



*Pacific Gas and
Electric Company*

James R. Becker
Station Director

Diablo Canyon Power Plant
Mail Code 104/5/504
P.O. Box 56
Avila Beach, CA 93424

805.545.3462
Fax: 805.545.4234

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PG&E Letter DCL-01-038

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 Procedures 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 Implementing Procedures for Diablo Canyon Power Plant, Units 1 and 2.

As provided under 10 CFR 50.54(q), the changes in this update have been made without NRC approval since they do not decrease the effectiveness of the Emergency Plan. The plan, 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

Enclosures

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

DDM/1345

A045

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

<u>Procedure Number</u>	<u>Privacy/ Proprietary Information</u>	<u>Title/Location of Privacy/Proprietary Information</u>
EP G-3 Revision 35	Yes	Notification of Off-Site Agencies and Emergency Response Organization Personnel Attachment 9.1 - pages 1, 2, 3, and 4. Attachment 9.2 - page 3.
EP OR-3, Revision 6A	No	Emergency Recovery
EP EF-3, Revision 19	Yes	Activation and Operation of the Emergency Operations Facility Attachment 5.2 - page 1 Attachment 5.6 - page 2 Attachment 5.7 - page 1 Attachment 5.8 - page 1

DIABLO CANYON POWER PLANT EMERGENCY PLAN IMPLEMENTING PROCEDURES

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EP EF-10	4	Joint Media Center Activation and Operation

*** Procedure included in this submittal**

*** ISSUED FOR USE BY: _____ DATE: _____ EXPIRES: _____ ***
 PACIFIC GAS AND ELECTRIC COMPANY NUMBER EP G-3
 NUCLEAR POWER GENERATION REVISION 35
 DIABLO CANYON POWER PLANT PAGE 1 OF 8
 EMERGENCY PLAN IMPLEMENTING PROCEDURE UNITS

TITLE: Notification of Off-Site Agencies and Emergency Response Organization Personnel

1 AND 2

03/20/01
 EFFECTIVE DATE

PROCEDURE CLASSIFICATION: QUALITY RELATED

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1. SCOPE

1.1 This procedure provides instructions for notification of Emergency Response Organization personnel and both initial and follow up notifications of appropriate federal, state and local agencies in the event of a declared emergency condition at Diablo Canyon.

2. DISCUSSION

2.1 Off-site Agency Notification

2.1.1 Notification of off-site organizations is to be made immediately following declaration of an emergency condition per EP G-1, "Accident Classification and Emergency Plan Activation" and immediately following classification level changes.

a. Notification of the San Luis Obispo County Sheriff's Watch Commander and the State Office of Emergency Services shall be **within 15 minutes of initial declarations, classification level changes, and event terminations.**

NOTE: Notification to NRC shall be made by the Shift Manager, Shift Foreman, or a licensed operator.

TITLE: Notification of Off-Site Agencies and Emergency
Response Organization Personnel

3. DEFINITIONS

- 3.1 Off-Site Notification - Verbal transmittal of an approved message from PG&E to local, state, and federal authorities that provides both a non-technical classification of the emergency status and a recommendation of protective actions for the public.
- 3.2 Verification - A call back from an off-site authority to confirm the validity of a notification or to obtain clarification of its contents.

4. RESPONSIBILITIES

4.1 Off-site Agency Notification - Control Room

- 4.1.1 The Interim Site Emergency Coordinator (ISEC) is responsible for ensuring off-site agency initial notification and follow-up notifications using Form 69-10581, "DCPP Event Notification Form," and "Protective Action Recommendation" (see EP RB-10), Form 69-13216 or functional equivalents, until relieved by the TSC.
- 4.1.2 The Emergency Liaison Coordinator (ELC) is responsible for initiating steps in Attachment 9.2, "Emergency Liaison Coordinator's Notification Procedure." If no ELC is available, the ISEC is responsible for ensuring Attachment 9.2 is implemented.

4.2 Off-site Agency Notification - TSC

- 4.2.1 Upon Technical Support Center (TSC) activation, if prior to EOF activation, the Liaison Advisor and Assistants are responsible for relieving the Control Room staff (Emergency Liaison Coordinator) of off-site organization communications responsibilities, including the NRC.
- 4.2.2 The Liaison Advisor and ASEC are responsible for coordinating information flow for the completion of Notification/PAR forms within required time limits, until the EOF is activated.
- 4.2.3 Phone/Fax notifications by PG&E personnel to the State and NRC may be discontinued when these agencies establish their own communication channels (generally by posting their own representatives at the TSC or EOF).

TITLE: Notification of Off-Site Agencies and Emergency
Response Organization Personnel

4.3 Off-site Agency Notification - EOF

4.3.1 Upon EOF activation, the EOF Agency Liaison and Advisor to the County (upstairs) coordinate the completion and routing of Event Notifications/PARs between the involved parties. The Agency Liaison is responsible for phone notifications to the State and the NRC.

4.3.2 Phone/Fax notifications by PG&E personnel to the State and NRC may be discontinued when these agencies establish their own communication channels (generally by posting a representative at the EOF).

4.4 Emergency Response Organization Personnel Notification

4.4.1 The CRA notifies emergency organization personnel per Attachment 9.1, "Control Room Assistant's Notification Procedure." In the absence of a CRA, the ELC or ISEC is responsible for implementing Attachment 9.1.

NOTE: If Pacific Bell service is interrupted, alternate system instructions are included in Attachment 9.1.

5. PREREQUISITES

5.1 Implementation of EP G-2, "Activation and Operation of the Interim Site Emergency Organization (Control Room)."

6. PRECAUTIONS

6.1 The formal notifications to the County, State and NRC are made by phone or personal contact and must include the event Classification Level and PAR. Computer transfer or faxing the Event Notification and PAR information does not preclude the requirement for these notifications within the applicable time limits.

7. INSTRUCTIONS

Continuous Use of these instructions is expected during initial notifications and Periodic Use during follow-up notifications.

NOTE: Notifications to NRC shall be made by the Shift Manager (ISEC), Shift Foreman (ELC) or a licensed operator.

7.1 INITIAL NOTIFICATIONS FROM CONTROL ROOM

Upon determination of a declarable event (U.E., Alert, S.A.E. or G.E.), the Interim Site Emergency Coordinator (ISEC) shall:

7.1.1 Complete Form 69-10581, "DCPP Event Notification Form," and PAR (EP RB-10, Form 69-13216), or functional equivalents.

7.1.2 Direct the CRA to activate VANS for callout of emergency response personnel per Attachment 9.1.

**TITLE: Notification of Off-Site Agencies and Emergency
Response Organization Personnel**

- 7.1.3 Direct the Emergency Liaison Coordinator (ELC) to make Off-Site Agency Notifications per Attachment 9.2, utilizing Form 69-13238, "Off-Site Notifications Log Sheet."
- 7.1.4 IF the emergency classification escalates before the ELC has completed the required 15 minute notifications to the SLO County Sheriff's Watch Commander and California State OES, THEN perform the following:
- Direct the ELC or assigned personnel to complete those two calls only.
 - Complete both a new Event Notification Form 69-10581 and PAR Form 69-13216, or functional equivalents, with updated information.
 - If escalating from a U.E., direct the ELC to obtain a new Form 69-13238, "Off-Site Notifications Log Sheet," and begin again from the top using the new declaration time.
 - Ensure the ELC notifies the NRC within 60 minutes of the first declaration and assist him or her as necessary to meet time limit.

NOTE: The NRC shall be notified within one hour of the time when the emergency was first declared.

- 7.1.5 Confirm initial notifications to SLO County and State OES have been completed within required time limits.
- 7.1.6 IF a Site Area or General Emergency has been declared, THEN direct the ELC or assigned personnel to also notify the US Coast Guard in accordance with the Off-Site Notifications Log Sheet.
- The US Coast Guard (Marine Safety Office) should be informed of the emergency classification, the PAR, and that SLO County authorities will call soon to request support in the vicinity of DCP.

7.2 CR FOLLOW-UP NOTIFICATIONS AND TURNOVER TO TSC OR EOF STAFF
The Interim Site Emergency Coordinator (ISEC) shall:

- 7.2.1 Complete follow-up Event Notification and updated PAR forms or functional equivalents, approximately every 30 minutes, OR IMMEDIATELY IF ANY of the following occurs:
- Emergency classification changes.
 - Significant change in off-site dose projections or required PARs.
 - Wind direction changes sectors and significant release is occurring or possible.
- 7.2.2 Direct the ELC to make follow-up notifications, meeting the 15 or 30 minute criterion, as applicable (one hour for NRC).

TITLE: Notification of Off-Site Agencies and Emergency
Response Organization Personnel

7.2.3 Exception to 30 minute update requirement (UE ONLY)

- a. For a UE classification only, the 30 minute update classifications may be waived if both of the following criteria are met:
 1. Conditions are stable and not expected to degrade, AND
 2. The agency (County, State, NRC) agrees that 30 minute updates are not necessary.
- b. In such circumstances, give the agreeing agency an estimate of the event termination time, and then waive the 30 minute update notifications until the estimated or actual event termination time (whichever comes first).

NOTE: The event termination notice must always be given to the County and State within 15 minutes of the termination decision (1 hour NRC).

7.2.4 Direct ELC to provide a turnover of notifications responsibilities to either the TSC Liaison Advisor or EOF Agency Liaison.

NOTE: NRC may require open communications with the Control Room after turnover to the TSC.

7.3 TSC NOTIFICATIONS:

- 7.3.1 The TSC Liaison Advisor and the Liaison Assistants shall perform all off-site agency and personnel notifications until the EOF is activated.
- 7.3.2 The Asst. SEC and Liaison Advisor shall coordinate information flow for the production and transmission of Notifications/PARs as assisted by EOF RP personnel.
- 7.3.3 The Site Emergency Coordinator shall approve DCPD Event Notification Form 69-10581 and the PAR (EP RB-10, Form 69-13216 or 69-10412), or functional equivalents. Notification time criteria are the same as indicated in Sections 7.2.1 and 7.2.2.
- 7.3.4 The Liaison Assistants shall make reports from the TSC using the following EP G-3 Attachments or equivalents:
 - a. Forms 69-10581 and 69-13216\10412, "DCPD Event Notification Form" and "PAR."
 - b. Form 69-10295, "Plant Status Emergency Form," (fax to EOF) if plant status summaries are unavailable to the EOF via the computer network.

**TITLE: Notification of Off-Site Agencies and Emergency
Response Organization Personnel**

7.3.5 NRC requests for phone talkers:

- a. ENS - A Liaison Assistant is normally assigned to NRC phone contact duties.
- b. HPN - An NRC request for a knowledgeable full-time HPN phone talker should be accommodated if providing such a person will not detract from emergency response activities. Otherwise, the request must be denied until additional personnel can be called in or the EOF may assume this responsibility.

7.4 EOF NOTIFICATIONS:

- 7.4.1 The EOF relieves either the CR or the TSC of responsibility for generating off-site agency notifications.
- 7.4.2 The Recovery Manager (RM) shall determine emergency classification levels per EP G-1 and PARs per EP RB-10.
- 7.4.3 The EOF Agency Liaison and Advisor to the County (upstairs) shall coordinate the completion and routing of Event Notification/PAR forms, or functional equivalents, between the involved parties.
- 7.4.4 Updates to California OES and NRC shall be the responsibility of the Agency Liaison until these organizations establish their own communication channels and no longer need status reports (generally by posting representatives at the EOF). The Agency Liaison will generally utilize the Liaison Assistant to make notification phone calls to these agencies.

8. RECORDS

- 8.1 All attachments, logs, checklists and records, whether fully or partially completed, will be collected in each facility and turned over to the Shift Manager (UE only) or to the Nuclear Regulatory Services Representative (Alert and above) for compilation and retention and for filing the appropriate reports indicated below:
 - 8.1.1 Notification of Unusual Event (NUE): Written summary required within 24 hours of close out to local and State agencies, with copies to the NRC.
 - 8.1.2 Alert, Site Area and General Emergency: Written summary required within 8 hours of close out or class reduction to local and State agencies, with copies to the NRC.

9. ATTACHMENTS

- 9.1 "Control Room Assistant's Notification Procedure," 03/13/01
- 9.2 "Emergency Liaison Coordinator's Notification Procedure," 12/12/00
- 9.3 Form 69-10581, "DCPP Event Notification Form," 01/14/97

**TITLE: Notification of Off-Site Agencies and Emergency
Response Organization Personnel**

- 9.4 Form 69-13238, "Off-Site Notifications Log Sheet," 12/12/00
- 9.5 Form 69-10295, "Plant Status Emergency Form," 12/12/00

10. REFERENCES

- 10.1 EP G-1, "Accident Classification and Emergency Plan Activation."
- 10.2 EP G-2, "Activation and Operation of the Interim Site Emergency Organization (Control Room)."
- 10.3 EP EF-1, "Activation and Operation of the Technical Support Center."
- 10.4 EP EF-3, "EOF Activation and Operation."
- 10.5 EP R-2, "Release of Airborne Radioactive Materials Initial Assessment."
- 10.6 EP RB-10, "Protective Action Recommendations."
- 10.7 XI1.ID2, "Regulatory Reporting Requirements and Reporting Process."
- 10.8 OM14.ID3, "Fitness For Duty Program."
- 10.9 OP1.DC23, "Control of Posted Plant Signs and Information."

DIABLO CANYON POWER PLANT

EP G-3

ATTACHMENT 9.1

1 AND 2**TITLE:** Control Room Assistant's Notification Procedure

Activation of VANS for:

NOTIFICATION OF UNUSUAL EVENT, ALERT, SITE AREA EMERGENCY OR GENERAL EMERGENCY. (VANS MAY ALSO BE USED FOR 1 HR/4 HR/8 HR NOTIFICATIONS.)

NOTE: If the emergency event is upgraded from a Notification of Unusual Event to an Alert or greater, activate VANS for the upgraded classification.

If VANS is initially activated at an Alert classification, do not repeat activation for upgrading to SAE or GE

1. Initial Actions
2. Activate VANS for Notification of Unusual Event, Alert, Site Area Emergency or General Emergency as requested by the Shift Manager or designee. (Follow steps 8.1-through-8.7)
3. IF VANS was intended to be used and is unavailable or failed during execution, activate the Paging Phone. (Follow step 11)
4. Inform the ISEC when VANS activation is complete and verify his pager was activated. If the CRA and Shift Manager pagers have not been activated after 10 minutes, then activate Paging Phone. (Follow step 11) and initiate a manual call out using the Master Recall Roster (available in the CRA Position Binder).
 - 4.1 Begin with calling the positions of the team that is on call.
 - 4.2 If an on call position holder cannot be confirmed, contact alternate team members until the position is filled.
5. Inform the on-duty RP Foreman (x3247 or X3668) that VANS has been activated to call out technicians.
6. Inform the ISEC when the VANS report comes over the FAX at the end of 40 minutes for an NUE or 70 minutes for Alert or greater.
7. Activation of VANS CALLOUT SYSTEM
8. Primary VANS phone. (Italicized words in parentheses are VANS prompts)
 - 8.1 **Press the CALL VANS button**
(You will hear "This is the Diablo Canyon Power Plant Voice Automated Notification System")
("Please enter your scenario activation password, followed by the pound sign")
 - 8.2 **Press the ENTER PASSWORD button then #.**
("To start a scenario, enter the scenario ID followed by the pound sign or press pound alone for more options")
 - 8.3 **Press the EVENT CLASSIFICATION then #,** as instructed by the ISEC or as listed on form 69-10581.
("You may change On the Fly Message number one. Press 1 to listen to the message. Press 2 to record a new message. Press pound to continue")

EP G-3 (UNITS 1 AND 2)
ATTACHMENT 9.1

TITLE: Control Room Assistant's Notification Procedure

8.4 **Press # to continue (go to step 8.5)** unless you want to record an on the fly message.

If recording a message, continue here.

("After the tone, speak the new message. When you are finished recording, press the pound sign")

Speak the message then press the pound sign. The message will be played back to you.

("Press one to listen to the message. Press two to record a new message. Press pound to continue")

Press pound to continue unless you want to record over your message.

("The event pager code is xxxx. Press 1 to change the event code, Press 2 to continue")

8.5 **Press 2 to continue.**

("To start the scenario press 3, to return to the main menu, press the pound sign")

8.6 **Press 3 to start the scenario.**

("The scenario is building")

(To start a scenario press 1. To stop a scenario press 2. To check scenario information press 3. To enter a different scenario activation password press 4. To end this call press pound")

8.7 **Press the POUND SIGN to end the call.** This can be done at any time after this message begins.

9. **STOPPING THE CALL-OUT**

9.1 To stop the system call-out, **enter the scenario in the same manner as steps 8.1 through 8.3.**

("The scenario is currently active. Would you like to stop the scenario, press nine for yes or six for no")

9.2 **Press 9**

("The scenario will be stopped. To start a scenario press 1. To stop a scenario press 2. To check scenario information press 3. To enter a different scenario activation password press 4. To end this call press pound")

9.3 **Press pound to end the call.**

10. **REMOTE PHONE ACTIVATION**

10.1 If the VANS telephone is damaged or you are forced to abandon the Control Room, VANS can be activated from an alternate phone. Directions are found in the CRA position book utilizing the "Voice Automated Notification System, Manual Operation" Step 13.

EP G-3 (UNITS 1 AND 2)
ATTACHMENT 9.1

TITLE: Control Room Assistant's Notification Procedure

11. **PAGING PHONE ACTIVATION** The procedure is posted as a sign next to the Paging Phone in the Control Room in accordance with OP1.DC23. (This is the brown phone next to the VANS phone in the Control Room which uses the plant pager system and sends a code to preprogrammed pager groups.)

NOTIFICATION OF UNUSUAL EVENT (NUE) (also use for 1 hr/4 hr/8 hr notifications)

1. Pick up the receiver and listen.
2. At the beep, enter **0400** for Management Pager Group.
3. After 3 tones, enter the password, _____. (See Step 13)
4. After 3 tones, enter **111** for NUE (also for 1 hr/4 hr/8 hr notification).
5. Press the pound sign (#) and hang up.

ALERT / SITE AREA EMERGENCY / GENERAL EMERGENCY

1. Pick up the receiver and listen.
2. At the beep, enter 0411 for ALL Pager Groups
3. After 3 tones, enter the password, _____. (See Step 13)
4. After 3 tones, enter 666 for ALERT, SITE AREA EMERGENCY, or GENERAL EMERGENCY.
5. Press the pound sign (#) and hang up.
6. Verify the Shift Manager and CRA pager activates

Repeat steps 1 - 5 every 2 to 3 minutes for 3 times if the Shift Manager and CRA pagers do not activate

12. **OFF-NORMAL COMMUNICATIONS**

12.1 If Pacific Bell service has been lost or interrupted, VANS primary will still function, however, alternate means of off-site communications include:

- OPS radio to the Sheriff's Dispatch
- OPS radio to San Luis Obispo Distribution Operations (SLODO)

San Francisco (public dial tone): Dial 51-9 from the Control Room, and company phones will connect you with San Francisco Pacific Bell lines. You will receive a dial tone and continue to dial as from a normal outside Pacific Bell line.

REMEMBER: You are connected through San Francisco and therefore their telephone area code. All phone calls to SLO will need to be preceded by one and then our area code: 1-805-number.

Phones from which you can dial 51-9 to access San Francisco telephone lines include those located on Units 1 and 2 on the Senior Control Operator consoles, Shift Foreman phones and the Shift Manager phones. TSC and EOF some company phones (standard ROLM phones) also have this capability.

EP G-3 (UNITS 1 AND 2)
ATTACHMENT 9.1

TITLE: Control Room Assistant's Notification Procedure

13. VANS MANUAL OPERATION

- 13.1 From any plant telephone, dial_____.
- 13.2 When prompted, enter the scenario activation password (VANS Primary _____ or VANS BACKUP _____), followed by the "#" sign.
- 13.3 When prompted, enter the scenario ID number from the listing below, followed by the "#" sign.
- 13.4 Follow the prompts to complete the call-out.

