

# ENERGY NORTHWEST

## INTEROFFICE MEMORANDUM

50-397

DATE: August 23, 2001

TO: Distribution

FROM: Procedure Control, Administrative Services, (927A)

SUBJECT: PLANT PROCEDURES MANUAL - VOLUME 13

Distribution Package: 2001-533

**REFERENCE:**

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<u>Procedure</u>	<u>Rev.</u>	<u>Title</u>
13.10.1	21	Control Room Operations and Shift Manager Duties

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USE CURRENT REVISION

COLUMBIA GENERATING STATION  
PLANT PROCEDURES MANUAL

PROCEDURE NUMBER	APPROVED BY	DATE
*13.10.1	JEW - Revision 21	08/23/01
VOLUME NAME		
EMERGENCY PLAN IMPLEMENTING PROCEDURES		
SECTION		
PLANT EMERGENCY FACILITIES		
TITLE		
CONTROL ROOM OPERATIONS AND SHIFT MANAGER DUTIES		

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1.0 PURPOSE

To describe the responsibilities of the Shift Manager, Control Room Operators, and Shift Technical Advisor, and actions to be taken in the event it becomes necessary to activate and operate the Control Room as an emergency response facility during an emergency.

2.0 REFERENCES

- 2.1 10CFR50.72, Immediate Notification Requirements for Operating Nuclear Power Reactors {R-1932}
- 2.2 10CFR50, Appendix E (IV)(A) {R-5695, R-5708}
- 2.3 FSAR, Chapter 13.3, Emergency Plan
- 2.4 Technical Specification 5.1.2 {R1343}
- 2.5 OER 79071C, Unauthorized Forced Entry into the Protected Area at Three Mile Island Unit 1 on February 7, 1993
- 2.6 PPM 1.3.1, Operating Policies, Programs, and Practices
- 2.7 PPM 1.9.14, Onsite Medical Emergencies
- 2.8 PPM ABN-RAD-CR, Control Room HVAC High Radiation
- 2.9 PPM 5.7.1, Severe Accident Guidelines
- 2.10 Technical Memorandum 2117, Technical Support Guidelines for Core Thermal Engineer
- 2.11 PPM 13.1.1, Classifying the Emergency
- 2.12 PPM 13.10.2, TSC Manager Duties
- 2.13 PPM 13.2.1, Emergency Exposure Levels/Protective Action Guides
- 2.14 PPM 13.2.2, Determining Protective Action Recommendations
- 2.15 PPM 13.4.1, Emergency Notifications
- 2.16 PPM 13.5.1, Localized and Protected Area Evacuations
- 2.17 PPM 13.5.3, Evacuation of Exclusion Area and/or Nearby Facilities
- 2.18 PPM 13.5.5, Personnel Accountability, Search and Rescue

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- 2.19 PPM 13.8.1, Emergency Dose Projection System Operations
- 2.20 PPM 13.13.4, After Action Reporting
- 2.21 Classification Notification Form, 968-24075
- 2.22 Emergency Director Turnover Sheet, 968-25810
- 2.23 Emergency Response Log, 968-23895
- 2.24 Emergency Classification or Other Emergency Messages, 968-26045
- 2.25 Public Address Emergency Message Format - Localized Evacuation, 968-26048
- 2.26 Public Address Emergency Message Format - Protected Area Evacuation, 968-26050
- 2.27 Public Address Emergency Message Format - Exclusion Area Evacuation, 968-26051
- 2.28 Follow-up Notifications, 968-26098
- 2.29 Partial Activation or Manpower Schedule, 968-26171

