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## Technical Support Center

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Effective Date: 01/27/16

*This procedure excluded from further LI-100 reviews.*

*Procedure extensively revised – no revision bars were used.*

*IP-EP-220 (Technical Support Center) R18.doc*

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## TECHNICAL SUPPORT CENTER (TSC)

### 1.0 PURPOSE

To describe site specific actions for the activation and operation of the Technical Support Center (TSC). This procedure will be used in conjunction with the fleet procedure, EN-EP-610, Technical Support Center (TSC) Operations.

### 2.0 REFERENCES

2.1 Indian Point Energy Center Emergency Plan

### 3.0 DEFINITIONS

3.1 See EN-EP-610 Section 3.0 for definitions.

### 4.0 RESPONSIBILITIES

4.1 See EN-EP-610 for Responsibilities.

### 5.0 DETAILS

5.10 See EN-EP-610 for Details.

### 6.0 INTERFACES

6.1 IP-EP-115, Emergency Plan Forms

6.2 IP-EP-210, Central Control Room

6.3 IP-EP-230, Operations Support Center

6.4 IP-EP-430, Site Assembly, Accountability and Relocation of Personnel Offsite

6.5 IP-EP-510, Meteorological, Radiological & Plant Data Acquisition System

6.6 IP-EP-610, Emergency Termination and Recovery

6.7 IP-EP-420, Use of Potassium Iodide by Indian Point Personnel during an Emergency

6.8 0-FSG-100, BDBEE/ELAP Emergency Response

6.9 EN-EP-610, Technical Support Center (TSC) Operations

### 7.0 RECORDS

All forms and logs completed by the Emergency Response Organization during a declared emergency are Quality Records and shall be maintained for the life of the plant plus twenty (20) years.

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## 8.0 REQUIREMENTS AND COMMITMENT CROSS-REFERENCE

None

## 9.0 ATTACHMENTS

- 9.1 Emergency Plant Manager Checklist.
- 9.2 TSC Manager Checklist
- 9.3 Operations Coordinator Checklist
- 9.4 Reactor Engineer Checklist
- 9.5 Engineering Coordinator Checklist
- 9.6 Mechanical and Electrical / I&C Engineer Checklist
- 9.7 IT Specialist Checklist
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- 9.11 TSC/OSC Layout
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**Attachment 9.1**  
**Emergency Plant Manager Checklist**  
**Sheet 1 of 6**

**1.0 Initial Responsibility/Activity**

**NOTES**

**NOTE:**

Procedure refers to an event at Unit 2, Unit 3 or both (i.e., Security, Natural event). If determined to be a Site event, then Unit 2 will be the lead plant for all communications,

This is a Core Staffing position.

**1.1 Follow responsibilities/activities in EN-EP-610 Attachment 9.1 and the following:**

**1.2 IF a Beyond Design Basis External Event (BDBEE) occurs that results in an Extended Loss of AC Power (ELAP) to either unit, THEN entry into, 0-FSG-100, BDBEE/ELAP Emergency Response, is required.**

**1.3 Assume the position of Emergency Plant Manager (EPM).**

**A. Announce yourself as the EPM and provide initial briefing to the TSC/OSC staff. Ensure briefing covers the following items:**

1. Introduction of Self and Facility Managers.
2. Establish clear expectations for:
  - a. Use of Three-Part Communications by ERO members.
  - b. Use of phones during facility briefs,
  - c. Limit excess chatter during emergency,
  - d. Review and follow your procedures,
3. Remind personnel to validate information,
4. When ready, announce to the TSC/OSC that the TSC/OSC is operational.

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**Emergency Plant Manager Checklist**  
**Sheet 2 of 6**

**2.0 Continuous Responsibility/Activity**

**NOTES**

**CAUTION**

**IF** an emergency classification is entered due to a security condition, **THEN** evacuation and accountability may put personnel at risk. Therefore, in these situations, evacuation and accountability will be suspended until directed by Security and cleared through the Incident Commander.

**NOTE:**

After initial accountability has been completed, facility managers are responsible for accountability of individuals assigned to their respective organizations.

- 2.1 At a Site Area Emergency or higher classification, or if the decision has been made to do so, INITIATE accountability.**
- A. Direct the TSC Security Coordinator/Lead Accountability Officer (LAO) to perform accountability. Initial accountability shall be completed within approximately 30 minutes from the declaration of the event.
  - B. **IF** anyone is unaccounted for **THEN** direct the TSC Security Coordinator and the OSC Manager to commence search and rescue operations.
  - C. Direct TSC Manager, OSC Manager, POM and TSC Security Coordinator to maintain onsite accountability throughout the event.

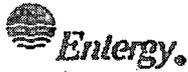
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Emergency Plant Manager Checklist  
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**Continuous Responsibility/Activity (cont.)**

**NOTES**

- 2.2 When applicable, direct implementation of Severe Accident Management Guidelines.**
- A. When the Control Room transitions from the EOPs to SACRG-1, or only declares an EAL for SFP conditions, **ENSURE** the TSC Reactor Engineer is ready to take over Severe Accident Management control, as SAMG evaluator.
  - B. Once the SAMG Evaluator(s) is ready to take over Severe Accident Management control **ANNOUNCE** yourself as the Severe Accident Management Decision Maker.
  - C. **CONFER** with the SAMG Evaluators which SAM guidance should be implemented.
  - D. **NOTIFY** the Emergency Director (ED) which guidance will be implemented. **IF** the guidance involves a release to the environment, **ENSURE** the ED discusses this with the Radiological Assessment Coordinator and the State/Countries prior to implementation.
- 2.3 Authorize Emergency Exposures / KI issuance**
- A. Inform the TSC/OSC Manager and Radiological Coordinator that you authorize emergency exposures up to 1 Rem TEDE for all TSC/OSC and Operations personnel dispatched into the plant. Document this authorization in WebEOC, **OR** on your ERO Log Sheet (Form EP-10) if WebEOC is unavailable.
  - B. **IF** emergency measures require additional exposure **THEN** raise the emergency exposure limit 1 Rem at a time up to 5 Rem.

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**Attachment 9.1  
Emergency Plant Manager Checklist  
Sheet 4 of 6**

**Continuous Responsibility/Activity (cont.)**

**NOTES**

- C. Review and authorize, when requested by OSC Staff, emergency exposures beyond 5 Rem on an individual basis using Emergency Exposure Authorization (Form EP-6) guidelines.
  - D. When requested by Radiological Coordinator, authorize issuance of Potassium Iodine (KI). (KI is normally issued at 5 Rem CDE projected child thyroid dose or declaration of a General Emergency.)
- 2.4** Circumstances including, but not limited to a power outage, toxic gas condition, or increased radiation levels may necessitate the need to evacuate the TSC/OSC complex. IF it becomes necessary to evacuate the TSC/OSC complex for any reason, the following guidance shall be followed.
- A. Work with the Radiological Coordinator, TSC/OSC Managers and TSC Security Coordinator to determine a suitable alternate location(s) for TSC and OSC staffs. In selecting an alternate location, keep the following in mind:
    1. In the event of increased radiation levels or a toxic gas condition, consider relocating individuals to the CR or Outage Control Center. Another possible alternative location for consideration is the EOF. Although desirable to keep the entire staff together, it may be necessary to utilize more than one facility.
    2. In the event of a power outage, there may be additional locations that could be used for relocation. Such possible locations include an IPEC Conference Room within the Protected Area, the Outage Control Center, the Indian Point Training Center or even the Generation Support Building.
    3. In selecting the facility to which you are relocating to, ensure that you consider the ability for the TSC/OSC staffs to function in the new facility.

