

PACIFIC GAS AND ELECTRIC COMPANY  
DEPARTMENT OF NUCLEAR POWER GENERATION  
DIABLO CANYON POWER PLANT

NUMBER EP EF-9  
REVISION 0  
PAGE 1 OF 11  
UNITS

EMERGENCY PROCEDURE  
TITLE: ACTIVATION OF BACK-UP EMERGENCY RESPONSE FACILITIES

1 AND 2

APPROVED: R. C. Thibault 4-3-87  
PLANT MANAGER DATE EFFECTIVE DATE

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### SCOPE

This procedure describes the on-site back-up facilities that are available in the event it becomes necessary to evacuate, or its not possible to activate, an Emergency Response Facility (ERF). This procedure and changes thereto requires PSRC review.

### GENERAL

The ERF's covered by this procedure are:

1. Control Room, Units 1 and 2
2. Technical Support Center (TSC)
3. Operational Support Center (OSC)

Back-up facilities have been identified for each of the ERF's and the actions required for their use are described in this procedure. The functions and objectives for each of the ERF's remain the same for their assigned back-up facility.

### INITIATING CONDITIONS

This procedure is in effect upon reaching an Emergency Action Level (EAL) requiring the ERF's to be activated and an ERF cannot be activated or must be evacuated. The ERF may be uninhabitable due to smoke, fire, heat, toxic gas, radiation hazard, or other occurrences.

NOTE: Declaration of a Control Room uninhabitable in itself requires an EAL declaration based upon Appendix Z in OP AP-8.

### IMMEDIATE ACTIONS

Upon declaration of an ERF being uninhabitable the back-up facility will be activated in accordance with the appropriate attachment and emergency response will be continued from the back-up facility.

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TITLE: EMERGENCY PROCEDURE  
ACTIVATION OF BACK-UP EMERGENCY RESPONSE  
FACILITIES

SUPPORTING PROCEDURES

OP AP-8 "CONTROL ROOM INACCESSIBILITY"  
EP G-1 "ACCIDENT CLASSIFICATION & EMERGENCY PLAN ACTIVATION"  
EP G-2 "ESTABLISHMENT OF THE ONSITE EMERGENCY ORGANIZATION"  
EP G-3 "NOTIFICATION OF THE OFFSITE EMERGENCY ORGANIZATION"  
EP R-6 "RADIOLOGICAL FIRE"  
EP M-3 "CHLORINE RELEASE"  
EP M-6 "NONRADIOLOGICAL FIRE"  
EP EF-1 "ACTIVATION AND OPERATION OF THE TECHNICAL SUPPORT CENTER"  
EP EF-2 "ACTIVATION AND OPERATION OF THE OPERATIONAL SUPPORT  
CENTER"  
EP EF-3 "ACTIVATION AND OPERATION OF THE EMERGENCY OPERATIONS  
FACILITY"

ATTACHMENTS

1. Back-up Control Room Instruction
2. Back-up TSC Instruction
3. Back-up OSC Instruction

ATTACHMENT 1: BACKUP CONTROL ROOM INSTRUCTION

SCOPE

This instruction is to be used in conjunction with OP AP-8 when the Control Room is determined to be uninhabitable and the TSC is activated.

NOTE: An Alert should be declared upon evacuation of the Control Room based upon Appendix Z in OP AP-8.

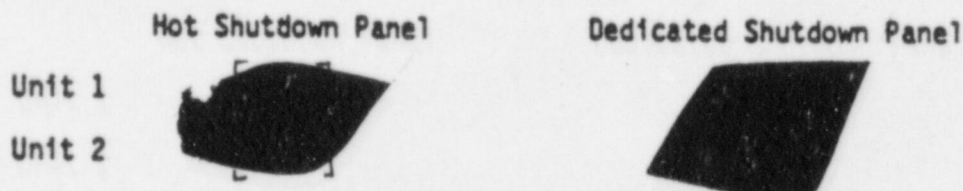
INITIATING CONDITIONS

The Control Room is declared uninhabitable and implements Operating Procedure AP-8. The TSC is activated due to an existing emergency condition.

IMMEDIATE ACTIONS

1. In accordance with OP AP-8 the designated operators man the affected unit's Hot Shutdown and/or Dedicated Shutdown Panels (locations shown in Figure 1).