SCENARIO TITLE	SCENARIO ID NUMBERS	EVENT CODE NUMBERS
OCC Call-Out	777	333
Industrial Fire Officer	999	8911
DCPP Dual Unit 1 Hr/4 Hr/8 Hr Notification	101	111
DCPP Dual Unit Notification of Unusual Event	102	111
DCPP Dual Unit Alert	103	666
DCPP Dual Unit Site Area Emergency	104	666
DCPP Dual Unit General Emergency	105	666
DCPP Unit 1 1 Hr/4 Hr/8 Hr Notification	111	111
DCPP Unit 1 Notification of Unusual Event	112	111
DCPP Unit 1 Alert	113	666
DCPP Unit 1 Site Area Emergency	114	666
DCPP Unit 1 General Emergency	115	666
DCPP Unit 2 1 Hr/4 Hr/8 Hr Notification	121	111
DCPP Unit 2 Notification of Unusual Event	122	111
DCPP Unit 2 Alert	123	666
DCPP Unit 2 Site Area Emergency	124	666
DCPP Unit 2 General Emergency	125	666

Scenario ID Numbering Index

The first number (1) in the sequence signifies an Emergency

The second number in the sequence signifies the Unit Designation

The third number in the sequence signifies the Event Level

Unit Designation	Event Level
0 = Dual Unit	1 = 1 / 4 / 8 Hour Event
1 = Unit 1	2 = Notification of Unusual Event
2 = Unit 2	3 = Alert
	4 = Site Area Emergency
	5 = General Emergency

DIABLO CANYON POWER PLANT
EP G-3
ATTACHMENT 9.2

1 AND **2**

TITLE: Emergency Liaison Coordinator's Notification Procedure

NOTE 1: If an ELC is unavailable, the ISEC shall ensure notifications are performed.

NOTE 2: Notify SLO County and California OES within 15 minutes and NRC within one hour of the declaration of any Emergency Classification or subsequent change in classification.

EP G-3 (UNITS 1 AND 2)
ATTACHMENT 9.2TITLE: Emergency Liaison Coordinator's Notification Procedure

TAB 1**UNUSUAL EVENT, ALERT, SITE EMERGENCY OR GENERAL EMERGENCY****AT ALL TIMES**

B. INITIAL ACTIONS

NOTE 1: Notification has priority over all other assignments. It is to be performed immediately and as quickly as possible. Do not answer incoming phone calls until the initial notification is complete.

NOTE 2: If further information is requested during initial notification, inform requester that follow-up notifications will be made shortly.

1. If directed by the ISEC, fill out the DCPD Event Notification Form 69-10581 completely and obtain ISEC approval of the message content for follow-up notification.
2. Obtain a completed Form 69-13216 (EP RB-10), PARs information, from the Emergency Evaluation Coordinator or ISEC.
3. Obtain ISEC approval signatures on both of the above forms when completed.
4. Complete initial Off-Site Notifications, using the Off-Site Notifications Log Sheet, Form 69-13238.
5. Verify the 15 minute time limit on Initial Notification to SLO County Sheriff's Watch Commander and California OES has been met, and one hour for the NRC.
6. Complete NRC Event Notification Worksheet, NRC Form 361 (XI1.ID2) if directed by the ISEC.
7. Be alert to incoming calls from off-site organizations, in particular:
 - a. Verification calls from the SLO County Sheriff via telephone or Operations radio.
 - b. Calls from the NRC on the ETS-2000 line.

NOTE: Immediate follow-up notification is given (within 15 min. State and County, one hour NRC):

- If Emergency Classification is increased or a significant increase occurs in Dose Projections.
- If the emergency is terminated.

EP G-3 (UNITS 1 AND 2)
ATTACHMENT 9.2

TITLE: Emergency Liaison Coordinator's Notification Procedure

TAB 1

UNUSUAL EVENT, ALERT, SITE EMERGENCY OR GENERAL EMERGENCY
AT ALL TIMES

C. SUBSEQUENT ACTIONS

1. Provide updates to the State and County at least every thirty minutes as long as updates are required.

NOTE: If an Unusual Event is anticipated to remain in effect greater than about 2 hours, give the off-site organizations an anticipated time of termination. If agreed to by the off-site agencies, updates are not necessary unless the anticipated termination time changes. The final termination notice must be given at the time of the actual event termination.

2. Assist in answering incoming calls as time permits.
3. Fax Initial and Follow-up Event Notification Forms to the SLO County Sheriff's Watch Commander, California OES and NRC Operations Center (optional), as soon as practicable after each verbal notification.

NOTE: Both the NRC Event Notification Worksheet, NRC Form 361, and the DCPD Event Notification Form 69-10581 may be sent by FAX to the NRC Operations Center, after verbal (official) notification is completed.

4. Inform the ISEC when notifications are completed.
5. Log all incoming calls from off-site organizations, in particular, verification calls from SLO County Sheriff (usually on [x3223] Unit 1, or [x3324] Unit 2 or Operations Radio).
6. If requested by the NRC to maintain an open communications channel and there are available personnel:
 - a. Request the Interim SEC assign in this preference:
 - 1) Senior Licensed Operator
 - 2) STA or knowledgeable Licensed Operator
 - b. Inform NRC of the status of staffing on the FTS-2000 line.
7. As time permits, attempt to contact the Liaison Advisor in the TSC or Agency Liaison in the EOF to turn over notifications responsibilities. Upon TSC or EOF activation, relinquish notifications responsibilities to the Liaison Advisor or Agency Liaison.

DIABLO CANYON POWER PLANT
EP G-3
ATTACHMENT 9.4

1 AND 2

TITLE: Off-Site Notifications Log Sheet

DATE: _____ OFF-SITE NOTIFICATIONS # _____

CONTACT	PRIMARY #	ALTERNATE #	TIME / INITIAL
NOTIFY WITHIN 15 MINUTES			
NOTE: FAX notification sheets following completion of both 15 minute notifications. <u>THIS IS A REQUIREMENT.</u>			
1. San Luis Obispo County (Sheriff's Watch Commander) <u>OR</u> call Adv. to Co. when staffed (# in FTL and NERC)	TIE LINE Fax (Fax Required)	911 OPS Radio (ENCODE 11)	/
	_____ Fax Time		(Person Contacted)
2. California Office of Emergency Services (OES) (Emergency Response Center) (Communications with OES lost, call CHP backup)	TIE LINE Fax (Fax Required)		/
	_____ Fax Time		(Person Contacted)
NOTE: Provide 30 minute updates and an estimated closeout time to the San Luis Obispo County (Sheriff's Watch Commander) and California Office of Emergency Services (Emergency Response Center).			
NOTIFY WITHIN 60 MINUTES			
3. NRC Operations Center	FTS 2000 LINES Fax (Fax Optional)		/
	_____ Fax Time		(Person Contacted)
NOTIFY AT ALERT OR GREATER WHEN TSC IS ACTIVATED			
4. INPO Emergency Response Center			/
			(Person Contacted)
INITIAL NOTIFICATION OF SITE AREA OR GENERAL EMERGENCY			
NOTE: This notification is only required if the San Luis Obispo County Emergency Operations Center is <u>NOT</u> activated.			
5. US Coast Guard (Marine Safety Office Long Beach, CA)			/
			(Person Contacted)
RADIOLOGICAL RELEASE TO OCEAN			
6. California Regional Water Quality Control Board	Hours)	(Normal STATE OES TIE LINE (Off-Hours)	/
			(Person Contacted)

DIABLO CANYON POWER PLANT
EP G-3
ATTACHMENT 9.5

1 AND 2

TITLE: Plant Status Emergency Form

Provide as much information as is available and appropriate at the time of the status report.

Date: / / Status Report # 1 2 3 4 5 6 7 8 9 or

Liaison Advisor: (Reviewed By) Liaison Assistant: (Transmitted By)

1. Time Data Collection Begin: (24 hr clock) Complete:

2. Reactor Status: [] Unit 1 [] Unit 2 (Provide a separate form for the other unit)

BEFORE CURRENT
a. Power Level: Power Range (%) Int Range (µa) Source Range (cps)
b. Fuel Damage: [] None [] Minor [] Major

3. Reactor Coolant System:

a. Pressure: psig Estimated RCS Leakage gpm
b. RCP Running: [] 1 [] 2 [] 3 [] 4
c. Incore Thermocouple(s): Hottest F Average F
d. Reactor Vessel Level: % [] Dynamic [] Full

4. Pressurizer:

a. Level: %
b. PORV: [] Open [] Closed
c. Safety Valves: [] Open [] Closed

5. ECCS:

a. Cent. Chg. Pumps On: [] 1 [] 2 Total gpm:
b. SI Pumps On: [] 1 [] 2 Total gpm:
c. RHR Pumps On: [] 1 [] 2 Total gpm:
d. Accumulators Discharged: [] YES [] NO
e. Mode: [] Inject, RWST % [] Recirculation, Contmt Level ft.

6. Containment:

a. Pressure: psig
b. Cont Isolation: [] Phase A [] Reset [] Phase B [] Reset
c. Cont Spray Pumps On: [] 1 [] 2 Spray from RHR []
d. Fan Coolers Status: (Key: H - High L - Low N - Off C - Cleared)
1 2 3 4 5

EP G-3 (UNITS 1 AND 2)
ATTACHMENT 9.5

TITLE: Plant Status Emergency Form

7. Steam Generators:

- | | | | | | | | |
|----|-------------------------------|----------------|------------|---------------|------------|------------|------------|
| | <u>1</u> | | <u>2</u> | | <u>3</u> | | <u>4</u> |
| a. | WR Level: | _____ % | _____ % | _____ % | _____ % | _____ % | _____ % |
| b. | Pressure: | _____ psig | _____ psig | _____ psig | _____ psig | _____ psig | _____ psig |
| c. | Auxiliary Feedwater Pumps On: | [] Turbine | | [] 2 | [] 3 | | |
| | | Total gpm: | | _____ | | | |
| d. | Feedwater Source: | [] Cond Tk | _____ % | [] Raw Water | _____ % | | |
| | | [] Fire Water | _____ % | | | | |
| e. | MSIVs Closed: | [] 1 | [] 2 | [] 3 | [] 4 | | |

8. Cooling:

- a. CCW Pumps On: [] 1 [] 2 [] 3
- b. ASW Pumps On: [] 1 [] 2

9. Other Information:

RETAIN THIS FORM FOR EVENT EVALUATION

1st Draft
LMN 4/17/01

THIS IS A COMMITMENT TRACKING MEMO

Remove prior to NRC submittal

Document: PG&E Letter DCL-01-0?? *038*
Subject: Emergency Plan Implementing Procedure Update
Commitment #1:

There are no commitments contained in this submittal.

S:\RS\IRA\GRP_WORK\EP\EPIP\April-2001.DOC

A0522550E03

038
April 19, 2001

PG&E Letter DCL-01-0??

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 Procedures 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 Implementing Procedures for Diablo Canyon Power Plant, Units 1 and 2.

As provided under 10 CFR 50.54(q), the changes in this update have been made without NRC approval since they do not decrease the effectiveness of the Emergency Plan. The plan, 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,

Stephen R. Fridley
Director Site Services

Enclosures

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

DDM/1345

038

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

FOIA

<u>Procedure Number</u>	<u>Privacy/ Proprietary Information</u>	<u>Title/Location of Privacy/Proprietary Information</u>
EP G-3 Revision 35	Yes	Notification of Off-Site Agencies and Emergency Response Organization Personnel Attachment 9.1 - pages 1, 2, 3, and 4. Attachment 9.2 - page 3.
EP OR-3, Revision 6A	No	Emergency Recovery
EP EF-3, Revision 19	Yes	Activation and Operation of the Emergency Operations Facility Attachment 5.2 - page 1 Attachment 5.6 - page 2 Attachment 5.7 - page 1 Attachment 5.8 - page 1

038

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

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OM10.DC1	2	Emergency Preparedness Drills and Exercises
EP G-1	29	Emergency Classification and Emergency Plan Activation
EP G-2	22	Activation and Operation of the Interim Site Emergency Organization (Control Room)
EP G-3*	35	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	8	Evacuation of Nonessential Site Personnel
EP R-2	19C	Release of Airborne Radioactive Materials Initial Assessment
EP R-3	8B	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	13	Instructions for Field Monitoring Teams
EP RB-9	11	Calculation of Release Rate
EP RB-10	7	Protective Action Recommendations
EP RB-11	11C	Emergency Offsite Dose Calculations
EP RB-12	6	Plant Vent Iodine and Particulate Sampling During Accident Conditions
EP RB-14	5B	Core Damage Assessment Procedure
EP RB-15	9	Post Accident Sampling System
EP EF-1	26	Activation and Operation of the Technical Support Center
EP EF-2	24	Activation and Operation of the Operational Support Center
EP EF-3*	19	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

***** ISSUED FOR USE BY:** _____ **DATE:** _____ **EXPIRES:** _____ *******
PACIFIC GAS AND ELECTRIC COMPANY **NUMBER** **EP OR-3**
NUCLEAR POWER GENERATION **REVISION** **6A**
DIABLO CANYON POWER PLANT **PAGE** **1 OF 6**
EMERGENCY PLAN IMPLEMENTING PROCEDURE **UNITS**

TITLE: **Emergency Recovery**

1 AND 2

3-27-01
EFFECTIVE DATE

PROCEDURE CLASSIFICATION: QUALITY RELATED

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1. SCOPE

1.1 This procedure provides guidance for the operational Recovery Phase following plant emergency declaration and response but prior to the return to normal operations. The emergency phase, in which an Emergency Classification Level (ECL) is declared at the Alert classification or higher, is addressed by the EP G-series and EF-series procedures. When the emergency is terminated and the plant no longer requires an Alert or higher emergency classification for purposes of offsite notification, there may still remain recovery tasks to be performed outside of normal operations. This procedure addresses this transitional Recovery Phase.

1.2 In order to maximize the efficiency and effectiveness of the transition phase and minimize potential confusion and error, use is made of normal programs of widespread familiarity that deal with non-emergency operational problems. To implement the Recovery Phase, heavy reliance is placed on the Event Investigation Team (EIT), Event Response Plan (ERP), and Nonconformance Report (NCR) and associated processes as described in procedure OM7.ID3. Also, the Outage Coordination Center (OCC) is utilized to effect material changes necessary to return the plant to normal operations.

The EIT establishes both Recovery Phase and Post-Recovery Phase actions within the ERP. The restoration processes are carried out by remaining portions of the ERO, the OCC, and normal plant organizational staff in a combination as directed by the Recovery Manager. When the Recovery Phase ERP actions are completed and the ERO fully deactivated, the Recovery Phase is terminated. Some restoration activities may continue under direction of the Plant Manager, EIT and OCC.

TITLE: Emergency Recovery

2. DISCUSSION

- 2.1 The purpose of this procedure is to assist in the transition from an Emergency Response Organization as governed by procedures EP EF-1, EF-2 and EF-3 to a normal plant management organization assisted by an Event Investigation Team as governed by procedures OM7 and OM7.ID3 and, as necessary, by an Outage Coordination organization.
- 2.2 The emergency phase goals of the Emergency Response Organization (ERO) for events at the Alert or higher level include the list below. Upon entering the Recovery Phase, these goals should have been mostly or wholly attained.
- 2.2.1 Bring the plant to a stable condition.
- 2.2.2 Mitigate any real or potential radioactive releases.
- 2.2.3 Minimize hazards to plant personnel.
- 2.2.4 Work with offsite agencies to minimize hazards to the public.
- 2.3 In order to enter the Recovery Phase, the plant should be in a stable condition and any real or potential radioactive releases restricted to less than license limits without the likelihood of again increasing beyond those limits. There should be little probability that the accident will recur or that a new, declarable event (Alert or higher) occur as a result of the previous emergency conditions or response actions. Therefore, the goal for the Recovery Phase of returning to normal operations should include the following actions.
- 2.3.1 Terminate the emergency declaration.
- 2.3.2 Determine which ERO positions will initially be retained in the Recovery Phase.
- 2.3.3 Initiate the EIT/NCR process, including the Event Response Plan as a blueprint for Recovery activities.
- 2.3.4 Activate the Outage Coordination Center for significant plant material restoration.
- 2.3.5 Complete the transition to fully normal plant (non-ERO) management.
- 2.4 Important considerations while taking the above actions are as follows:
- 2.4.1 Continued assurance of plant thermal, mechanical and radiological stability.
- 2.4.2 Remedial work to reach or maintain normal operating conditions (any mode from full power to refueling).
- 2.4.3 Radiological monitoring, dose assessment and clean up, both on-site and assistance to off-site organizations.
- 2.4.4 KI administration follow up.
- 2.4.5 Site access radiological restrictions.
- 2.4.6 Public Information assistance.

TITLE: Emergency Recovery

- 2.4.7 Application for any necessary dispensations for deviations from Tech Specs, license commitments and surveillances.
- 2.4.8 Restoration of emergency facilities to initial state of readiness.
- 2.4.9 Collection and disposition of all emergency response documentation.
- 2.5 Extraordinary Event Recovery
 - 2.5.1 In the more probable accident scenarios, the Recovery Phase would be expected to begin upon the termination of the emergency phase (downgrade of an event from the Alert level or above to an NUE or to no ECL).
 - 2.5.2 However, there is a possibility in some extraordinary events that the Recovery Phase start may be appropriate while the plant still technically exceeds the criteria for an Alert or higher ECL, due to plant conditions or release (or potential release) status.
 - 2.5.3 In such cases, the Recovery Manager may start the Recovery Phase, either concurrent with or after terminating the emergency phase for offsite notification purposes, as agreed with the County, State and NRC authorities.

3. DEFINITIONS

- 3.1 **Recovery (Phase):** This period normally commences at the time at which an emergency at the Alert or higher level has been terminated (either de-escalated to a U.E. or to no ECL), but before the plant has returned to normal operations. In some cases, the Recovery Phase may overlap the end of the emergency phase (refer to section 2.5 above). The Recovery Phase is in turn terminated by declaration of the Recovery Manager, generally at the time he determines normal operational programs are sufficient to close out the event, and his continuous personal control is no longer required at or near the site. During the Recovery Phase the management of the event is shifting from the Emergency Response Organization to the normal plant staff organization as augmented by the incident Event Investigation Team and, as necessary, the Outage Coordination Center.
- 3.2 **Recovery Organization:** The Recovery Organization will consist of the normal plant management organization as assisted by the event-related Event Investigation Team and Outage Coordination Center, and as overlaid by remaining elements of the Emergency Response Organization determined necessary by the Recovery Manager. These elements of the ERO will in time be phased out when the RM declares the Recovery Phase complete.
- 3.3 **Reentry:** Temporary entry into an area not previously radiologically controlled which has or may have become radiologically contaminated and has not been cleared for general public access by the State (offsite areas) or for non-radiation worker access by PG&E (onsite areas). Initially this will include evacuated PAZs. Radiological access controls must be exercised for these areas until cleaned up or cleared for general access.

TITLE: Emergency Recovery

- 3.4 **Event Response Plan:** The plan for returning the plant to normal operations as delineated in OM7.ID3 (EIT process). This plan specifies actions for both the Recovery Phase and the post-Recovery Phase.

4. RESPONSIBILITIES

- 4.1 The Recovery Manager (RM) shall determine when the emergency event at the Alert, S.A.E. or G.E. Level shall be terminated (downgraded to a U.E. or to no ECL). As appropriate in the case of a extraordinary event, the RM shall determine when the Recovery Phase should be commenced prior to the end of the emergency phase, or, as agreed by County, State and NRC officials, when the emergency phase may be terminated for offsite notification purposes, though the plant is technically in an ECL at the Alert or higher level. The RM shall then direct the activities of the Recovery Organization until he declares the Recovery Phase complete. At this time his ERO position will be deactivated and general site area control will revert to the Plant Manager, and the use of Emergency Plan Implementing Procedures (EPIPs) will no longer be necessary to close out the event. The Recovery Manager shall also approve Planned Special Exposures related to Recovery activities.
- 4.2 As directed by the Recovery Manager, the Site Emergency Coordinator may exercise the responsibilities in Section 4.1 above.
- 4.3 As directed by the Recovery Manager (for an S.A.E. or G.E.), the TSC Radiological Advisor or the site Radiation Protection Director shall determine the proper Reentry radiological controls for the Recovery Phase (see Attachment 9.4).

5. PREREQUISITES

- 5.1 The Diablo Canyon ERO has been activated at the Alert or higher emergency classification level. The emergency is under control, the threat of uncontrolled radiological releases above Tech Specs has been eliminated (see 6.1 below), and all necessary protective actions are being implemented. See Attachment 9.1, RECOVERY PHASE INITIATION.

6. PRECAUTIONS

- 6.1 Tech Spec deviations necessary during the emergency may not be appropriate during the Recovery Phase. Special NRC dispensation may be required to effect necessary Tech Spec or other license deviations.
- 6.2 Abnormalities not documented during the emergency that are discovered during the Recovery Phase must, as applicable, be reported per 10 CFR 50.72 and .73.
- 6.3 Radiological exposure planning reverts back to normal operational limits in the Recovery Phase (no emergency exposure authorizations or automatic extensions of administrative limits).