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**Attachment 9.1  
Emergency Plant Manager Checklist  
Sheet 5 of 6**

**Continuous Responsibility/Activity (cont.)**

**NOTES**

Some items for consideration include:

- Is the required Plant information able to be readily obtained?
- Are the necessary computer resources available?
- Will adequate communications be obtainable with all of the necessary parties?

- B. PRIOR to evacuating the TSC/OSC complex, address the following:**
1. Ensure that evacuating personnel take their position books with them to the new location.
  2. Ensure that all needed data is gathered and transported during the relocation of personnel. Examples include information on the electronic displays, other charted information, completed logs and the like.
  3. Inform the ED and the POM of your relocation plans. Advise them that you will notify them of when you have relocated and are a functioning facility. If relocation will be at two or more sites, direct an individual at each of those sites to advise you when their relocation is complete.
  4. Determine the speed at which the relocation of personnel should occur giving consideration to the following items:
    - a. Consider the impact of immediate relocation vs. mitigation activities in progress.
    - b. Current radiological or hazardous conditions within the TSC/OSC.
    - c. Radiological or hazardous conditions at the proposed TSC/OSC.
    - d. Radiological or hazardous conditions en route.
    - e. The adequacy of response from the alternate location.

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Emergency Plant Manager Checklist  
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**Continuous Responsibility/Activity (cont.)**

**NOTES**

- f. Determine proper path to take to new locations.
  - g. Direct personnel to relocate.
  - h. Notify Security to instruct incoming personnel to report to the designated alternate TSC/OSC location(s).
5. After arriving at the new TSC/OSC location(s), re-establish this new location as the TSC/OSC.
  6. Set up the appropriate equipment such as electronic displays, plant data displays and telephones.
  7. Notify the ED and POM when established and ready to commence functioning as the TSC/OSC.
  8. Obtain an updated briefing on the current status of the emergency, plant conditions and any actions that are in progress or that may have been completed.
  9. Continue functioning as the EPM.
- C. Direct personnel to relocate TSC/OSC personnel.

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**Attachment 9.2**  
**TSC Manager Checklist**  
**Sheet 1 of 2**

This is a core staffing position

**1.0 Initial Responsibility/Activity**

**NOTES**

**1.1 Follow responsibilities/activities in EN-EP-610 Attachment 9.2 and the following:**

**1.2 Activation of the TSC and assume the position of TSC Manager.**

- A. Synchronize your time with the TSC/OSC clock. Verify with the EOF and/or CR that the time displayed in the TSC/OSC is the same as it is there.
- B. Verify you have the following core staffing prior to declaring the TSC staffed:
  - a. EPM
  - b. TSC Manager
  - c. TSC Communicator
  - d. Mechanical Engineer
  - e. Electrical/I&C Engineer
  - f. Reactor Engineer
  - g. Rad Coordinator
- C. Staff the TSC using Form EP-10-ALL, "Filling an ERO Vacancy During Facility Activation/Operation"
- D. **IF** additional personnel are required **THEN**:
  - a. **IF** it is during normal working hours **THEN** call or assign someone to call the Assembly Areas for needed personnel.
  - b. **IF** needed individuals are not available onsite **THEN** assign someone to call individuals at home using the Emergency Telephone Directory (ETD).
- E. **Emergency Response Data System (ERDS)**
  - a. If requested to verify ERDS is active. Refer to procedure EN-EP-311, Emergency Response Data System (ERDS) Activation via the Virtual Private Network (VPN).
  - b. **IF** ERDS is not functional, designate a person with Operations experience to go to the Control Room to complete Forms 31 A, B, C OR 42 A, B, C. (Forms EP-53, 54, 55 and EP-57, 58, 59).

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**Attachment 9.2  
TSC Manager Checklist  
Sheet 2 of 2**

**Initial Responsibility/Activity (cont.)**

**NOTES**

- c. Once the A, B, C Forms are completed, they are to be faxed to the NRC within 60 minutes.
- d. PICS should be started to display plant data for the affected unit IF both Units are affected utilize multiple computers to display both plants' data.

**2.0 Continuous Responsibility/Activity**

**2.1 Manage the activities of the TSC Staff:**

- A. Provide a central organization and facility for the accumulation and transmittal of plant information to the EOF and NRC.
- B. When applicable, direct the appropriate individuals to implement and perform monitoring and evaluations as directed in the Indian Point Severe Accident Management (SAMG) Guidelines.
- C. IF requested by the NRC to provide an open communications line for plant data, THEN direct an individual having sufficient technical knowledge to staff the ENS phone. This person may locate in any facility with ENS phone access. If necessary, request the Security Coordinator to obtain additional personal to support this activity.
- D. Verify that the Engineering Action Tracking (Admin) Display is updated promptly as new tasks are assigned and old tasks completed and as priorities are changed.
- E. Anticipate TSC support requirements from ERO.
- F. Direct TSC staff to obtain drawings and information as needed to solve plant problems.

**2.2 Monitor containment integrity status throughout the event:**

- A. Initiate a review to determine if any non-automatic containment isolation valves should be closed. (Reference 2-ES-1.4; 3-ES-1.3; 3-SOP-CB-011)
- B. Repeat the above review approximately every 2 hours for first 24 hours of event and thereafter at the discretion of the EPM.

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**Attachment 9.3**  
**Operations Coordinator Checklist**  
**Sheet 1 of 1**

**1.0 Follow Responsibilities/Activities in EN-EP-610, Attachment 9.3**

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**Attachment 9.4**  
**Reactor Engineer Checklist**  
**Sheet 1 of 1**

This is a core staffing position.

**1.0 Responsibility/Activity**

**1.1 Follow responsibilities/activities in EN-EP-610 Attachment 9.4 and the following:**

**1.2 Monitor plant conditions for any indications of core damage.**

- A. Perform and update core damage assessment based on current information using guidance provided in procedure IP-EP-360, Core Damage Assessment.
- B. Notify TSC Manager and/or Engineering Coordinator immediately of any changes in core status.
- C. Keep the Radiological Coordinator informed on core status to assist in maintaining radiological controls for plant personnel.
- D. Through the TSC Manager and/or the Radiological Coordinator, ensure that the EOF Radiological Assessment Coordinator is kept informed of the latest estimate of the amount of core damage.
- E. Maintain the Fission Product Barrier Status Board as needed.

**1.3 Assist the EPM in implementation of Severe Accident Management Guidelines.**

- A. When the Control Room transitions from the EOPs to SACRG-1, or only declares an EAL for SFP conditions inform the EPM when you are ready to take over Severe Accident Management (SAM) control.
- B. **INFORM** EPM which SAM guidance should be implemented.
- C. **IF** guidance involves a release to the environment **ENSURE** the EPM and Emergency Director discuss it with the Radiological Assessment Coordinator who discusses it with the State/Counties prior to implementation.

