



**Pacific Gas and
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PG&E Letter DCL-02-013

U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, DC 20555-0001

Docket No. 50-275, OL-DPR-80
Docket No. 50-323, OL-DPR-82
Diablo Canyon Units 1 and 2
Emergency Plan Implementing Procedure Update

Dear Commissioners and Staff:

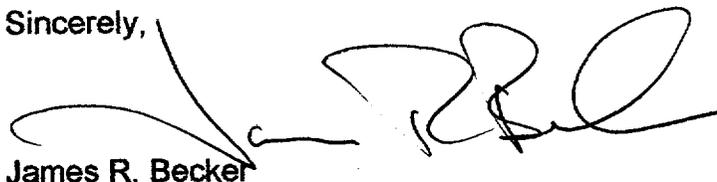
In accordance with Section V, "Implementing Procedures," of 10 CFR 50, Appendix E, enclosed is an update to the emergency plan (EP) implementing procedures for Diablo Canyon Power Plant, Units 1 and 2.

As provided under 10 CFR 50.54(q), the changes have been made without prior NRC approval since they do not decrease the effectiveness of the EP. The EP, as changed, continues to meet the standards of 10 CFR 50.47(b) and 10 CFR 50, Appendix E.

This update contains privacy/proprietary information that has been bracketed in accordance with NRC Generic Letter 81-27.

If there are any questions regarding this update, please contact Mr. Mark Lemke of my staff at (805) 545-4787.

Sincerely,



James R. Becker

2 8 1

DDM/1345
Enclosures

cc: David L. Proulx
Girija S. Shukla
cc/enc: Ellis W. Merschoff (2)

A member of the STARS (Strategic Teaming and Resource Sharing) Alliance
Callaway • Comanche Peak • Diablo Canyon • Palo Verde • South Texas Project • Wolf Creek

A045

**LOCATION OF PRIVACY/PROPRIETARY INFORMATION IN
EMERGENCY PLAN IMPLEMENTING PROCEDURES
FOR DIABLO CANYON POWER PLANT, UNITS 1 AND 2**

Procedure Number	Privacy/ Proprietary Information	Title/Location of Privacy/Proprietary Information
EP G-5 Revision 9A	Yes	Evacuation of Nonessential Site Personnel Page 1 of Attachment 7.3
EP RB-14 Revision 6 OTSC	No	Core Damage Assessment Procedure

DIABLO CANYON POWER PLANT EMERGENCY PLAN IMPLEMENTING PROCEDURES

Table of Contents - Emergency Plan Implementing Procedures
Volume 1A (OM10.ID3 only), Volume 1B (OM10.DC1 only), and Volume 3B

Proc. No.	Rev.	Title
OM10.ID3	6	Emergency Plan Training
OM10.DC1	2	Emergency Preparedness Drills and Exercises
EP G-1	30	Emergency Classification and Emergency Plan Activation
EP G-2	24	Activation and Operation of the Interim Site Emergency Organization (Control Room)
EP G-3	36	Notification of Off-Site Agencies and Emergency Response Organization Personnel
EP G-4	17	Personnel Assembly, Accountability and Site Access Control During Emergencies
EP G-5*	9A	Evacuation of Nonessential Site Personnel
EP R-2	19C	Release of Airborne Radioactive Materials Initial Assessment
EP R-3	8C	Release of Radioactive Liquids
EP R-7	13	Off-Site Transportation Accidents
EP OR-3	6A	Emergency Recovery
EP RB-1	5B	Personnel Dosimetry
EP RB-2	4B	Emergency Exposure Guides
EP RB-3	4	Stable Iodine Thyroid Blocking
EP RB-4	4A	Access to and Establishment of Controlled Areas Under Emergency Conditions
EP RB-5	4C	Personnel Decontamination
EP RB-8	14	Instructions for Field Monitoring Teams
EP RB-9	11	Calculation of Release Rate
EP RB-10	7	Protective Action Recommendations
EP RB-11	12	Emergency Offsite Dose Calculations
EP RB-12	6	Plant Vent Iodine and Particulate Sampling During Accident Conditions
EP RB-14*	6	*OTSC* Core Damage Assessment Procedure
EP RB-15	10	*OTSC* Post Accident Sampling System
EP EF-1	27	Activation and Operation of the Technical Support Center
EP EF-2	25	Activation and Operation of the Operational Support Center
EP EF-3	20	Activation and Operation of the Emergency Operations Facility
EP EF-4	13A	Activation of the Mobile Environmental Monitoring Laboratory
EP EF-9	8	Backup Emergency Response Facilities
EP EF-10	4	Joint Media Center Activation and Operation

