

COMANCHE PEAK NUCLEAR POWER PLANT

EMERGENCY PLAN MANUAL

**ACTIVATION AND OPERATION OF THE
EMERGENCY OPERATIONS FACILITY (EOF)**

PROCEDURE NO. EPP-206

REVISION NO. 15

EFFECTIVE DATE: 09/09/09

MAJOR REVISION

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EP MANAGER

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1.0 PURPOSE

- 1.1 This procedure provides guidance for the activation and operation of the Emergency Operations Facility (EOF).
- 1.2 This procedure also identifies responsibilities of key personnel assigned to the EOF.

2.0 APPLICABILITY

- 2.1 This procedure becomes effective upon declaration of a Site Area Emergency or General Emergency.
- 2.2 This procedure may become effective upon declaration of a Notification of Unusual Event or Alert if the decision is made to activate the EOF.
- 2.3 This procedure is applicable to EOF personnel.

3.0 DEFINITIONS

- 3.1 Activation - Condition where the EOF is staffed with minimum personnel and capable of performing the functions defined in the CPNPP Emergency Plan, Table 1.1.

4.0 INSTRUCTIONS





<p><u>NOTE:</u> Individual task lists, including specific steps to accomplish these tasks, are found in Position Assistance Document (PADs).</p>

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<p>4.1 <u>Responsibilities</u></p> <p>Responsibilities for Emergency Response Organization personnel in the Emergency Operations Facility (EOF) after facility activation are as follows:</p> <p>4.1.1 <u>EOF Manager</u></p> <p>The EOF Manager is responsible for facility activation and Command and Control of emergency response activities conducted in the EOF. The EOF Manager may assume the duties of Emergency Coordinator upon turnover of these duties from the TSC Manager.</p> <p>4.1.2 <u>EOF Communications Coordinator [C-05677]</u></p> <p>The EOF Communications Coordinator is responsible for coordinating communications activities in the EOF.</p> <p>4.1.3 <u>EOF Radiation Protection Coordinator [C-03255]</u></p> <p>The EOF Radiation Protection Coordinator (RPC) and staff are responsible for coordinating CPNPP offsite radiological monitoring efforts. The EOF RPC is also responsible for coordinating CPNPP offsite radiological assessment activities with those of local, state and federal agencies.</p> <p>4.1.4 <u>EOF Offsite Radiological Assessment Coordinator</u></p> <p>The EOF Offsite Radiological Assessment Coordinator, who reports to the EOF RPC, is responsible for coordinating the efforts of the offsite radiological assessment team in performing activities such as:</p> <ul style="list-style-type: none"> - offsite facility habitability, and - dose projections and assessment. 		

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<p>4.1.5 <u>Offsite Monitoring Team Director/Communicator</u></p> <p>The Offsite Monitoring Team Director/Communicator, who reports to the EOF RPC, is responsible for coordinating the efforts of the offsite radiological monitoring team(s) in performing activities such as:</p> <ul style="list-style-type: none"> - locating and tracking the offsite plume, - offsite monitoring team direction and control, and - communications between teams and the plant. <p>4.1.6 <u>EOF Logistical Support Coordinator [C-05914]</u></p> <p>The EOF Logistical Support Coordinator and staff coordinate requests from the ERO for administrative and logistical assistance. These requests include such items as meals, parts and supplies, transportation, and manpower issues (such as shift relief schedules).</p> <p>4.1.7 <u>EOF/TSC Liaison</u></p> <p>The EOF/TSC Liaison provides technical support (which includes classification input if required) to the EOF Management team and serves as a liaison between the EOF personnel and the TSC Engineering team.</p> <p>4.1.8 <u>EOF Security Coordinator [C-05750, 11326]</u></p> <p>The EOF Security Coordinator is responsible for coordinating onsite security force activities, including:</p> <ul style="list-style-type: none"> - establishing and maintaining site access controls, - assisting with site evacuation, and - performing personnel accountability. <p>4.1.9 <u>Emergency Planning (EP) Advisor</u></p> <p>EP Advisors assist the ERO with facility activation and provide expertise and information to ERO personnel concerning both utility and offsite supporting emergency facilities, communication capabilities, personnel and equipment resources, and procedural requirements.</p>		

