues and Strategies

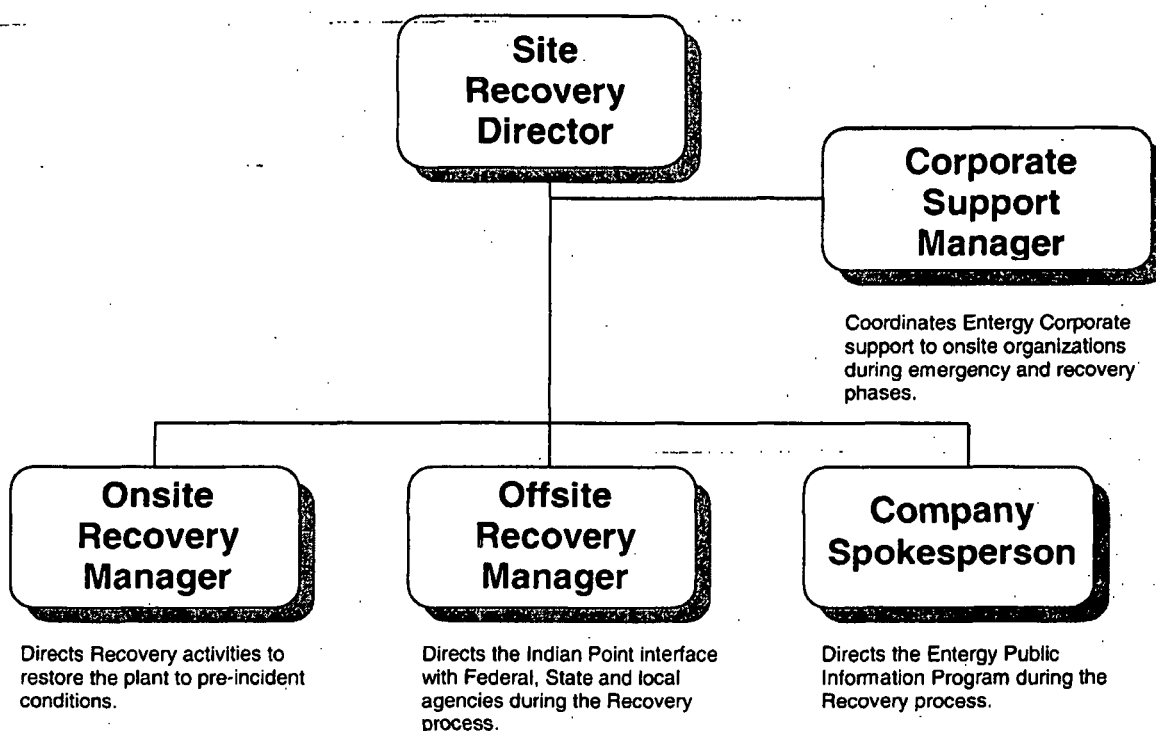
**SECTION V. PUBLIC INFORMATION RECOVERY PROGRAM**

A. Major Goals

B. Issues and Strategies

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Attachment 9.3  
**TYPICAL RECOVERY ORGANIZATION**  
Sheet 1 of 1



**NOTES:**

- (1) The Site Recovery Director position will normally be filled by a qualified Emergency Director or designee.
- (2) The Corporate Support Manager will assist in coordinating corporate support during Recovery.
- (3) The Onsite Recovery Manager position will normally be filled by the Plant Manager or designee. The normal plant staff will support recovery activities as required. A special Radiological Controls Manager and/or Administrative and Logistics Manager may need to be appointed for events which involving severe plant damage or large releases of radioactive materials inside or outside the plant.
- (4) The Offsite Recovery Manager position will normally be filled by the Emergency Planning Department Manager or designee.
- (5) The Company Spokesperson position will normally be filled by a member of the corporate public information group, Site Communications Manager or designee.



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#### Attachment 9.4

### CORPORATE RECOVERY ISSUES/STRATEGIES GUIDE

Sheet 1 of 1

- NOTE:**
- Issue/Strategies Form (Form EP-8) should be used to document items identified during the meeting(s). Complete as much of the form as possible but only the 'Description of Issue' section needs to be completed during initial meeting.
  - In addition to the positions listed, key members of the other corporate groups should attend the initial corporate recovery meeting to plan for necessary support to restore the plant to pre-event condition.

1. Convene a meeting or conference call of key corporate personnel and key normal station department heads. It is suggested as a minimum the following members attend:

- ENNE Senior Management
- Site Recovery Director
- Corporate Support Manager
- Representative from Nuclear Support
- Representative from Nuclear Oversight
- Representative from Nuclear Safety
- Senior representatives of the Maintenance, I&C, Radiological and Operations Department.