* Procedure included in this submittal

On-The-Spot Change

1. PROCEDURE NO: EP RB-14	2. CURRENT REV: 6	3. UNIT: <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input checked="" type="checkbox"/> 1&2	
4. <input checked="" type="checkbox"/> Permanent <input type="checkbox"/> Temporary - Expiration Date/Event/Task:			
5. REASON FOR/DESCRIPTION OF CHANGE: (Reference AR, QE, etc. Attach additional pages if necessary; e.g., page 1A) To clarify that the dose rate at the equipment hatch is to be obtained outside the equipment hatch concrete shield to conform to the assumptions in the calculations used to derive the correlation between core damage and measured dose rates. Allow use of any meter type to obtain dose rates. (AR A 0545764)			
6. PROCEDURE PAGES AFFECTED: 2		7. ATTACHMENTS AND PAGES OF ATTACHMENTS AFFECTED: none	
8. Mark-up a clean copy of affected pages in a manner that ensures users can read and understand the changes. <ul style="list-style-type: none"> • Include previous OTSCs on affected pages. Leave previous OTSCs (including dates) as is unless the content is being changed by new OTSC. Highlighting techniques (e.g., hand drawn "balloon") should be used to clearly identify change. • Include revision bars, the notation "OTSC," and today's date in the right margin next to the change. • If additional pages are inserted, use the page# from the procedure followed by an alpha suffix (e.g., page 3A). 			
9. Complete the LBIE screen on page 2.			
10. <input type="checkbox"/> Y <input checked="" type="checkbox"/> N - Does OTSC significantly impact other organizations? If "Y," complete/attach Cross Discipline Review Form. <input type="checkbox"/> Y <input checked="" type="checkbox"/> N - Does OTSC impact Surveillance Program; e.g., changes to test frequency/scope, Tech Specs/ECGs, and surveillance responsibilities. If "Y," obtain review/signature of Surveillance Coordinator: _____ <input type="checkbox"/> Y <input checked="" type="checkbox"/> N - Administrative Procedure OTSC? If "Y," obtain Procedure Services review/signature: _____ <input type="checkbox"/> Y <input checked="" type="checkbox"/> N - Change Notice Attached? (Required if admin procedure change and specific training is not performed.)			
11. <input type="checkbox"/> Y <input checked="" type="checkbox"/> N - Does OTSC conflict with DCM section 4 (Design Basis) or 5 (Surv/Maint Requirements)? If "Y," contact responsible engineer for resolution. OTSC cannot be made until the conflict is resolved.			
12. This OTSC is a "change of intent" if either of the following questions is answered "YES:" <input type="checkbox"/> Y <input checked="" type="checkbox"/> N - Does OTSC change the essential purpose, major activities, equipment, Operating Mode(s), performance frequency, or range of operation, which define the limits of the procedure's intended use? <input type="checkbox"/> Y <input checked="" type="checkbox"/> N - Does OTSC reduce quality verification requirements; e.g., hold points, independent verifications?			
13a. <input checked="" type="checkbox"/> NONCHANGE-OF-INTENT ONLY: <ul style="list-style-type: none"> • Obtain an Independent Technical Review. • Obtain SRO review if required by block 17 criteria – otherwise check SRO block 20 N/A. • OTSC may now be implemented – immediately hand carry to drop box outside Control Rm or Procedure Svcs. 		13b. <input type="checkbox"/> CHANGE-OF-INTENT OR NONCHANGE-OF-INTENT: <ul style="list-style-type: none"> • Obtain an Independent Technical Review. • Check SRO block 20 N/A. • Obtain block 21 final management reviews/approval(s). • OTSC may now be implemented – immediately hand carry to drop box outside Control Rm or Procedure Svcs. 	
14. SIGNATURE – SPONSOR (Quals: TLBIE & TPROC) <i>[Signature]</i>		DATE: 1-4-02	PRINT LAST NAME: FARRER
		PHONE: 4438	
ITR	15. Review this change and the results of the LBIE screen on page 2 for technical accuracy.		
	16. SIGNATURE – ITR (Quals: TLBIE, & PRITR or ends w/PR") <i>[Signature]</i>	DATE: 1-9-2	PRINT LAST NAME: WILSON
		PHONE: 4748	
SRO	17. SRO review required if procedure is (a) an Operations section working level procedure, (b) a Surveillance Test, (c) an E-Plan Implementing procedure, or (d) a change that affects equipment/system OPERABILITY/availability.		
	18. Ensure change does not adversely impact the operating license nor the operating status of plant equipment.		
	19. If the approving SRO is not the affected unit SFM, then SRO notify the affected unit SFM if appropriate.		
20. SIGNATURE – SENIOR REACTOR OPERATOR <input type="checkbox"/> N/A <i>[Signature]</i>		DATE: 1-9-2	PRINT LAST NAME: WILSON
21. FINAL MANAGEMENT REVIEW/APPROVAL(S) - Refer to EDMS properties to determine final reviews and approvals. <input type="checkbox"/> Y <input type="checkbox"/> N – PSRC review required (see note 1)? PSRC MTG#: _____ <input type="checkbox"/> APPROVED <input type="checkbox"/> REJECTED BY: _____ DATE: _____ REMARKS: _____ VP, DCO: _____ <input type="checkbox"/> N/A VP, NUCLEAR SVCS: _____ <input type="checkbox"/> N/A			