TITLE: Emergency Recovery

7. INSTRUCTIONS

- 7.1 Recovery Phase Initiation - the Recovery Manager shall complete Attachment 9.1 of this procedure.
- 7.2 EOF/OEL/JMC/PG&E EOC Deactivation - the Recovery Manager shall complete Attachment 9.2 of this procedure.
- 7.3 TSC/OSC Deactivation - the Recovery Manager shall complete, or shall direct the Site Emergency Coordinator to complete, Attachment 9.3 of this procedure.
- 7.4 Recovery Phase Radiological Controls (Reentry) - S.A.E. or G.E. - the Recovery Manager shall direct the TSC Radiological Advisor or site Radiation Protection Director, as applicable, to complete Attachment 9.4 of this procedure. This attachment is not required for events at the Alert level only.
- 7.5 EIT/NCR Process Initiation - the Recovery Manager (or SEC or Plant Manager by delegation) shall direct the establishment of an Event Investigation Team (EIT) and associated Non-Conformance Report (NCR) to cover the event. The EIT shall be directed to produce an Event Response Plan (ERP) which will specify actions that, when accomplished, will allow termination of the Recovery Phase.
- 7.6 OCC Activation - the Recovery Manager (or SEC or Plant Manager by delegation) shall direct, as necessary, involvement of the Outage Coordination Center (OCC) in Recovery Phase remediation activities.
- 7.7 Recovery Phase Termination - the Recovery Manager shall complete Attachment 9.5 of this procedure.

8. RECORDS

- 8.1 Attachments from this procedure completed as part of a drill, exercise or actual event, shall be forwarded by the next working day to the Emergency Planning Supervisor for review and retention.

9. ATTACHMENTS

- 9.1 "Recovery Phase Initiation," 10/14/98
- 9.2 "EOF/OEL/JMC/PG&E EOC Deactivation," 03/10/00
- 9.3 "TSC/OSC Deactivation," 03/02/00
- 9.4 "Recovery Phase Radiological Controls (Reentry) - S.A.E. OR G.E.," 01/31/01
- 9.5 "Recovery Phase Termination," 10/14/98

10. REFERENCES

- 10.1 EP G-1, "Emergency Classification and Emergency Plan Activation."
- 10.2 EP EF-3, "EOF Activation and Operation."
- 10.3 EP RB-3, "Stable Iodine Thyroid Blocking."
- 10.4 EP RB-4, "Access to and Establishment of Radiologically Controlled Areas Under Emergency Conditions."

**PACIFIC GAS AND ELECTRIC COMPANY
DIABLO CANYON POWER PLANT**

**NUMBER EP OR-3
REVISION 6A
PAGE 6 OF 6
UNITS 1 AND 2**

TITLE: Emergency Recovery

-
- 10.5 DCPP Emergency Plan, Section 9.
 - 10.6 RP1.ID6, "Personnel Dose Limits and Monitoring Requirements."
 - 10.7 RP1.ID8, "Planned Special Exposure."
 - 10.8 RP1.ID9, "Radiation Work Permits."
 - 10.9 XI1.ID2, "Regulatory Reporting Requirements and Reporting Process."
 - 10.10 OM7, "Problem Resolution."
 - 10.11 OM7.ID3, "Nonconformance Report (NCR) - Technical Review Group (TRG) and Event Investigation Team (EIT)."
 - 10.12 AD8.ID1, "Outage Planning and Management."

DIABLO CANYON POWER PLANT
EP OR-3
ATTACHMENT 9.1

1 AND 2

TITLE: Recovery Phase Initiation

A. CRITERIA FOR RECOVERY PHASE INITIATION

The initiation of the Recovery Phase may be considered when all of the following criteria are met.

1. No EALs are currently declarable at the Alert or higher level classification (see EP G-1), and none such are expected. Alternatively for an extraordinary event, the Recovery Phase may be initiated concurrently with the emergency phase, or the emergency phase may be terminated for offsite notification purposes although the plant is technically at an ECL at the Alert or higher level (obtain County, State and NRC concurrence).
2. Protective Action Recommendations are being implemented and no new plume phase PARs are required or expected.
3. Radioactive releases do not exceed and are not expected to exceed Tech Specs without dispensation from the NRC.
4. Radiation levels in the plant are not expected to preclude reaching and maintaining a stable operating mode, such as cold shutdown.
5. The plant may be brought to and maintained at a stable operating mode, such as cold shutdown.
6. Any external emergency cause (fire, flood, earthquake including likely aftershock exceeding Alert level, storm/hurricane, tsunami, security challenge) has eased and is no longer expected to threaten plant safety.

Authorization Signature:

Emergency Termination	Signature of Recovery Manager	Termination Date	Time

B. ACTIONS FOR RECOVERY PHASE INITIATION

When all of the above criteria are met, then complete all the following actions to initiate the Recovery Phase. NOTE: the following is an index to track required Recovery actions, including completion of other attachments.

1. Make or direct an EOF PA announcement of the emergency termination and direct notification calls to the OEL, JMC and PG&E EOC. Indicate that each facility should be returned to a state of initial emergency readiness consistent with remaining staffing levels. Note - this announcement may or may not be combined with the notifications dismissing some or all of the facility staffs (see Attachment 9.2, "EOF/OEL/JMC/PG&E EOC Deactivation."
2. Notify the Site Emergency Coordinator in the TSC of the emergency termination. Direct that the TSC and OSC be returned to a state of initial emergency readiness consistent with remaining staffing levels. Note - this notification may or may not include direction for the SEC to complete Attachment 9.3, "TSC/OSC Deactivation" (see Step 5. below).

EP OR-3 (UNITS 1 AND 2)
ATTACHMENT 9.1TITLE: Recovery Phase Initiation

3. _____ For emergency phase termination: Ensure the County, State and NRC contacts are notified (15 min. Co./State, 1 hr. NRC). Assign an individual (Regulatory Compliance or Licensing) to make the necessary written report within 8 hours to the NRC, copies to the State and County (Ref. XI1.ID2, Regulatory Reporting Requirements and Reporting Process).
4. _____ Complete Attachment 9.2, "EOF/OEL/JMC/PG&E EOC Deactivation."
5. _____ Complete Attachment 9.3, "TSC/OSC Deactivation" (may be delegated to SEC).
6. _____ Assign the selected individual (EOF Radiological Manager, TSC Radiological Advisor, or site Radiation Protection Director) to complete Attachment 9.4, "Recovery Phase Radiological Controls (Reentry) - S.A.E. OR G.E.," if an S.A.E. or G.E. was declared.
7. _____ Direct the initiation of the EIT/NCR process (may be delegated to SEC or Plant Manager).
8. _____ Direct, as required, the activation or involvement of the OCC (may be delegated to SEC or Plant Manager).

NOTE: Upon conclusion of the Recovery Phase (termination of the Recovery Manager position) complete Attachment 9.5, "Recovery Phase Termination."

Return this completed form to the Emergency Planning Supervisor by the next working day to ensure proper event documentation.

DIABLO CANYON POWER PLANT
EP OR-3
ATTACHMENT 9.2

1 AND 2

TITLE: EOF/OEL/JMC/PG&E EOC Deactivation

Upon Recovery Phase initiation (Attachment 9.1 completed), some or all of the EOF, Offsite Environmental Lab, JMC and PG&E Emergency Operations Center (San Francisco) positions may be deactivated. The RM shall determine whether any of these positions shall remain active during the initial Recovery Phase by completing the following checklist. Note - as ERO positions are deactivated after the initial completion of this form, the checklist need not be updated. However, the RM must ensure all appropriate personnel are informed in a timely manner.

A. Deactivate all EOF/OEL/JMC/PG&E EOC positions

OR

Retain selected EOF/OEL/JMC/PG&E EOC positions indicated below:

FACILITY	POSITION	RETAIN
EOF*	RM OFFICE:	
	Recovery Manager	**
	Advisor to the County	
	Agency Liaison	
	EOF Secretarial/Clerical	
	UDAC:	
	Radiological Manager	
	Emergency Supv. Engineer	
	Health Physicist	
	Rad. Monitoring Director	
	Near Site Meteorologist	
	HP Liaison to Congregate Care	

***NOTE:** Full deactivation of the PG&E EOC and EOF requires consultation with the NRC, FEMA, State and County and approval by the Policy Group Chair and the President's Nuclear Advisory Committee (PNAC).

****NOTE:** If the Recovery Manager position is not to be retained, complete Attachment. 9.5, "Recovery Phase Termination."

**EP OR-3 (UNITS 1 AND 2)
ATTACHMENT 9.2**

TITLE: EOF/OEL/JMC/PG&E EOC Deactivation

	POSITION	RETAIN
EOF	ENGINEERING:	
	Engineering Liaison(s)	
	LAW:	
	PG&E Lawyer	
	PUBLIC INFORMATION:	
	Public Information Manager	
	Asst. Public Info Manager	
	Tech. Asst. to the PIM	
	SECURITY:	
	Security Officer(s)	
OEL	OEL Operator	
	Offsite Field Teams & Runner	
JMC	JMC Director	
	Asst. JMC Director	
	Tech Advisor to the JMC Director	
	JMC Support Manager	
	JMC Security	
PG&E EOC	Corporate Emergency Coordinator	
	Nuc. Logistics Coordinator	

***NOTE:** Full deactivation of the PG&E EOC and EOF requires consultation with the NRC, FEMA, State and County and approval by the Policy Group Chair and the President's Nuclear Advisory Committee (PNAC).

Completed By: _____

Recovery Manager Signature

Date

Time

Transmit the above information (phone or fax) immediately to the SEC. Forward the original of this completed form to the Emergency Planning Supervisor within one working day for event documentation.

DIABLO CANYON POWER PLANT
EP OR-3
ATTACHMENT 9.3

1 AND 2

TITLE: TSC/OSC Deactivation

Upon Recovery Phase initiation (Attachment 9.1 completed), some or all of the TSC and OSC positions may be deactivated. The RM shall determine, or shall direct the SEC to determine, whether any of these positions shall remain active during the initial Recovery Phase by completing the following form. Note - it is generally preferred that the OSC ERO be replaced by the Outage Coordination Center as soon as possible. Also, as ERO positions are deactivated after the initial completion of this form, the checklist need not be updated. However, the RM or SEC must ensure all appropriate personnel are informed of changes in a timely manner.

- A. Deactivate all TSC/OSC positions
OR
 Retain selected TSC and OSC positions as follow:

FACILITY	POSITION	RETAIN
TSC	TSC OFFICE	
	Site Emergency Coordinator	
	Asst. Site Emergency Coord.	
	TSC Secretary	
	Operations Advisor	
	Engineering Advisor	
	Maintenance/Logistics Advisor	
	Liaison Advisor	
	Liaison Assistants	
	Operations Coordinator (CR)	
	Security Advisor	
	Administrative Advisor	
	TSC Clerical	
TSC	ENGINEERING:	
	Reactor Engineer	
	Mechanical Engineer	
	Electrical Engineer	
	Site Materials Advisor	
	RADIATION PROTECTION:	
	Radiological Advisor	
	Rad Data Processor - Plant	
	Radio Operator	
	Onsite Field Team(s)	

**EP OR-3 (UNITS 1 AND 2)
ATTACHMENT 9.3**

TITLE: TSC/OSC Deactivation

FACILITY	POSITION	RETAIN
OSC	NSSS OFFICE:	
	Emergency Maintenance Coord.	
	OSC Access Supervisor	
	Site Radiation Protection Coordinator	
	Site Chemistry Coordinator	
	Mechanical Coordinator	
	Technical Maintenance Coordinator	
	Electrical Maintenance Coordinator	
	Operations Coordinator	
	EMC Secretarial/Clerical	
	MAINTENANCE CREW TRAILER	
	TM Technicians	
	Mechanics	
	Electrical Maintenance Coordinator	

Completed By: _____

Recovery Manager or SEC Signature

Date

Time

If completed by the RM, transmit the above information (phone or fax) immediately to the SEC.

RM or SEC - forward the original of this completed form to the Emergency Planning Supervisor within one working day for event documentation.

DIABLO CANYON POWER PLANT
EP OR-3
ATTACHMENT 9.4

1 AND 2

TITLE: Recovery Phase Radiological Controls (Reentry) - S.A.E. OR G.E.

This form is to be completed by the TSC Radiological Advisor (RA) or site Radiation Protection Director (RPD) as directed by the EOF Recovery Manager upon Recovery Phase initiation after having attained an S.A.E. or G.E. This document should provide the basis for off-normal radiological controls during the Recovery Phase with the intent of returning to normal controls as soon as possible.

A. Site Exposure Assessment (perform the following actions only as needed per the actual release and actual exposure to the release)

1. Determine the dose to personnel receiving significant exposure in the emergency.
2. Change out TLDs as necessary to establish Recovery baseline.
3. Conduct whole body counting for individuals significantly exposed to the release and arrange for bioassays and medical evaluations as indicated.
4. Ensure all persons who were directed to take thyroid blocking Iodine and were significantly exposed to the release complete the recommended therapy (one tablet per day for 14 consecutive days) and have had a medical evaluation for Iodine allergy.
5. Ensure appropriate medical evaluation and counseling for personnel who were overexposed or who received emergency exposures.

B. Site Contamination and Reentry Access Control

1. Determine whether free access to the plant gate(s) has been precluded by possible deposition (PAZ evacuation) and advise the SEC or Plant Manager (PM). If necessary, recommend a shuttle van program (Community Center or San Luis Obispo Control Center may be used as a staging center).
2. Determine priorities for and perform surveys of plant areas and access road(s) as indicated by plume exposure.
 - a. Rope off and post contaminated areas, establish clean areas.
 - b. Post and quarantine vehicles as appropriate.
 - c. Quarantine potentially contaminated foodstuffs (cafeteria, vending machines and personal supplies).
 - d. Establish access control at the Avila Gate or other location as indicated and establish reentry RWP/SWP controls. Coordinate access with the OCC as appropriate.
3. Establish special decon and radwaste handling activities as needed.

EP OR-3 (UNITS 1 AND 2)
ATTACHMENT 9.4

TITLE: Recovery Phase Radiological Controls (Reentry) - S.A.E. OR G.E.

C. Offsite Contamination Control and Population Dose

1. If requested by the State, obtain the SEC's or PM's concurrence and contact State representatives to assist in area surveys, crop/livestock quarantine, ingestion pathway assessments and population dose estimates as requested.
2. Make arrangements as necessary for assistance to livestock farmers on Company property adjacent the site.

D. Site Exposure Planning

1. As needed, estimate exposures and assess access restrictions for Recovery Phase activities and advise the SEC or PM of any problems in attaining Recovery goals, such as meeting minimum Tech Spec staffing requirements, access to operate plant equipment needed for safe shutdown, and dose estimates for plant repair.
2. Obtain Recovery Manager approval for any Planned Special Exposures necessary during the Recovery Phase, as well as meeting other requirements of RP1.ID8, "Planned Special Exposure."

E. Recovery Phase Termination

1. Coordinate Radiation Protection activities with the EIT/NCR process and Outage Coordination Center with the goal of returning to normal plant management and operations.

Completed By: _____
Radiological Advisor or RP Director Signature
Date
Time

NOTE: Notify appropriate individuals (RM, SEC/PM, TRG Chairman, OCC Coordinator, etc.) of appropriate considerations resulting from the above check items.

Forward the original of this completed form to the Emergency Planning Supervisor within one working day for event documentation.

DIABLO CANYON POWER PLANT
EP OR-3
ATTACHMENT 9.5

1 AND 2

TITLE: Recovery Phase Termination

This form is to be completed by the Recovery Manager to ensure a timely and error free termination of the Recovery Phase and transition to normal plant operations. By completing this form, the Recovery Manager deactivates his own ERO position and yields full site control back to the Plant Manager.

1. The following applicable EP OR-3 attachments have been completed and signed:
 - a. 9.1 - Recovery Phase Initiation
 - b. 9.2- EOF/OEL/JMC/PG&E EOC Deactivation
 - c. 9.3- TSC/EOF Deactivation
 - d. 9.4- Recovery Phase Radiological Controls (Reentry) - S.A.E. or G.E.
2. The EIT has taken full control of event investigation and close out and the Event Response Plan (ERP) actions for the Recovery Phase have been met.
3. As necessary, the Outage Coordination Center has taken appropriate control of plant material remediation.
4. All ERO positions have been deactivated and normal plant management is taking full control of site operations. Emergency Plan Implementing Procedures EF-1, EF-2 and EF-3 are no longer in effect.
5. The Corporate ERO has been deactivated (NRC, FEMA, State and County have been consulted and approval of the Corporate Emergency Coordinator and PNAC obtained).

Completed By: _____

Recovery Manager Signature	Date	Time
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NOTE: The Recovery Manager's signature above formally deactivates this position.

Immediately inform the Plant Manager upon completion of this form. Forward the original of the completed form to the Emergency Planning Supervisor within one working day for event documentation.

*** ISSUED FOR USE BY: _____ DATE: _____ EXPIRES: _____ ***
PACIFIC GAS AND ELECTRIC COMPANY NUMBER EP EF-3
NUCLEAR POWER GENERATION REVISION 19
DIABLO CANYON POWER PLANT PAGE 1 OF 6
EMERGENCY PLAN IMPLEMENTING PROCEDURE UNITS

TITLE: Activation and Operation of the Emergency Operations Facility

1 AND 2

3-27-01
EFFECTIVE DATE

PROCEDURE CLASSIFICATION: QUALITY RELATED

1. SCOPE

The scope of this procedure is to provide the Emergency Operations Facility (EOF) staff with checklists to be used as a guidance for performing their assigned emergency response positions.

2. RESPONSIBILITIES

2.1 Recovery Manager (RM) is responsible for:

- 2.1.1 the overall command and control of the emergency response effort,
- 2.1.2 developing and approving Protective Action Recommendations (PARs),
- 2.1.3 authorizing emergency worker exposures,
- 2.1.4 recommending the issuance of potassium iodide (KI) to emergency workers,
- 2.1.5 approving news releases,
- 2.1.6 developing an accident recovery action plan,
- 2.1.7 notifying/updating county, state and NRC on Emergency Action Levels (EALs) and PARs.
- 2.1.8 modifying the Emergency Response Organization (ERO), based upon the specific needs for PG&E to mitigate the accident or response to the emergency.

2.2 Advisor to the County is responsible for:

- 2.2.1 initial staffing and setup of the EOF,
- 2.2.2 assisting the Recovery Manager,
- 2.2.3 managing the EOF staff until the Recovery Manager arrives,
- 2.2.4 signing PAR Forms for the Site Emergency Coordinator until the Recovery Manager arrives.
- 2.2.5 interfacing between EOF and San Luis Obispo (SLO) County Sheriff's Watch Command and/or Command staff.

2.3 Engineering Liaison is responsible for:

- 2.3.1 providing and interpreting technical information on plant systems for the Recovery Manager.
- 2.3.2 interfacing with the Technical Support Center (TSC) Engineering Advisor.