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3.0 DISCUSSION

- 3.1 The Emergency Director (ED) is the Energy Northwest individual on site at all times who shall have the authority and responsibility to immediately and unilaterally initiate any emergency actions. {R-5708}
- 3.2 The Columbia Generating Station Shift Manager will normally act as ED when an emergency classification is initially declared. ED responsibilities will transfer from the Shift Manager to the TSC Manager or the EOF Manager depending upon time of facility activation.
- 3.3 The Shift Manager is responsible for plant operations and during an emergency will be in charge of directing the activities of on shift personnel in taking those actions necessary to mitigate the emergency conditions. The Shift Manager is the ultimate authority in prioritizing and initiating all phases of plant operations. {R-5695}
- 3.4 The Shift Manager and Security Supervisor are responsible to determine the appropriate course of action to deal with a security contingency that has the potential to threaten emergency response center activation and personnel safety.
- 3.5 Severe Accident Guidelines (SAGs) are entered and Emergency Operating Procedures (EOPs) are exited when primary containment flooding is required.
- 3.6 Once emergency operations commence and EIPs are entered, normal work control practices are superseded by EIP repair team work task methodology. When the emergency is terminated or recovery operations begin, normal work control practices are reinstated.

4.0 PROCEDURE

4.1 Shift Manager Actions

NOTE: Shift Manager procedural steps may be documented using Attachment 5.1, Shift Manager Checklist.

- 4.1.1 Diagnose plant conditions and direct necessary actions to alleviate abnormal conditions.
- 4.1.2 Implement the actions of Section 4.7 until relieved by the responding Emergency Director in accordance with Section 4.6.

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- a) With assistance from the STA, determine the necessity to change the emergency classification in accordance with PPM 13.1.1. Make the necessary public address announcements:

**CAUTION:** At the Unusual Event level when it is desired to activate the TSC and OSC, DO NOT activate the standard auto-dialer scenario for Unusual Event. Record an on-the-fly message to summon TSC and OSC staff using form 968-26171, Partial Activation or Manpower Schedule, instead.

- 1) Emergency center activation. Refer to Emergency Classification or Other Emergency Messages, 968-26045, or,
  - 2) Localized evacuation. Refer to Public Address Emergency Message Format - Localized Evacuation, 968-26048, or,
  - 3) Protected Area Evacuation. Refer to Public Address Emergency Message Format - Protected Area Evacuation, 968-26050, or
  - 4) Exclusion Area Evacuation. Refer to Public Address Emergency Message Format - Exclusion Area Evacuation, 968-26051.
- b) Ensure appropriate Control Room log entries are made for the emergency classifications and offsite notification actions.
- c) At Site Area Emergency or higher classification, assign an individual in the Control Room to perform center accountability duties per PPM 13.5.5 if manual accountability is necessary.

4.1.3 If it becomes necessary to activate the TSC and OSC at an Unusual Event for additional support, activate both centers.

- a) Use form 968-26171, Partial Activation or Manpower Schedule, to record an on-the-fly auto-dialer message to summon OSC and TSC staff at Unusual Event.

4.1.4 For any potential security scenario that could pose a threat to emergency center activation and personnel safety, confer with the Security Supervisor to determine:

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- appropriate areas for TSC and OSC operations
- avenues of safe access
- communications abilities
- the ability of Security to keep the area safe
- if it is safe to summon the ERO or activate emergency centers

**NOTE:** If the SCC is not available to complete offsite notifications, the Control Room must complete offsite notifications until the SCC can resume this responsibility.

- 4.1.5 If the TSC and OSC are activated, direct the TSC to suspend in-plant activities until further notice.
- 4.1.6 If security event conditions exist for an emergency classification, declare the appropriate classification and initiate the notification process, but do not summon the ERO or activate emergency centers until it is safe to do so. Confer with the Security Supervisor to make that determination.
- 4.1.7 If conditions still exist for an emergency classification at the time the security scenario is terminated, initiate the normal notification process. Refer to form 968-26045 (pink).
- 4.1.8 If conditions no longer exist for the emergency classification at the time the security event is terminated and it is desired to terminate the emergency classification, do not notify the ERO or activate emergency centers unless other emergency conditions make it necessary.
  - a) If special instructions are required to the ERO, prepare an "on-the-fly" message notification, using form 968-26171, Partial Activation or Manpower Schedule Message, Use WNP2 as the password.
- 4.1.9 If a Transitory Event has been discovered per PPM 13.1.1, notify the NRC per the instructions in PPM 13.4.1, section 5.9, Notification of Transitory Events.
- 4.1.10 If neither the EOF nor the Technical Support Center (TSC) have been activated, and:
  - a) An effluent release approaching or in excess of PPM 13.1.1 Emergency Action Levels has occurred, or is occurring; or
  - b) An abnormal release of radioactive effluents is indicated;