Telephone Numbers

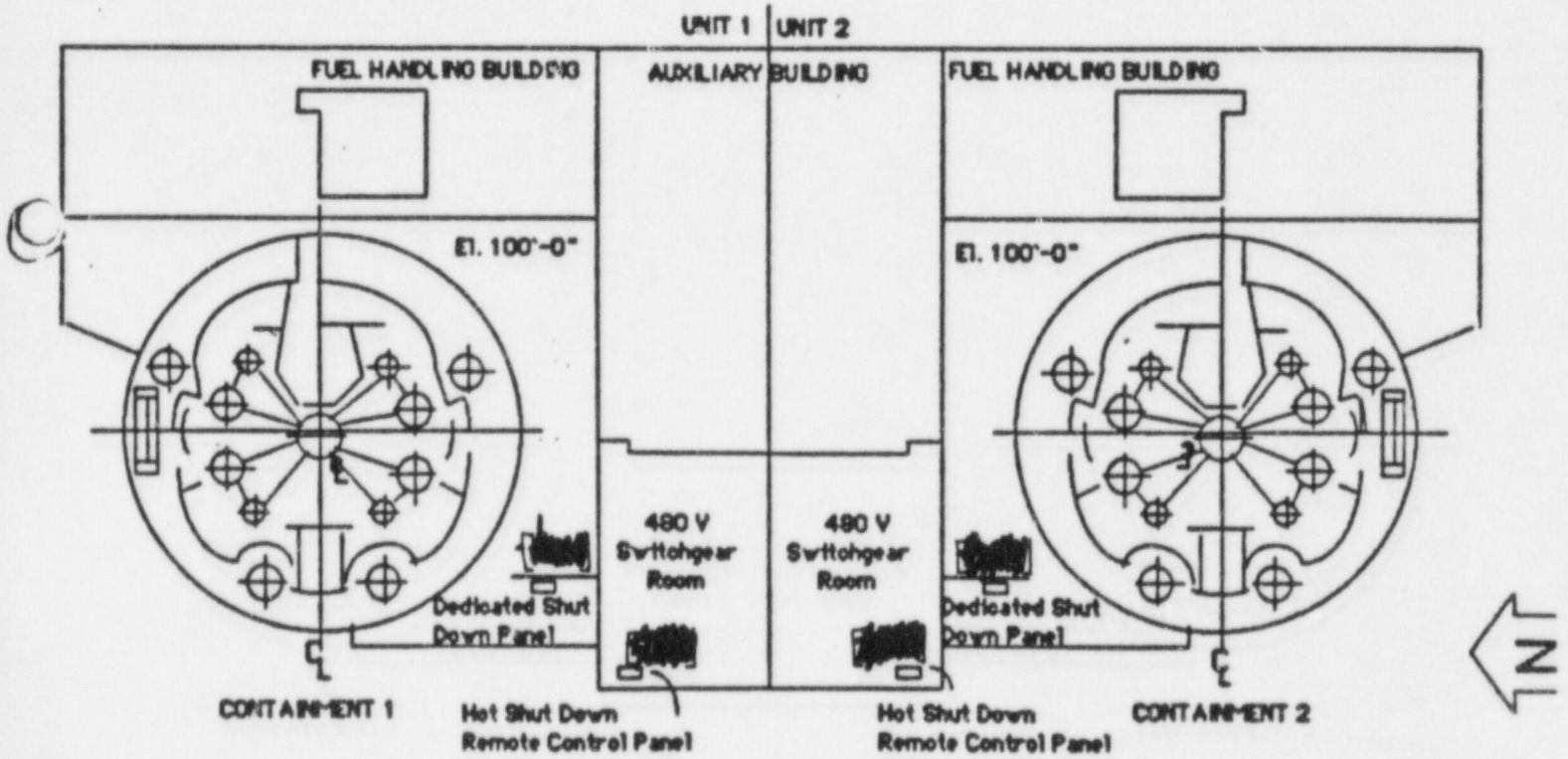


And establish communications with the TSC per OP AP-8, section A, step 3.

FIGURES

1. LOCATION OF SHUTDOWN PANELS

FIGURE 1  
LOCATION OF SHUTDOWN PANELS



ATTACHMENT 2: BACKUP TECHNICAL SUPPORT CENTER (TSC) INSTRUCTION

SCOPE

This instruction is to be used in conjunction with EP G-1, G-2, G-3 and EF-1 when it becomes necessary to activate the TSC but it has been declared uninhabitable.

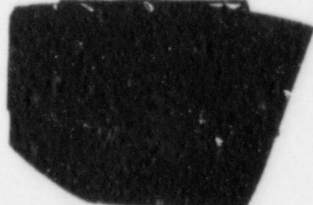
INITIATING CONDITIONS

An Alert or greater emergency condition is declared or in progress and the TSC becomes uninhabitable.