2. Review existing conditions, outline the issues to be resolved, and develop an Issues/Strategies Package that will form the basis for the corporate support of the plant Recovery Plan. Issues that should be considered in the formation of the package include:

**A. Present Activities Being Performed by Corporate Staff to Support Site**

- Identify ongoing activities and determine the need to continue

**B. Procurement needs**

**C. Legal Issues**


- Regulatory Requirements
- Insurance Issues
- Licensing Issues

**D. Financial Issues**

- Insurance Issues
- Investor Relations Issues
- Aid to affected company personnel
- Short term budget items

**E. Headquarters Interface**

- Provide updates
- Support requests for information

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Attachment 9.5

**ONSITE RECOVERY ISSUES/STRATEGIES GUIDE**

Sheet 1 of 3

**NOTE:** • Issue/Strategies Form (Form EP-8) should be used to document items identified during the meeting. Complete as much of the form as possible but only the 'Description of Issue' section needs to be completed during initial meeting.

- In addition to the ERO positions listed, members of the Outage Planning group should attend the initial onsite recovery meeting to plan for the "Forced Outage" needed to restore plant to pre-event condition.

1. Convene a meeting of key plant ERO personnel and key normal station department heads. It is suggested as a minimum the following members attend:

- Emergency Plant Manager
- Plant Operations Manager
- TSC Manager
- OSC Manager
- Senior representatives of the Maintenance, I&C, Radiological and Operations Department.


2. Review existing conditions, outline the onsite issues to be resolved, and develop an Issues/Strategies Package that will form the basis for the onsite portion of the plant Recovery Plan. Issues that should be considered in the formation of the package include:

**A. Present Activities Being Performed By Plant Staff (Onsite ERO)**

- Identify ongoing activities and determine the need to continue

**B. Equipment Status Verifications**

- Establish/document secured lineups
- List/identify inoperable equipment
- Hang appropriate tag outs
- Document temporary repairs/lineup
- Obtain appropriate samples to verify core status

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### ONSITE RECOVERY ISSUES/STRATEGIES GUIDE

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#### **C. Stabilization of Plant for Long Term Cooling**

- Identify present cooling lineup(s)
- Document available back-up cooling lineup(s) \_\_\_\_\_
- Confirm condition of RHR/Service Water/Cont. Spray
- Develop a plan to transition to long term cooling if required

#### **D. System Repairs and Restorations**


- Prioritize out of service equipment for restoration
- Plan restoration process by milestones
- Determine testing to increase/ensure equipment reliability
- Determine long term resolution of temporary modifications and repairs
- Examine options for temporary systems
- Bring in industry expertise (such as INPO, Westinghouse) as necessary
- Insure proper QA on any repairs made during the emergency

#### **E. Radiological Controls and Area Decontamination**

- Perform comprehensive surveys of onsite areas
- Establish additional survey and sampling frequency requirements
- Determine if additional monitoring equipment is required
- Develop a decon plan based on prioritized recovery of plant areas
- Commence bioassay program
- Contract for large volume decontamination equipment/expertise

#### **F. Water Management**

- Identify sources, volumes and activity of water inventories
- Prioritize clean-up
- Verify/evaluate condition of existing clean-up systems
- Establish tag outs/controls to preclude inadvertent discharges
- Evaluate need to contract portable filtering systems/expertise
- Establish berms and restraints for control and mitigation of spills
- Evaluate need for additional onsite waste storage capability
- Evaluate need for additional burial space for waste

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**ONSITE RECOVERY ISSUES/STRATEGIES GUIDE**

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**G. Logistics (Use guidelines for Forced Outage Scheduling)**

**The Corporate Support Manager is available to assist in the procurement of these items.**


- Identify manpower needs
- Obtain (if necessary) damage control equipment
- Consider use of outside specialist (INPO, Westinghouse)
- Set up training for off normal conditions (ALARA)
- Consider restricting site access
- Order extra HP supplies to support recovery
- Evaluate the need for additional security (crowd control)
- Evaluate the need for remote technology for inspections and cleanup
- Evaluate the need for additional communications capabilities

**H. Documentation**

- Initiate actions to complete any required NRC reports.
- Develop onsite portions of Root Cause Report
- Develop onsite portion of the Recovery Plan (short/long term)
- Write special procedures to perform tasks outside the scope of normal procedures

**I. Other**

- Any item which does not fall into one of the listed categories

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**OFFSITE RECOVERY ISSUES/STRATEGIES GUIDE**

Sheet 1 of 2

**NOTE:** • Issue/Strategies Form (Form EP-8) should be used to document items identified during the meeting. Complete as much of the form as possible but only the 'Description of Issue' section needs to be completed during initial meeting.