**1.4 Receive status updates from the TSC Manager and/or EPM and if directed post updates on the appropriate electronic displays.**

**NOTES**

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**Attachment 9.5  
Engineering Coordinator Checklist  
Sheet 1 of 1**

- 1.0 Follow Responsibilities/Activities in EN-EP-610, Attachment 9.5.**
- 2.0 If requested to provide information to the NRC Operations Center follow responsibilities in EN-EP-610, Attachment 9.12.**

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**Attachment 9.6  
 Mechanical and Electrical / I&C Engineer Checklist  
 Sheet 1 of 1**

**1.0 Follow Responsibilities/Activities in EN-EP-610 Attachment 9.6.**

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**Attachment 9.7  
IT Specialist Checklist  
Sheet 1 of 1**

**1.0 Initial Responsibility/Activity**

**NOTES**

**1.1 Follow responsibilities/activities in EN-EP-610 Attachment 9.7 and the following:**

**1.2 Assume the position of IT Specialist**

**NOTE**  
**ERDS is not functional in the Simulator for a Drill**

**A. Emergency Response Data System (ERDS)**

1. If requested to verify ERDS is activated, refer to procedure EN-EP-311, Emergency Response Data System (ERDS) Activation via the Virtual Private Network (VPN).
2. **IF** ERDS is not functional, notify the TSC Manager to designate an operations experienced person to go to the Control Room to complete Forms 31 A, B, C OR 42 A, B, C. (Forms EP-53, 54, 55 and EP-57, 58, 59). Once the A, B, C Forms are completed, they are to be faxed to the NRC within 60 minutes.
3. Inform TSC Communicator of the time ERDS was verified of activation **OR** activated and to log in WebEOC.

**B. Ensure computer displays in the TSC and OSC continue to operate properly.**

1. **IF** the PICS displays are **NOT** functioning **THEN** perform the following:
  - (a) **IF** Unit 2 obtain 42A, 42B and 42C data from the CCR (IP-EP-115 EP Forms 53, 54, and 55)
  - (b) **IF** Unit 3 obtain 31A, 31B and 31C data from the CCR (IP-EP-115 EP Forms 57, 58 and 59).

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**Attachment 9.8**  
**TSC Communicator Checklist**  
**Sheet 1 of 1**

- 1.0 **Follow Responsibilities/Activities in EN-EP-610, Attachment 9.8.**
- 2.0 **Verify that at least one of the Public Address Systems (Red or Green) in the TSC/OSC is turned on and ready for use. Refer to Attachment 9.12 of this procedure for a description and operation.**

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**Attachment 9.9  
Radiological Coordinator Checklist  
Sheet 1 of 5**

This is a Core Staffing Position.

**1.0 Initial Responsibility/Activity**

**NOTES**

**1.1 Follow responsibilities/activities in EN-EP-610 Attachment 9.9 and the following:**

**1.2 Assume the position of Radiological Coordinator.**

- A. Request the Control Room to align the OSC/TSC ventilation system for incident operation per procedure, if required.
- B. Establish the capability for monitoring of Iodine, should it become necessary. Have a Rad Protection Tech set up the AMS-4 as per Attachment 9.13 of procedure IP-EP-230.

**2.0 Continuous Responsibility/Activity**

**2.1 Establish Radiological Control oversight.**

- A. Verify that the radiological controls for the TSC/OSC have been set up per sheet 9 of this check list.

**2.2 IF there are contaminated injured personnel THEN perform the following:**

- A. Provide radiological support for the assessment, treatment, and transportation of contaminated injured personnel. Act as the point of contact with the hospital where treatment is executed.
- B. Make arrangements to pick up Rad Protection personnel at the hospital.
- C. Follow proper procedures to retrieve radioactive waste from offsite treatment locations.
- D. Obtain concurrence from the EPM prior to releasing the hospital's Radiological Emergency Room or the ambulance for uncontrolled use.

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**Attachment 9.9**  
**Radiological Coordinator Checklist**  
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**Continuous Responsibility/Activity (cont.)**

**NOTES**

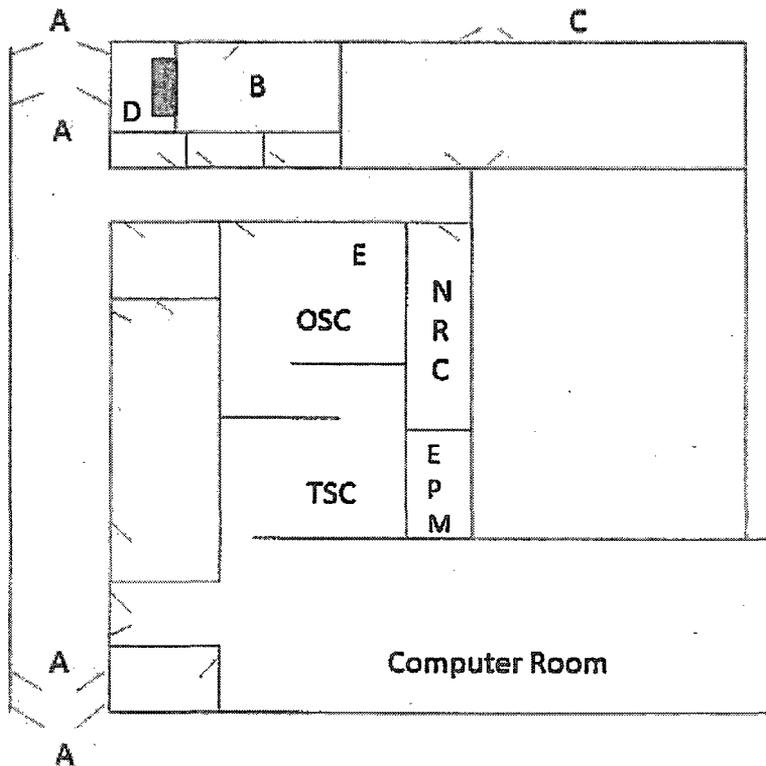
- 2.3 Provide oversight to ensure emergency teams receive proper briefs on radiological conditions and requirements.
- 2.4 IF individuals receive or are expected to receive radioiodine uptakes > 5 REM CDE child thyroid dose or a General Emergency has been declared THEN:
  - A. Issue KI to onsite emergency workers applying the following controls:
    - 1. Brief personnel in the protected area on the use of KI and its potential side effects using sheet 11 of this Attachment 9.9.
    - 2. Assure that persons in the TSC/OSC, both CCR's and Security personnel within the protected area are briefed.
    - 3. For R&CA team personnel record KI issuance information on Individual Exposure Tracking Log (Form EP-29).
    - 4. Have all TSC/OSC personnel and security personnel within the protected area report to the TSC/OSC for distribution of KI.
- 2.5 Verify that the decontamination efforts of personnel, equipment, and onsite areas are appropriate.
- 2.6 Participate in Facility Briefings to announce radiological conditions at the TSC/OSC and also affected locations with an emphasis on status of a radiological release.