IMMEDIATE ACTIONS

1. The TSC minimum staff shall report to the Control Room and set-up the TSC Emergency Organization as shown in Figure 1, Back-up TSC.
2. The back-up TSC staffing requirements shall be determined at the discretion of the Site Emergency Coordinator but typical minimum assignments are:

Shift Foreman's Office

<u>Position</u>	<u>Desk</u>	<u>Phone Number</u>
Site Emergency Coordinator	Shift Foreman's	
Emergency Evaluation & Rec. Coord.	STA's	
Emergency Liaison Coordinator	Control Room Asst.'s	
Emergency Liaison Assistant		
Emergency Operations Advisor	PIMS Terminal	
Clerk	Control Room Asst.'s	

Control Room

<u>Position</u>	<u>Location</u>	<u>Phone Number</u>
Emergency Radiological Advisor	EARS Terminal	
EARS Operator	EARS Terminal	
Emergency Liaison Coord. Asst.	Unit 1 Radio	
Rad. Data Processors	Unit 2 P250 Room	
Security Liaison	CAS	
Maintenance Liaisons	Unit 1 P250 Room	
NRC	(Monitor Activities using telephone on west wall of the Control Room)	

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3. If the EOF is activated and the Recovery Manager has assumed control of the emergency then the Site Emergency Coordinator (SEC) should inform the Recovery Manager and, if time permits, obtain permission to relocate.
4. If in-plant hazards (radiological or otherwise) exist on any of the potential evacuation routes, personnel should be advised of the safest route. Personnel in the TSC that are not immediately required in the back-up TSC shall report to the Security Building Lunchroom.
5. If the TSC EARS terminal is the controlling terminal then, if time permits, prior to evacuating the TSC, the EARS operator shall transfer control to the Control Room terminal.
6. The predetermined backup TSC staff shall report to the Control Room via the evacuation route announced by the SEC and re-establish the TSC per Figure 1.

#### SUBSEQUENT ACTIONS

1. Once the backup staff has re-established the TSC and have established contact with the OSC and EOF, the SEC will declare the backup TSC operational and have it resume its functions.