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<p>4.1.10 <u>State and County EOC Advisors [C-06300]</u></p> <p>Station personnel assigned to augment and advise state/county emergency organizations. These personnel function as advisors and may act as liaison between the county officials and the CPNPP Emergency Response Organization.</p> <p>4.1.11 <u>Emergency Communicators</u></p> <p>Designated personnel assigned the function of providing an interface between the CPNPP emergency facilities, accident assessment teams, and State/Local/Federal authorities. The communicators use dedicated equipment to perform these functions.</p> <p>4.1.12 <u>Administrative and Clerical Support personnel</u></p> <p>Various administrative and clerical support personnel are used in the emergency response facilities for duties such maintaining logs, answering telephones, transmitting faxes, and distributing information.</p> <p>4.1.13 <u>Board Recorders</u></p> <p>Various personnel are assigned to post and update status boards within the Emergency Response Facilities. These personnel use dedicated boards and communications equipment to facilitate the sharing of information between facilities.</p>		

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<p>4.2 <u>Accident Assessment</u></p> <p>4.2.1 Activities of radiological surveillance teams are described in EPP-309, “Onsite/In-Plant Radiological Surveys and Offsite Radiological Monitoring.”</p> <p>4.2.2 Guidelines for dose projections are provided in EPP-303, “Operation of Computer Based, Emergency Dose Assessment System” and the Position Assistance Documents (PADs).</p> <p>4.2.3 Plant Process Computer terminals in the EOF may be used to acquire and trend operational, radiological, and meteorological data.</p> <p>4.3 <u>Activation</u></p> <p>4.3.1 All personnel assigned to the EOF are notified to report to their facility at an ALERT or higher emergency classification. The EOF shall be activated as soon as possible but within the goal of sixty (60) minutes following declaration of a Site Area Emergency or General Emergency [C00380; 06257].</p> <p>4.3.2 The following EOF positions should be present to declare the facility activated:</p> <ul style="list-style-type: none"> ✍ Manager ✍ Radiation Protection Coordinator (or EOF OFFRAC) ✍ Communications Coordinator (or EOF Communicator) ✍ Logistical Support Coordinator ✍ Security Coordinator <p>4.3.3 The initial staff should be selected from arriving personnel.</p> <p>4.3.4 Personnel selected should log in on the EOF Staffing Board.</p> <p>4.3.5 Personnel NOT selected for the initial shift should report to the Emergency Response Organization (ERO) Staging Area for further direction.</p>		

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<div style="margin-left: 40px;"> <p>4.4 <u>Administrative</u></p> <p>4.4.1 The EOF has ready access to plant records via Document Control. [C00388]</p> <p>4.4.2 EOF personnel should maintain an account of their activities on an “Emergency Organization Activities Log Sheet”, if directed by their Position Assistance Documents (PADs).</p> <p>4.4.3 Following the event, all documentation should be transmitted to the Emergency Planning Manager.</p> <p>4.5 <u>Communications</u></p> <p>4.5.1 Communications systems are described in EPP-202, “Emergency Communications Systems and Equipment”.</p> <p>4.5.2 Telephone numbers for emergency communications are given in the Emergency Facility Telephone Directory.</p> <p>4.5.3 The normal communication path between the EOF and the Control Room shall be through the TSC. [C00384].</p> <p>4.6 <u>Notifications</u></p> <p>4.6.1 Onsite and offsite notifications are described in EPP-203, “Notifications”.</p> <p>4.7 <u>Protective Measures [C-06784]</u></p> <p>4.7.1 The following conditions may warrant relocating EOF personnel to the Alternate EOF:</p> <ul style="list-style-type: none">  hazardous radiation levels  power failure  earthquake or other natural phenomena  Conditions which pose unacceptable risk to personnel safety </div>		