**TITLE: Activation and Operation of the Emergency Operations
Facility**

- 2.4 Agency Liaison is responsible for:
 - 2.4.1 generating Event Notification (EN)/PAR forms after UDAC is activated.
 - 2.4.2 transmitting Emergency Notification and Protective Action Recommendation Forms to the TSC Liaison Advisor.
 - 2.4.3 facilitating the co-location of NRC representatives upon arrival with their EOF staff counterparts.
- 2.5 Liaison Assistant
 - 2.5.1 Perform phone and fax notifications and PAR transmittals to the county, state, and NRC.
- 2.6 Radiological Manager is responsible for:
 - 2.6.1 the overall management and coordination of PG&E Unified Dose Assessment Center (UDAC) staff members with other personnel within the UDAC.
 - 2.6.2 the radiation protection of the off-site PG&E emergency workers,
 - 2.6.3 coordinating field monitoring activities with the UDAC Coordinator,
 - 2.6.4 reviewing dose calculations and field monitoring survey results with the UDAC Coordinator,
 - 2.6.5 briefing the Recovery Manager on UDAC PARs,
 - 2.6.6 making recommendations to the Recovery Manager on issuing KI and exceeding dose limits for emergency workers,
 - 2.6.7 formulating PARs with the UDAC Coordinator and other UDAC staff based on dose projections, meteorological conditions, or field monitoring data,
 - 2.6.8 periodically conducting UDAC staff meetings on emergency status, or whenever a significant change of event occurs.
- 2.7 UDAC Coordinator (a SLO County position) is responsible for:
 - 2.7.1 the overall management and coordination of SLO County UDAC staff members with other agencies within the UDAC,
 - 2.7.2 communications with the County Health Officer (CHO) and the Radiological Manager,
 - 2.7.3 presenting UDAC PARs to the CHO, including:
 - a. the extension of an emergency worker exposure greater than the SLO County administrative dose limits, or
 - b. the issuance of KI to emergency workers and members of the public that can not be evacuated (e.g., institutionalized, non-ambulatory individuals),
 - 2.7.4 coordinating and directing Field Monitoring Team (FMT) activities with the Radiological Manager,

TITLE: Activation and Operation of the Emergency Operations Facility

- 2.7.5 reviewing projected dose calculations with the Radiological Manager,
- 2.7.6 periodically reviewing FMT exposures,
- 2.7.7 reviewing calculations for correcting self reading dosimetry (e.g., pocket ion chambers) to Total Effective Dose Equivalent (TEDE) and Thyroid Committed Dose Equivalent (Thyroid CDE),
- 2.7.8 reviewing field monitoring results.
- 2.7.9 formulating UDAC PARs with the Radiological Manager and other UDAC staff, based on dose projections, meteorological conditions, or field monitoring data,
- 2.7.10 providing UDAC staff with periodic emergency status updates, or whenever a significant change of event occurs, and
- 2.7.11 requesting California Office of Emergency Services (CA OES) activate the Department of Energy (DOE) Federal Radiation Monitoring and Assessment Center (FRMAC).
- 2.8 Assistant UDAC Coordinator (a SLO County ERO position)
 - 2.8.1 assisting and advising the UDAC Coordinator, and in his absence, assuming his responsibilities,
 - 2.8.2 coordinating SLO County off-site dose assessment and field monitoring activities, and
 - 2.8.3 preparing status reports for the UDAC Coordinator, as necessary
- 2.9 Emergency Supervising Engineer (ESE) is responsible for:
 - 2.9.1 directing field sampling activities and locations,
 - 2.9.2 communicating information between the Radiological Monitoring Director, Meteorologist, Health Physicist, and the Radiological Manager,
 - 2.9.3 coordinating dose assessment and monitoring activities,
 - 2.9.4 trending Radiation Monitor System (RMS),
 - 2.9.5 formulating PARs based on information received from EARS, TSC Radiological Advisor, Field Monitoring Teams,
 - 2.9.6 keeping the Radiological Monitoring Director informed of plant changes that would impact field team activities.
- 2.10 Radiological Monitoring Director is responsible for:
 - 2.10.1 communicating information between the UDAC staff and the FMTs, FMT Runner, and the Off-site Environmental Laboratory (OEL),
 - 2.10.2 tracking and recording field data,
 - 2.10.3 converting FMTs and FMT Runner dosimeter readings to TEDE,

**TITLE: Activation and Operation of the Emergency Operations
Facility**

- 2.10.4 informing the Radiological Manager when a FMT member is approaching an administrative dose limit.
- 2.11 Health Physicist is responsible for:
 - 2.11.1 reviewing off-site dose projections performed by the TSC, prior to the EOF being activated,
 - 2.11.2 collecting dose projection input data,
 - 2.11.3 calculating off-site dose projections, and
 - 2.11.4 informing the Radiological Manager of dose calculation results.
- 2.12 UDAC Meteorologist is responsible for determining current and forecast meteorological information.
- 2.13 Health Physics Liaison to Congregate Care is responsible for:
 - 2.13.1 initiating the call-out of Monitors,
 - 2.13.2 assisting other members of UDAC as necessary.
- 2.14 Emergency Public Information Manager (EPIM) is responsible for:
 - 2.14.1 writing news releases and bulletins for Recovery Manager review and approval,
 - 2.14.2 coordinating the dissemination of approved news releases and bulletins with the JMC, and
 - 2.14.3 managing the Joint Media Center in coordination with the County.
- 2.15 Assistant EPIM is responsible for:
 - 2.15.1 providing assistance to the EPIM,
 - 2.15.2 reviewing new releases, and
 - 2.15.3 Assume responsibilities of the EPIM in their absence.
- 2.16 EPIM Technical Advisor is responsible for:
 - 2.16.1 ensuring the technical accuracy of news releases.
- 2.17 Law (Attorney) is responsible for:
 - 2.17.1 Coordinating with the Corporate Law Department
 - 2.17.2 Supporting the Recovery Manager as requested (no checklist required).
- 2.18 The Nuclear Logistics Coordinator is responsible for:
 - 2.18.1 Notifying the Sr. VP - Utility Operations, or if not available, contacting the Director of Corporate Security or the Manager of Emergency Planning.
 - 2.18.2 Coordinating the schedule and travel arrangements for ERO positions in the San Francisco Bay area.
 - 2.18.3 Keeping the Policy Chair advised of the status of events.

TITLE: Activation and Operation of the Emergency Operations
Facility

2.18.4 Keeping the Advisor to the County and Recovery Manager informed of all
Company liaison activities.

3. INSTRUCTIONS

- 3.1 Obtain a current copy of the checklist for your assigned Emergency Response Organization (ERO) position.
- 3.2 Sign your initials on the checklist after each action is performed or reviewed.
- 3.3 Document important information received or actions taken using Log Sheets.

4. RECORDS

- 4.1 All checklists, Log Sheets, or documents generated during activation of the EOF for drills and exercises are non-quality Good Business Records and shall be retained by Emergency Planning Group for three years.
- 4.2 All checklists, Log Sheets, or documents generated during activation of the EOF for a real event are non-quality records and shall be retained in RMS in accordance with AD10.ID2

5. ATTACHMENTS

- 5.1 "Recovery Manager Checklist," 03/15/01
- 5.2 "Advisor to the County Checklist," 03/15/01
- 5.3 "Radiological Manager Checklist," 03/15/01
- 5.4 "Health Physicist Checklist," 03/15/01
- 5.5 "Emergency Supervising Engineer Checklist," 03/15/01
- 5.6 "Radiological Monitoring Director Checklist," 03/15/01
- 5.7 "UDAC Meteorologist Checklist," 03/15/01
- 5.8 "Engineering Liaison Checklist," 03/15/01
- 5.9 "Agency Liaison Checklist," 03/15/01
- 5.10 "Health Physics Liaison to Congregate Care Checklist," 03/15/01
- 5.11 "Emergency Public Information Manager Checklist," 03/15/01
- 5.12 "EPIM News Release Preparation Checklist," 03/15/01
- 5.13 "Assistant Emergency Public Information Manager Checklist," 03/15/01
- 5.14 "Technical Advisor to the EPIM Checklist," 03/15/01
- 5.15 "Advisor to the County/Recovery Manager Turnover Checklist," 03/15/01
- 5.16 "Field Monitoring Team Exposure Tracking Sheet," 03/15/01
- 5.17 "ISEC/SEC/RM Turnover Checklist," 03/15/01
- 5.18 "RM/Advisor to the County Facility PA Announcement Template," 03/15/01
- 5.19 "Records of News Media Inquiries," 03/15/01

**PACIFIC GAS AND ELECTRIC COMPANY
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**TITLE: Activation and Operation of the Emergency Operations
Facility**

- 5.20 "Records of News Media Inquiries," 03/15/01
- 5.21 "Nuclear Logistics Coordinator Guidance Checklist," 03/15/01
- 5.22 "Liaison Assistant Checklist," 03/15/01

6. REFERENCES

- 6.1 DCPD Emergency Plan.

DIABLO CANYON POWER PLANT
EP EF-3
ATTACHMENT 5.1

1 AND 2

TITLE: Recovery Manager Checklist

1. INITIAL ACTIONS

PRINT NAME _____ DATE _____

NOTE: The procedural steps in this attachment may be performed out of sequence or modified at the discretion of the Recovery Manager except as noted.

- 1.1. Sign in on whiteboard in RM Office.
- 1.2. Contact the Advisor to the County for briefing and turnover; use Attachment 5.15, Advisor to the County/Recovery Manager Turnover Sheet."
- 1.3. When ready to assume command and control of the emergency response notify the Site Emergency Coordinator. Refer to Attachment 5.17, "ISEC/SEC/RM Turnover Checklist."
- 1.4. Direct the Advisor to the County to schedule an initial staff meeting.
- 1.5. Declare the EOF fully activated when all processes required for the EOF are fully operational. Fully operational means that the person assigned to a position has taken over the responsibility for those duties. Vacancies may be filled by qualified individuals not already filling a minimum staff position.

NOTE: Inform EOC Command of intent to make EOF public address prior to making announcement.

- 1.6. Make the following announcement over the Public Address system to the entire EOF building (921 on the DIC phone):

"This is _____ (name). As Recovery Manager, I am assuming responsibility for overall management of PG&E's emergency response activities. The EOF is now fully activated and operational (go over current status)."
- 1.7. Direct the Advisor to the County or another staff member to log the time of activation.

NOTE: The following responsibilities transfer from the SEC to the RM:

- emergency classification
- PARs
- approval of emergency worker exposures
- recommendation of KI for off-site PG&E emergency workers
- approval of news releases

EP EF-3 (UNITS 1 AND 2)
ATTACHMENT 5.1TITLE: Recovery Manager Checklist

2. CONTINUING ACTIONS

- 2.1 When notified of the NRC Initial Site Team's Estimated Time of Arrival, determine if the Recovery Manager or Advisor to the County will brief the team. The Initial Site Team will be updated while in transit by Region IV and Bethesda, so prepare a short briefing on current plant status, radiological information, public information, and public impact. The following should attend or participate in the briefing:
- Advisor to the County
 - Engineering
 - Radiological Manager
 - Emergency Public Information Manager
 - State Representative if present at the EOC
 - County Emergency Services Director or Representative
- 2.2 When EOF Security announces the arrival of the NRC Initial Site Team, brief your NRC Co-locator (NRC Director of Site Operations) on the emergency developments, mitigating actions, and current activities. Ensure the NRC Co-locator is familiar with telephone use, information flow, and has copies of the same documents used for your position.
- 2.3 Evaluate plant conditions and escalate emergency classifications when appropriate.
- 2.4 Conduct, or direct the Advisor to the County to conduct, regular plant status briefings using the Public Address system (PA).
- 2.5 Keep informed of school closings, evacuations, relocation centers, sirens, Emergency Alert System (EAS) messages and other pertinent information via the Advisor to the County.
- 2.6 Consider Protective Action Recommendations (PARs). Refer to EP RB-10 for further guidance on PARs.
- 2.7 Obtain radiological information from the Radiological Manager and plant status information from the Engineering Liaison.
- 2.8 Review and concur with completed UDAC PARs.
- 2.9 Issue independent PARs to SLO County Command if:
- Modifications to UDAC PARs are deemed necessary.
 - Plant status changes and immediate PARs are required.
 - Development of UDAC PARs are untimely.
- 2.10 Request a briefing from the Public Information Manager on event media coverage.
- 2.11 Review and authorize or direct the Advisor to the County to review and authorize press releases.
- 2.12 Ensure evacuation of non-emergency response personnel from DCPD is coordinated with SLO County.
- 2.13 Authorize administration of KI to PG&E off-site emergency workers, as needed. Coordinate Field Team KI administration with the County Health Officer.

EP EF-3 (UNITS 1 AND 2)
ATTACHMENT 5.1TITLE: Recovery Manager Checklist

- 2.14 Provide, or direct a staff member to provide, periodic updates of off-site activities to the SEC.
- 2.15 Authorize emergency exposures, as needed.
- 2.16 Ensure event updates are periodically announced to EOF/UDAC 2nd Floor over the Public Address.
- 2.17 Conduct, or ensure periodic briefings are conducted with:
 - Advisor to the County
 - Engineering Liaison
 - Radiological Manager
 - Emergency Public Information Manager
- 2.18 Upon request from SLO County or Santa Barbara County for PG&E Reception and Care Monitors, direct the Radiological Manager to begin monitor call-out.

3. RECOVERY

- 3.1 De-escalate the emergency classification using the guidance in EP OR-3, "Emergency Reentry and Recovery."
- 3.2 Establish a Recovery Organization in accordance with EP OR-3, "Emergency Reentry and Recovery."

4. SHIFT TURNOVER

- 4.1 Provide shift relief with turnover of important information, turnover logs, plant status summaries, protective action summaries, activities in progress and any other information required for performance of their duties.
- 4.2 Save all checklists, Log sheets, forms, or documents generated for permanent record retention.

DIABLO CANYON POWER PLANT
EP EF-3
ATTACHMENT 5.2

1 AND 2

TITLE: Advisor to the County Checklist

1. INITIAL ACTIONS

PRINT NAME _____ DATE _____

- 1.1 Contact the Sheriff Watch Commander upon arrival and obtain copies of the following forms faxed from the Control Room or TSC.
 - DCPD Event Notification Forms.
 - Protective Action Recommendation Forms (CR/TSC).
- 1.2 If necessary, obtain from the Watch Commander the PAR 1 key for opening the EOF/JMC doors.
- 1.3 Prepare the EOF for activation and staffing:
 - 1.3.1 Unlock doors on 2nd floor of EOF.
 - 1.3.2 Turn on lights, SPDS terminals, PPC, PCs, EARS, fax and Xerox machines.
 - 1.3.3 Set PA volume in the Recovery Manager's office at setting (2) and volume controls in remaining EOF rooms at setting (5).
 - 1.3.4 Test operation of PA from the Recovery Manager's office.
- 1.4 Sign in on the Recovery Manager's sign-in board.
- 1.5 Monitor facility activation progress by ensuring minimum staff positions are being filled. Vacancies may be filled by other qualified individuals not already filling a minimum staff position.
- 1.6 Assign clerks to work areas within the EOF (Recovery Manager, EPIM Office, UDAC). If additional clerical support is needed, contact the TSC administrative advisor.
- 1.7 If the EOF is activated after normal working hours, use the "Fitness-For-Duty Call-Out Form" 69-10448, to perform FFD screening for each EOF staff members as they arrive at the EOF lobby (Security Officers may be requested to assist).
- 1.8 Using the "Observed Behavior Checklist," Form 69-13222, perform behavioral observation screening for EOF personnel that have consumed alcohol within the past 5 hours.
- 1.9 If the Recovery Manager has not arrived, declare the EOF fully activated when all processes required for the EOF are fully operational. Fully operational means that the person assigned to a position has taken over the responsibility for those duties.
- 1.10 When the SLO County EOC is declared activated, assume the role as the PG&E point of contact for requests of information & assistance from SLO County.
- 1.11 Request the Site Emergency Coordinator x3300 to notify you immediately of changes in EALs and when PARs have changed based on plant conditions.

EP EF-3 (UNITS 1 AND 2)
ATTACHMENT 5.2TITLE: Advisor to the County Checklist

- 1.12 When UDAC positions are staffed, organize a tailboard meeting in the Recovery Manager's Office to brief the management staff with the current status of the emergency. The following should attend:

- Radiological Manager
- UDAC Coordinator
- Engineering Liaison
- Emergency Public Information Manager

Ensure that tailboards occur in the UDAC, Engineering, and public information areas.

- 1.13 Upon activation of UDAC, notify the Control Room and Site Emergency Coordinator (if present) that UDAC will assume the responsibility for generating PARs based on dose. Also, advise the Control Room or SEC that notifications to the County will go through the Advisor to the County.

2. CONTINUING ACTIONS

- 2.1 If the Recovery Manager has not arrived at the EOF, whenever UDAC generates a new PAR Form, perform the following:
- 2.1.1 Phone the Site Emergency Coordinator (SEC).
 - 2.1.2 After the SEC has approved the UDAC PAR, sign the PAR Form for the SEC.
 - 2.1.3 Return the PAR Form to the UDAC Coordinator for delivery to the County Health Officer.
 - 2.1.4 Instruct the Agency Liaison to tell the TSC Liaison Advisor of the approved PAR Form.
 - 2.1.5 Immediately notify the other Advisor to the County and the SLO County Emergency Services Director of the PAR.
- 2.2 Upon the arrival of the NRC Initial Site Team, brief your NRC Co-locator in the EOC on the emergency developments, mitigating actions, and current activities. Ensure the NRC Co-locator is familiar with telephone use, information flow, and has copies of the same documents used for your position.
- 2.3 As time permits, keep a chronological Log for documenting the time of events & important actions taken. Prepare for the arrival of the Recovery Manager by maintaining current status information on the emergency.
- 2.4 Until the Recovery Manager arrives, periodically make PA announcements to brief the EOF staff with the current status of the emergency.
- 2.5 Once the Recovery Manager has arrived, periodically provide status reports to the Recovery Manager on PARs received and implemented by SLO County.

EP EF-3 (UNITS 1 AND 2)
ATTACHMENT 5.2

TITLE: Advisor to the County Checklist

- 2.6 Review and maintain copies of forms faxed to the EOF from the TSC. Develop a sequence of events.
 - 2.6.1 DCPP Event Notification Forms
 - 2.6.2 Protective Action Recommendation Forms (CR/TSC)
 - 2.6.3 Plant Status Emergency Forms
- 2.7 Periodically consult with the Engineering Liaison to determine affected plant systems and plant status.
- 2.8 Periodically consult with the Radiological Manager to determine status on the following:
 - 2.8.1 UDAC activation & staffing (i.e., operational?)
 - 2.8.2 Field Monitoring Team activities and assignments
 - 2.8.3 Pressure Ion Chamber (PIC) readings
 - 2.8.4 Off-site dose projections
 - 2.8.5 In-plant dose rates
 - 2.8.6 Issuance of KI or other emergency work protective actions by authorized SEC or the Recovery Manager.

3. SHIFT TURNOVER

- 3.1 When the Recovery Manager arrives, provide a briefing and turn-over information using the ADVISOR TO THE COUNTY/RECOVERY MANAGER TURNOVER CHECKLIST (Attachment 5.15).
- 3.2 Provide shift relief with turnover of important information, turnover logs, plant status summaries, protective action summaries, activities in progress and any other information required for performance of their duties.
- 3.3 Save all checklists, Log sheets, forms, or documents generated for permanent record retention.

DIABLO CANYON POWER PLANT
EP EF-3
ATTACHMENT 5.3

1 AND 2

TITLE: Radiological Manager Checklist

1. INITIAL ACTIONS

PRINT NAME _____ DATE _____

- 1.1 Sign in on the Recovery Manager's sign-in board.
- 1.2 Notify the Advisor to the County of your arrival.
- 1.3 Once UDAC is operational, hold a tailboard briefing with the UDAC Coordinator and Emergency Supervising Engineer to discuss the following:
- radiological release pathway
 - source term (coolant, gap, or core)
 - expected duration of release
 - plant radiation monitor readings
 - field monitoring locations & types of samples
 - wind speed & direction
 - forecasted weather
 - assumptions for dose assessment
 - PIC readings
 - radiological protections for field teams (KI, respirators, PCs)
 - SRD correction factors (To be provided to the County Health Officer by UDAC Coordinator)
- 1.4 Notify the Radiological Advisor and the Advisor to the County when UDAC is ready to assume the responsibility for off-site dose assessment and field monitoring.
- 1.5 Obtain verbal turnover from STA on dose assessment and radiological status.
- 1.6 Direct the Emergency Supervising Engineer to ensure EOF, EOC, and JMC habitability surveys are performed as necessary.
- 1.7 If dose projections are greater than 100 mrem TEDE for PAZ 8, have the ESE issue dosimetry to the EOF staff and recommend the UDAC Coordinator to issue dosimetry to the EOC.

EP EF-3 (UNITS 1 AND 2)
ATTACHMENT 5.3TITLE: Radiological Manager Checklist

2. CONTINUING ACTIONS

- 2.1 Upon the arrival of the NRC Initial Site Team, brief your NRC Co-locator (NRC Protective Measures Coordinator) on the emergency developments, mitigating actions, and current activities. Ensure the NRC Co-locator is familiar with telephone use, information flow, and has copies of the same documents used for your position.
- 2.2 Provide periodic status reports to the Recovery Manager (or to the Advisor to the County), on the following:
 - 2.2.1 Off-site monitoring activities
 - 2.2.2 Congregate Care activities
 - 2.2.3 Radiological releases and dose assessment
 - 2.2.4 Meteorological information
 - 2.2.5 Protective Action Recommendations
- 2.3 Discuss radiological assessment information with the UDAC Coordinator, as it becomes known. If a release becomes known, immediately inform the Recovery Manager or SEC.
- 2.4 Notify the Agency Liaison when a UDAC PAR Form is ready for approval. If time permits, walk with Agency Liaison into the Recovery Manager's office and brief the Recovery Manager (or the Advisor to the County) on the details of the PAR.
- 2.5 Provide radiological data to the EPIM.
- 2.6 If necessary, provide recommendations to the Recovery Manager on exceeding emergency worker dose limits and issuing KI. Refer to RB-3 for issuing KI. KI for the EOF staff is stored in the file cabinet in the RMD's office.
- 2.7 If evacuation of PAZs is anticipated, direct the Health Physics Liaison to Congregate Care to begin Monitor call-out. If no evacuation of PAZs is anticipated, direct the Health Physics Liaison to Congregate Care to call and place Monitors on stand-by.