Note 1: PSRC also reviews changes to AD7.DC8 Tool Pouch List and heavy load handling methods/routes in exclusion areas.

Procedure Control Use Only	Received:	OTSC Flag Set: <i>LT</i>	Immediate Dist: <i>RT</i>	Secondary Dist: <i>RT</i>	CN Sent: <i>NA</i>
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LICENSING BASIS IMPACT EVALUATION SCREEN

Perform the following LBIE screen IAW TS3.ID2. Unless it is clearly obvious, document in the remarks below the basis for your responses. As appropriate, document any references used to support your conclusion.

Does the proposed activity/CTE:

9A1: Involve a change to the Facility Operating License (OL) , including Tech Specs, Environmental Protection Plan, and Antitrust Conditions? If "Y," contact the regulatory organization as NRC approval is required.	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N
9A2: Impact a commitment contained in the Procedure Commitment Database? If "YES," process the commitment change in accordance with XI4.ID2 before implementing this change.	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N
9A3: Involve a change to the Fire Protection Program as described in UFSAR Section 9.5? If "Y," perform/attach applicable LBIE.	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N
9A4: Involve a change to the Quality Assurance Program (QAP) as described in UFSAR Chapter 17? If "Y," process QAP change IAW XI3.ID2, and submit procedure change to NQAL for review. If the change to the QAP reduces program commitments, contact the regulatory organization as NRC approval is required.	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N
9A5: Impact other plant specific programs (e.g., the ODCM) which are controlled by regulations, the Operating License, or Tech Specs? If "Y," process in accordance with the procedure(s) for the appropriate activity.	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N

Answer questions 9B1-3 based on the appropriate TS3.ID2 pre-screen. If a pre-screen requires an in-depth plan review, then obtain a review by the organization that sponsors the plan, and obtain their signature on a Cross Discipline Review form. For any questions answered "Y," perform and attach the applicable LBIE.

Does the proposed activity/CTE:

9B1: Result in noncompliance with the Environmental Protection Plan or create a situation that may be adverse to the environment?	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N
9B2: Result in a change to the Emergency Plan ?	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N
9B3: Result in a change to a security plan (PSP, SCP, STQP) ?	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N

9C: Are LBIE screen credited actions or compensatory measures implemented in documents such as approved procedures, ARs, work documents (e.g., work order, jumper), or drawings?	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N/A
------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------

Does the proposed activity/CTE:

9D1: Require a safety assessment ? If "Y," perform/attach TS3.ID2 safety assessment.	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N
9D2: Involve maintenance on equipment that is appropriately isolated from the facility and which restores the equipment to its approved design condition? If "Y," check the following 10 CFR 50.59 screen N/A.	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N

If any of the following 10 CFR 50.59 questions are answered "Y," perform/attach a TS3.ID2 10 CFR 50.59 Evaluation.

Does the proposed activity/CTE: 50.59 Screen N/A

9E1: Involve a change to an SSC that adversely affects an UFSAR described design function?	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N
9E2: Involve a change to a procedure that adversely affects how UFSAR described SSC design functions are performed or controlled?	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N
9E3: Involve revising or replacing an UFSAR described evaluation methodology that is used in establishing the design bases or used in the safety analysis?	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N
9E4: Involve a test or experiment not described in the UFSAR , where an SSC is utilized or controlled in a manner that is outside the reference bounds of the design for that SSC or is inconsistent with analyses or description in the UFSAR?	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N
9E5: Rely on a vendor 10 CFR 50.59 evaluation which has not been PSRC reviewed?	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N

Remarks:

TITLE: Core Damage Assessment Procedure

4. PRELIMINARY ASSESSMENT (FORM 69-10422)

4.1 GENERAL INFORMATION

Record the information requested.

4.2 INADEQUATE CORE COOLING

4.2.1 Indication of Conditions - Check the appropriate response to the questions.

4.2.2 Evaluation of Conditions - The more boxes checked the greater potential for inadequate core cooling. Proceed to Step 4.3 and continue monitoring the situation.