Then direct a qualified individual to initiate offsite dose calculations per PPM 13.8.1 and determine if Protective Action Recommendations (PARs) for

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the public in accordance with PPM 13.2.2, or classifications in accordance with PPM 13.1.1, are required.

- 4.1.11 If the Technical Support Center (TSC) is activated, transfer responsibilities for peripheral duties not directly related to reactor systems manipulation to the TSC.
- 4.1.12 Maintain communications with the TSC Operations Manager concerning plant status. Use the Emergency Director ringdown phone as appropriate to discuss mitigating actions prior to implementation of those actions.
- 4.1.13 Keep the Operations Manager in the TSC informed of plant conditions and actions which may impact in plant or offsite activities.
- 4.1.14 Request the Operations Manager call in additional Control Room support personnel as needed.
- 4.1.15 If notified of an emergency situation that requires Fire Brigade response, perform the following:
  - a) Activate the alerting tone.
  - b) Announce the type of emergency.
  - c) Give the emergency's location.
  - d) Request the Fire Brigade respond to the emergency.
  - e) Repeat the announcement.
  - f) Establish communications with the Fire Brigade Leader at the scene of the emergency to obtain situational reports, confer on action plans, and assess manpower and equipment needs for mitigating the emergency.
  - g) Ensure the Control Room maintains accountability for emergency personnel performing Fire Brigade or Emergency Operating Procedure (EOP) activities until the OSC is activated.

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**NOTE:** When not used for Control Room dispatched activities, emergency personnel may be staged in the OSC or at a location determined by the Shift Manager and the OSC Manager.

**NOTE:** When activated, the OSC becomes responsible for accountability of plant emergency workers.

4.1.16 Inform the OSC of:

- Known or suspected Plant hazards
- Names of dispatched Fire Brigade or EOP team members
- Assignment
- Location
- Time dispatched and expected time of return

**NOTE:** Tasks of an immediate nature should be prefaced by the term "urgent". The Shift Manager will usually confer with the Operations Manager on tasks of an urgent nature, but the Shift Manager has the final authority in determining if a task is "urgent".

- 4.1.17 If a task is identified as requiring an immediate response, designate it as "urgent" and communicate the task to the TSC Operations Manager or TSC Manager.
- 4.1.18 If more than one "urgent" task is identified, select a priority for each and inform the TSC Operations Manager.
- 4.1.19 If notified of the need for offsite medical assistance for injured or contaminated injured personnel, implement PPM 1.9.14.
- 4.1.20 Refer any incoming media calls to the Joint Information Center.
- 4.1.21 Maintain a log of events and actions.
- 4.1.22 For termination of emergency:
  - a) Collect the individual After Action Reports prepared by staff personnel.
  - b) Prepare an individual After Action Report as per PPM 13.13.4.

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c) Deliver all After Action Reports to the Operations Manager.

#### 4.2 Control Room Supervisor Actions

4.2.1 Advise the Shift Manager of abnormal conditions and perform duties as directed.

4.2.2 Take actions to terminate the conditions causing the emergency.

4.2.3 Continuously monitor the Control Room habitability in accordance with PPM ABN-RAD-CR.

**NOTE:** If you initiate PPM ABN-RAD-CR while the TSC is occupied, notify the TSC Manager that an air stagnation condition will exist.