3. SHIFT TURNOVER

- 3.1 Provide shift relief with turnover of important information, turnover logs, plant status summaries, protective action summaries, activities in progress and any other information required for performance of their duties.
- 3.2 Save all checklists, Log sheets, forms, or documents generated for permanent record retention.

DIABLO CANYON POWER PLANT
EP EF-3
ATTACHMENT 5.4

1 AND 2

TITLE: Health Physicist Checklist

1. INITIAL ACTIONS

PRINT NAME _____ DATE _____

- 1.1 Sign in on the Recovery Manager's sign-in board.
- 1.2 Contact the TSC Rad Data Processor to determine plant status and radiological conditions. Ask for a faxed copy of PEP EN-1, PLANT STATUS DATA NEED TO PERFORM EP RB-9 and EARS CALCULATIONS, or complete the PEP EN-1 form by relaying the information via phone.
- 1.3 Obtain current and forecasted meteorological data from the UDAC Meteorologist.
- 1.4 Request the TSC Radiological Advisor provide isotopic sample results, when they become known.
- 1.5 Brief the Emergency Supervising Engineer on the assumptions used for your initial dose projection.
- 1.6 Notify the Radiological Manager or Emergency Supervising Engineer when you are ready to assume the responsibility for dose assessment.

2. CONTINUING ACTIONS

- 2.1 Upon the arrival of the NRC Initial Site Team, brief your NRC Co-locator (NRC Dose Assessor and/or HP Specialist) on the emergency developments, mitigating actions, and current activities. Ensure the NRC Co-locator is familiar with telephone use, information flow, and has copies of the same documents used for your position.
- 2.2 Perform dose projection calculations using EARS. If EARS is unavailable, use Gauss version 4.0 or perform manual calculations using RB-9 and RB-11. Dose calculation updates should be performed every 15 minutes. However, if plant and MET conditions are remaining constant, projections can be made every 30 minutes.
- 2.3 Discuss results of dose calculation with the Emergency Supervising Engineer.
- 2.4 Inform the Emergency Supervising Engineer or Radiological Monitoring Director (RMD) of any plant changes that may impact field team activities.
- 2.5 Immediately inform the Radiological Manager when initially determining a release is in progress.

3. SHIFT TURNOVER

- 3.1 Provide shift relief with turnover of important information, turnover logs, plant status summaries, protective action summaries, activities in progress and any other information required for performance of their duties.
- 3.2 Save all checklists, Log sheets, forms, or documents generated for permanent record retention.

EP EF-3 (UNITS 1 AND 2)
ATTACHMENT 5.4

TITLE: Health Physicist Checklist

Radiation Monitor Trending

1. Click on WinTrend Icon and select DCPH.HP9DRILL Server. Maximum to full screen.
2. Highlight monitors for first graph (**all must have same units; e.g., cpm**) and then click the "GRAPH" button.
3. Dialog box for trend time appears. Default is back 24 hrs - Click OK.
4. Click 1 minute update button (labeled "1," next to button labeled "5"). Graphs will **not** update if you don't do this.
5. For next group to trend, select Window, then HP9DRILL.
6. **Deselect** the monitors highlighted from group 1 and highlight the monitors for group 2. Repeat steps 4 - 6.
7. When all monitors desired are in graphs, midsize all graph windows and go Windows - Tile.
8. To see any graph in detail, just maximize; midsize it to return to tile view.

Which radiation monitors do I select?

Scenario 1:	NO Release in progress, AND NO Indication of any one release path being more likely than another.		
Plant Vent:	RE-14	RE-14R	RE-87
Secondary:	RE15	RE-15R	RE-23
Containment:	RE-2	RE-30	

Scenario 2:	NO Release in progress, AND hi-rad on RE-2			
Plant Vent:	RE-14	RE-14R	RE-29	RE-87
Secondary:	RE-15			
Containment:	RE-2	RE-30	RE-31	

Scenario 3:	RE-14/14R indicate a Plant Vent release has started.				
Plant Vent:	RE-14	RE-14R	RE-29	RE-87	RE-24
Secondary:	None				
Containment:	RE-2	RE-30			
Other:	RE-34*				
* Direct measure of Containment shine:			1. shows potential for false high rdg on RE-29 2. habitability check for PV sampling.		

Scenario 4:	RE-15/15R or RE-23 indicate primary-secondary leakage.				
Plant Vent:	RE-14	RE-14R			
Secondary:	RE-71	RE-72	RE-73	RE-74	
Containment:	RE-2				

EP EF-3 (UNITS 1 AND 2)
ATTACHMENT 5.4

TITLE: Health Physicist Checklist

RADIATION MONITORING SYSTEM POWER SOURCES

<u>MONITOR</u>	<u>Name/Description</u>	<u>BUS E</u>	<u>BUS F</u>	<u>BUS G</u>	<u>BUS H</u>	<u>BUS I</u>	<u>BATTERY BACKUP</u>
Plant Vent							
R-14 (LRP)	NR Noble Gas			●			
R-14 (RDU)						●	●
R-14R (LRP)	RNR Noble Gas				●		
R-14R (RDU)						●	●
R-24 (LRP)	NR Iodine			●			
R-24 (RDU)						●	●
R-24R (LRP)	RNR Iodine				●		
R-24R (RDU)						●	●
R-28 (LRP)	NR Particulate			●			
R-28 (RDU)						●	●
R-28R (LRP)	RNR Particulate				●		
R-28R (RDU)						●	●
R-29	PV Gross Gamma				●		●
R-34	PV ALARA (PV skid area)				●		
R-87 (LRP)	Extended Range Noble Gas			●			
Secondary							
R-15 (LRP)	Condenser Air Ejector (CAE)	●					
R-15 (RDU)						●	●
R-15R (LRP)	Redundant CAE	●					
R-15R (RDU)						●	●
R-19	Steam Generator Blowdown Sample Line		●				●
R-23	Steam Generator Blowdown			●			
R-71	Main Steamline #1				●		●
R-72	Main Steamline #2				●		●
R-73	Main Steamline #3				●		●
R-74	Main Steamline #4				●		●

EP EF-3 (UNITS 1 AND 2)
ATTACHMENT 5.4

TITLE: Health Physicist Checklist

RADIATION MONITORING SYSTEM POWER SOURCES

MONITOR	Name/Description	BUS E	BUS F	BUS G	BUS H	BUS I	BATTERY BACKUP
Containment							
R-2	Low Range Area				●		●
R-7	Incore Seal Table Room				●		●
R-30	High Range Area				●		●
R-31	High Range Area			●			●
R-44A (LRP)	Containment Purge Exhaust (CPE) - Class 1E Train 'A'			●			
R-44A (RDU)				●			●
R-44B (LRP)	Containment Purge Exhaust (CPE) - Class 1E Train 'B'				●		
R-44B (RDU)					●		●
Fuel Handling Building							
R-58	Spent Fuel Pool Area			●			●
R-59	New Fuel Pit Area				●		●

NOTE 1: LRP = Local Radiation Processor; includes detector and local display.

RDU = Radiation Display Unit; this is the Control Room display.

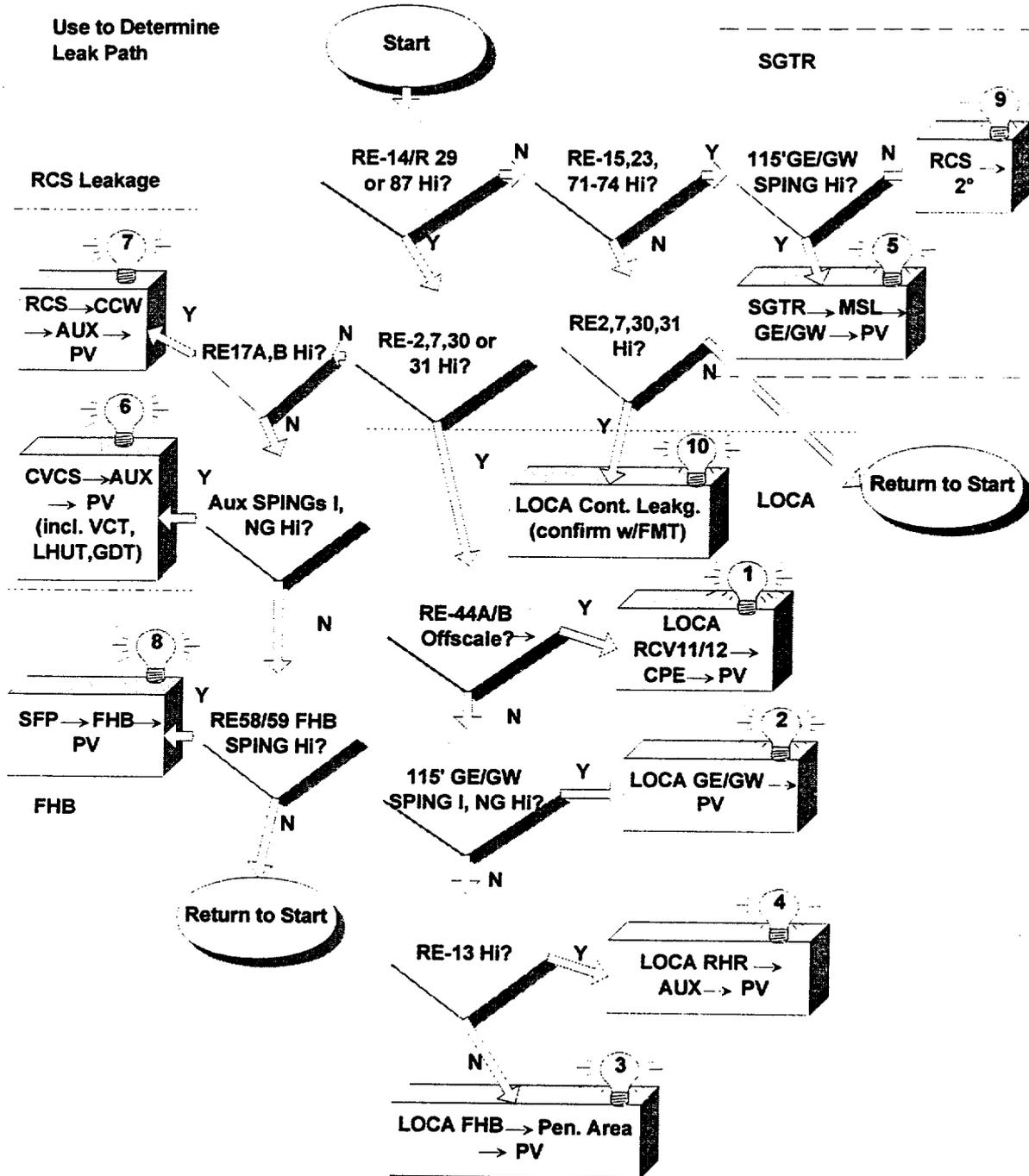
NR = Normal Range

RNR = Redundant Normal Range

NOTE 2: THERE ARE NO UNIT DIFFERENCES ON THIS TABLE

EP EF-3 (UNITS 1 AND 2)
ATTACHMENT 5.4

TITLE: Health Physicist Checklist



**DIABLO CANYON POWER PLANT
EP EF-3
ATTACHMENT 5.5**

1 AND 2

TITLE: Emergency Supervising Engineer Checklist

Step	ESE Initial Actions	✓
1	Fill out Fitness For Duty Form (if called out from home)	
2	Sign in on Recovery Manager's sign in board	
3	Report to the Radiological Manager	
4	Obtain dose projection turnover from the STA Ext: 1224 - use EOF fax for G-2 calcs	
5	To man the 2002 bridge, include the CR Liaison, TSC RX Eng, RDP Plant, and EOF HP	
6	Trend monitors to bound possible release paths if no release is in progress (RE-2,14,&15)	

Step	ESE Continuing Duties	✓																																			
1	Complete applicable parts of the ESE Data Log Sheet (optional) - as needed to facilitate dose projections <ul style="list-style-type: none"> each time there is a significant change in status and input data often enough to facilitate PARs leave unnecessary portions blank - no comment necessary 																																				
2	Make copies of the ESE Data Log Sheet (optional) and distribute (if used) <ul style="list-style-type: none"> this STEP NOT REQUIRED - it is an aid for UDAC discussion of status and input data suggested distribution is at the bottom of the fact sheet 																																				
3	Discuss the applicable radioactive release information with UDAC (this is a briefing) <ul style="list-style-type: none"> agree upon status and input data for all dose assessment programs 																																				
4	Assist the HP with input for EARS/Midas as necessary																																				
5	Assist UDAC with input for GAUSE and RASCAL as necessary																																				
6	Review each PG&E generated off-site dose calculation to verify that the dose projection is: <ul style="list-style-type: none"> consistent with known radiological data and plant status AND for 3 HOURS (or less as agreed upon by UDAC based projected termination of release) 																																				
7	SAE ECL based on site boundary 3 hr dose projection? 0.1Rem TEDE 0.5 Rem CDE GE ECL based on site boundary 3 hr dose projection? 1 Rem TEDE 5 Rem CDE (EP G-1 Attachment 7.1, "IV Release of Radioactive Material")																																				
8	Compare PIC data and FMT data to latest EARS/MIDAS run <ul style="list-style-type: none"> rule of thumb: 1.3 E-6 uCi/cc I-131 = 5 Rem CDE_{thyroid} projected 3 hour dose 																																				
9	Discuss EARS/MIDAS output with UDAC PAG = 1 Rem TEDE 5 Rem CDE <ul style="list-style-type: none"> get concurrence for next PAR input (EP RB-10 App. 7.1) 																																				
10	Verify that the Agency Liaison has all input necessary for the next PAR																																				
11	Perform EOF radiological habitability surveys as needed																																				
12	Obtain permission for KI for field teams and ERO personnel - PAG: 25 Rem CDE																																				
13	Determine the current TEDE and CDE Dose Correction Factors - see EARS TEDE plot <ul style="list-style-type: none"> ensure RMD communicates Dose Correction Factors (DCFs) to Field Monitoring Teams 																																				
	<table border="1"> <thead> <tr> <th>Source Term</th> <th>TEDE DCF No KI</th> <th>TEDE DCF With KI</th> <th>THY. DCF No KI</th> <th>THY. DCF With KI</th> </tr> </thead> <tbody> <tr> <td>CORE</td> <td>13</td> <td>5</td> <td>162</td> <td>16</td> </tr> <tr> <td>GAP</td> <td>24</td> <td>3</td> <td>515</td> <td>52</td> </tr> <tr> <td>DB RCS</td> <td>3</td> <td>1</td> <td>40</td> <td>4</td> </tr> <tr> <td>SG Normal</td> <td>1</td> <td>1</td> <td>4</td> <td>0.4</td> </tr> <tr> <td>SG Empty</td> <td>3</td> <td>1</td> <td>40</td> <td>4</td> </tr> <tr> <td>SG Flooded</td> <td>15</td> <td>2</td> <td>285</td> <td>29</td> </tr> </tbody> </table>	Source Term	TEDE DCF No KI	TEDE DCF With KI	THY. DCF No KI	THY. DCF With KI	CORE	13	5	162	16	GAP	24	3	515	52	DB RCS	3	1	40	4	SG Normal	1	1	4	0.4	SG Empty	3	1	40	4	SG Flooded	15	2	285	29	
Source Term	TEDE DCF No KI	TEDE DCF With KI	THY. DCF No KI	THY. DCF With KI																																	
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EP EF-3 (UNITS 1 AND 2)
ATTACHMENT 5.5

TITLE: Emergency Supervising Engineer Checklist

ESE Data Log Sheet (Optional)

Emergency Supervising Engineer's Name				Initials		Date	
Emergency Classification	Alert	SAE	GE	declared at:	:	ESE Fact Sheet time: : working on PAR #: : Next PAR due: :	
(circle one)							
Reactor power:	:	%	(or) shutdown				
Start of Release:	:						
EARS run number: _____							

Source Term:	Core:	%
	Gap:	%
	Coolant (circle if applicable)	

Release Pathway: (fill in values or circle as applicable) min. 4E5 lbm/hr gpm x 500 = lbm/hr Note: This data is for EARS / Quickdose input use "0" cmtt spray pumps for RHR seal leakage into aux bldg regardless of how many are actually running	Atmos. Steam Dumping ... • Safety: #1 #2 #3 #4 #5 • 10% dump: _____ % Open (or) Shut • FM 5_2: _____ lbm/hr • PriSec: _____ gpm _____ lbm/hr S/G level: flooded normal empty Plant Vent... • Aux bldg fan: E-1 E-2 • FHB fan: E-4 E-5 E-6 • FM 12: _____ cfm • Ge/Gw: On Off (unfiltered) Charcoal filters: Yes No Cmtt Spray pumps: 0 1 2 Containment Leakage
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Radiation Monitors: (fill in the applicable values)	RM-71	cpm	:
	RM-72	cpm	:
	RM-73	cpm	:
	RM-74	cpm	:
	RM-15/15R	cpm	:
	RM-19	cpm	:
	RM-23	cpm	:
	RM-14/14R (NG)	uCi/cc	:
	RM-87 (NG-High)		:
	RM-24/24R (Iod)	uCi/cc	:
	RM-28/28R(Part)	uCi/cc	:
	RM-29 (NG-Altrnt)	mr/hr	:
	RM-34	mr/hr	:
	RM-44A/44B	cpm	:
	RM-30	R/hr	:

Wind direction	(wind is from) _____ °
Wind Speed	m/sec x 2.2 = _____ mph
Vert. Stability	A B C D E F G (1 2 3 4 5 6 7)
Hor. Stability	A B C D E F G (1 2 3 4 5 6 7)
Precipitation	Yes No

PICs:	Shooting Range	mr/hr
		mr/hr
		mr/hr
		mr/hr

Team	Location	KI ?		Iodine (uCi/cc)	GA (mr/hr)	TEDE DCF:	CDE DCF:
		Yes	No			Comments:	
Alpha		Yes	No				
Bravo		Yes	No				
Charlie		Yes	No				
Runner		Yes	No				
UDAC	EOF	Yes	No				

PAGs:	Evacuation/Shelter: 1 Rem TEDE 5 Rem CDE	Administer KI: 25 Rem CDE
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- Copies to: Health Physicist (HP)
 Radiological Monitoring Director (RMD)
 UDAC table (3)
 UDAC Coordinator
 Radiological Manager (RM)

EP EF-3 (UNITS 1 AND 2)
ATTACHMENT 5.5

TITLE: Emergency Supervising Engineer Checklist

Radiation Monitor Trending

1. Click on WinTrend icon and select DCPD.HP9DRILL Server. Maximize to full screen.
2. Highlight monitors for first graph (**all must have same units; e.g., cpm**) and then click the "GRAPH" button.
3. Dialog box for trend time appears. Default is back 24 hrs - Click OK
4. Click 1-minute update button (labeled "1," next to button labeled "5"). Graphs will not update if you don't do this.
5. For next group to trend, select Window, then HP9DRILL.
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8. To see any graph in detail, just maximize; midsize it to return to the view.

Which radiation monitors do I select?

Scenario 1:	NO Release in progress, AND NO Indication of any one release path being more likely than another.		
Plant Vent:	RE-14	RE-14R	RE-87
Secondary:	RE15	RE-15R	RE-23
Containment:	RE-2	RE-30	

Scenario 2:	NO Release in progress, AND hi-rad on RE-2			
Plant Vent:	RE-14	RE-14R	RE-29	RE-87
Secondary:	RE-15			
Containment:	RE-2	RE-30	RE-31	

Scenario 3:	RE-14/14R indicate a Plant Vent release has started.				
Plant Vent:	RE-14	RE-14R	RE-29	RE-87	RE-24
Secondary:	None				
Containment:	RE-2	RE-30			
Other:	RE-34*				
* Direct measure of Containment shine:	1. shows potential for false high rdg on RE-29 2. habitability check for PV sampling.				