4.3 CONTAINMENT RADIATION LEVELS

If loss of Reactor Coolant is not occurring skip this and the next section and proceed to Step 5, LONG TERM ASSESSMENT.

4.3.1 Containment Area Radiation Monitors Operable

- a. Record containment area radiation monitor readings, R/hr, in the spaces labeled RE-30 READING and RE-31 READING.
- b. Multiply the RE-30 and RE-31 monitor readings. Record the results (R/Hr)² in the space labeled READINGS PRODUCT.
- c. Take the square root of the READINGS PRODUCT and record the result (R/Hr) in the space labeled AVERAGE READING. If only one monitor is operable, use that monitor's reading as the AVERAGE READING.

4.3.2 Containment Area Radiation Monitors Inoperable

- a. Obtain exposure rate, R/hr, outside the equipment hatch or personnel hatch (outside airlock). Use a portable ionization chamber.
- b. Record the exposure rate into the space labeled EQUIPMENT or PERSONNEL HATCH READING.

concrete shield

20-4-1
075C
0510

4.3.3 Percent Clad and/or Core Failure Estimate

Containment Area Radiation Monitors Operable

- a. Obtain the 100% Gap and Core Release exposure rates, R/hr, from Figures 2 and 3. Record these values into the spaces labeled 100% GAP RELEASE AND 100% CORE RELEASE. Use Step 4.1.2 time after reactor shutdown.
- b. To determine the percent clad failure multiply the AVERAGE READING by 100 and divide the result by the 100% GAP RELEASE. Record the result (%) in the space labeled PERCENT CLAD FAILURE.
- c. To determine the percent core failure multiply the AVERAGE READING by 100 and divide the result by the 100% CORE RELEASE. Record the result (%) in the space labeled PERCENT CORE FAILURE.

dose rate instrument
capable of measuring
radiation fields up to
and including
1000R/hr.

***** ISSUED FOR USE BY:** _____ **DATE:** _____ **EXPIRES:** _____ *******
PACIFIC GAS AND ELECTRIC COMPANY **NUMBER** EP G-5
NUCLEAR POWER GENERATION **REVISION** 9A
DIABLO CANYON POWER PLANT **PAGE** 1 OF 3
EMERGENCY PLAN IMPLEMENTING PROCEDURE **UNITS**

TITLE: Evacuation of Nonessential Site Personnel

1 AND 2

1-25-02
EFFECTIVE DATE

PROCEDURE CLASSIFICATION: QUALITY RELATED

TABLE OF CONTENTS

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1. SCOPE

1.1 This procedure provides guidance for site evacuation or early dismissal of onsite personnel not engaged in emergency operations.

2. DISCUSSION

2.1 Evacuation of nonessential personnel may be required or desirable to minimize radiological exposure in an emergency involving radiological release(s).

2.2 The Site Emergency Coordinator decides whether to evacuate any, or all, site personnel.

2.3 Personnel do not evacuate an Assembly Area unless instructed by the Designated Assembly Area Supervisor (DAAS) or Site Emergency Coordinator.

2.4 The DAAS should contact and receive permission from the Site Emergency Coordinator to move individuals from an Assembly Area to minimize risk or injury. If there is not time, the DAAS may move personnel to a new location without prior permission, but shall report the action to the Site Emergency Coordinator as soon as practical.

2.5 Early Dismissal

2.5.1 Releasing personnel from work early before emergency requirements necessitate a site evacuation and before exposure to significant amounts of contamination, radiation, or both.

TITLE: Evacuation of Nonessential Site Personnel

3. RESPONSIBILITIES

3.1 Site Emergency Coordinator:

- 3.1.1 Determines the need to relocate Assembly Areas.
- 3.1.2 Makes the decision to evacuate or dismiss early.
- 3.1.3 Chooses the evacuation route.
- 3.1.4 Chooses the offsite assembly area.
- 3.1.5 Appoints a Site Evacuation Coordinator.

3.2 Site Evacuation Coordinator:

- 3.2.1 Communicates with the Site Emergency Coordinator to:
 - a. Ascertain emergency conditions and the evacuation plan.
 - b. Provide information - number of personnel and vehicles to be evacuated.
 - c. Determine if pre-evacuation site accountability is necessary.
- 3.2.2 Informs assembled personnel of evacuation status and plans.
- 3.2.3 Provides onsite traffic control measures by:
 - a. Notifying Avila Gate of evacuation.
 - b. Sequencing personnel departures to avoid congestion.
 - c. Directing security force to direct traffic onsite, with County and State, offsite.
- 3.2.4 Coordinates with TSC Radiological Advisor (RA) to request Radiation Protection personnel to direct monitoring and/or decontamination at offsite evacuation assembly area.

