

COMANCHE PEAK STEAM ELECTRIC STATION

EMERGENCY PLAN MANUAL

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ACTIVATION AND OPERATION OF THE  
OPERATIONS SUPPORT CENTER (OSC)

PROCEDURE NO. EPP-205

REVISION NO. 12

EFFECTIVE DATE: 5/2/97

**MAJOR REVISION**

CHANGES NOT INDICATED

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1.0 PURPOSE [C-00664,04018,14881]

This procedure provides guidance for the activation and operation of the Operation Support Center (OSC).

This procedure also identifies responsibilities of key personnel assigned to the OSC.

2.0 APPLICABILITY

This procedure becomes effective upon declaration of an Alert, Site Area Emergency, or General Emergency.

This procedure may become effective upon declaration of a Notification of Unusual Event, if the Emergency Coordinator directs the activation of the OSC.

This procedure is applicable to all Operation Support Center (OSC) personnel.

3.0 DEFINITIONS

3.1 Access Control Point - The designated entry and exit point for inplant Radiation Controlled Areas.

3.2 Activation - Condition where the OSC is staffed with minimum personnel and capable of performing the functions defined in Table 1.1 of the Emergency Plan.

3.3 Emergency Repair and Damage Control (ERDC) Activities - Activities required to mitigate an emergency and return the plant to a stable condition.

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3.4 Habitability - Radiological or other conditions that render a facility fit or unfit for use.

3.5 Relocation - Movement of OSC personnel to another location when exposure to ionizing radiation exceeds allowable limits or when other conditions warrant.

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4.0 INSTRUCTIONS

NOTE: Individual task lists, including specific steps to accomplish these tasks, are found in the Position Assistance Documents (PADs).

4.1 Responsibilities

4.1.1 OSC Manager

- 4.1.1.1 Declaring the OSC activated.
- 4.1.1.2 Activating and establishing OSC communications with TSC and Control Room personnel. [C-05694]
- 4.1.1.3 Supervising personnel assigned to the OSC and maintaining reserve operating staff.
- 4.1.1.4 In accordance with the priorities established by TSC, dispatching and coordinating personnel to perform ERDC activities, performing radiological surveys, personnel rescue operations, establishing controlled areas, and initiating recovery actions.
- 4.1.1.5 Deciding to relocate the OSC with the advice of the OSC Radiation Protection Coordinator. [C-05718]
- 4.1.1.6 Conducting an initial accountability of OSC personnel upon the order of a site evacuation, and maintaining a continuous accountability of OSC personnel thereafter.
- 4.1.1.7 Providing periodic plant and facility status briefings to OSC personnel.

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4.1.2 OSC Radiation Protection Coordinator

- 4.1.2.1 Providing radiological status updates to personnel assigned to the OSC.
- 4.1.2.2 Monitoring habitability, including airborne considerations, in the OSC;  
and informing the OSC Manager if relocation or other protective  
measures are warranted for OSC personnel.
- 4.1.2.3 Determining the needed dosimetry and protective measures for  
personnel assigned to or dispatched from the OSC.

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- 4.1.2.4 Selecting, assigning, and briefing Radiation Protection personnel for radiological monitoring duties.
- 4.1.2.5 Assisting the OSC ERDC Coordinator and the OSC Chemistry Coordinator in assembling and briefing teams.
- 4.1.2.6 Distributing Potassium Iodide (KI) to OSC personnel upon direction of the OSC Manager.
- 4.1.2.7 Maintaining contamination control measures for the OSC. Including, if necessary, the establishment of a contamination control point for all access to the OSC.
- 4.1.2.8 Providing the OSC Manager with the current status of all radiological monitoring and surveying activities in progress, and immediately reporting any unexpected conditions identified.