Scenario 4:	RE-15/15R or RE-23 indicate primary-secondary leakage.			
Plant Vent:	RE-14	RE-14R		
Secondary:	RE-71	RE-72	RE-73	RE-74
Containment:	RE-2			

EP EF-3 (UNITS 1 AND 2)
ATTACHMENT 5.5

TITLE: Emergency Supervising Engineer Checklist

RADIATION MONITORING SYSTEM POWER SOURCES

<u>MONITOR</u>	<u>Name/Description</u>	<u>BUS E</u>	<u>BUS F</u>	<u>BUS G</u>	<u>BUS H</u>	<u>BUS I</u>	<u>BATTERY BACKUP</u>
Plant Vent							
R-14 (LRP)	NR Noble Gas			●			
R-14 (RDU)						●	●
R-14R (LRP)	RNR Noble Gas				●		
R-14R (RDU)						●	●
R-24 (LRP)	NR Iodine			●			
R-24 (RDU)						●	●
R-24R (LRP)	RNR Iodine				●		
R-24R (RDU)						●	●
R-28 (LRP)	NR Particulate			●			
R-28 (RDU)						●	●
R-28R (LRP)	RNR Particulate				●		
R-28R (RDU)						●	●
R-29	PV Gross Gamma				●		●
R-34	PV ALARA (PV skid area)				●		
R-87 (LRP)	Extended Range Noble Gas			●			
Secondary							
R-15 (LRP)	Condenser Air Ejector (CAE)	●					
R-15 (RDU)						●	●
R-15R (LRP)	Redundant CAE	●					
R-15R (RDU)						●	●
R-19	Steam Generator Blowdown Sample Line		●				●
R-23	Steam Generator Blowdown			●			
R-71	Main Steamline #1				●		●
R-72	Main Steamline #2				●		●
R-73	Main Steamline #3				●		●
R-74	Main Steamline #4				●		●

EP EF-3 (UNITS 1 AND 2)
ATTACHMENT 5.5

TITLE: Emergency Supervising Engineer Checklist

RADIATION MONITORING SYSTEM POWER SOURCES

<u>MONITOR</u>	<u>Name/Description</u>	<u>BUS E</u>	<u>BUS F</u>	<u>BUS G</u>	<u>BUS H</u>	<u>BUS I</u>	<u>BATTERY BACKUP</u>
Containment							
R-2	Low Range Area				●		●
R-7	Incore Seal Table Room				●		●
R-30	High Range Area				●		●
R-31	High Range Area			●			●
R-44A (LRP)	Containment Purge Exhaust (CPE) - Class 1E Train 'A'			●			
R-44A (RDU)				●			●
R-44B (LRP)	Containment Purge Exhaust (CPE) - Class 1E Train 'B'				●		
R-44B (RDU)					●		●
Fuel Handling Building							
R-58	Spent Fuel Pool Area			●			●
R-59	New Fuel Pit Area				●		●

NOTE 1: LRP = Local Radiation Processor; includes detector and local display.

RDU = Radiation Display Unit; this is the Control Room display.

NR = Normal Range

RNR = Redundant Normal Range

NOTE 2: THERE ARE NO UNIT DIFFERENCES ON THIS TABLE.

DIABLO CANYON POWER PLANT
EP EF-3
ATTACHMENT 5.6

1 ^{AND} 2

TITLE: Radiological Monitoring Director Checklist

1. INITIAL ACTIONS

PRINT NAME _____ DATE _____

- 1.1 Sign in on the Recovery Manager's sign-in board.
- 1.2 Determine the following information from the Emergency Supervising Engineer or from the Health Physicist:
 - 1.2.1 type of accident (source term)
 - 1.2.2 release rate
 - 1.2.3 projected off-site dose
 - 1.2.4 wind speed and direction
 - 1.2.5 dose correction factor (DCF)
- 1.3 Contact the Radiological Manager to determine the following:
 - 1.3.1 initial field monitoring locations
 - 1.3.2 types of samples to be collected
 - 1.3.3 turnback dose rates
 - 1.3.4 dose limits
 - 1.3.5 requirements for respiratory protection i.e. respirators
 - 1.3.6 requirements for protective clothing
 - 1.3.7 special instructions for Field Monitoring Teams
 - 1.3.8 requirements for KI
- 1.4 Establish contact with the Field Monitoring Teams and the Off-site Environmental Lab.
- 1.5 Brief the Field Monitoring Teams and Field Team Runner on the following:

<ul style="list-style-type: none"> • plant status • type of accident (source term) • release rate • projected off-site dose • wind speed and direction • monitoring locations • requirements for KI 	<ul style="list-style-type: none"> • types of samples to be collected • turnback dose rates • dose limits • requirements for respiratory protection i.e. respirators • requirements for protective clothing • special instructions for Field Monitoring Teams
--	---

EP EF-3 (UNITS 1 AND 2)
ATTACHMENT 5.6

TITLE: Radiological Monitoring Director Checklist

2. CONTINUING ACTIONS

- 2.1 Upon the arrival of the NRC Initial Site Team, brief your NRC Co-locator (NRC Environmental Dose Assessment Coordinator) on the emergency developments, mitigating actions, and current activities. Ensure the NRC Co-locator is familiar with telephone use, information flow, and has copies of the same documents used for your position.
- 2.2 Maintain radio contact with FMTs.
- 2.3 Coordinate PG&E monitoring activities with the Federal, State, County or other non-PG&E FMTs.
- 2.4 Periodically provide information on current FMT activities to the ESE.
- 2.5 Record field survey data reported by FMTs and provide results to the ESE.
- 2.6 Periodically request instructions from the ESE regarding protective measures for FMTs.
- 2.7 Update field teams on event status, release information, turnback dose rates, and weather conditions whenever there is a change in conditions or at least once per hour.
- 2.8 Update field teams on changes to instructions from the Radiological Manager or ESE.
- 2.9 Using Attachment 5.16, track FMT exposures for each team member. Convert SRD reading to TEDE and Thyroid CDE, based on DCFs provided by the ESE. Notify the ESE, Radiological Manager, or UDAC Coordinator if an individual approaches a dose limit.
- 2.10 Upon receiving FMT self-reading dosimeter (SRD) readings, promptly relay dose information to the UDAC Coordinator or, if unavailable, phone the accumulated dose for County FMT members to the Emergency Worker Exposure Control (EWEC) desk [ph: 781-4452 or 781-4454].
- 2.11 Communicate approved protective actions to team members if needed (e.g., KI, evacuation)
- Consult with the ESE when directing FMTs to their next monitoring location. Consider the following when determining the next location:
- radiological conditions
 - dose rates, terrain, and available routes to next location
 - locations of other teams
 - monitoring needs
 - wind speed and direction
 - population centers
- 2.12 Update maps with current field team locations as needed.

3. SHIFT TURNOVER

- 3.1 Provide shift relief with turnover of important information, turnover logs, plant status summaries, protective action summaries, activities in progress and any other information required for performance of their duties.
- 3.2 Save all checklists, Log sheets, forms, or documents generated for permanent record retention.

DIABLO CANYON POWER PLANT
EP EF-3
ATTACHMENT 5.7

1 AND 2

TITLE: UDAC Meteorologist Checklist

1. INITIAL ACTIONS

PRINT NAME _____ DATE _____

- 1.1 Sign in on the Recovery Manager's sign-in board.
- 1.2 Activate the Meteorology data terminals located in UDAC.
- 1.3 Contact the General Office Meteorologist (5AM-3PM) and unit supervisor (all times) and coordinate all meteorological activities.
 - 1.3.1 Unit supervisor activates the General Office Meteorological support unit.
- 1.4 Contact the National Weather Forecast Office (NOAA) and obtain local and regional forecasts
 - Monterey 1-408-656-1717 (back-up)
 - Oxnard 1-805-988-6618 (primary)
 - Portland 1-503-326-3720 (back-up)
- 1.5 Obtain supplementary climate and meteorological information from the following sources:
 - 1.5.1 PG&E Forecast Office [1-415-973-3224 or 3223.]

2. CONTINUING ACTIONS

- 2.1 Brief Radiological Manager and UDAC staff on current and forecast weather conditions.
- 2.2 Provide meteorological updates to the Health Physicist at least every 15 minutes.
- 2.3 Maintain meteorological sections of status boards in UDAC and the EOC Command Room.
- 2.4 Periodically brief the following or as conditions change:
 - Recovery Manager
 - County Emergency Services Director

3. SHIFT TURNOVER

- 3.1 Provide shift relief with turnover of important information, turnover logs, plant status summaries, protective action summaries, activities in progress and any other information required for performance of their duties.
- 3.2 Save all checklists, Log sheets, forms, or documents generated for permanent record retention.

DIABLO CANYON POWER PLANT
EP EF-3
ATTACHMENT 5.8

1 AND 2

TITLE: Engineering Liaison Checklist

1. INITIAL ACTIONS

PRINT NAME _____ DATE _____

- 1.1 Sign in on the Recovery Manager's sign-in board.
- 1.2 If, necessary turn-on the PPC & SPDS computer terminals.
- 1.3 Notify the Advisor to the County of your arrival.
- 1.4 Prepare for a Recovery Manager staff meeting by maintaining current information on plant status and efforts to recover the plant.
- 1.5 Contact the TSC Engineering Advisor [x3495] & obtain current plant status information
- 1.6 Collect copies of plant status forms faxed to the EOF & review to determine a sequence of events (forms are faxed to the UDAC to the County Clerk for distribution)
 - 1.6.1 EP G-3, PLANT STATUS FORM
- 1.7 If time permits, dial into the Engineering Bridge [x2002] to listen for real time plant parameters.
- 1.8 Establish contact with INPO. Advise the Recovery Manager if INPO support in the EOF is recommended.

2. CONTINUING ACTIONS

- 2.1 Upon the arrival of the NRC Initial Site Team, brief your NRC Co-locator (NRC Reactor Safety Coordinator) on the emergency developments, mitigating actions, and current activities. Ensure the NRC Co-locator is familiar with telephone use, information flow, and has copies of the same documents used for your position.
- 2.2 As time permits, keep a chronological Log for documenting the time of events & important actions taken.
- 2.3 Monitor current plant parameters using the PPC, SPDS, Plant Status Emergency Forms, and information communicated on the Engineering Bridge.
- 2.4 When requested by the Recovery Manager or the TSC Engineering Advisor, contact additional engineering NPG personnel to provide specific technical expertise.
- 2.5 Update INPO representative with major developments.

3. SHIFT TURNOVER

- 3.1 Provide shift relief with turnover of important information, turnover logs, plant status summaries, protective action summaries, activities in progress and any other information required for performance of their duties.
- 3.2 Save all checklists, Log sheets, forms, or documents generated for permanent record retention.

DIABLO CANYON POWER PLANT
EP EF-3
ATTACHMENT 5.9

1 ^{AND} 2

TITLE: Agency Liaison Checklist

1. INITIAL ACTIONS

PRINT NAME _____ DATE _____

- 1.1 Sign in on the Recovery Manager's sign-in board.
- 1.2 Notify the Advisor to the County of your arrival and
- 1.3 review all notifications and PARs that have been issued to SLO County.
- 1.4 Notify the UDAC Clerk that you are to immediately receive copies for all notifications and PARs received by fax.
- 1.5 Establish contact with either the Control Room or the TSC Liaison Advisor.
- 1.6 If SLO County EOC is not activated, notify the Control Room or the TSC Liaison Advisor to
 - 1.6.1 Discontinue calling/faxing the Sheriffs Watch Commander
 - 1.6.2 Make phone notifications and PARs to the Advisor to the County and fax them to the UDAC
- 1.7 If the SLO County EOC is activated,
 - 1.7.1 Assume the responsibility for routing PAR Forms approved by the SEC to the UDAC Coordinator for review and signature.
- 1.8 Upon UDAC activation
 - 1.8.1 Notify either the Control Room or the TSC Liaison Advisor that you are assuming responsibility for issuing PAR Forms, and faxing PARs to the TSC.
 - 1.8.2 Prepare UDAC PARs and notifications.
 - 1.8.3 Notify the SEC or Recovery Manager when PAR/Notification is ready for review and approval.

EP EF-3 (UNITS 1 AND 2)
ATTACHMENT 5.9TITLE: Agency Liaison Checklist

2. CONTINUING ACTIONS

- 2.1 Route PAR Forms generated by UDAC staff to the UDAC Coordinator for final review and signature; then obtain the Recovery Manager or the Advisor to the County signature. As a minimum, follow-up PAR Forms should be issued approximately every 30 minutes.
- 2.2 Maintain contact with the Advisor to the County, UDAC Coordinator, UDAC Clerk to track event notifications and PARs.
- 2.3 Periodically check with the UDAC Clerk and UDAC fax machine for notifications and PARs received by UDAC.
- 2.4 Make the following notifications:
- County
 - State OES
 - NRC
 - Coast Guard (if required per EP G-3)
- 2.5 PHONE ENF and PAR information to the County (unless otherwise directed by the Advisor to the County), State OES, NRC.
- NOTE:** 15 minute time limit for classification level or PAR changes to the County and State, otherwise approximately 1/2 hour updates to each.
- 2.6 FAX ENFs and PARs to the State OES until they are present at the EOF.
FAX ENFs and PARs to the NRC throughout the event.

3. SHIFT TURNOVER

- 3.1 Provide shift relief with turnover of important information, turnover logs, plant status summaries, protective action summaries, activities in progress and any other information required for performance of their duties.
- 3.2 Save all checklists, Log sheets, forms, or documents generated for permanent record retention.

DIABLO CANYON POWER PLANT
EP EF-3
ATTACHMENT 5.10

1 AND 2

TITLE: Health Physics Liaison to Congregate Care Checklist

1. INITIAL ACTIONS

PRINT NAME _____ DATE _____

- 1.1 Sign in on the Recovery Manager's sign-in board.
- 1.2 When directed by the Radiological Manager, notify the Monitors to standby or activate. Monitors are listed in the NERC.
- 1.3 Contact the Regional Coordinator and request transportation of Portable Portal Monitoring equipment to Congregate Care Centers (see NERC for phone number).
- 1.4 Provide assistance to other UDAC staff as necessary.

2. CONTINUING ACTIONS

- 2.1 Coordinate requests for additional personnel or equipment through the Regional Coordinator.
- 2.2 Dispatch monitors as directed by the Radiological Manager.

3. SHIFT TURNOVER

- 3.1 Provide shift relief with turnover of important information, turnover logs, plant status summaries, protective action summaries, activities in progress and any other information required for performance of their duties.
- 3.2 Save all checklists, Log sheets, forms, or documents generated for permanent record retention.



DIABLO CANYON POWER PLANT
EP EF-3
ATTACHMENT 5.11

1 AND 2

TITLE: Emergency Public Information Manager Checklist

NOTIFICATION OF UNUSUAL EVENT

PRINT NAME _____ DATE _____

NOTE: The San Luis Obispo County JMC will not be activated for a Notification of Unusual Event.

- 1. Receive event notification from the Control Room
- 2. If the notification occurs outside of normal working hours, provide information to the Shift Supervisor regarding your current and long term Fitness for Duty including any consumption of alcohol during the previous five hours.
- 3. Determine from the Control Room the following information:
 - a. Emergency classification.
 - b. Plant status information.
 - c. Nature of any protective action recommendations made to the county.
 - d. Potential for plant release of radioactive materials.
 - e. Special instructions from the Interim Site Emergency Coordinator for the departmental emergency response effort.
- 4. Notify the Company News Department of the emergency response effort.
- 5. Prepare or direct the preparation of news releases and/or standby statements from the information provided by the Interim Site Emergency Coordinator (ISEC).
- 6. Periodically distribute approved news releases. See Attachment 5.12, "EPIM News Release Preparation Checklist."
- 7. Determine if news media notice of the Notification of Unusual Event needs to be disseminated beyond San Luis Obispo County or Humboldt County, as appropriate.

EP EF-3 (UNITS 1 AND 2)
ATTACHMENT 5.11

TITLE: Emergency Public Information Manager Checklist

ALERT, SITE AREA EMERGENCY, OR GENERAL EMERGENCY

IN ADDITION TO COMPLETING ACTIONS IDENTIFIED FOR UNUSUAL EVENT,

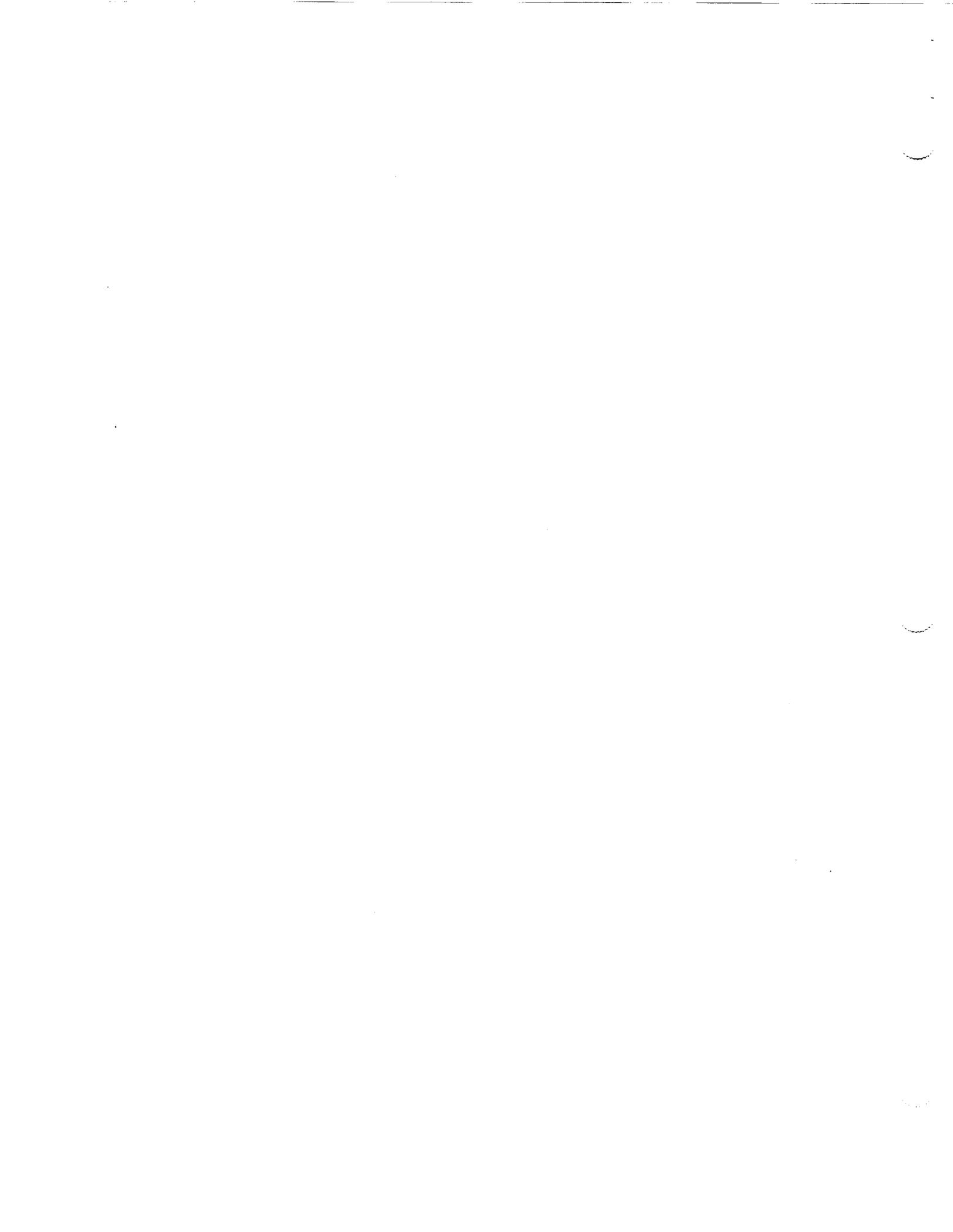
- 1. Receive event notification from the Control room.
- 2. Proceed immediately to the EOF. Enroute contact the SF News Department to advise them of the emergency.
- 3. If after hours, complete a Fitness for Duty form (available at the top of the stairs at the EOF) and give it to the Advisor to the County.
- 4. Sign in on the Recovery Manager's sign in board. Notify the Recovery Manager (or Advisor to the County if the Recovery Manager has not arrived at the EOF) of your arrival.
- 5. Go to EPIM office and turn on all computers and printers.
- 6. Obtain faxed copy of the DCPD Event Notification Form from the fax machine in the EPIM's office. Confer with the ISEC, Advisor to the County or the TA, SEC, RM or the RMs designated alternates, if necessary, to clarify any questions about the content of the event notification form. (If the Event Notification Form is not in the fax machine check with the Advisor to the county or the RM).
- 7. Prepare and distribute to the media an initial news release based upon the information contained in the DCPD Event Notification Form. Use the fax group lists 06,07,08 on the SEND fax machine in the EPIM's office.
- 8. Ensure that the initial news release has been forwarded to the county Public Information Coordinator within two hours after declaration of an event classified as an "Alert" or higher emergency classification.
- 9. Determine assignments of additional News Department personnel and Technical Advisors.
- 10. Prepare or direct the preparation of news releases and/or standby statements from the information provided by the Interim Site Emergency Coordinator (ISEC), Site Emergency Coordinator (SEC) or Recovery Manager (RM) or their designated alternates. Coordinate all company news releases with the Technical Advisor to the Emergency Public Information Manager and county Public Information Manager, if available, before issuing.
- 11. Receive release approval from SEC/RM(or the RMs alternate) for ALL news releases. If you have difficulties contacting the SEC for news release/bulletin approval, go to the Advisor to the County for help. Directions for using the news templates and E-mail service are posted on the computers. Fax and E-Mail news releases to the JMC and other facilities.
- 12. Periodically distribute approved news releases. See Attachment 5.12, "EPIM News Release Preparation Checklist."
- 13. Log all news media inquiries on Attachment 5.21, "Record of News Media Inquiries," or delegate to EOF Clerical Assistant.
- 14. Ensure continuous 24-hour emergency response operations.