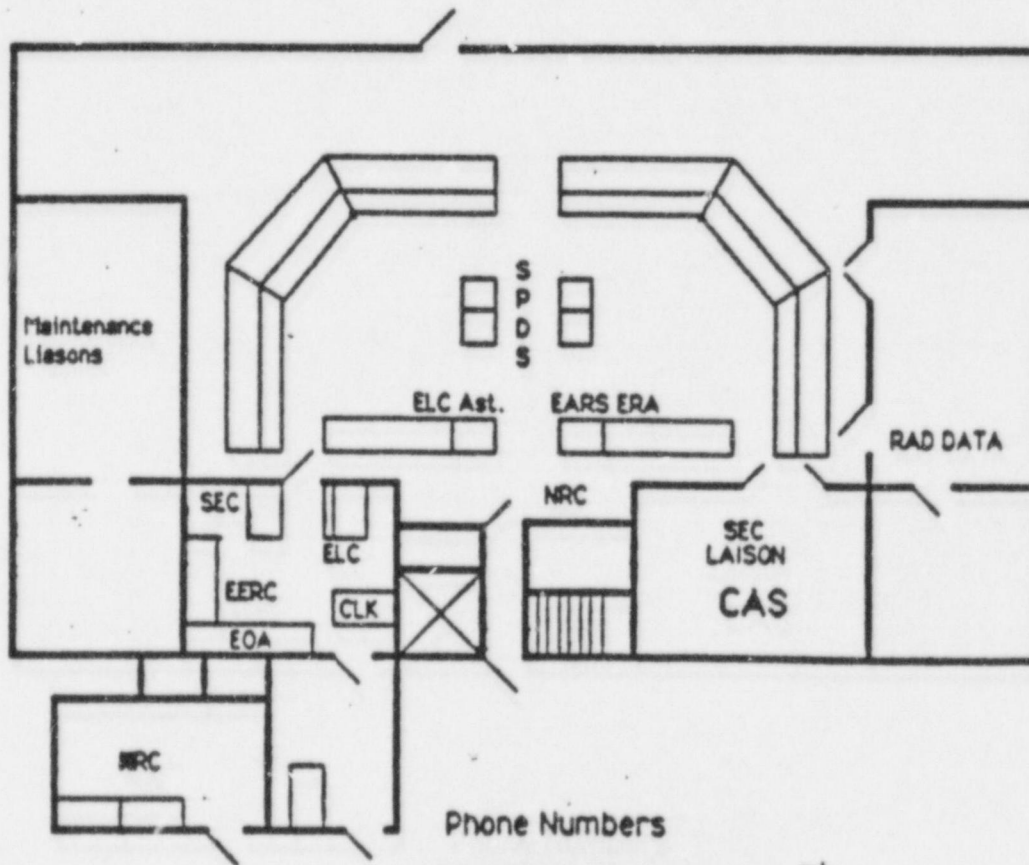
#### FIGURES

1. BACKUP TSC LAYOUT AND POSITION LOCATIONS

FIGURE 1

BACKUP TSC LAYOUT AND POSITION LOCATIONS

# Typical Backup TSC (Control Room)



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**ATTACHMENT 3: BACKUP OPERATIONAL SUPPORT CENTER (OSC) INSTRUCTION**SCOPE

This instruction is to be used in conjunction with EP 6-1 and EF-2 when it becomes necessary to activate the OSC but it has been declared uninhabitable.

GENERAL

The OSC occupies two closely adjoining facilities, Access Control and the Cold Machine Shop. One section or both sections could be declared uninhabitable. Both sections probably would be affected by a radiological hazard while a fire or toxic gas may affect only one. The decision to declare one or both sections uninhabitable is the responsibility of the Site Emergency Coordinator (SEC) after receiving advice from the Maintenance Coordinator, and Emergency Radiological Advisor (ERA).

INITIATING CONDITIONS

An Alert or greater emergency condition is declared or in progress and a part or all of the OSC is declared uninhabitable by the SEC.

NOTE: If Access Control is declared uninhabitable, the SEC shall inform the Emergency Operations Coordinator who shall ensure Auxiliary Operators are informed of the new Access Control arrangement for plant access.

IMMEDIATE ACTIONS

1. If only Access Control is declared uninhabitable then the OSC Access Control personnel, and assembled repair teams shall reassemble in the Cold Machine Shop as shown in Figure 1.

Typical telephone usage will be:

<u>POSITION</u>	<u>PHONE</u>
OSC SUPERVISOR	
SITE RADIATION PROTECTION COORD	
SITE CHEMISTRY COORDINATOR	
ACCESS SENIOR	

PHONE





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2. If only the Cold Machine Shop is declared uninhabitable then the Emergency Maintenance Coordinator and his staff shall relocate in the Chemistry and Radiation Protection Foreman's office in Access Control. The rest of the personnel assembled in the Cold Machine Shop shall reassemble in the hallways in Access Control. The Emergency Maintenance Coordinator shall use extension [REDACTED] to reestablish communications with the TSC.
  3. If both Access Control and the Cold Machine Shop are declared uninhabitable then the Emergency Maintenance Coordinator will have OSC personnel evacuate to the TSC where the TSC staff shall determine the alternate arrangements for the existing plant conditions. Typically the TSC will be used as the OSC Coordination point. If habitability permits, the Administration Building or Security Building Lunchroom is preferred for assembly of back-up maintenance personnel. Chemistry and Radiation Protection personnel preferably will assemble in the TSC lab area, with overflow assembly in the same location as the maintenance personnel.
    - A. Alternate radiological access control point(s) must be established for operator, emergency repair and radiological assessment activities. If possible, one access point for all personnel is preferred, but more than one may be used. Alternate access control points, depending on conditions, may be:
      1. West stairwell from the Control Room to the Auxiliary Building. If the 115' level is used, maintenance and assessment teams may access from the TSC through this location. Access would traverse the original Access Control area.
      2. Turbine Building exit near the unaffected containment access on the 140' level.
      3. Exits from the TSC and Control Room to the plant.
    - B. Contamination Control Points shall be set up as needed in the Control Room, TSC and the TSC lab to prevent the spread of contamination.
    - C. The Emergency Maintenance Coordinator and his staff will work from the TSC office area. His extension is [REDACTED]