Attachment 9.9

Radiological Coordinator Checklist

Sheet 3 of 5



TSC/OSC Access Points to be posted:

If Hallway Contamination < 1000 dpm/ 100 sq. cm

- A. Entry/Exit
- B. No Entry/No Exit
- C. No Entry/No Exit and Frisk Shoes before stepping here
- D. Equipment cabinets. Place sign at top of stairway  
No Entry/No Exit without permission from RAD Coordinator.
- E. Air Monitoring Equipment

If Hallway Contamination > 1000 dpm/ 100 sq. cm

- A. No Entry. Exit Only
- B. Entry to TSC/OSC. No Exit. White Step Off Pad
- C. No Entry/No Exit
- D. Equipment cabinets. Place sign at top of stairway.  
No Entry/No Exit without permission from RAD Coordinator
- E. Air Monitoring Equipment



**Attachment 9.9  
Radiological Coordinator Checklist  
Sheet 4 of 5**

<b>Information on use of Potassium Iodide IOSAT™ Tablets Potassium Iodide Tablets</b>	
<ul style="list-style-type: none"> <li>• TAKE POTASSIUM IODIDE ONLY WHEN PUBLIC HEALTH OFFICIALS TELL YOU. IN A RADIATION EMERGENCY RADIOACTIVE IODINE COULD BE RELEASED INTO THE AIR. POTASSIUM IODIDE ( A FORM OF IODINE) CAN HELP PROTECT YOU.</li> <li>• IF YOU ARE TOLD TO TAKE THIS MEDICINE, TAKE IT ONE TIME EVERY 24 HOURS. DO NOT TAKE IT MORE OFTEN. MORE WILL NOT HELP YOU AND MAY INCREASE THE RISK OF SIDE EFFECTS. NOT TAKE THIS DRUG IF YOU KNOW YOU ARE ALLERGIC TO IODIDE (SEE SIDE EFFECTS BELOW)</li> </ul>	<p align="center"><b>WARNING</b></p> <p>POTASSIUM IODIDE SHOULD NOT BE USED BY PEOPLE ALLERGIC TO IODIDE. Keep out of the reach of children. In case of overdose or allergic reaction, contact a physician or public health authority.</p>
<p align="center"><b>DIRECTIONS FOR USE</b></p> <p>Use only when directed by Emergency Management, State, Local or Public Health Officials</p>	<p align="center"><b>HOW POTASSIUM IODIDE WORKS</b></p> <p>Certain forms of iodine help your thyroid gland work right. Most people get the iodine they need from foods like iodized salt or fish. The thyroid can "store" or hold only a certain amount of iodine.</p> <p>In a radiation emergency radioactive iodine may be released in the air. If this air is breathed or swallowed it may enter the thyroid and damage it. The damage may not show itself for years. Children are the most likely to have thyroid damage.</p> <p>If you take potassium iodide, it will fill up you thyroid gland. This reduced the chances that radioactive iodine will enter your thyroid.</p>
<p align="center"><b>DOSE</b></p> <p>ADULTS AND CHILDREN ONE YEAR OF AGE OR OLDER:</p> <p style="padding-left: 40px;">One (1) tablet once a day. Crush for small children.</p> <p>BABIES UNDER ONE YEAR OF AGE:</p> <p style="padding-left: 40px;">One-half (1/2) tablet once a day. Crush first.</p>	<p align="center"><b>WHO SHOULD NOT TAKE POTASSIUM IODIDE</b></p> <p>The only people who should not take tablets when directed to do so are people who know they are allergic to iodine. Pregnant women, nursing women, children and babies may take this drug.</p>
<p align="center"><b>DOSAGE</b></p> <p>Take for 10 days unless directed otherwise.</p> <p>Store your supply at room temperature between 59° F and 86° F. Keep package dry and foil packets intact.</p> <p align="center"><b>KEEP YOUR SUPPLY OUT OF REACH OF CHILDREN.</b></p>	<p align="center"><b>HOW AND WHEN</b></p> <p>Potassium iodide should be taken as soon as possible after authorities tell you to take it.</p> <p>You should take one dose every 24 hours.</p> <p><b>MORE WILL NOT HELP YOU, AND WILL INCREASE THE CHANCES OF SIDE EFFECTS.</b></p> <p>Continue to take the drug for 10 days.</p>
<p align="center"><b>SIDE EFFECTS</b></p> <p>Usually, side effects of potassium iodide happen when people take higher doses for a long time. You should be careful not to take more than the recommended dose or take it for longer than you are told. Side effects are unlikely because of the low dose and the short time you will be taking the drug.</p> <p>Possible side effects include skin rashes, swelling of the salivary glands, and "iodism" (metallic taste, burning mouth and throat, sore teeth and gums, symptoms of a head cold, and sometimes stomach upset and diarrhea).</p>	<p align="center"><b>WHAT TO DO IF SIDE EFFECT OCCUR</b></p> <p>STOP taking the drugs and contact a doctor or public health officials for instructions.</p>
	<p align="center"><b>DESCRIPTION AND USE</b></p> <p>Each IOSATTM Tablet contains 130 mg. of potassium iodide.</p> <p>Thyroid blocking in radiation emergency only.</p>

 <b>IPEC EMERGENCY PLAN IMPLEMENTING PROCEDURES</b>	<b>NON-QUALITY RELATED PROCEDURE</b>	<b>IP-EP-220</b>	<b>Revision 18</b>
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**Attachment 9.9  
Radiological Coordinator Checklist  
Sheet 5 of 5**

**BRIEFING INFORMATION ON USE OF POTASSIUM IODIDE (KI)**

**Why is Potassium Iodide being issued?** In accordance with the New York State Policy on Potassium Iodide, potassium iodide is recommended on a projected thyroid dose of 5 Rem. Potassium Iodide is issued at a declared General Emergency or during an emergency related radioactive airborne release. Taking Potassium Iodide is voluntary.

**What is Potassium Iodide?** Potassium iodide is a thyroid blocking protective action for exposure to radioactive iodine. If you take potassium iodide it will saturate your thyroid gland which will reduce the chances that radioactive iodine will enter your thyroid. Additional information is available on the information handout with each tablet.

**What dosage to take?** A 130 milligram tablet. You should take as soon as possible after being told. One (1) tablet every 24 hours. Take for 10 days. Unless otherwise directed.

**Side Effects?** Skin rash, swelling of salivary glands, a metallic taste, burning mouth and throat, sore teeth and gums, symptoms of a head cold and sometimes upset stomach or diarrhea. This would usually happen when higher doses are taken over long period of time.

**WARNING!**

Potassium Iodide should not be taken by people allergic to iodine or shell fish.

 <b>IPEC EMERGENCY PLAN IMPLEMENTING PROCEDURES</b>	<b>NON-QUALITY RELATED PROCEDURE</b>	<b>IP-EP-220</b>	<b>Revision 18</b>
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**Attachment 9.10**  
**TSC Security Coordinator Checklist**  
**Sheet 1 of 3**

**1.0 Initial Responsibility/Activity**

**NOTES**

**1.1 Follow responsibilities/activities in EN-EP-610 Attachment 9.10 and the following:**

**1.2 Assume the duties of the Security Coordinator.**

**A. Refer to EN-EP-610 Attachment 9.10.**

**B. Secure Site Access at the SITE AREA or GENERAL EMERGENCY level as follows:**

**(a) Notify CAS and SAS to secure the site, except for ERO Members, per procedure IP-EP-240, Security.**

**(b) Notify the EPM when this has been done.**

**1.3 Assign OSC Log Keeper to the position of Accountability Coordinator.**

**A. Report readiness to conduct Accountability to the EPM. Utilize the OSC Log Keeper to assist in Accountability.**

**B. Direct the OSC Log Keeper to support the monitoring of the Accountability Card Readers while ERO members are carding into the TSC/OSC, direct them to verify badges are properly read by the Accountability Card Reader and to log the name and badge number on an Accountability Roster (Form EP-47) of anyone having difficulty using the proximity card readers.**

 <b>IPEC EMERGENCY PLAN IMPLEMENTING PROCEDURES</b>	<b>NON-QUALITY RELATED PROCEDURE</b>	<b>IP-EP-220</b>	<b>Revision 18</b>
	<b>REFERENCE USE</b>	<b>Page 25 of 29</b>	

**Attachment 9.10**  
**TSC Security Coordinator Checklist**  
**Sheet 2 of 3**

**2.0 Continuous Responsibility/Activity**

**NOTES**

- 2.1 IF relocation of personnel offsite is called for THEN:**
- A. Follow guidance in IP-EP-430, Site Assembly, Accountability and Relocation of Personnel Offsite.
  - B. Coordinate with TSC Radiological Coordinator to monitor evacuation routes.
- 2.2 IF relocating to the Security Administration Offices THEN inform the following individuals.**
- A. Emergency Plant Manager
  - B. TSC Radiological Coordinator
  - C. Emergency Director
  - D. Lead Accountability Officer (LAO)
- 2.3 The Lead Accountability Officer (LAO) will generate the list of missing persons. This list will be provided to the Emergency Plant Manager, POM, and/or TSC Security Coordinator.**

**NOTE**

During plant shutdowns, when there may be large numbers of workers onsite and within the radiological control areas, a Radiation Protection computer printout may be used to assist in locating missing personnel within the radiological control area after accountability is completed.