4.1.3 OSC ERDC Coordinator

- 4.1.3.1 Assuming the duties of the OSC Manager when he is not present.
- 4.1.3.2 Identifying ERDC activities needed to be performed, their locations, and preferred routes to be taken.
- 4.1.3.3 Selecting, assigning, and briefing ERDC Teams.
- 4.1.3.4 Coordinating ERDC Team entry into the Radiation Controlled Area with Radiation Protection personnel.
- 4.1.3.5 Ensuring the accuracy and timeliness of data on the Team Tracking Board in the OSC.

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4.1.3.6 Conducting ERDC Team debriefings upon their return to the OSC.

4.1.3.7 Providing the OSC Manager with the current status of all ERDC activities in progress, and immediately reporting any unexpected conditions identified.

4.1.4 OSC Chemistry Coordinator

4.1.4.1 Selecting, assigning, and briefing Chemistry sampling teams when the need for sampling has been identified.



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- 4.1.4.2 Selecting the appropriate types and methods of sampling to obtain required data while minimizing personnel exposures.
- 4.1.4.3 Coordinating the use of Operations and Radiation Protection personnel with the Chemistry sampling teams.
- 4.1.4.3 Identifying the preferred routes to be taken by sampling teams and ensuring that sampling team personnel understand these routes.
- 4.1.4.4 Coordinating sampling team entry into the Radiation Controlled Area with Radiation Protection personnel.
- 4.1.4.5 Providing the OSC Manager with the current status of all sampling activities and immediately reporting any unexpected conditions identified.
- 4.1.4.6 Coordinating medical and spill response teams from the OSC.

4.1.5 OSC Team Communicator

- 4.1.5.1 Maintaining communications with teams dispatched from the OSC.
- 4.1.5.2 Maintaining the Team Tracking Board in the OSC.

4.1.6 ERDC Teams (Electrical, Mechanical, or I&C)

- 4.1.6.1 Obtaining an adequate briefing of required ERDC activities and pertinent precautions necessary before leaving the OSC.
- 4.1.6.2 Providing a full debriefing on ERDC activities upon return to the OSC. This includes the current status of all ERDC activities in progress and immediately reporting any unexpected conditions encountered.

4.1.7 Sequence of Events and Radiological Status Recorders

These personnel gather and update information for use within and between facilities.

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#### 4.1.8 Incident Scene Commander

4.1.8.1 To provide coordination of multiple responding agencies.

4.1.8.2 To relieve the Fire Birgade Leader of having to coordinate the arrival and utilization of off site Fire and EMS responders.

4.1.8.3 The Incident Scene Commander will report to the OSC Manager, when the ERO is activated.

#### 4.1.9 Incident Scene Communicator

4.1.9.1 To support the Incident Scene Commander.

4.1.9.2 To communicate scene conditions, injury status, resource requests and updates to the OSC Teams Communicator.

NOTE: The Incident Scene Commander and Communicator could be called upon, even if the ERO is not activated. In such a case, they would report to the Operations Shift Manager.

#### 4.2 Activation

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NOTE: EPP-309, "Onsite/In-Plant Radiological Surveys and Offsite Radiological Monitoring", requires the ability to dispatch onsite and inplant survey teams within 15 - 30 minutes of their arrival onsite. In addition, an offsite monitoring team must be able to be dispatched within 55-70 minutes of an ALERT or higher classification.

4.2.1 Personnel assigned to the OSC are notified at an ALERT or higher classification, and should activate the facility as soon as possible; with a goal of sixty (60) minutes after declaration. [C-05714,06257]

4.2.2 The following positions must be staffed to declare the facility activated:

- OSC Manager or OSC ERDC Coordinator
- Two (2) Radiation Protection Technicians
- Three (3) ERDC Group members (one each)  
Electrical, Mechanical, I&C

4.2.3 The initial OSC staff will be selected from both on-shift and augmentation personnel.

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4.2.3.1 Personnel selected to remain in the OSC Management Area should obtain their Position Assistance Document (PAD) and staff their position.

4.2.3.2 Extra personnel should report to the Emergency Response Organization (ERO) Staging Area when released by the OSC Manager.