3.3 The Liaison Advisor:

- 3.3.1 Notifies the Sheriff's Department or the Advisor to the County of the evacuation, specifying the evacuation route, the rendezvous point, the approximate number of cars and individuals being evacuated, pertinent radiological information, and other useful information.

3.4 The Evacuation Team Leader (Selected by the Site Evacuation Coordinator)

- 3.4.1 Assures communication and personnel accountability at the offsite assembly area.

4. INSTRUCTIONS

- 4.1 Site Emergency Coordinator shall follow the instructions in Attachment 7.2.

TITLE: Evacuation of Nonessential Site Personnel

- 4.2 Site Evacuation Coordinator shall:
- 4.2.1 Receive instructions from the Site Emergency Coordinator on the evacuation route and offsite assembly area location(s).
 - 4.2.2 Follow Attachment 7.3.
- 4.3 Radiological Monitoring Personnel - Off Site Assembly Areas shall:
- 4.3.1 Initiate a personnel and vehicular contamination survey program, record survey results on Attachments 7.4 and 7.5 and report survey summary to Site Emergency Coordinator.
 - 4.3.2 Assure contaminated personnel are taken to a decontamination center and decontaminated per EP RB-5, "Personnel Decontamination."
 - 4.3.3 Record the names and/or vehicle license numbers of any general public vehicles in the parking lot before evacuees arrival, if the Offsite Assembly Area is a public parking lot.

5. REFERENCES

- 5.1 EP G-2, "Activation and Operation of the Interim Site Emergency Organization (Control Room)."
- 5.2 EP G-4, "Personnel Assembly, Accountability and Site Access Control During Emergencies."
- 5.3 EP RB-5, "Personnel Decontamination."

6. RECORDS

- 6.1 Records generated by this procedure for an exercise or emergency shall be forwarded the next working day to the Emergency Planning Supervisor for review and retention. Records from:
 - 6.1.1 Forms completed for exercises shall be categorized as non permanent records and retained for a minimum of three years.
 - 6.1.2 Forms completed for an actual emergency shall be categorized as lifetime records and placed into storage per AD10.ID1, "Storage and Control of Quality Assurance Records."