EP EF-3 (UNITS 1 AND 2)
ATTACHMENT 5.11TITLE: Emergency Public Information Manager Checklist

15. Monitor Emergency Alert System (EAS) broadcasts.

ALERT, SITE AREA EMERGENCY, OR GENERAL EMERGENCY (continued)

16. Log all incoming and outgoing communications related to the emergency response effort and maintain a written record of emergency response activities using the "Emergency Communications and Activities Log Sheet," or delegate to Clerical Assistant.
- NOTE 1:** Completed log sheets should be forwarded to Emergency Planning, DCP, 119/2/247 for permanent retention.
- NOTE 2:** If evacuation is ordered by competent authority, include a statement in the next news release that instructs evacuees to keep any lodging/travel receipts to streamline the compensation process if they prove eligible.
17. As events develop, provide the JMC Director/JMC Manager with (RM approved) bulletin-form printed information or telephone updates limited to event developments that occur between news releases or to answer event-related questions from the media at the JMC.
18. When requested by the Recovery Manager, provide a briefing summary of news events that includes at a minimum:
- a. JMC status
 - b. Questions from the media
 - c. Numbers and summary of press releases issued
 - d. Any interview requests
19. Upon the arrival of the NRC Initial Site Team, brief your NRC Co-locator (NRC Public Affairs Coordinator) on the emergency developments, mitigating actions, and current activities. Ensure the NRC Co-locator is familiar with telephone use, information flow, and has copies of the same documents used for your position.
20. When requested by the JMC Director, coordinate with the EOF Radiological Manager to provide knowledgeable health physics personnel to go to the JMC and provide information regarding radiological conditions.
21. Request authorization from the Site Emergency Coordinator and Recovery Manager for any news media visits to the plant site.
22. Coordinate all SEC approved news media visits to the plant site.
23. Upon direction by the Recovery Manager, deactivate the news department emergency response effort.



DIABLO CANYON POWER PLANT
EP EF-3
ATTACHMENT 5.12

1 AND 2

TITLE: EPIM News Release Preparation Checklist

- 1. When notified, use templates to assemble information from the event notification form for initial news release . All releases shall be numbered beginning with #1 and dated properly.
- 2. Include basic information about the incident which may include: whether there have been any injuries, releases of radioactive materials, what is being done to solve the problem, that further information will be made available as soon as possible and where to call for further information.
NOTE: All subsequent news releases, after initial declaration of emergency classification, may include:
 - a. Chronological history of event.
 - b. Brief summary of what is being done to control or end the emergency.
 - c. Update on any radiological releases.
 - d. As events in an emergency quickly develop, the use of approved bulletins may be appropriate to update the media between scheduled news releases. Bulletins should be limited to confirmed event developments and must have at least verbal approval from the Recovery Manager. Bulletins should be numbered sequentially and dated. The EOF copy should be initialed by the EPIM before release.
- 3. Get approval of all news releases and bulletins by appropriate authorities. (**SITE EMERGENCY COORDINATOR , RECOVERY MANAGER or the RMs designated alternates – have them sign and time the original EOF copy to be retained at EOF, clean copy sent to JMC**)
- 4. After receiving approval, contact wire services (AP and UPI) and local media, beginning with radio and television and then print outlets (Group dial #07, 08, then 06). Phone and FAX numbers for all media are also available in Attachment 5.20.
- 5. Prepare next news release or bulletin as soon as first news release is completed and distributed. Include sequence of events and any new information that is available. News releases should be distributed to: (delegate this task to EPIM Clerical Assistant)
 - a. Recovery Manager/Advisor to the County
 - b. County Public Information Officer (PIO) at the JMC
 - c. County Public Information Manager at EOC command
 - d. County Public Information Coordinator at the EOC PIO room.
 - e. Joint Media Center
 - f. EOF Radiological Manager
 - g. UDAC
 - h. San Francisco News Department**NOTE:** Coordinate all subsequent news releases with the County PIM before issuing to the media. Distribution to media of approved news releases will also be made in San Francisco at the San Francisco Media Center.
- 6. Update Diablo status telephone line 805/546-5292.
- 7. Post all news releases and bulletins in the EPIM Office.



DIABLO CANYON POWER PLANT
EP EF-3
ATTACHMENT 5.13

1 ^{AND} 2

TITLE: Assistant Emergency Public Information Manager Checklist

This position is filled by a second Emergency Public Information Manager upon arrival at the Emergency Operations Facility in San Luis Obispo.

PRINT NAME _____ **DATE** _____

- 1. Receive Event Notification from the plant that the EOF/JMC is to be activated.
- 2. Proceed to the EOF complete a Fitness for Duty form.
- 3. Upon arrival at the EOF, inform the Emergency Public Information Manager and Advisor to the County of your presence.
- 4. Sign in on the Recovery Managers sign-in board.
- 5. Assist the Emergency Public Information Manager in the preparation of news releases and bulletins, or proceed to the JMC to serve as JMC Director if directed by EPIM.
- 6. Operate the E-Mail computer system at the Emergency Operations Facility.
- 7. Act as a liaison between the EPIM and the county PIM regarding press releases.
- 8. Log all incoming and outgoing communications related to the emergency response effort and maintain a written record of emergency response activities.
NOTE: Completed log sheets should be forwarded to Emergency Planning, DCP, 119/2/247, for permanent retention.
- 9. Monitor Emergency Alert System stations.
- 10. Update Diablo status telephone line 805/546-5292 number as needed.



DIABLO CANYON POWER PLANT
EP EF-3
ATTACHMENT 5.14

1 AND 2

TITLE: Technical Advisor to the EPIM Checklist

PRINT NAME _____ **DATE** _____

- 1. Receive event notification from the plant that the EOF/JMC is to be activated.
- 2. Proceed to the EOF.

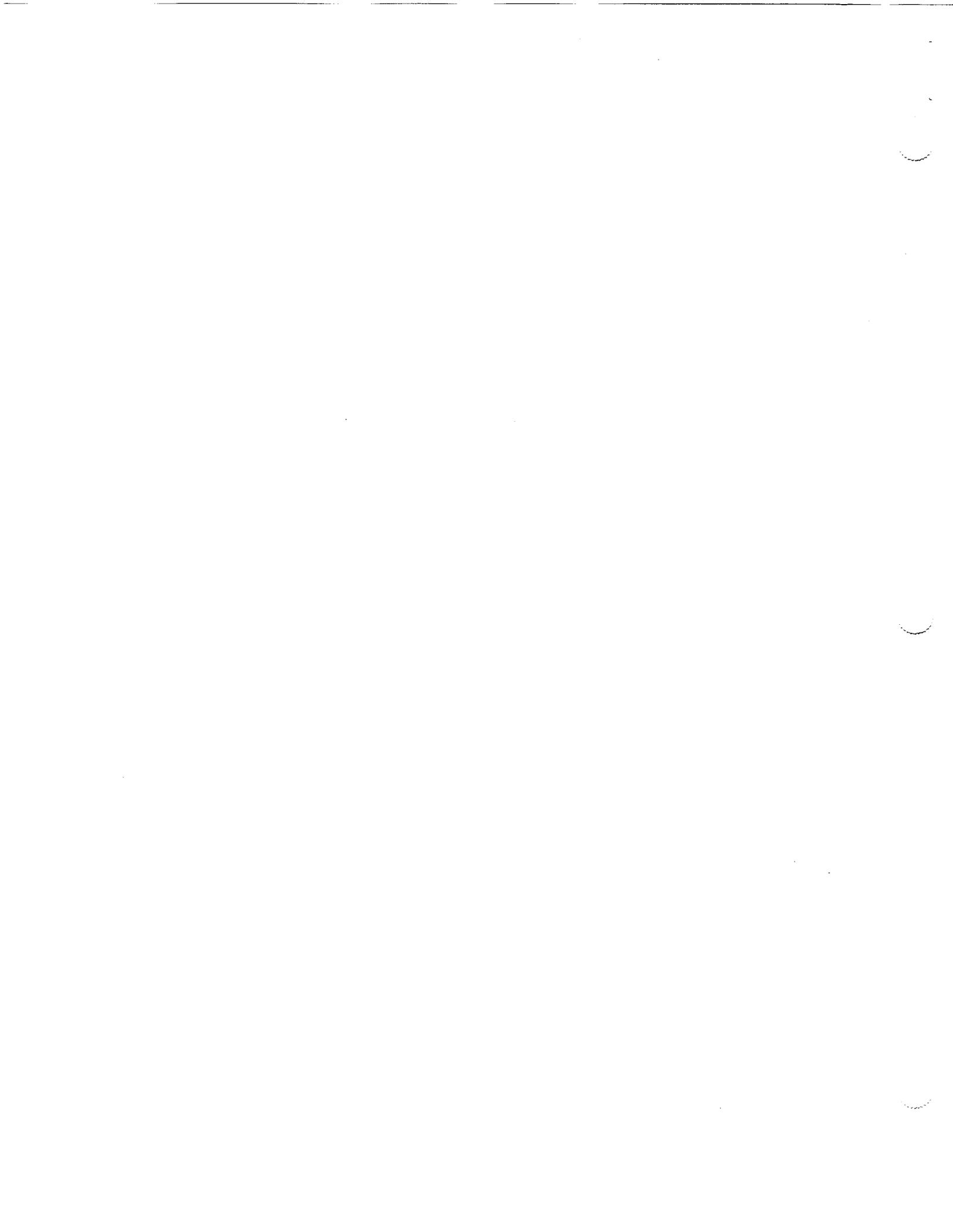
AT EOF

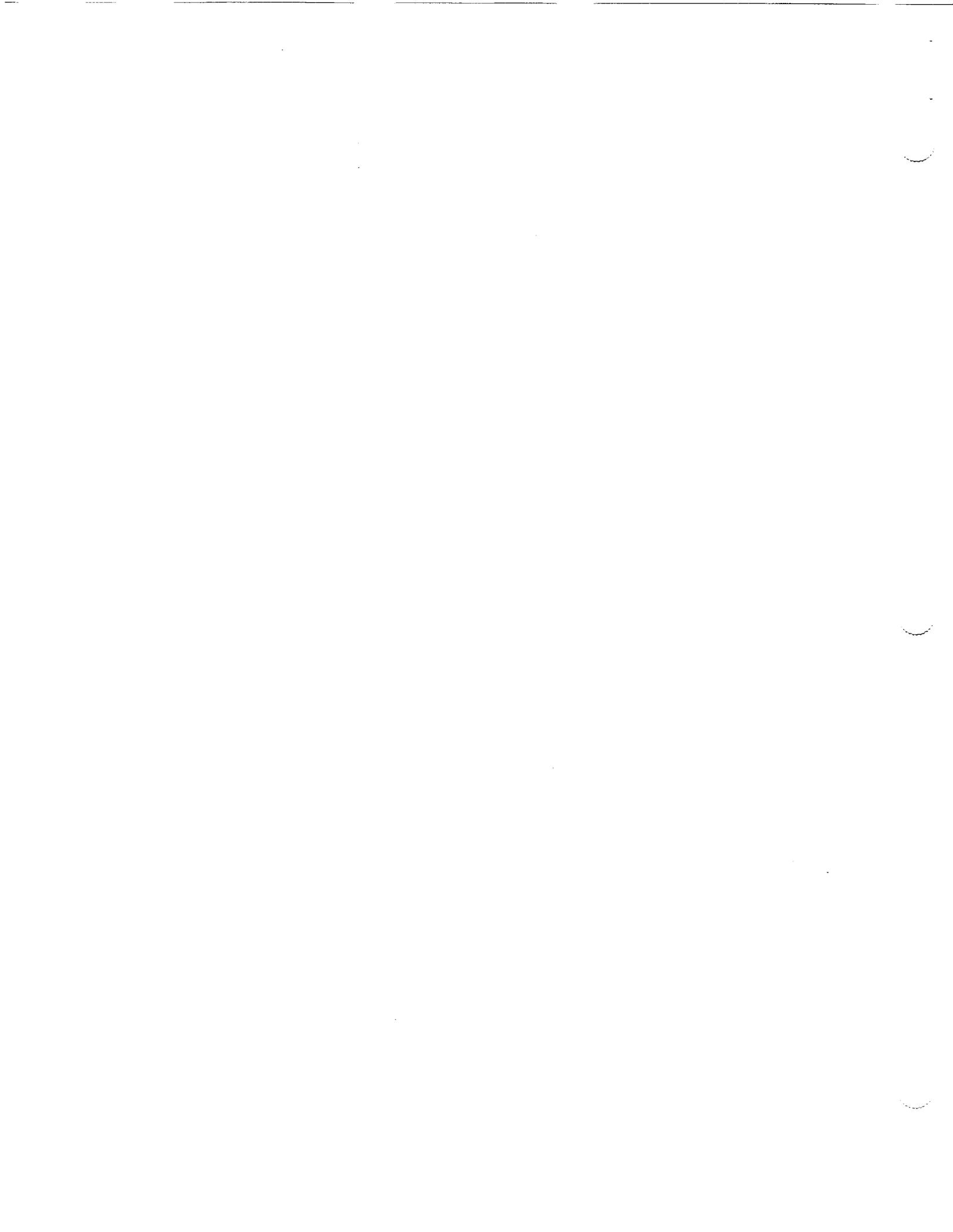
- 1. Upon arrival at the EOF, inform the Emergency Public Information Manager and Advisor to the County of your presence.
- 2. Receive directions from the EPIM on whether to report to the JMC or stay at EOF.
- 3. If staying at the EOF sign in on the Recovery Managers sign-in board.
- 4. Assist the Emergency Public Information Manager to ensure the technical accuracy of news releases and statements.
- 5. Clarify technical information for county public information personnel if requested.
- 6. Log all incoming and outgoing communications related to the emergency response effort and maintain a written record of emergency response activities.

AT JMC

- 1. Sign in on sign-in board.
- 2. Assist the JMC Director or EPIM to ensure news release information is correct.
- 3. Clarify technical information for county public information personnel, if requested.
- 4. Log all communications and maintain a written record of emergency response activities.

NOTE: Completed log sheets should be forwarded Emergency Planning, DCP, 119/2/247 for permanent retention.





**DIABLO CANYON POWER PLANT
EP EF-3
ATTACHMENT 5.16**

1 AND 2

TITLE: Field Monitoring Team Exposure Tracking Sheet

SRD Dose Conversion Factors

Source Term	TEDE DCF No KI	TEDE DCF With KI	THY. DCF No KI	THY. DCF With KI
CORE	13	5	162	16
GAP	24	3	515	52
DB RCS	3	1	40	4
SG Normal	1	1	4	0.4
SG Empty	3	1	40	4
SG Flooded	15	2	285	29

Use the tables above and below to convert PIC readings to Dose.

- 1) Record the time and readings for both the high and low range PICs.
- 2) Multiply by the dose conversion factors (DCFs). If the source term changes, use the new DCF multiplier.
- 3) If a PIC is re-zeroed, circle the last TEDE and Thyroid CDE values and add the circled values to determine the Cumulative TEDE and Thyroid CDE.
- 4) Refer to EP RB-2 for emergency worker PAGs.

FMT:			Name of Individual:					
Time Reported	Only use highest onscale PIC reading.		See table above.				Only necessary when PIC is re-zeroed.	
	Low Range PIC (mR)	High Range PIC* (Roëntgen)	TEDE DCF	Thyroid CDE DCF	TEDE (mrem)	Thyroid CDE (mrem)	Cumulative TEDE (mrem)	Cumulative Thyroid CDE (mrem)

FMT:			Name of Individual:					
Time Reported	Only use highest onscale PIC reading.		See table above.				Only necessary when PIC is re-zeroed.	
	Low Range PIC (mR)	High Range PIC* (Roëntgen)	TEDE DCF	Thyroid CDE DCF	TEDE (mrem)	Thyroid CDE (mrem)	Cumulative TEDE (mrem)	Cumulative Thyroid CDE (mrem)

EP EF-3 (UNITS 1 AND 2)
ATTACHMENT 5.16

TITLE: Field Monitoring Team Exposure Tracking Sheet

FMT:			Name of Individual:					
	Only use highest onscale PIC reading.		See table above.				Only necessary when PIC is re-zeroed.	
Time Reported	Low Range PIC (mR)	High Range PIC* (Roöntgen)	TEDE DCF	Thyroid CDE DCF	TEDE (mrem)	Thyroid CDE (mrem)	Cumulative TEDE (mrem)	Cumulative Thyroid CDE (mrem)

FMT:			Name of Individual:					
	Only use highest onscale PIC reading.		See table above.				Only necessary when PIC is re-zeroed.	
Time Reported	Low Range PIC (mR)	High Range PIC* (Roöntgen)	TEDE DCF	Thyroid CDE DCF	TEDE (mrem)	Thyroid CDE (mrem)	Cumulative TEDE (mrem)	Cumulative Thyroid CDE (mrem)

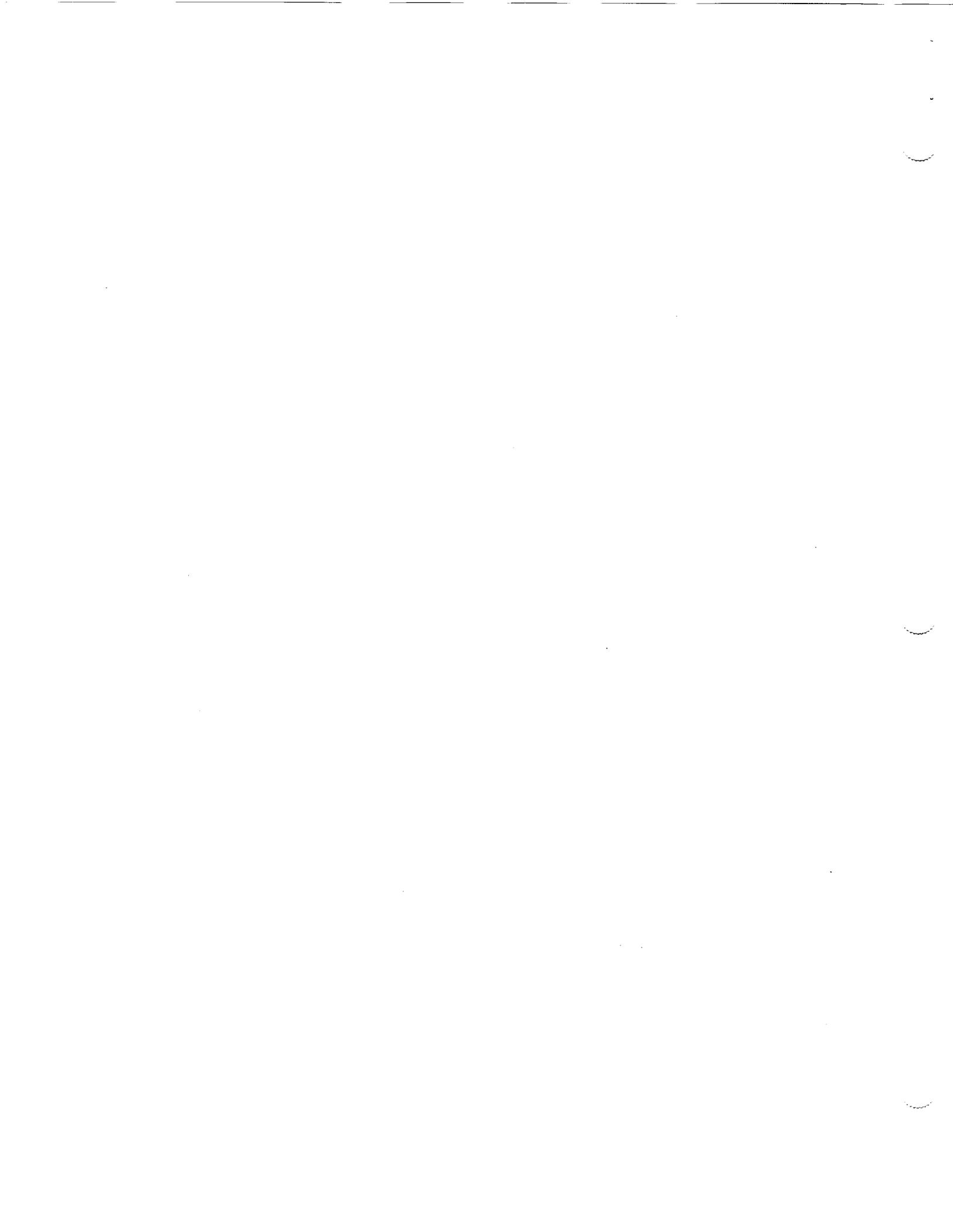
FMT:			Name of Individual:					
	Only use highest onscale PIC reading.		See table above.				Only necessary when PIC is re-zeroed.	
Time Reported	Low Range PIC (mR)	High Range PIC* (Roöntgen)	TEDE DCF	Thyroid CDE DCF	TEDE (mrem)	Thyroid CDE (mrem)	Cumulative TEDE (mrem)	Cumulative Thyroid CDE (mrem)