1. Convene a meeting of key EOF Emergency Response Organization (ERO) personnel and the Emergency Plan Manager. It is suggested as a minimum the following members attend:
  - Emergency Director
  - EOF Manager
  - Offsite Radiological Manager
  - Technical Advisor to the Emergency Director
  - Emergency Planning Department Manager
2. Review existing conditions, outline the issues to be resolved, and develop an Issues/Strategies Package that will form the basis for the offsite portion of the plant Recovery Plan. Issues that should be considered include:

**A. Present Activities Being Performed by EOF Staff**


- Identify ongoing activities and determine the need to continue

**B. Radiological**

- Evaluate the need for an environmental sampling program
- Arrange for the analysis of the field team samples
- Use the field team air sample analysis results with the projections calculated during the event
- If required, estimate total population dose in accordance with IP-EP-620
- Evaluate clean-up requirements
- Evaluate the need to bring in outside expertise for radiological monitoring
- Determine the final disposition of field team samples

**C. Support to Offsite Authorities**

- Consider outstanding requests from offsite authorities
- Keep offsite authorities apprised of onsite conditions and activities

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**OFFSITE RECOVERY ISSUES/STRATEGIES GUIDE**

Sheet 2 of 2

**D. Corporate Interface**

- Keep corporate management apprised of conditions and activities
- Provide information to legal organization as requested
- Identify issues applicable to Human Resources and Employee Assistance

**E. Logistics**


- Identify manpower needs to support offsite recovery activities
- Identify all non-Entergy personnel and activities currently in place
- Review equipment and material needs for EOF recovery activities
- Assist onsite and Public Information organizations in obtaining offsite support
- Evaluate the need for additional communications capabilities

**F. Documentation**

- Direct that an Event Summary Report be prepared
- Develop offsite portion of the Recovery Plan (short/long term)

**G. Other**

- Any item which does not fall into one of the listed categories

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**PUBLIC INFORMATION RECOVERY ISSUES/STRATEGIES GUIDE**

Sheet 1 of 1

**NOTE:** Issue/Strategies (Form EP-8) should be used to document items identified during the meeting. Complete as much of the form as possible but only the 'Description of Issue' section needs to be completed during initial meeting.

1. Convene a meeting of key Joint Information Center Emergency Response Organization personnel. It is suggested as a minimum the following ERO members attend:
  - Company Spokesperson
  - JIC Director
  - Also include IPEC and Corporate communications representatives
2. Review existing conditions, outline the public information issues to be resolved, and develop an Issues/Strategies Package that will form the basis for the public information portion of the plant Recovery Plan. Issues that should be considered in the formation of the package include:
  - A. Present Activities Being Performed by JIC Staff**
    - Identify ongoing activities and determine the need to continue
  - B. Offsite Interface**
    - Identify activities needed to keep offsite authorities apprised of Entergy Public Information activities
  - C. Documentation**
    - Develop the Public Information portion of the Recovery Plan
  - D. Other**
    - Any item which does not fall into one of the listed categories

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**EVENT SUMMARY REPORT FORMAT**  
Sheet 1 of 1

*Date*  
*Time*

To: *Offsite Authority* (NRC, State, and County)

From: *Name*

Subject: Event Summary Report of Emergency Declared at Indian Point Energy Center

The Indian Point Energy Center terminated from emergency status at [*time*] and entered into Recovery.

The following is a review of events and items pertaining to [*Indicate EAL and Type*] reported on [*date*].

[*Provide a narrative of the event*] (Describe the event giving the facts of the emergency including as a minimum :)

1. Time and description of initiating events (i.e., "On July 4, 1999, at 0640 hours a bomb threat was received at....."). Include information on personnel injuries and status. **(DO NOT INCLUDE NAME(S) OF VICTIMS UNLESS THE FAMILY HAS BEEN NOTIFIED).**
2. Performance of initial notifications to offsite authorities, to include time, location and mode of notification (That is: fax, radio, telephone).
3. Requests for offsite assistance, including time and type.
4. The magnitude of any radiological release and Protective Action Recommendation information as applicable.
5. Telephone numbers where people can call for any additional information (such as the Rumor Control or Media Centers).

Approval: \_\_\_\_\_  
Signature