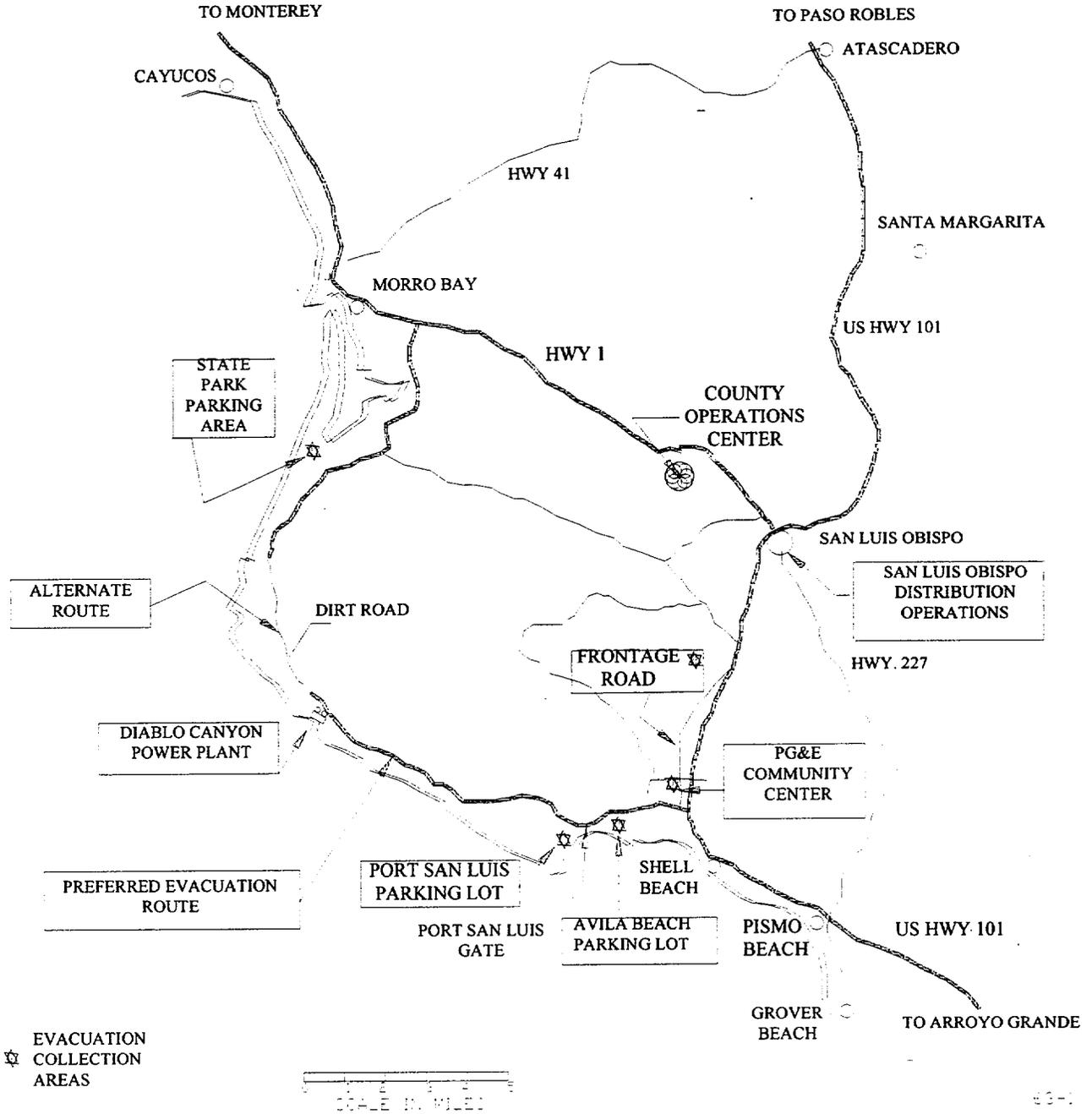
7. ATTACHMENTS

- 7.1 "Off-Site Assembly Area Locations," 08/03/00
- 7.2 "Site Emergency Coordinator Evacuation Checklist," 01/25/02
- 7.3 "Site Evacuation Coordinator Checklist," 08/03/00
- 7.4 Form 69-9310, "Post-Evacuation Vehicle Monitoring Data," 08/04/00
- 7.5 Form 69-9311, "Evacuee Monitoring Data," 08/04/00

DIABLO CANYON POWER PLANT
EP G-5
ATTACHMENT 7.1

1 AND 2

TITLE: Off-Site Assembly Area Locations



DIABLO CANYON POWER PLANT
EP G-5
ATTACHMENT 7.2

1 AND 2

TITLE: Site Emergency Coordinator Evacuation Checklist

The Site Emergency Coordinator shall complete the following checklist:

1. Determine the need for evacuation or early dismissal based on the following criteria.

Evacuation

Consider the following for evacuating personnel from the site:

- a. Offsite conditions such as weather conditions or damage due to seismic event which may endanger evacuated personnel.
- b. Consistency with the ALARA policy.
- c. Whether personnel are available and trained to conduct the evacuation and can be used without jeopardizing accident mitigation activities.
- d. Whether the emergency can be mitigated prior to reaching a projected dose of 50 mr TEDE. This decision is based on the following criteria.

TEDE Rate	Consider evacuation within
2-10 mr/hr	5 hrs
10-50 mr/hr	1 hr
50-100 mr/hr	immediately

- d. Personnel not immediately essential for the emergency should be evacuated at levels near the low end of each range to minimize doses.
- e. The dose expected during evacuation shall be weighted against that expected if the person is not evacuated. In some cases sheltering personnel may result in a lower dose than evacuation.
- f. Always evacuate for conditions at the Site Area or General Emergency level unless it will cause personnel to exceed the dose in "c" above and onsite sheltering will prevent exceeding the dose.

NOTE: The SLO County Emergency Organization should be notified prior to evacuation or early dismissal due to 1) traffic control problems; 2) possible impediments to evacuation; and 3) possible adverse public reaction to the mass traffic from the site.

Early Dismissal

Consider the following when dismissing personnel from the site early:

- a. An ALERT has been declared **and**
- b. No release greater than Technical Specifications has, or is occurring **and**
- c. Dismissal can be completed before such a release occurs.

Site Evacuation

Yes or No or NA _____

Date/Time _____

Site Emergency Coordinator Initials _____

Early Dismissal

Yes or No or NA _____

Date/Time _____

Site Emergency Coordinator Initials _____

EP G-5 (UNITS 1 AND 2)
ATTACHMENT 7.2

TITLE: Site Emergency Coordinator Evacuation Checklist

2. Determine the evacuation route using the following criteria:

The southern route (preferred) shall be used when:

- a. Calculated TEDE is less than 50 mr/hr of external exposure and inhalation **OR**
- b. The dose rate above is exceeded **BUT** the winds are calm, variable, or from the south **OR**
- c. When it is raining or the north road is known to be impassable -

The northern route (alternate) shall be used whenever the above conditions are not met or the south road is impassable. NOTE - Two locked and one normally unlocked gate must be entered. The lock combinations must be obtained from Site Emergency Coordinator or Security. If not, cut the chain on the plant boundary gate and resecure with a company lock. The lock combination should also be available from individuals at the bordering ranch. If not, cut the chain.