4.2.4 If the TSC is determined to be uninhabitable, initiate TSC isolation actions specified in PPM ABN-RAD-CR.

4.2.5 In the absence of the Shift Manager or higher authority, assume Shift Manager responsibilities, including Emergency Director responsibilities and authority as per Section 4.7. {R1343}

4.2.6 Direct the activities of Control Room Operators and Equipment Operators.

4.2.7 Refer any incoming media calls to the Joint Information Center.

#### 4.3 Control Room Operator Actions

4.3.1 Recognize unusual plant conditions and take necessary actions under direction of Control Room Supervisor and/or Shift manager to terminate the condition causing the emergency.

4.3.2 Keep the Control Room Supervisor informed of unusual conditions.

4.3.3 Refer any incoming media calls to the Joint Information Center.

#### 4.4 Shift Technical Advisor/Emergency Response SRO Actions

- The Shift Technical Advisor (STA) qualified individual should stay abreast of plant activities and status. The STA qualified individual evaluates the risk associated with planned plant activities and advises shift management on actions to be taken to minimize the associated risk. When appropriate, the STA qualified individual should advise shift management on technical matters.

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An STA qualified individual shall be on shift in modes 1, 2, or 3, per FSAR requirements.

When the STA qualified individual is performing a dual role as the Shift Manager or Control Room Supervisor, another SRO (the Emergency Response SRO) shall be on shift to provide independent oversight of plant activities and status, and to assist the Shift Manager in emergency response activities. This individual may be the Shift Support Supervisor (SSS), if SRO qualified.

- The Emergency Response SRO shall be on shift in all modes when the STA function is provided by the Shift Manager or Control Room Supervisor. The Emergency Response SRO is another SRO present to advise and assist the Shift Manager on emergency response actions such as emergency classifications and notifications, protective action recommendations, and off-site dose assessment.
- 4.4.1 If an off-normal condition is indicated, or if directed by the Shift Manager, man the duty station in the control room and maintain a log of your actions.
  - 4.4.2 Assist the Shift Manager in evaluating plant conditions relative to preestablished emergency action levels and initiating conditions and in declaring the appropriate emergency classification. Refer to PPM 13.1.1.
  - 4.4.3 Utilize the computer outputs (such as, TDAS, PDIS and GDS) to evaluate the potential for core damage or worsening of an abnormal event.
  - 4.4.4 If core damage is suspected, make a qualitative assessment of plant parameters using Technical Memorandum 2117, Technical Support Guidelines for Core Thermal or Reactor Engineer during and following an abnormal event if the TSC is not activated. Provide the Shift Manager with a Plant Status Assessment.
  - 4.4.5 Provide the Shift Manager with recommendations to minimize or control the consequences of an emergency condition.

NOTE: A radioactive release is in progress when any of the following conditions exist:

- A valid reading exists which exceeds PPM 13.1.1 Table 3 Column UE, OR
- Offsite dose calculations meet or exceed PPM 13.1.1 Table 4 Column UE levels for TEDE or CDE thyroid, OR
- Field teams measure GE 100 microR at 1.2 miles.

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NOTE: Refer to PPM 13.8.1 for dose projection guidance.

- 4.4.6 Perform offsite dose assessment using the Quick Emergency Dose Projection System (QEDPS).
- 4.4.7 Provide input to the Emergency Director for emergency classification and/or protective action decisions as necessary in accordance with PPM 13.2.2 guidance.
- 4.4.8 Coordinate turn over of offsite dose projection functions to the TSC or EOF when they are activated and able to assume procedural responsibility.
- 4.4.9 Provide information to the Shift Manager on Emergency Plan Implementing Procedures that prescribe emergency response actions that provide for employee and public safety.
- 4.4.10 Continuously reassess plant conditions and keep the Shift Manager informed of new data and your recommendations.
- 4.4.11 Refer incoming media calls to the Joint Information Center.

4.5 All Control Room Personnel

- 4.5.1 Upon shift change, brief your relief on responsibilities, duties and current status of tasks being performed.
- 4.5.2 Upon shift change or termination of the emergency:
  - a) Prepare individual After Action Report as per PPM 13.13.4.
  - b) Deliver all After Action Reports to Shift Manager for delivery to the Operations Manager.