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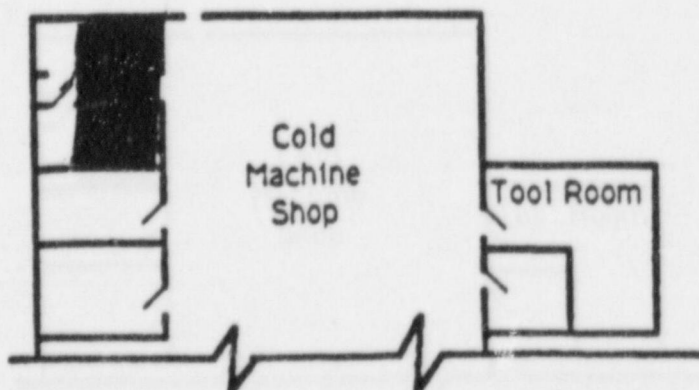
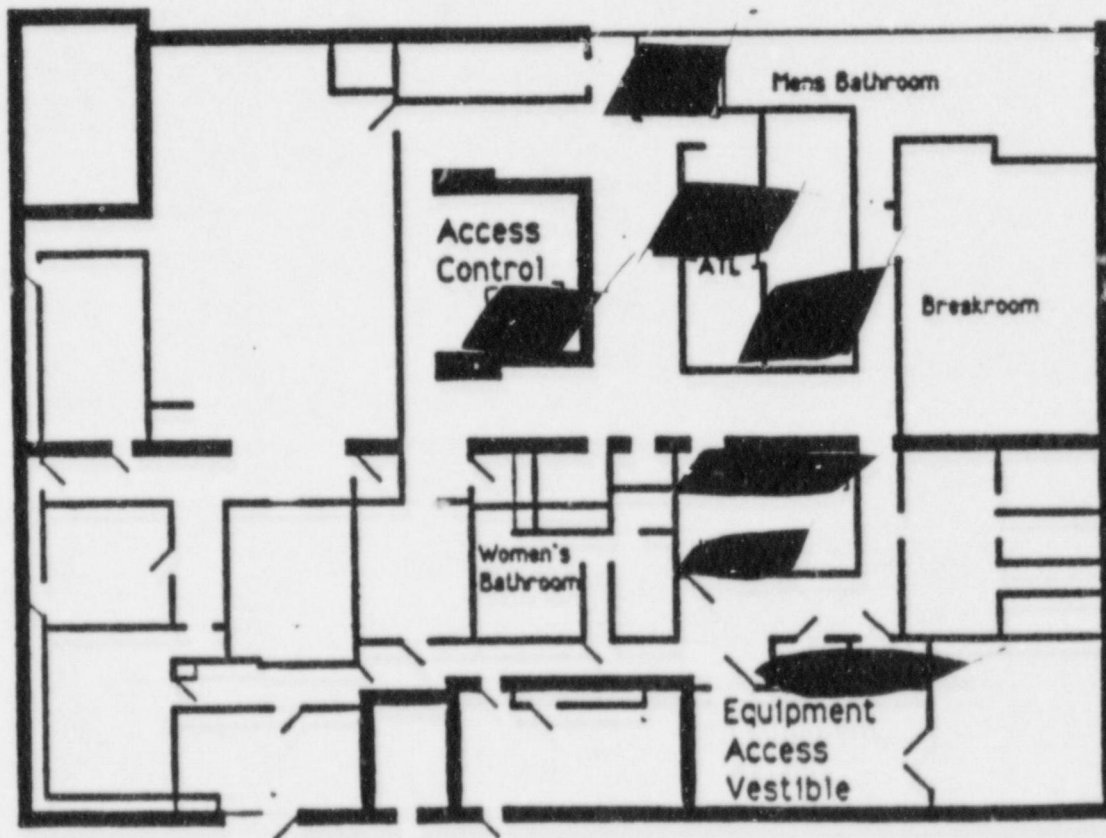
- D. The OSC Supervisor will work from the new radiological access control point for maintenance personnel.
  - E. The Site Radiation Protection Coordinator and Site Chemistry Coordinator will work from the TSC Lab at Extension [REDACTED]
4. Issuance of special work permits and dosimetry for radiological access will be through the TSC Laboratory.

FIGURES

- 1. OSC Layout and Telephone Numbers.

FIGURE 1  
OSC LAYOUT AND TELEPHONE NUMBER

# OSC Layout



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UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D. C. 20555

May 8, 1987

50-275/323 Diablo Canyon

MEMORANDUM FOR: Chief, Document Management Branch, TIDC  
FROM: Director, Division of Rules and Records, ADM  
SUBJECT: REVIEW OF UTILITY EMERGENCY PLAN DOCUMENTATION

The Division of Rules and Records has reviewed the attached document and has determined that it may now be made publicly available.

*Donnie H. Grimsley*

Donnie H. Grimsley, Director  
Division of Rules and Records  
Office of Administration

Attachment: As stated