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50-275/323

REC: STOLZ J F  
NRC

ORG: CRANE P A  
"PACIFIC GAS" & "ELEC

DOC DATE: 02/08/78  
DATE RCVD: 02/13/78

DOCTYPE: LETTER NOTARIZED: NO  
SUBJECT:

COPIES RECEIVED  
LTR 1 ENCL 40

RESPONSE TO NRC'S LTR DTD 01/30/78... FURNISHING ADDL INFO  
CONCERNING SOME ASPECTS OF FIRE PROTECTION THAT RELATE TO SUBJECT  
FACILITY'S EMERGENCY PLAN... W/ATT REVISED PAGES II-14, VI-2 AND  
VI-3 OF EMERGENCY PLAN AND LTR OF AGREEMENT WITH CA DEPT OF FOREST

PLANT NAME: DIABLO CANYON - UNIT 1  
DIABLO CANYON - UNIT 2

REVIEWER INITIAL: XJM  
DISTRIBUTER INITIAL:

\*\*\*\*\* DISTRIBUTION OF THIS MATERIAL IS AS FOLLOWS \*\*\*\*\*

NOTES:

- 1. J SOUDER W/1CY EVERTHING (REG V)  
F HEBDON W/1CY ENVIRON MATERIAL

FIRE PROTECTION (PRIOR TO ISSUANCE OF OL).  
(DISTRIBUTION CODE B002)

FOR ACTION: BRANCH CHIEF STOLZ\*\*W/ENCL LIC ASST HYLTON\*\*LTR ONLY  
PROJ MGR ALLISON\*\*W/ENCL

INTERNAL: REG FILE\*\*W/ENCL  
GELD\*\*LTR ONLY  
BOYD\*\*LTR ONLY  
CROCKER\*\*LTR ONLY  
J. MILLER\*\*LTR ONLY  
TEDESCO\*\*W/ENCL  
IPPOLITO\*\*W/ENCL  
HELTEMES\*\*W/ENCL  
R. MURANAKA\*\*W/ENCL  
NRC PDR\*\*W/ENCL  
I & E\*\*W/3 ENCL  
DE YOUNG\*\*LTR ONLY  
VASSALLO\*\*LTR ONLY  
MATTSON\*\*W/ENCL  
BENAROYA\*\*W/2 ENCL  
SKOVHOLT\*\*LTR ONLY  
HOUSTON\*\*W/ENCL  
HANAUER\*\*W/ENCL

EXTERNAL: LPDR'S  
SAN LUIS OBISPO, CA\*\*W/ENCL  
TIC\*\*W/ENCL  
NSIC\*\*W/ENCL  
ACRS CAT A\*\*W/16 ENCL

DISTRIBUTION: LTR 43 ENCL 35  
SIZE: 1P+4P

CONTROL NBR: 780450002

Handwritten initials: "BJ"

\*\*\*\*\* THE END \*\*\*\*\*



PACIFIC GAS AND ELECTRIC COMPANY

PG&E + 77 BEALE STREET, 31ST FLOOR • SAN FRANCISCO, CALIFORNIA 94106 • (415) 781-4211

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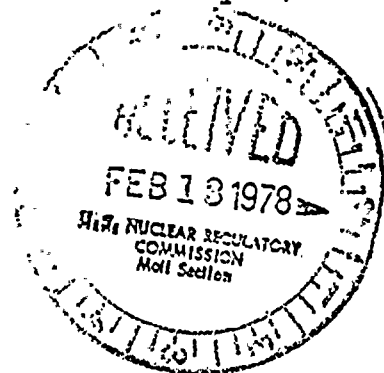
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SHIRLEY A. WOOD

ATTORNEYS

February 8, 1978

Mr. John F. Stolz, Chief  
Light Water Reactors Branch No. 1  
Division of Project Management  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Re: Docket No. 50-275-OL  
Docket No. 50-323-OL  
Diablo Canyon Units 1 and 2



Dear Mr. Stolz:

This letter is in response to your request dated January 30, 1978 for additional information concerning some aspects of fire protection that relate to the Diablo Canyon Power Plant emergency plan.