Southern	_____
Northern	_____
Date/Time	_____
Site Emergency Coordinator Initials	_____

3. Determine off site Assembly Areas

Southern Area

- a. PG&E Community Center - 60-70 car capacity. Corporation key required for gate. _____
- b. Frontage Road North of Community Center - Several hundred-car capacity. Decontamination may require moving vehicles into Community Center parking lot or the PSEA (Bassi House) clubhouse parking lot. _____
- c. Port San Luis Parking Lot - 250 car capacity. Parking lot is crowded on nice days and during the summer. _____
- d. Avila Beach Post Office Parking Lot - 250 car capacity. Crowded on summer days, but is empty most of the time. _____

Northern Area

- a. Montana de Oro State Park Ranger Station - 100-200 car capacity. _____

Date/Time	_____
Site Emergency Coordinator Initials	_____

EP G-5 (UNITS 1 AND 2)
ATTACHMENT 7.2

TITLE: Site Emergency Coordinator Evacuation Checklist

- 4. Notify, or have the Liaison Advisor, notify the SLO County Emergency Organization personnel and provide the following information.
 - a. Plant emergency status to help the county determine the need for protective actions.
 - b. Designated off site assembly area(s).
 - c. Intended evacuation route.
 - d. Assistance request for traffic control or parking lot clearing.
 - e. Approximate number of personnel and vehicles to be evacuated.

Date/Time	_____
Site Emergency Coordinator Initials	_____

5. Assign a Site Evacuation Coordinator

Name _____

Date/Time	_____
Site Emergency Coordinator Initials	_____

6. Inform the Site Evacuation Coordinator of:

- a. Evacuation Route
- b. Off site assembly area
- c. Anticipated vehicle and personnel monitoring and decontamination requirements.

Date/Time	_____
Site Emergency Coordinator Initials	_____

7. Authorize personnel to leave off site assembly areas after the Site Evacuation Coordinator reports that:

- a. The individuals and vehicles have been surveyed or a sufficient number of people in the group have been surveyed to determine contamination is not a factor.
- b. Self-reading dosimeter results have been recorded and the names of exposed individuals have been recorded.

Date/Time	_____
Site Emergency Coordinator Initials	_____

DIABLO CANYON POWER PLANT
EP G-5
ATTACHMENT 7.3

1 AND 2

TITLE: Site Evacuation Coordinator Checklist

The Site Evacuation Coordinator shall complete the following checklist.

1. Receive evacuation instructions from the Site Emergency Coordinator, including:
 - a. Evacuation route: _____
 - b. Offsite Assembly Area: _____
 - c. Anticipated vehicle and personnel monitoring, decontamination requirements.
 - d. Arrangements with offsite response agencies, and contact for traffic control.
 - e. Personnel to remain onsite.

Date/Time	_____	_____
Site Evac Co.	_____	_____

2. Contact the TSC Radiological Advisor and ensure:
 - a. Qualified monitoring personnel are dispatched, either from onsite or offsite, to the offsite assembly area(s).
 - b. At least one monitor per area with an emergency or evacuation kit (kits are located in the Training Building and SLO Sheriff's Department).
 - c. Qualified monitoring personnel are available to accompany each evacuation group to their assembly area.

NOTE: Operations personnel assembled in the Training Building may be assigned monitoring duties if not otherwise needed on site.

Date/Time	_____	_____
Site Evac Co.	_____	_____

3. Coordinate with the DAAS of the 500KV Switchyard (x3519) and the Security Building to move personnel to the Training Building. Personnel to remain onsite should generally be relocated to the Training Building or OSC.