4.3 Accountability

4.3.1 Initial and continuous accountability of personnel in the OSC shall be completed per EPP-314, "Evacuation and Accountability." [C-05750]

4.3.2 Accountability of Plant Equipment Operators who were on watch or dispatched by the Control Room is initially the responsibility of the Control Room.

4.3.3 If the OSC assumes control of Plant Equipment Operator dispatch and activities, their accountability becomes the responsibility of the OSC.

4.4 Communications

4.4.1 Communication Systems in the OSC are described in EPP-202, "Emergency Communications Systems and Equipment". [C-21743]

4.4.2 Telephone numbers for emergency communications are provided in the Emergency Facility Telephone Directory.

4.5 Contamination Control

4.5.1 If necessary, a contamination control point should be established to control access to the OSC.

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4.5.2 The OSC Radiation Protection Coordinator shall verify that drinking water and/or food supplies outside of the Control Room Ventilation System, but within a Radiologically Controlled Area, have been surveyed by a Radiation Protection Technician, prior to consumption. [C-06775]

4.6 Documentation

4.6.1 As directed by their PADs, OSC personnel should maintain an account of their activities on the Emergency Response Organization Activities Log Sheet.

4.6.2 Personnel should record name, date, and time on all documents.

4.6.3 All documents generated in an emergency should be compiled by the OSC Manager, and transmitted to the Emergency Planning Manager at the conclusion of the emergency.

4.7 Exposure Controls and Dosimetry

4.7.1 Guidelines for monitoring and documenting personnel exposures are contained in EPP-305, "Emergency Exposure Guidelines and Personnel Dosimetry."

4.7.2 All exposures in excess of Title 10, Code of Federal Regulations, Part 20; should be controlled IAW EPP-305, "Emergency Exposure Guidelines and Personnel Dosimetry."

4.8 Habitability

4.8.1 Habitability of the OSC shall be continuously monitored using an area radiation monitor and a portable continuous radioiodine monitor capable of detecting radioiodine in concentrations as low as 1.0E-07 uCi/cc. [C-05718]

4.9 Protective Measures

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4.9.1 Respiratory Protection - A sufficient number of respiratory protection devices are available onsite for ERDC personnel dispatched from the OSC.

4.9.2 Thyroid Blocking Agent (KI) - Issue of a thyroid blocking agent is controlled IAW EPP-306, "Use of Thyroid Blocking Agents".

4.10 Reentry and Recovery

4.10.1 Initial entries into previously evacuated areas are to be controlled IAW EPP-121, "Reentry, Recovery, and Closeout".

4.10.2 Operation of the OSC should continue until a recovery plan is drafted or the event is closed out IAW EPP-121, "Reentry, Recovery, and Closeout."

4.11 Relocation

4.11.1 The following conditions may require relocation of the OSC: [C-00379]

- hazardous radiation levels;
- power failure;
- earthquake or other natural phenomena; or
- any conditions which pose unacceptable risk to personnel

4.11.2 Personnel should relocate to another location as designated by the OSC Manager.

4.12 Team Dispatch

4.12.1 ERDC team dispatch from the OSC is to be controlled and documented IAW EPP-116,

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"Emergency Repair and Damage Control and Immediate Entries."

5.0 REFERENCES

5.1 Title 10, Code of Federal Regulations, Part 20, "Standards for Protection Against Radiation"

5.2 Comanche Peak Steam Electric Station (CPSES) Emergency Plan

5.3 Final Safety Analysis Report (FSAR)

5.4 EPP-116, "Emergency Repair and Damage Control and Immediate Entries"

5.5 EPP-121, "Reentry, Recovery, and Closeout"

5.6 EPP-202, "Emergency Communications Systems and Equipment"

5.7 EPP-305, "Emergency Exposure Guidelines and Personnel Dosimetry"

5.8 EPP-306, "Use of Thyroid Blocking Agents"

5.9 EPP-309, "Onsite/In-plant Radiological Surveys and Offsite Radiological Monitoring"

5.10 EPP-314, "Evacuation and Accountability"

6.0 ATTACHMENTS/FORMS

None