Attached are 40 copies of revised pages II-14, VI-2, and VI-3 of the emergency plan and of the letter of agreement with the California Department of Forestry, which will be included in Appendix 5 of the plan. These revisions are responsive to your questions on fire protection and constitute the only changes to the previously approved emergency plan. Five copies of the enclosures have been separately sent to Dennis Allison.

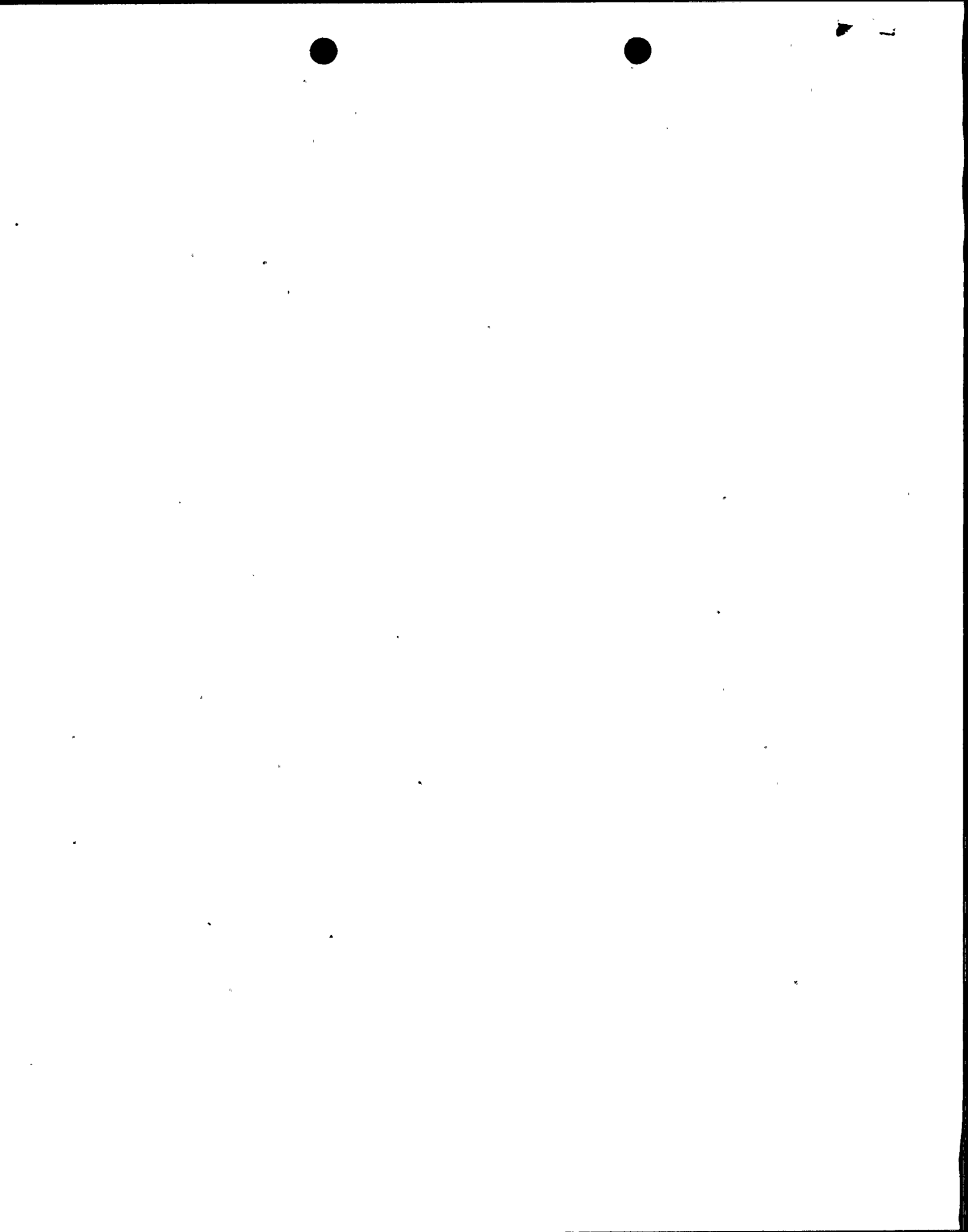
Kindly acknowledge receipt of the enclosures on the enclosed copy of this letter.