4.6 Transfer Of Emergency Director Duties

The Shift Manager remains a part of the decision making team when in SAGs. Announce the transition of SAG entry and EOP exit to the Control Room and TSC Operations Manager.

- 4.6.1 Transferring the Emergency Director duties:
  - a) When contacted by an oncoming Emergency Director, give a time when conditions would permit the turnover process.

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NOTE: The Classification Notification Form or the Emergency Director Turnover Sheet can be used as a guide during the turnover process.

- b) At the time when conditions permit, contact the oncoming Emergency Director and conduct a turnover that includes a discussion of the Plant status and emergency conditions.
- c) Once the oncoming Emergency Director fully understands the current conditions and proposed actions, transfer the Emergency Director duties.
- d) Announce the transfer to the facility staff.
- e) Log the transfer in the facility log.

#### 4.7 Actions As Emergency Director

Once EPIPs have been entered (emergency classification occurs), recovery actions not specifically authorized by plant procedures which have a potential for radioactive release to the environment require Emergency Director concurrence.

4.7.1 Assume the following responsibilities, delegating tasks as needed with the exception of items a., through d., which may not be delegated to any other member of the Emergency Response Organization:

- a) Classification of emergencies in accordance with PPM 13.1.1, and periodically review the classification to ensure that it reflects current plant conditions.
- b) Making protective action recommendations in accordance with PPM 13.2.2, to offsite authorities responsible for implementing emergency measures for the public.
- c) Approving official notifications/communications (i.e., Crash calls) to local, state, and Federal agencies.
  - 1) Ensure that immediately after notification of the appropriate state and local agencies, but not later than one hour after event classification, a designated communicator: {R1932}
    - a) Provides the NRC with event information using guidance contained in the Event Notification Worksheet (Form 968-25665) via the NRC Emergency Notification System (ENS), or by dialing:

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(301) 816-5100 or (301) 951-0550; and

- b) Maintains continuous communication with the NRC for whatever period they request or until relieved by the Plant/NRC Liaison position in the TSC.
- d) Requesting assistance from offsite organizations and agencies as needed.
- e) Approving the technical content of press releases.
- f) Ensuring, through the facility managers, that the appropriate emergency procedures are implemented.
- g) Ensuring the requisite emergency response facilities are activated and properly staffed.
- h) If advised of a personnel injury or death, then:
  - 1) Ensure that transportation to a medical facility is being arranged and next-of-kin notifications occur using guidance found in PPM 1.9.14.
  - 2) Ensure details of the incident, e.g., individuals name, type of injury, duties when injury occurred, etc., are forwarded to the Joint Information Center.
- i) Authorizing venting of the primary containment when in SAGs.

NOTE: The Shift Manager, as Emergency Director, may terminate an Unusual Event. Due to the commitment of onsite and offsite manpower and resources, only the EOF Manager as the Emergency Director may terminate an event classified as Alert or greater.
- j) Terminating the emergency and entering the recovery phase in accordance with PPM 13.13.2, Emergency Event Termination And Recovery Operations.

4.7.2 If action is determined to be necessary that causes the plant to depart from Technical Specifications or license conditions, refer to PPM 1.3.1 to invoke 10CFR 50.54(x) actions.

4.7.3 Approximately every 30 minutes, or when conditions change, perform the following:

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- a) Review the emergency action levels (EALs) in procedure PPM 13.1.1 to ensure the emergency classification declared reflects current Plant conditions.
- b) Review the protective action recommendations (PARs) in procedure PPM 13.2.2 to ensure the PARs declared reflect current Plant or radiological release conditions.
- c) Review the status of onsite protective actions and whether actions should be modified based on the current Plant conditions.
- d) Conduct facility briefing.

4.7.4 When conditions warrant a change in emergency classification or protective action recommendations, then perform the following:

- a) Complete a Classification Notification Form (CNF).