- 1. IF there are individuals who are missing THEN:**
- (a) Review Accountability Rosters (Form EP-47) used to identify ERO members experiencing difficulty using the proximity card readers and remove them from the Missing Persons List.
  - (b) Obtain the Radiation Protection Computer Printout of individuals within the Radiological Control Area.
  - (c) Check off names of possible missing individuals who have left the Protected Area to narrow the list of actual missing

 IPEC EMERGENCY PLAN IMPLEMENTING PROCEDURES	NON-QUALITY RELATED PROCEDURE	IP-EP-220      Revision 18
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**Attachment 9.10**

**TSC Security Coordinator Checklist**

Sheet 3 of 3

**Continuous Responsibility/Activity (cont.)**

**NOTES**

persons and review RP computer printout for any missing individuals within the Radiological Control Area.

(d) Inform the EPM immediately of any personnel discovered missing during accountability process.

4. Assist OSC Staff in maintaining accountability of all OSC personnel through the use of status boards, team assignments, Individual Exposure Tracking Log (Form EP-29) and ERO Tracking Log (Form EP-42).

**2.4 Use the OSC Log Keeper to maintain Continuing Accountability**

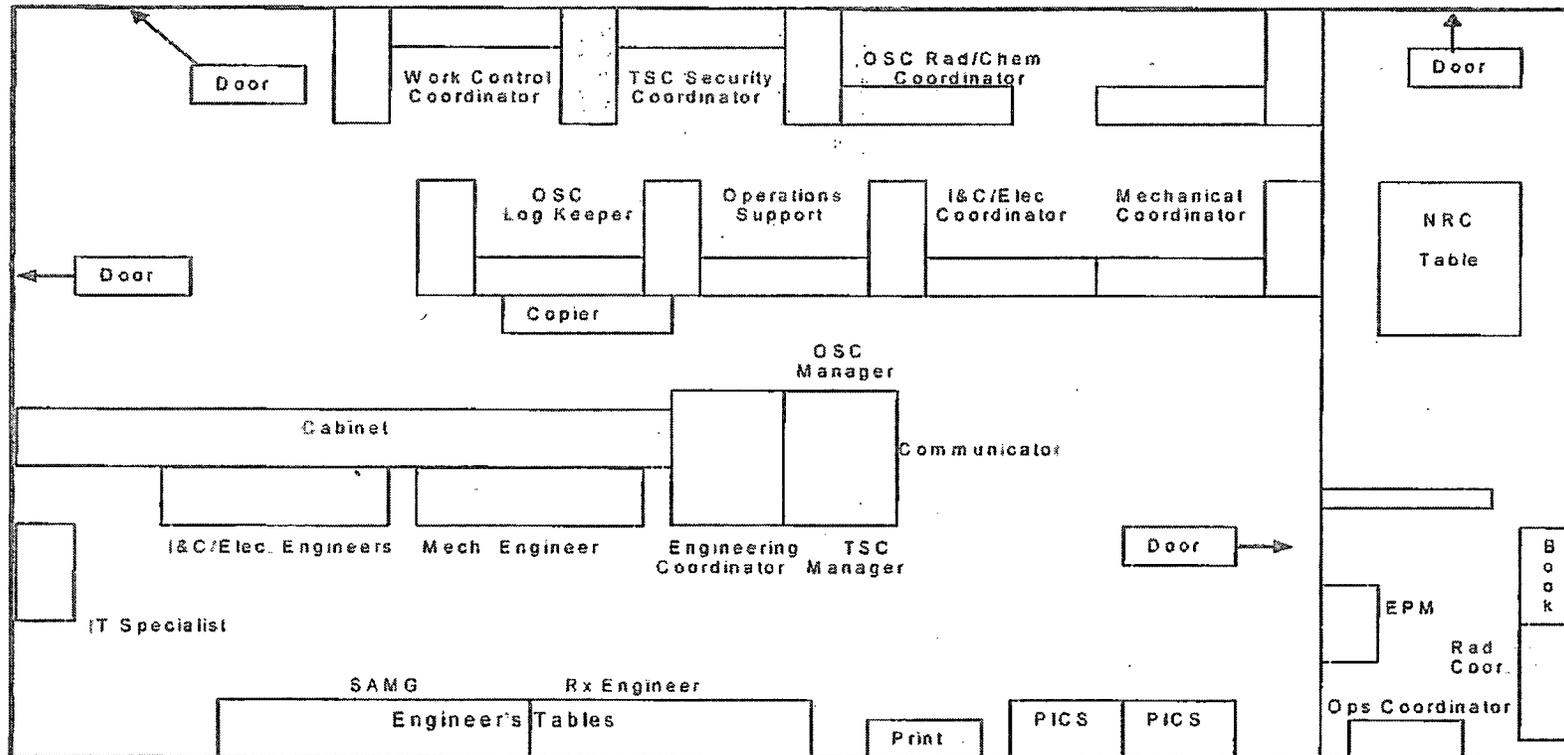
- A. Use Onsite ERO Shift Rosters (Form EP-43) to list individuals currently on the first shift in the TSC and OSC.
- B. Request EOF Support Staff to identify the current EOF personnel.
- C. Work with TSC and OSC Managers to identify personnel to fill second shift and ensure all needed positions are identified and establish time second shift is to be called in.
- D. Use ETD to identify and contact individuals to fill positions on second shift. OSC Log-Keeper and EOF Staff may be used to assist in notifications.
- E. Inform the TSC and OSC Managers when notifications are completed and if there are any problems filling required positions.



Attachment 9.11  
TSC / OSC Layout and NRC Room  
Sheet 1 of 1

TYPICAL Arrangement

(Personnel locations may be changed as needed to facilitate communication and movement without a procedure revision)



 <b>IPEC EMERGENCY PLAN IMPLEMENTING PROCEDURES</b>	<b>NON-QUALITY RELATED PROCEDURE</b>	<b>IP-EP-220</b> <b>Revision 18</b>
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### Attachment 9.12

## TSC/OSC Public Address System Description and Operation Sheet 1 of 1

### 1.0 General

There are three Public Address Systems (PAs) in the TSC/OSC and they have been color coded for easy identification of microphones and speakers.

### 2.0 Systems/Operation

2.1 Blue System comprises the plant page system. This page system is only from U2. The Speakers are located in the Halls, the OSC Bull Pen , the R&CA Briefing room, the NRC Conference Room, and the old U2 Records room. Volume controls are typically walls near speakers. Activation is via the normal plant page access.