EP EF-3 (UNITS 1 AND 2)
ATTACHMENT 5.16

TITLE: Field Monitoring Team Exposure Tracking Sheet

FMT:			Name of Individual:					
Only use highest onscale PIC reading.			See table above.				Only necessary when PIC is re-zeroed.	
Time Reported	Low Range PIC (mR)	High Range PIC* (Roentgen)	TEDE DCF	Thyroid CDE DCF	TEDE (mrem)	Thyroid CDE (mrem)	Cumulative TEDE (mrem)	Cumulative Thyroid CDE (mrem)

***NOTE:** the high range PIC reading must be multiplied by 1,000 to convert from Roentgen to mR.



DIABLO CANYON POWER PLANT
EP EF-3
ATTACHMENT 5.17

1 AND 2

TITLE: ISEC/SEC/RM Turnover Checklist

SIGNATURE	DATE
<input type="checkbox"/> Time of Event: _____ <input type="checkbox"/> Time VANS Activated: _____ <input type="checkbox"/> Time Facility <i>must</i> be Activated: _____	
<input type="checkbox"/> Current Classification: _____ <input type="checkbox"/> Reason for Classification: (See Notification form)	
<input type="checkbox"/> Affected Unit: <input type="checkbox"/> Unit 1 <input type="checkbox"/> Unit 2	
<input type="checkbox"/> Unit 1 Status Mode: _____ Power: _____ <input type="checkbox"/> Unit 2 Status Mode: _____ Power: _____	
<input type="checkbox"/> Fission barriers challenged: <input type="checkbox"/> Fuel <input type="checkbox"/> RCS <input type="checkbox"/> Containment <input type="checkbox"/> Release in progress: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Release source:	
Last <u>Notification</u> number: _____ Time it was completed: _____ Next <u>Notification</u> number: _____ Time it is required: _____ Who will do it? <input type="checkbox"/> CR <input type="checkbox"/> TSC <input type="checkbox"/> EOF	Last <u>PAR</u> number: _____ Time it was completed: _____ Next <u>PAR</u> number: _____ Time it is required: _____ Who will do it? <input type="checkbox"/> CR <input type="checkbox"/> TSC <input type="checkbox"/> EOF
Site accountability status <input type="checkbox"/> Complete <input type="checkbox"/> In Progress Due: _____ Early work release initiated <input type="checkbox"/> Yes <input type="checkbox"/> No Status: _____ Plant evacuation initiated <input type="checkbox"/> Yes <input type="checkbox"/> No Status: _____	
NOTES	



DIABLO CANYON POWER PLANT
EP EF-3
ATTACHMENT 5.18

1 AND 2

TITLE: RM/Advisor to the County Facility PA Announcement Template

TIME OF ANNOUNCEMENT _____

ATTENTION EOF PERSONNEL

THIS IS A DRILL. THIS IS AN EMERGENCY ANNOUNCEMENT.

THIS IS _____, I AM THE

RECOVERY MANAGER.

ADVISOR TO THE COUNTY

THE PLANT IS CURRENTLY IN:

AN ALERT A SITE AREA EMERGENCY A GENERAL EMERGENCY

THIS EMERGENCY ACTION LEVEL IS BASED UPON: (STATE THE CONDITIONS)

INVOLVING: UNIT NO. 1 UNIT NO. 2 UNITS 1 and 2
 OTHER _____

THERE IS NO RELEASE IN PROGRESS AT THE PRESENT TIME.

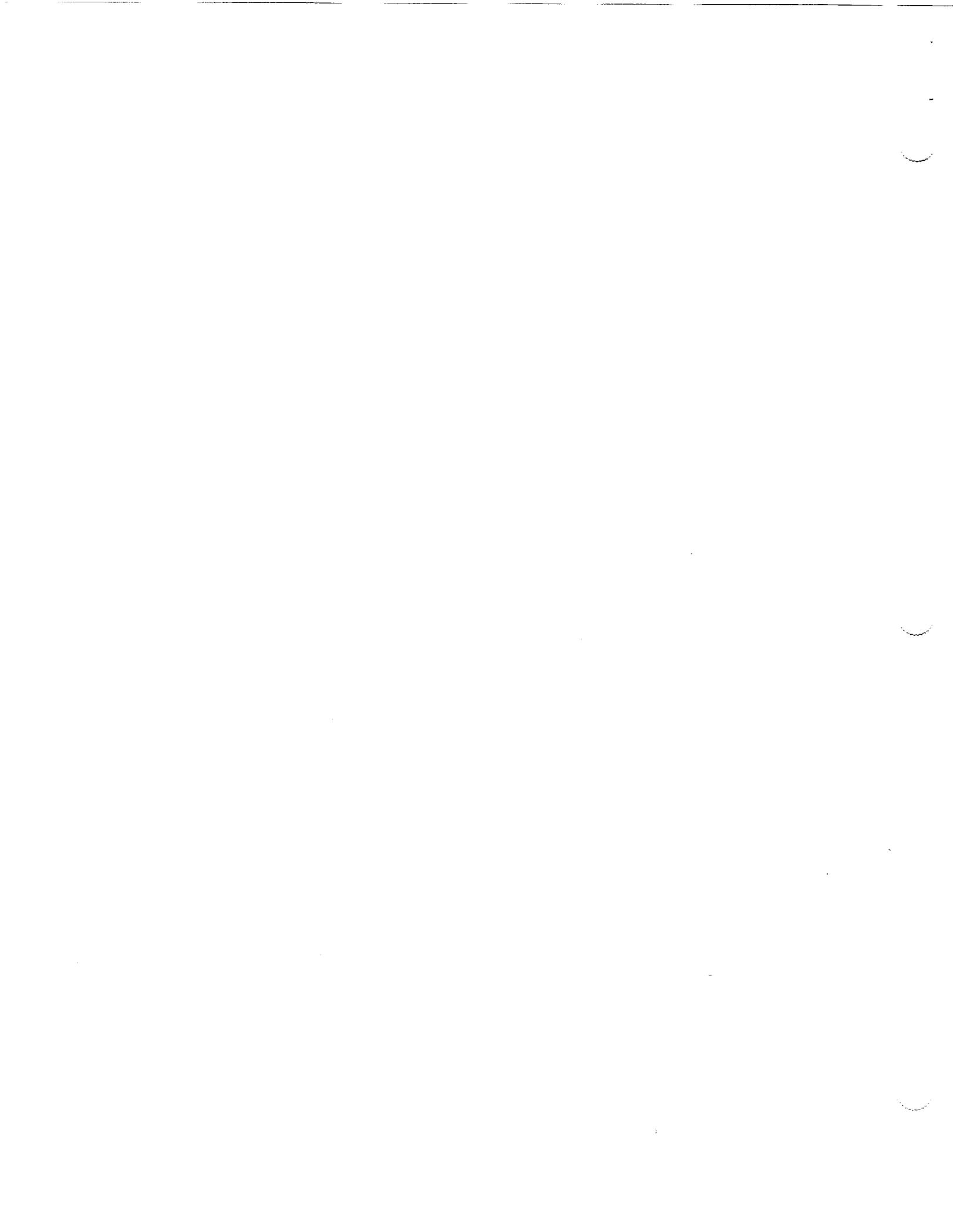
THERE HAS BEEN A RADIOLOGICAL RELEASE.

THE FOLLOWING ACTIONS HAVE BEEN TAKEN TO MITIGATE THE EVENT:

THE FOLLOWING RECOMMENDATIONS HAVE BEEN MADE TO THE COUNTY:

THIS IS A DRILL

THIS HAS BEEN AN EMERGENCY ANNOUNCEMENT



DIABLO CANYON POWER PLANT
EP EF-3
ATTACHMENT 5.19

1 AND 2

TITLE: News Media Notification List

ORGANIZATION	TELEPHONE	FAX
Associated Press (AP)		
San Francisco	(415)621-7432	(415)552-9430
Los Angeles Area	(213)626-1200	(213)346-0200
United Press International (UPI)		
Los Angeles Area	(213)580-9898	(213)580-9880
San Luis Obispo Telegram Tribune	(805)781-7800	(805)781-7905
Five Cities Times - Press Recorder	(805)489-4206	(805)473-0571
Santa Maria Times	(805)925-2691	(805)928-5657
KSBY -TV	(805)597-8400	(805)597-8520
KCOY - TV	(805)543-4223 or (805)925-1200	(805)543-4818 (805)349-9965
KEYT - TV	(805)882-3933	(805)882-3931
KVEC - TV	(805)543-8830	(805)781-2568
KKJL - TV	(805)543-9400	(805)543-0787
KUHL - AM	(805)922-7727	(805)349-0265
KSMA - AM	(805)925-2582	(805)928-1544
KPRL - AM	(805)238-1230	(805)238-5332
KKJG - FM	(805)781-2750	(805)781-2758
Business Wire		
San Francisco Area	(415)986-4422	(415)788-5335
Boston Area	(617)236-4266	(617)236-7740
Los Angeles Area	(310)820-9473	(310)820-7363
New York Area	1-(800)221-2462	(212)893-5335





DIABLO CANYON POWER PLANT
EP EF-3
ATTACHMENT 5.21

1 AND 2

TITLE: Nuclear Logistics Coordinator Guidance Checklist

PRINT NAME _____

DATE _____

1. Contact the Sr. VP - Utility Operations to advise of the situation and determine if the Company Emergency Operations Center (EOC,) the Operations Coordination Center (OCC,) the External Communications Coordination Center (EXCCC) or other emergency centers need to be activated. Refer to *Officers Emergency Plan*.
2. If the Sr. VP - Utility Operations is not available, contact the Director of Corporate Security or the Manager of Emergency Planning to advise of the emergency and determine what centers will need to be activated and what additional notifications are required.
3. Notify the Chief Pilot or Aircraft Pilots of any Bay Area personnel that will need to be flown to San Luis Obispo (SLO) County.
4. Contact the Bay Area Recovery Manager and Near Site Meteorologist to coordinate travel arrangements with the Corporate Pilot.
5. Alert the Los Padres Regional Coordinator of the estimated times of arrival of the Recovery Manager and Near Site Meteorologist.
6. Contact the Highway Patrol to ensure that travel by Bay Area personnel to the Emergency Operations Facility (EOF) will not be impeded by traffic.
7. Alert the following personnel.
- Law Department
 - Safety, Health and Claims
 - Corporate Insurance
8. If the General Office EOC and / or EXCCC are activated and the Policy Group Chair wants an NPG Coordinator present at the EOC, ensure another NLC is contacted to report to the GO.
9. Coordinate information requests related to corporate communications, insurance coverage, and general liability problems during the emergency.
- NOTE:** The only authorized release of information to the public in any location is through the ISEC/SEC/RM via press releases from the Joint Media Center and the Internal / External Communications Group in the EOC or the EXCCC.
- Do not provide information to media personnel.
10. Keep the Advisor to the county and Recovery Manager informed of all Company liaison activities during the emergency.

EP EF-3 (UNITS 1 AND 2)
ATTACHMENT 5.21TITLE: Nuclear Logistics Coordinator Guidance Checklist

11. Update the Policy Group Chair or the EXCCC of at least every classification change of:
- Timeline of events (especially during initial call).
 - Current plant status (both units).
 - If a radioactive release is in progress and which direction it is going.
 - Site evacuation details.
 - Personnel accountability status.
 - Frequency of RM/EOF briefings.
 - Command and Control of the event (has the RM taken charge).
12. Obtain information from the Policy Group Chair regarding:
- The status of Path 15 and the rest of the grid.
 - Government interest in the event.
 - Press interest in the event.
 - Desired Policy Group Chair update frequency.
 - Information the Policy Group Chair needs.
13. Communicate with the pilot regarding:
- Wind direction.
 - Any radioactive release in progress.
 - Where the company plane is located.
 - Estimated times of arrivals of Bay Area personnel.
 - Landing location: (SLO, Paso Robles, Santa Maria).
 - Transport alternatives (helicopter, etc.).
14. Forward completed checklists, log sheets, and other pertinent documentation to the DCPD Emergency Planning Supervisor.

DIABLO CANYON POWER PLANT
EP EF-3
ATTACHMENT 5.22

1 AND 2

TITLE: Liaison Assistant Checklist

Liaison Assistant - County/State, and NRC

PRINT NAME _____ DATE _____

1. INITIAL ACTIONS

- 1.1 Sign in on the Assembly and Accountability Checklist form as applicable.
- 1.2 Sign in on the EOF sign-in board.

2. CONTINUING ACTIONS

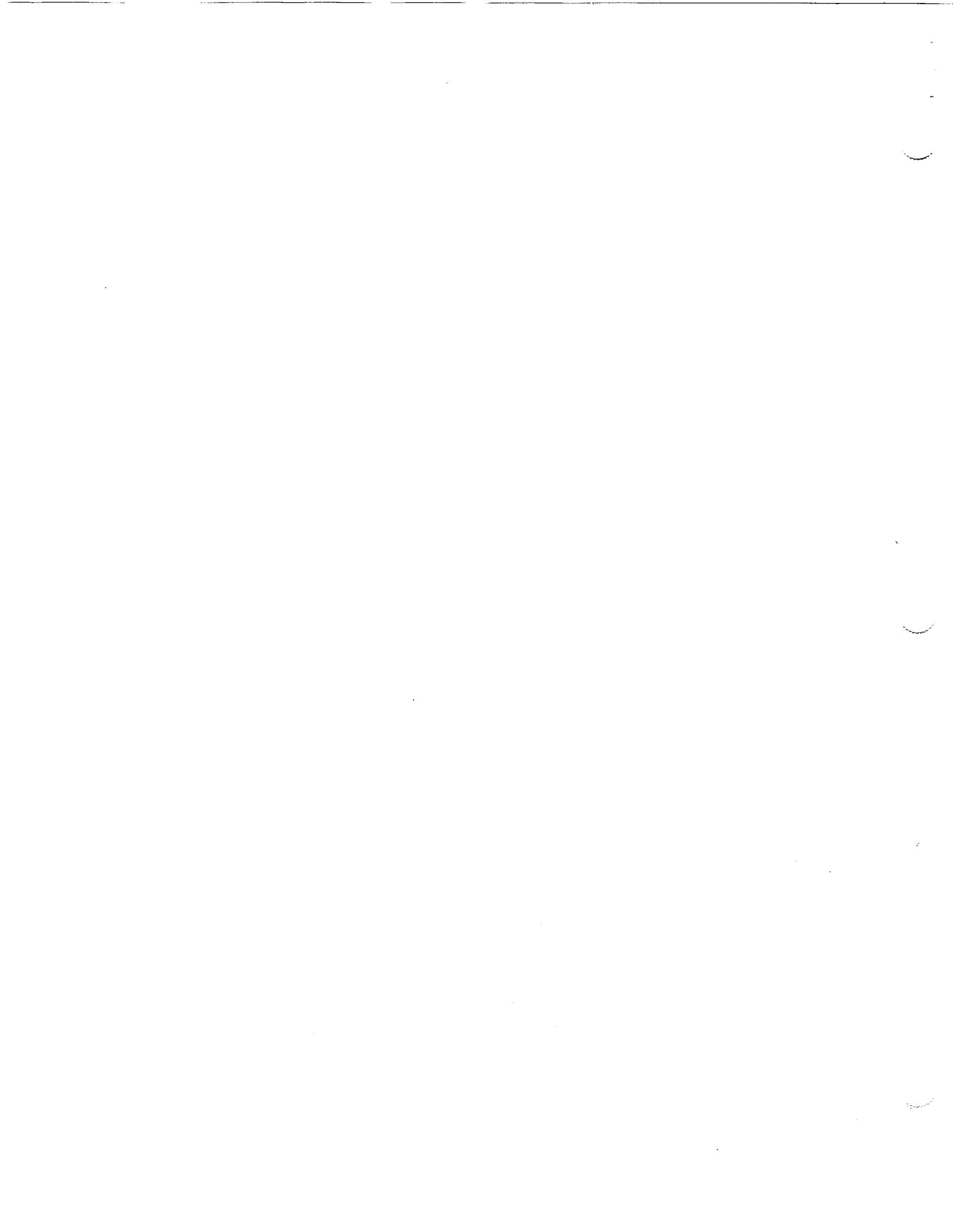
- 2.1 Make the following notifications per EP G-3:
 - County Sheriff's Watch Commander (SWC)
 - State OES
 - NRC
 - INPO
 - Coast Guard (if required per EP G-3)
- 2.2 PHONE ENF and PAR information to the County SWC, State OES.
NOTE: 15 minute time limit for classification level or PAR changes to the County and State, otherwise **half-hour** updates to each.
- 2.3 PHONE ENF and PAR information to the NRC. Update notifications should be made every 30 minutes throughout the event.
- 2.4 FAX ENFs and PARs to the NRC throughout the event.
- 2.2 Ensure notifications are completed and signed off.
- 2.3 Retain past notification forms and plant status forms.

3. TURNOVER

- 3.1 Give a verbal turnover to your shift relief.
- 3.2 Instruct your relief to review the chronological ENF and PAR files
- 3.3 Instruct your shift relief to complete a new Attachment 5.23 for his/her shift, entering "N/A" for items that are Not Applicable.

4. SIGNOFF

Event terminated _____ or turnover given _____
Signature _____ Date/Time _____



_____	____	____	_____	PDR CF
_____	____	____	_____	PDR CF
_____	____	____	_____	PDR CF
_____	____	____	_____	PDR CF
_____	____	____	_____	PDR CF
_____	____	____	_____	PDR CF
_____	____	____	_____	PDR CF
_____	____	____	_____	PDR CF

AA	RA	DKT	TASK	F2	DESCRIPTION: _____
AA	RA	DKT	TASK	F2	DESCRIPTION: _____
AA	RA	DKT	TASK	F2	DESCRIPTION: _____
AA	RA	DKT	TASK	F2	DESCRIPTION: _____
AA	RA	DKT	TASK	F2	DESCRIPTION: _____
AA	RA	DKT	TASK	F2	DESCRIPTION: _____
AA	RA	DKT	TASK	F2	DESCRIPTION: _____
AA	RA	DKT	TASK	F2	DESCRIPTION: _____

PRIMARY FILE LOCATION/LEVEL

DSB #:

_____	_____	_____	_____
FCEN	F1	F2	F3

NOTES/SPECIAL INSTRUCTIONS

INDEXER QC DDC

Generate New Label
 Encl Contains Prop Info
 Encl Contains Foldout Pages

Generate New RIDS Sheet
 Refilm: PDR CF PROP
 Do Not Refilm

NUCLEAR DOCUMENTS SYSTEM



ADMIN: _____ **RIDS:** _____

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