NOTE: Notifications to the state, counties and DOE (Hanford) are required within 15 minutes of time noted on the Classification Notification Form.

- b) Ensure initial and follow-up notifications are performed in accordance with PPM 13.4.1, using the completed CNF as the basis. Refer to 968-26098, Follow-up Notifications, for follow-up notifications.
- c) Direct the Information Coordinator to inform the other Columbia Generating Station emergency facilities of the change in emergency classification and/or protective actions and to ensure a copy of the CNF is sent to the appropriate organizations.

4.7.5 Determine if Protected Area evacuation actions need to be taken in accordance with the following:

- a) Alert - Evacuation is optional, depending on event prognosis, consider evacuating plant personnel who are not part of the ERO.
- b) Site Area Emergency and General Emergency - Protected Area evacuation is required for most situations per PPM 13.5.1 for personnel who are not part of the ERO.

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- 4.7.6 Consider exclusion area evacuation in accordance with PPM 13.5.3 when a Site Area Emergency is declared and order an exclusion area evacuation when a General Emergency is declared.
- 4.7.7 Authorize personnel to take potassium iodide (KI) when recommended by the Radiation Protection Manager or Radiological Emergency Manager in accordance with PPM 13.2.1.

5.0 ATTACHMENTS

5.1 Shift Manager Checklist

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## SHIFT MANAGER CHECKLIST

<u>Response Actions</u>	<u>Time Completed</u>	<u>Initials</u>
<b><u>Shift Manager Actions</u></b>		
1. Diagnose plant conditions and direct necessary actions to alleviate abnormal conditions.	_____	_____
2. Implement actions of Section 4.1 or 4.7 until relieved by the responding ED per Section 4.6.	_____	_____
3. If it becomes necessary to activate the TSC and OSC for additional support, activate both centers.	_____	_____
4. For security contingencies, confer with the Security Supervisor to determine appropriate areas for TSC/OSC operations, safe routes, communications ability, and if it is safe to summon the ERO or activate the emergency centers.	_____	_____
5. If EOF nor the TSC have activated and an abnormal release of radioactive effluents is indicated, direct a qualified individual to initiate offsite dose calculations and determine if PARs per PPM 13.2.2 or classification per PPM 13.1.1 are required.	_____	_____
6. If TSC or EOF is activated, transfer responsibilities not directly related to reactor manipulation to the TSC.	_____	_____
7. Keep Operations Manager in TSC informed of plant conditions which may impact in plant or offsite activities.	_____	_____
8. Maintain communications with the TSC Operations Manager concerning plant status. Use the Emergency Director ringdown phone as appropriate to discuss mitigating actions prior to implementation of those actions.	_____	_____
9. Request Operations Manager call in additional CR support personnel as needed.	_____	_____

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<u>Response Actions</u>	<u>Time Completed</u>	<u>Initials</u>
10. If notified of emergency situation that requires FB response, perform the following: <ul style="list-style-type: none"> <li>a. Activate the alerting tone.</li> <li>b. Announce the type of emergency.</li> <li>c. Give the emergency's location.</li> <li>d. Request the FB respond to the emergency.</li> <li>e. Repeat the announcement.</li> <li>f. Ensure Control Room maintains accountability for personnel performing FB or EOP activities until the OSC is activated.</li> <li>g. Establish communications with FB Leader at scene to obtain situational reports, confer on action plans, and assess manpower and equipment needs.</li> </ul>	_____	_____
11. When activated, inform OSC of known or suspected Plant hazards, and names of dispatched FB or EOP teams, assignment, location, time dispatched and expected time to return.	_____	_____
12. If task requires immediate response, designate it as "urgent" and communicate to TSC Operations Manager or TSC Manager.	_____	_____
13. If more than one "urgent" task is identified, select a priority for each and inform the TSC Operations Manager.	_____	_____
14. If notified of need for offsite medical assistance, implement PPM 1.9.14.	_____	_____
15. Refer any incoming media calls to the JIC.	_____	_____
16. Maintain log of events and actions.	_____	_____
17. For termination of emergency, collect After Action Reports (AAR) from staff, prepare an individual AAR per PPM 13.13.4, and deliver AARs to Operations Manager.	_____	_____

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Transfer Of Emergency Director Duties

The Shift Manager remains a part of the decision making team when in SAGs. Announce the transition of SAG entry and EOP exit to the Control Room and TSC Operations Manager.