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<div style="margin-left: 40px;"> <p>4.7.2 Guidelines for developing protective action recommendations are found in EPP-304, "Protective Action Recommendations".</p> <p>4.7.3 Guidelines for Emergency Exposure Authorization and issue and retrieval of personnel dosimetry devices are provided in EPP-305, "Emergency Exposure Guidelines and Personnel Dosimetry."</p> <p>4.7.4 The issue and use of thyroid blocking agents are described in EPP-306, "Use of Thyroid Blocking Agents".</p> <p>4.8 <u>Radiological Controls</u></p> <p>4.8.1 To ensure that the EOF is and remains habitable for occupancy during a declared emergency, the following systems/equipment are in place:</p> <ul style="list-style-type: none"> ✍ permanent facility shielding; ✍ HVAC system whereas a realignment of ventilation flow paths can filter incoming air through High Efficiency Particulate Absorbers (HEPA) filters and provide a slight positive pressure; ✍ retractable gamma shield entrance door; and ✍ capability for continuous radiological monitoring of the facility. <p>[C-26440]</p> <p>4.8.2 EOF habitability is continuously monitored using:</p> <ul style="list-style-type: none"> ✍ airborne radioactivity monitor capable of detecting radioiodines as low as 1.0E-07 µCi/cc ✍ a portable gamma monitor set to alarm at a predetermined dose rate <p style="text-align: center;">OR</p> <p style="margin-left: 40px;">A personal electronic dosimeter set to alarm at a predetermined dose.</p> <p>[C-05718]</p> <p>4.8.3 The Nuclear Operations Support Facility (NOSF), if conditions warrant, is periodically monitored using a portable beta/gamma survey instrument to ensure habitability is maintained for the ERO Staging Area and Decontamination Facility.</p> </div>		

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<div data-bbox="272 352 1373 1493"> <p>4.8.4 If conditions indicate, a Contamination Control Point is established at the entrance to the EOF Decontamination facility.</p> <p>4.8.5 If decontamination of Emergency Response Organization (ERO) personnel is indicated, the decontamination facility, located in the Nuclear Operations Support Facility (NOSF) is activated. Liquid waste generated from facility sinks and showers, is diverted to a holding tank. [C-05721, 14719]</p> <p>4.8.6 Solid waste generated as a result of decontamination activities shall be processed in accordance with applicable Radiation Protection Instructions. [C-06776]</p> <p>4.8.7 Wall maps of the 10-Mile Emergency Planning Zone, used to identify location of dispatched radiological monitoring teams, are in the EOF. Field Monitoring Kits also contain similar maps. [C-08924]</p> <p>4.9 <u>Security</u></p> <p>4.9.1 Access to the EOF is controlled in accordance with SEC-610, "Security Response During Personnel and Operating Emergencies".</p> <p>4.10 <u>Recovery</u></p> <p>4.10.1 Closeout of an emergency is described in EPP-121, "Reentry, Recovery and Closeout."</p> <p>4.10.1 Upon closeout of an emergency or closeout of the Recovery Organization, the EOF should be immediately returned to a ready-to-respond <u>condition</u>.</p> </div>		

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<p>5.0 <u>REFERENCES</u></p> <p>5.1 CPNPP Emergency Plan</p> <p>5.2 STA-202, "Administrative Control of CPNPP Nuclear Engineering and Operations Procedures"</p> <p>5.3 SEC-610, "Security Response During Personnel and Operating Emergencies"</p> <p>5.4 EPP-121, "Reentry, Recovery, and Closeout"</p> <p>5.5 EPP-202, "Emergency Communications Systems and Equipment"</p> <p>5.6 EPP-203, "Notifications"</p> <p>5.7 EPP-303, "Operation of Computer Based, Emergency Dose Assessment System"</p> <p>5.8 EPP-304, "Protection Action Recommendations"</p> <p>5.9 EPP-305, "Emergency Exposure Guidelines and Personnel Dosimetry"</p> <p>5.10 EPP-306, "Use of Thyroid Blocking Agents"</p> <p>5.11 EPP-309, "Onsite/In-Plant Radiological Surveys and Offsite Radiological Monitoring"</p> <p>6.0 <u>ATTACHMENTS/FORMS</u></p> <p>6.1 <u>Attachments</u></p> <p>None</p> <p>6.2 <u>Forms</u></p> <p>None</p>		