2.2 Red System is the permanently installed TSC/OSC page system. The speakers are located in the ceilings similar to the Plant Page system. Speakers are in the Halls, the OSC Bull Pen, the R&CA Briefing room, the TSC/OSC Command room, the NRC Conference room and the old U2 Records room. The speakers are marked with red tape. Each speaker has its own on/off switch and volume control knob. The amplifier and two microphones are on/in the counter separating the TSC and OSC each marked with RED tape. The microphones are wireless and battery powered and simply require that they be turned on to activate the system. Volume control is via the local speaker or the amplifier on the counter separating the TSC and OSC.

2.3 Green System consists of wireless portable speakers distributed around the facility. Each speaker must be turned on by a switch on the back and the volume adjusted locally by a switch on the front. The volume should be turned up to full volume and adjusted down as needed. Speakers are located in the OSC Bull Pen, the TSC/OSC Command room, the NRC Conference room, the Whole Body Count room and the old U2 Records room. There are two microphones on/in the TSC/OSC Counter each marked with GREEN tape. The microphones are wireless and battery powered and simply require that they be turned on to activate the system. Additional batteries are available in the supply boxes. Note that this system does not cover the Hallways.

 <b>IPEC EMERGENCY PLAN IMPLEMENTING PROCEDURES</b>	<b>NON-QUALITY RELATED PROCEDURE</b>	<b>IP-EP-220</b>	<b>Revision 18</b>
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**Attachment 9.13**  
**IPEC TSC STAFFING**  
**Sheet 1 of 1**

At IPEC, the expectation is that ALL individuals assigned to the Technical Support Center (TSC) report to the facility within 60 minutes of the declaration of an Event.

The TSC is able to be considered **STAFFED** when the following Core Individuals are present: Emergency Plant Manager (EPM), TSC Manager, TSC Communicator, Rad Coordinator, Mechanical Engineer, Electrical/I&C Engineer and Reactor Engineer. Regardless of whoever else is available these positions **MUST** be filled before the TSC can be considered to be **STAFFED**.

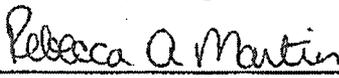
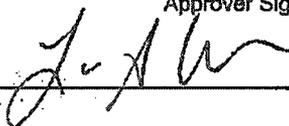
The IPEC Emergency Plan in Section B (Table B-1) requires the following to respond within 60 minutes: TSC Communicator, a Reactor Engineer, an Electrical Engineer and a Mechanical Engineer.

The TSC may be declared **OPERATIONAL** whenever Core Individuals are achieved and the TSC Manager determines that the facility is adequately staffed for the event and equipment is set up and available to perform the emergency functions assigned to the TSC.

<b>Procedure/Document Number:</b> EN-EP-610 IP-EP-220	<b>Revision:</b> 2 18		
<b>Equipment/Facility/Other:</b> Indian Point Energy Center			
<b>Title:</b> Technical Support Center (TSC) Operations Technical Support Center			
<b>Part I. Description of Activity Being Reviewed</b> (event or action, or series of actions that may result in a change to the emergency plan or affect the implementation of the emergency plan):  This change issues fleet procedure EN-EP-610, "Technical Support Center (TSC) Operations" and revises IP-EP-220 to remove any duplicate tasks in EN-EP-610; however maintain any site specific requirements or commitments.			
<b>Part II. Activity Previously Reviewed?</b> Is this activity fully bounded by an NRC approved 10 CFR 50.90 submittal or Alert and Notification System Design Report?  If YES, identify bounding source document number/approval reference and ensure the basis for concluding the source document fully bounds the proposed change is documented below: <b>Justification:</b>  <input type="checkbox"/> Bounding document attached (optional)	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%; padding: 5px;"> <input type="checkbox"/> YES                      50.54(q)(3)                      Evaluation is NOT required.                      Enter justification below and complete Part VI.                 </td> <td style="width:50%; padding: 5px;"> <input checked="" type="checkbox"/> NO                      Continue to next part                 </td> </tr> </table>	<input type="checkbox"/> YES 50.54(q)(3) Evaluation is NOT required. Enter justification below and complete Part VI.	<input checked="" type="checkbox"/> NO Continue to next part
<input type="checkbox"/> YES 50.54(q)(3) Evaluation is NOT required. Enter justification below and complete Part VI.	<input checked="" type="checkbox"/> NO Continue to next part		
<b>Part III. Applicability of Other Regulatory Change Control Processes</b> Check if any other regulatory change processes control the proposed activity. (Refer to EN-LI-100) NOTE: For example, when a design change is the proposed activity, consequential actions may include changes to other documents which have a different change control process and are NOT to be included in this 50.54(q)(3) Screening.			
<b>APPLICABILITY CONCLUSION</b> <input checked="" type="checkbox"/> If there are no controlling change processes, continue the 50.54(q)(3) Screening. <input type="checkbox"/> One or more controlling change processes are selected, however, some portion of the activity involves the emergency plan or affects the implementation of the emergency plan; continue the 50.54(q)(3) Screening for that portion of the activity. Identify the applicable controlling change processes below. <input type="checkbox"/> One or more controlling change processes are selected and fully bounds all aspects of the activity. 50.54(q)(3) Evaluation is NOT required. Identify controlling change processes below and complete Part VI.			
<b>CONTROLLING CHANGE PROCESSES</b>  10 CFR 50.54q only.			
<b>Part IV. Editorial Change</b> Is this activity an editorial or typographical change such as formatting, paragraph numbering, spelling, or punctuation that does not change intent? <b>Justification:</b>  "NO" is checked because the procedure revision contains non-editorial changes.	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%; padding: 5px;"> <input type="checkbox"/> YES                      50.54(q)(3)                      Evaluation is NOT required.                      Enter justification and complete Part VI.                 </td> <td style="width:50%; padding: 5px;"> <input checked="" type="checkbox"/> NO                      Continue to next part                 </td> </tr> </table>	<input type="checkbox"/> YES 50.54(q)(3) Evaluation is NOT required. Enter justification and complete Part VI.	<input checked="" type="checkbox"/> NO Continue to next part
<input type="checkbox"/> YES 50.54(q)(3) Evaluation is NOT required. Enter justification and complete Part VI.	<input checked="" type="checkbox"/> NO Continue to next part		