Date/Time	_____	_____
Site Evac Co.	_____	_____

4. Appoint an Evacuation Leader for each major assembly area.
 - a. Training Building
 - b. Parking Lot 7

Date/Time	_____	_____
Site Evac Co.	_____	_____

EP G-5 (UNITS 1 AND 2)
ATTACHMENT 7 3

TITLE: Site Evacuation Coordinator Checklist

- 5. Each Evacuation Leader should be provided with:
 - a. Plant Frequency Portable Radio
 - b. A qualified monitor with a self reading dosimeter obtained from the Radiological Advisor. Either the evacuation leader or monitor needs a dosimeter to determine evacuation doses.
 - c. Evacuation route.
 - d. Offsite assembly area.
 - e. Onsite traffic pattern.
 - f. Sequence of evacuation which will generally be:
 - Warehouse area
 - Parking lots
 - Training Building

Date/Time	_____
Site Evac Co.	_____

- 6. Instructions for personnel evacuation:
 - a. Proceed in caravan fashion along the designated route to the offsite assembly area.
 - b. Personnel without transportation should obtain rides with a driver in their assembly area. Arrangements to get home can be made at the offsite assembly area.
 - c. Remain in the offsite assembly area until monitored and cleared for release.
 - d. At the offsite assembly area assure personnel are accounted for and monitored.
 - e. Notify the TSC Liaison Advisor of the evacuation leader assigned to each area.
 - f. Notify Avila Gate of the evacuation.
 - g. Notify Security to direct traffic onsite and coordinate with offsite traffic control to assure personnel stay on the proper evacuation route and the general public does not get involved unnecessarily.
 - h. Dispatch a vehicle to clear the south access road of personal working along the road or farm workers. If conditions warrant, a qualified monitor should be assigned to this vehicle to monitor these personnel and their vehicles. This vehicle should proceed to the offsite assembly area for traffic control.
 - i. Dispatch a vehicle to notify personnel and visitors along the north access road. Their assembly area is Montana de Oro. If conditions warrant, a qualified monitor should be assigned to this vehicle to monitor personnel and their vehicles.
 - j. Start the evacuation after receiving Site Emergency Coordinator permission.
 - k. Notify offsite traffic control when evacuation begins.

Date/Time	_____
Site Evac Co.	_____

EP G-5 (UNITS 1 AND 2)
ATTACHMENT 7.3

TITLE: Site Evacuation Coordinator Checklist

7. At the Offsite Assembly Area have the monitors begin a program of surveying personnel and vehicles for contamination. Record results on Attachments 7.4 and 7.5. Inform the Site Emergency Coordinator of the results. If public parking lots are used as assembly areas and lots cannot be completely cleared prior to evacuees arriving, the owners and/or vehicle license numbers of cars still in the lot should be recorded and the vehicles surveyed before being allowed to leave. County law enforcement officials will assist in detaining vehicles.

Date/Time _____
Site Evac Co. _____

8. As a minimum, obtain the names and addresses of any evacuees suspected of having received doses in excess of 100 mrem TEDE and those requiring decontamination.

Date/Time _____
Site Evac Co. _____

9. Allow personnel to leave the offsite assembly area ONLY after:
a. They and their vehicle have been surveyed or a sufficient number of persons in that area have been surveyed to determine contamination is not a factor.
b. Self-reading dosimeter results have been recorded and the names of exposed persons.
c. Permission to release the person has been received from the Site Emergency Coordinator.

Date/Time _____
Site Evac Co. _____

DIABLO CANYON POWER PLANT
 EP G-5
 ATTACHMENT 7.4

1 AND 2

TITLE: Post-Evacuation Vehicle Monitoring Data

LOCATION _____ DATE _____

INSTRUMENT USED _____ BACKGROUND CPM _____

PERSON MAKING SURVEY _____

LICENSE NUMBER	NUMBER OF PERSONS	TIME	Direct Survey ¹ Results				Smear Survey ² Results				TIME VEHICLE RELEASED
			1st		2nd		1st		2nd		
			NET cpm	dpm/dm ²	NET cpm	dpm/dm ²	NET	dpm/dm ²	NET	dpm/dm ²	

¹ Multiply net cpm by 91 for HP-240 (window open), for HP-210 and 260, multiply by 25 to convert CPM to dpm/dm².

² Smearable dpm/dm² = $\frac{(0.11)(cpm_{net})}{(\epsilon)(A)}$

A = area smeared, square feet
 ε = 0.018 for HP-240
 ε = 0.020 for HP-210 and 260

DIABLO CANYON POWER PLANT
 EP G-5
 ATTACHMENT 7.5

1 AND 2

TITLE: Evacuee Monitoring Data

LOCATION _____ DATE _____
 INSTRUMENT USED _____ BACKGROUND CPM _____
 PERSON READING SURVEY _____

NAME	VEHICLE LICENSE NUMBER	TIME	Direct Survey ¹ Results (MAX)				MAX READING LOCATION	DOSIMETER READING mrem	TIME RELEASED
			1st		2nd				
			NET cpm	dpm/dm ²	NET cpm	dpm/dm ²			

¹ Multiply net cpm by 91 for HP-240 (window open), for HP-210 and 260, multiply by 25 in order to convert CPM to dpm/dm².