1. If transferring the ED duties:
  - a. When contacted by an oncoming ED, give a time when conditions would permit the turnover process. \_\_\_\_\_
  - b. At the time when conditions permit, contact oncoming ED and conduct a turnover using the Classification Notification Form or the Emergency Director Turnover Sheet as a guide. \_\_\_\_\_
  - c. Once the oncoming ED fully understands current conditions and proposed actions, transfer ED duties. \_\_\_\_\_
  - d. Announce the transfer to the facility staff. \_\_\_\_\_
  - e. Log the transfer in the facility log. \_\_\_\_\_

Actions As Emergency Director

Once EPIPs have been entered (emergency classification occurs), recovery actions not specifically authorized by plant procedures which have a potential for radioactive release to the environment require Emergency Director concurrence.

1. Assume the following responsibilities, delegating as necessary with the exception of items a., through d., which are nondelegable:
  - a. Classification of emergencies per PPM 13.1.1 and periodically review the classification to ensure that it reflects current plant conditions. \_\_\_\_\_
  - b. Making protective action recommendations per PPM 13.2.2 to offsite authorities responsible for implementing emergency measures for the public.
  - c. Approving official notifications/communications to local, state, and Federal agencies.
  - d. Requesting assistance from offsite organizations and agencies as needed.

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e. Approving the technical content of press releases.

f. If advised of a personnel injury or death, then:

Ensure that transportation to a medical facility is being arranged and next-of-kin notifications occur using guidance found in PPM 1.9.14.

Ensure details of the incident, e.g., individuals name, type of injury, duties when injury occurred, etc., are forwarded to the Joint Information Center.

g. Authorizing venting of the primary containment when in SAGs.

h. Terminating the emergency and entering the recovery phase per PPM 13.13.2.

<u>Response Actions</u>	<u>Time Completed</u>	<u>Initials</u>
2. Refer to PPM 1.3.1 to invoke 10CFR 50.54(x) actions as necessary.	_____	_____
3. Approximately every 30 minutes, or when conditions change, perform the following: a. Review the EALs in procedure PPM 13.1.1 to ensure the emergency classification declared reflects current Plant conditions. b. Review the PARs in procedure PPM 13.2.2 to ensure the PARs declared reflect current Plant or radiological release conditions. c. Review the status of onsite protective actions and whether actions should be modified based on the current Plant conditions.	_____	_____
4. When conditions warrant a change in emergency classification or protective action recommendations, perform the following: a. Complete a Classification Notification Form (CNF). b. Ensure notifications are performed per PPM 13.4.1 using the completed CNF as a basis.	_____	_____

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c. Direct the Information Coordinator to inform the other Columbia Generating Station emergency facilities of the change in emergency classification and/or protective actions and ensure a copy of the CNF is sent to the appropriate organizations.

- 5. Determine if Protected Area evacuation actions need to be taken. Protected Area evacuations are required for most situations at Site Area Emergency per PPM 13.5.1. \_\_\_\_\_
- 6. Consider exclusion area evacuation per PPM 13.5.3 when a Site Area Emergency is declared and order an exclusion area evacuation when a General Emergency is declared. \_\_\_\_\_
- 7. Authorize increases to emergency worker radiation exposure limits when recommended by the Radiation Protection Manager or Radiological Emergency Manager per PPM 13.2.1. \_\_\_\_\_
- 8. Authorize personnel to take potassium iodide (KI) when recommended by the Radiation Protection Manager or Radiological Emergency Manager per PPM 13.2.1. \_\_\_\_\_

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