<b>Procedure/Document Number:</b> EN-EP-610 IP-EP-220		<b>Revision:</b> 2 18	
<b>Equipment/Facility/Other:</b> Indian Point Energy Center			
<b>Title:</b> Technical Support Center (TSC) Operations Technical Support Center			
<b>Part V. Emergency Planning Element/Function Screen (Associated 10 CFR 50.47(b) planning standard function identified in brackets) Does this activity affect any of the following, including program elements from NUREG-0654/FEMA REP-1 Section II?</b>			
1. Responsibility for emergency response is assigned. [1]			<input type="checkbox"/>
2. The response organization has the staff to respond and to augment staff on a continuing basis (24/7 staffing) in accordance with the emergency plan. [1]			<input type="checkbox"/>
3. The process ensures that on shift emergency response responsibilities are staffed and assigned. [2]			<input type="checkbox"/>
4. The process for timely augmentation of onshift staff is established and maintained. [2]			<input type="checkbox"/>
5. Arrangements for requesting and using off site assistance have been made. [3]			<input type="checkbox"/>
6. State and local staff can be accommodated at the EOF in accordance with the emergency plan. [3]			<input type="checkbox"/>
7. A standard scheme of emergency classification and action levels is in use. [4]			<input type="checkbox"/>
8. Procedures for notification of State and local governmental agencies are capable of alerting them of the declared emergency within 15 minutes after declaration of an emergency and providing follow-up notifications. [5]			<input type="checkbox"/>
9. Administrative and physical means have been established for alerting and providing prompt instructions to the public within the plume exposure pathway. [5]			<input type="checkbox"/>
10. The public ANS meets the design requirements of FEMA-REP-10, Guide for Evaluation of Alert and Notification Systems for Nuclear Power Plants, or complies with the licensee's FEMA-approved ANS design report and supporting FEMA approval letter. [5]			<input type="checkbox"/>
11. Systems are established for prompt communication among principal emergency response organizations. [6]			<input type="checkbox"/>
12. Systems are established for prompt communication to emergency response personnel. [6]			<input type="checkbox"/>
13. Emergency preparedness information is made available to the public on a periodic basis within the plume exposure pathway emergency planning zone (EPZ). [7]			<input type="checkbox"/>
14. Coordinated dissemination of public information during emergencies is established. [7]			<input type="checkbox"/>
15. Adequate facilities are maintained to support emergency response. [8]			<input type="checkbox"/>
16. Adequate equipment is maintained to support emergency response. [8]			<input type="checkbox"/>
17. Methods, systems, and equipment for assessment of radioactive releases are in use. [9]			<input type="checkbox"/>
18. A range of public PARs is available for implementation during emergencies. [10]			<input type="checkbox"/>
19. Evacuation time estimates for the population located in the plume exposure pathway EPZ are available to support the formulation of PARs and have been provided to State and local governmental authorities. [10]			<input type="checkbox"/>
20. A range of protective actions is available for plant emergency workers during emergencies, including those for hostile action events.[10]			<input type="checkbox"/>

<b>Procedure/Document Number:</b> EN-EP-610 IP-EP-220	<b>Revision:</b> 2 18
<b>Equipment/Facility/Other:</b> Indian Point Energy Center	
<b>Title:</b> Technical Support Center (TSC) Operations Technical Support Center	
21. The resources for controlling radiological exposures for emergency workers are established. [11]	<input type="checkbox"/>
22. Arrangements are made for medical services for contaminated, injured individuals. [12]	<input type="checkbox"/>
23. Plans for recovery and reentry are developed. [13]	<input type="checkbox"/>
24. A drill and exercise program (including radiological, medical, health physics and other program areas) is established. [14]	<input type="checkbox"/>
25. Drills, exercises, and training evolutions that provide performance opportunities to develop, maintain, and demonstrate key skills are assessed via a formal critique process in order to identify weaknesses. [14]	<input type="checkbox"/>
26. Identified weaknesses are corrected. [14]	<input type="checkbox"/>
27. Training is provided to emergency responders. [15]	<input type="checkbox"/>
28. Responsibility for emergency plan development and review is established. [16]	<input type="checkbox"/>
29. Planners responsible for emergency plan development and maintenance are properly trained. [16]	<input type="checkbox"/>
<b>APPLICABILITY CONCLUSION</b> <input checked="" type="checkbox"/> If no Part V criteria are checked, a 50.54(q)(3) Evaluation is <u>NOT</u> required; document the basis for conclusion below and complete Part VI. <input type="checkbox"/> If any Part V criteria are checked, complete Part VI and perform a 50.54(q)(3) Evaluation.	
<b>BASIS FOR CONCLUSION:</b> This change issues the new fleet procedure for the Technical Support Center (TSC) at IPEC and revises the site specific facility procedure. The fleet procedure describes the activation and operation of the TSC. Introduction of the new fleet procedures does not affect nor change the intent of the facilities and equipment already in existence. The procedure is written to ensure the existing facility and TSC equipment will be used and maintained for any Emergency Response Organization (ERO) response.  IP-EP-220 (220) will be maintained at this time; however, it will be revised to remove any tasks duplicated in EN-EP-610 (610). Fleet standard forms and site specific forms will be used as needed to support 610 and new revision of 220; this will ensure IPEC site-specific Emergency Plan requirements and associated processes are retained. The 610, new fleet forms, the revised 220 and current site specific forms were reviewed against the current IPEC TSC procedure, IP-EP-220, "Technical Support Center" revision 17, the Emergency Plan, and IPEC Emergency Plan commitments. Based on this review, there are two standard ERO position titles which were not adopted by IPEC Emergency Planning: TSC Mechanical Coordinator and ENS Communicator. EN-EP-801 states that the TSC Mechanical Coordinator is optional if the TSC and OSC are co-located. These two facilities are co-located at IPEC. The ENS communicator was not added to the TSC since the ENS communications is designated to the Engineering Coordinator at IPEC and will remain. In 2011, a 50.54Q evaluation was performed and approved this difference. IPEC will assign the Engineering Coordinator to perform the checklist of ENS communicator. There is one commitment which discusses having directions for relocation to an alternate location as necessary. These directions are provided in the EPM checklists in the TSC procedure, IP-EP-220 revision 18. Changes made to IP-EP-220 revision 18 removed only duplicate tasks. Any tasks site specific and not performed in 610 will remain in 220, revision 18. Utilizing EN-EP-610, revision 2 and IP-EP-220 revision 18 for the TSC will address all tasks required for the TSC ERO and no changes to the response processes of facility activation, response time, and organization responsibilities, addressed by 10CFR50.47(b) planning standards will be made.  Summary – No ERO positions changes have been made. No ERO responsibilities have been added or deleted. The description, activation and operation of the TSC as described in the IPEC Emergency Plan have not been changed. All site specific commitments continue to be met under the fleet procedure or the use of the site specific facility procedure. This change does not alter the TSC structure, organization or location.  The revision of the Technical Support Center procedure, IP-EP-220 rev 18 and issuance of the fleet Technical Support Center Operations procedure, EN-EP-610 and site specific forms screens out.  Changes made to IP-EP-220 rev. 18 and EN-EP-610 revision 2 have been reviewed to determine if they affect any of the planning standards or program elements in Part V of this form. It has been concluded that there is no affect and no further evaluation is required and the changes do not require a change to the IPEC Emergency Plan.	

<b>Procedure/Document Number:</b> EN-EP-510 IP-EP-220		<b>Revision:</b> 2 18
<b>Equipment/Facility/Other:</b> Indian Point Energy Center		
<b>Title:</b> Technical Support Center (TSC) Operations Technical Support Center		
<b>Part VI. Signatures:</b>		
<b>Preparer Name (Print)</b> Rebecca A. Martin Sr. EP Project Manager	<b>Preparer Signature</b> 	<b>Date:</b> 11/30/15
<b>(Optional) Reviewer Name (Print)</b> John P. Standridge Nuclear EP Project Manager	<b>Reviewer Signature</b> 	<b>Date:</b> 11/30/15
<b>Approver Name (Print)</b> Lori A. Glander EP Manager	<b>Approver Signature</b> 	<b>Date:</b> 12-1-15

**ATTACHMENT 10.2** **IPEC PROCEDURE REVIEW AND APPROVAL**  
(Page 1 of 1)

Procedure Title: Technical Support Center

Procedure No: IP-EP-220    Existing Rev: 17    New Rev: 18    DRN/EC No: DRN-15-01355

Procedure Activity (MARK Applicable)	<input type="checkbox"/> Converted To IPEC, Replaces:	Temporary Procedure Change (MARK Applicable)
<input type="checkbox"/> NEW PROCEDURE <input checked="" type="checkbox"/> GENERAL REVISION <input type="checkbox"/> PARTIAL REVISION <input type="checkbox"/> EDITORIAL REVISION <input type="checkbox"/> VOID PROCEDURE <input type="checkbox"/> SUPERSEDED	Unit 1 Procedure No: _____ Unit 2 Procedure No: _____ Unit 3 Procedure No: _____	<input type="checkbox"/> EDITORIAL Temporary Procedure Change (Enter Step Number in Revision Summary) <input type="checkbox"/> ADVANCE Temporary Procedure Change <input type="checkbox"/> CONDITIONAL Temporary Procedure Change Terminating Condition: _____
<input type="checkbox"/> RAPID REVISION	Document in Microsoft Word: <input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> VOID DRN/TPC No(s): _____

**Revision Summary**     N/A - See Revision Summary page.

Revised to support implementation of new fleet facility procedures. Removed any duplicate tasks and kept site specific requirements and commitments.

**Implementation Requirements**

Implementation Plan?  Yes  No    Formal Training?  Yes  No    Special Handling?  Yes  No

RPO Dept: Emergency Planning    Writer (Print Name/ Ext/ Sign): Rebecca A. Martin / *Rebecca A Martin*

**Review and Approval** (Per Attachment 10.1, IPEC Review And Approval Requirements)

1.  Technical Reviewer: Casey Karsten / *[Signature]* 1/25/16  
 (Print Name/ Signature/ Date)

2.  Cross-Disciplinary Reviewers:  
 Dept: \_\_\_\_\_ Reviewer: \_\_\_\_\_  
 (Print Name/ Signature/ Date)

Dept: \_\_\_\_\_ Reviewer: \_\_\_\_\_  
 (Print Name/ Signature/ Date)

3. RPO Responsibilities: Lori Glander / *[Signature]* 1-25-16  
 (Print Name/ Signature/ Date)

- PAD required and is complete (PAD Approver and Reviewer qualifications have been verified)
- Previous exclusion from further LI-100 Review is still valid
- PAD not required due to type of change

4.  Non-Intent Determination Complete: \_\_\_\_\_  
 (Print Name/ Signature/ Date)

- NO change of purpose or scope  
 NO reduction in the level of nuclear safety  
 NO voiding or canceling of a procedure, unless requirements are incorporated into another procedure or the need for the procedure was eliminated via an alternate process
- NO change to less restrictive acceptance criteria  
 NO change to steps previously identified as commitment steps  
 NO deviation from the Quality Assurance Program Manual  
 NO change that may result in deviations from Technical Specifications, FSAR, plant design requirements, or previously made commitments

5.  On-Shift Shift Manager/CRS: \_\_\_\_\_  
 (Print Name/ Signature/ Date)

6.  User Validation: User: \_\_\_\_\_ Validator: \_\_\_\_\_

7.  Special Handling Requirements Understood: \_\_\_\_\_  
 (Print Name/ Signature/ Date)

# Emergency Planning Document Change Checklist Form

(All sections must be completed, N/A or place a check on the line where applicable)

## Section 1

Doc/Procedure Type: (circle one) Administrative / Implementing / EPLAN

Doc/Procedure No: IP EP 220 C/A: Yes \_\_\_ No \_\_\_ C/A No. \_\_\_\_\_ Due Date: \_\_\_\_\_

Doc/Procedure Title: Technical Support Center Rev No: 18 Rev Distribution Date: 01/27/16

Reason for EPDCC: \_\_\_ New X Revision \_\_\_ Cancel Date of EPDCC: 01/13/16

## Section 2

### Change Description

1. Originator: Rebecca A. Martin *Rebecca A Martin*
2. Class of Change: Technical Correction \_\_\_ New Commitment \_\_\_ Other X
3. Page numbers affected and reason for change: Revised to support implementation of new fleet facility procedures. Removed any duplicate tasks and kept site specific requirements and commitments.
4. Emergency Planning Documents Affected: None
5. Emergency Planning Procedures Affected: IP-EP-220
6. References: Other Procedure(s) # N/A Regulatory Document # N/A  
Other: \_\_\_\_\_
7. Reviewed training requirements with department training coordinator \_\_\_ date: \_\_\_\_\_
8. The following are complete, or are not applicable and are so marked.  
Tech Review n/a 50.54q X ENN-LI-100: N/A PL-155 N/A SMM-AD-102 X  
Manager approval X SRC N/A
9. Both table of contents and transmittals are complete \_\_\_\_\_ date \_\_\_\_\_
10. Approved doc/procedure delivered to Document Control for distribution \_\_\_\_\_ date \_\_\_\_\_
11. Position Binders updated if applicable: \_\_\_\_\_ date \_\_\_\_\_
12. Copy of EPDCC and document/procedure placed in EP file \_\_\_\_\_ date \_\_\_\_\_

# IPEC EMERGENCY PLAN DISTRIBUTION LIST

Page 1 of 2

LOCATION	COPY HOLDER	ADDRESS	NUMBER OF COPIES
IP3 CONTROL ROOM	DELIVERED BY DOCUMENTS	IP3 53FT. CCR	1 COPY OF ALL EP'S
IP3 SHIFT MANAGER	DELIVERED BY DOCUMENTS	IP3 53FT. ELEVATION	1 COPY OF ALL EP'S
IP2 CONTROL ROOM	DELIVERED BY DOCUMENTS	IP2 53FT. CCR	1 COPY OF ALL EP'S
IPEC TSC	DELIVERED BY DOCUMENTS	IP2 53FT. ELEVATION	1 COPY OF ALL EP'S
IP2 SIMULATOR	DELIVERED BY DOCUMENTS	IP2 SIMULATOR BLDG.	1 COPY OF ALL EP'S
IP2 SIMULATOR - CLASSROOM 4	DELIVERED BY DOCUMENTS	IP2 SIMULATOR BLDG.	1 COPY OF ALL EP'S
IP2 SIMULATOR - CLASSROOM 5	DELIVERED BY DOCUMENTS	IP2 SIMULATOR BLDG.	3 COPIES OF ALL EP'S EXCEPT E-PLAN
NRC RESIDENT INSPECTOR	NRC	IP2 88FT. ELEVATION	1 COPY OF ALL EP'S
DOC CONTROL DESK	NRC - ROCKVILLE, MD ADDRESS	OFFSITE	1 COPY OF ALL EP'S AND GENERAL RECORDS EXCEPT IP-EP-115
NRC	STEVE BARR	OFFSITE	1 COPY OF ALL EP'S AND GENERAL RECORDS EXCEPT IP-EP-115
NRC	DEPUTY DIRECTOR	OFFSITE	1 COPY OF ALL EP'S AND GENERAL RECORDS EXCEPT IP-EP-115
NEW YORK STATE OEM	TED FISCH	OFFSITE	1 COPY OF THE FOLLOWING: E-PLAN , IP-EP-115, 120, 210, 250, 310, 340, 360, 410, 420, 430, 620 & IP-1055
WESTCHESTER COUNTY OEM	DENNIS DELBORGO	OFFSITE	1 COPY OF E-PLAN, IP-EP-310 & 340
ROCKLAND COUNTY FIRE AND EMERGENCY SERVICES	NICHOLAS LONGO	OFFSITE	1 COPY OF E-PLAN, IP-EP-310 & 340
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