Very truly yours,  
*Philip A. Crane, Jr.*  
PHILIP A. CRANE, JR.

Enclosures  
cc: Service List

780450002

8002/5  
1/40\*



DEPARTMENT OF FORESTRY

P.O. Box 151, Hwy 1, North  
San Luis Obispo, CA. 93401  
805-543-4244

JDS FEB 3 1978

JLS

Date \_\_\_\_\_ See Me \_\_\_\_\_ Return To \_\_\_\_\_  
How To \_\_\_\_\_ Your File \_\_\_\_\_  
Initials \_\_\_\_\_

February 1, 1978

## AGREEMENTS

Fire Control - Mutual Aid  
Diablo Canyon Power Plant  
Pacific Gas & Electric Co.Pacific Gas & Electric Company  
Diablo Canyon Power Plant  
P. O. Box 56  
Avila Beach, California. 93424

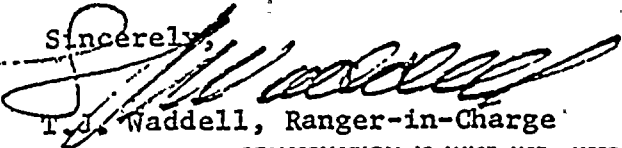
Attention: Mr. R.D. Ramsay, Plant Superintendent

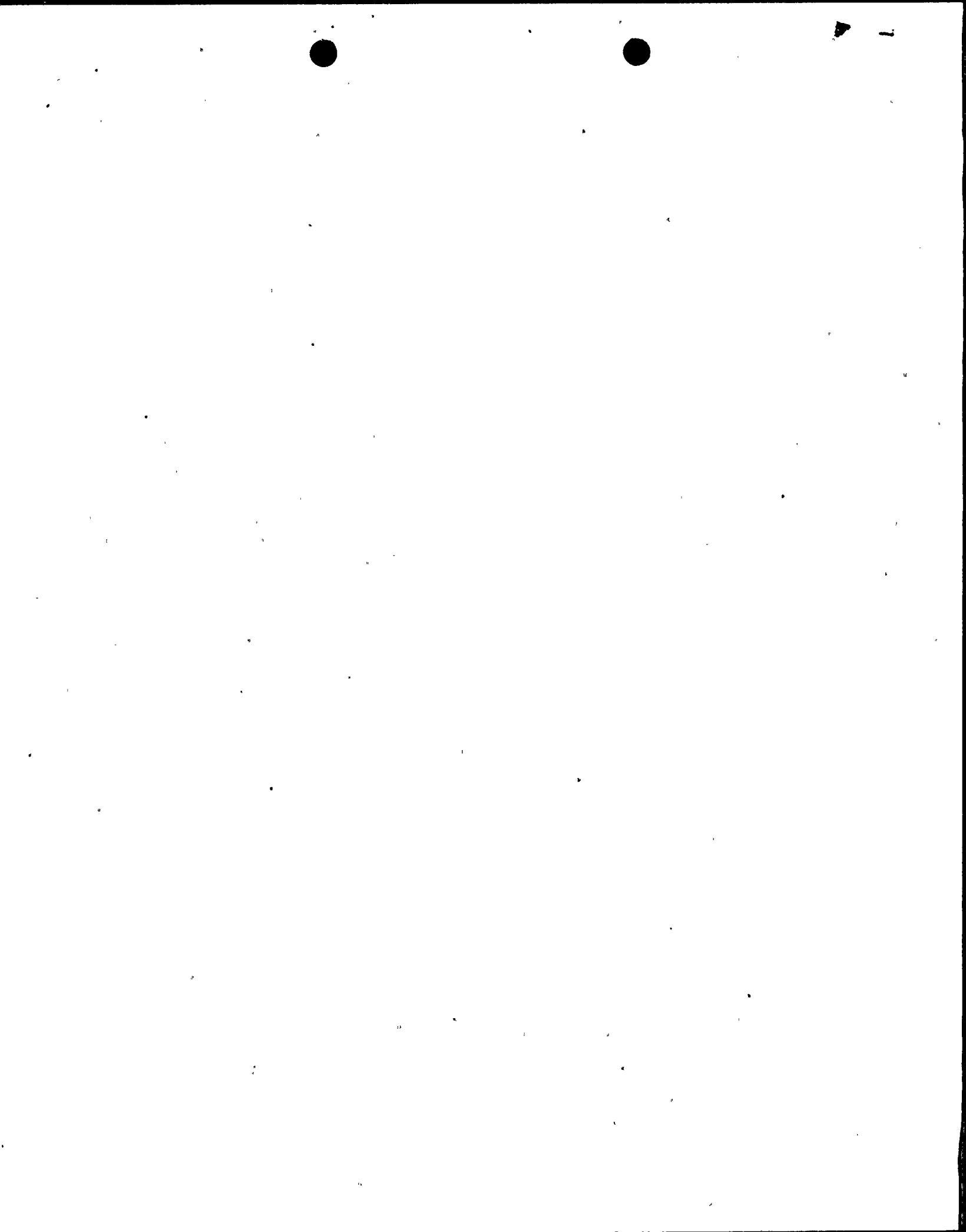
Dear Mr. Ramsay:

This letter of understanding supercedes our letter of December 11, 1972. As discussed with your representative, this Department approves of and agrees to the following procedures.

1. To provide fire suppression support for grassland fires and/or in plant fires at Diablo Canyon.
2. To participate in a fire drill on an annual basis.
3. To make designated members of the Department available for basic training in radiation protection to be presented by PG&E personnel.
4. That Department personnel, when called to assist in fire suppression, have the authority and responsibility to determine and utilize the most effective fire suppression methods, providing, that these methods do not adversely affect nuclear safety or the possible health and safety of the public.
5. That PG&E will, when asking for assistance, advise the Department if the potential for radiation exposure and/or contamination exists.
6. That, when the potential for radiation exposure and/or contamination exists, PG&E will provide dosimeters for Department personnel and will provide a trained monitor to accompany Department personnel to advise and insure that Forestry personnel are not unnecessarily exposed.
7. That PG&E will, at the conclusion of any fire suppression activity, monitor Department personnel and equipment for contamination and perform any decontamination work required.
8. That PG&E will replace any equipment that cannot be satisfactorily decontaminated.

Sincerely,

  
T.J. Waddell, Ranger-in-Charge



In the event of a radiological injury, the responsibilities of the Company are summarized below:

1. Decontaminate the patient to the extent practical prior to transporting him to the hospital.
2. Give the hospital advance warning that a contaminated patient is being brought in.
3. Provide trained personnel for radiological monitoring as required.
4. Decontaminate and/or replace contaminated hospital equipment.

#### I. CALIFORNIA DIVISION OF FORESTRY

The California Division of Forestry will be called upon to assist in case of fire, either in plant or the surrounding grasslands, which cannot be controlled by the personnel on site. The arrangements between the Company and the Division of Forestry are summarized in the letter of agreement included in Appendix 5. Designated members of the Division of Forestry will be trained in radiation protection practices and procedures and the Company will provide trained monitoring personnel to assure that Forestry personnel are not unnecessarily exposed.

In addition, the Division of Forestry is a participating agency in the San Luis Obispo County "Nuclear Power Plant Emergency Response Plan".

#### J. MISCELLANEOUS AGREEMENTS.

##### 1. Field Ranch

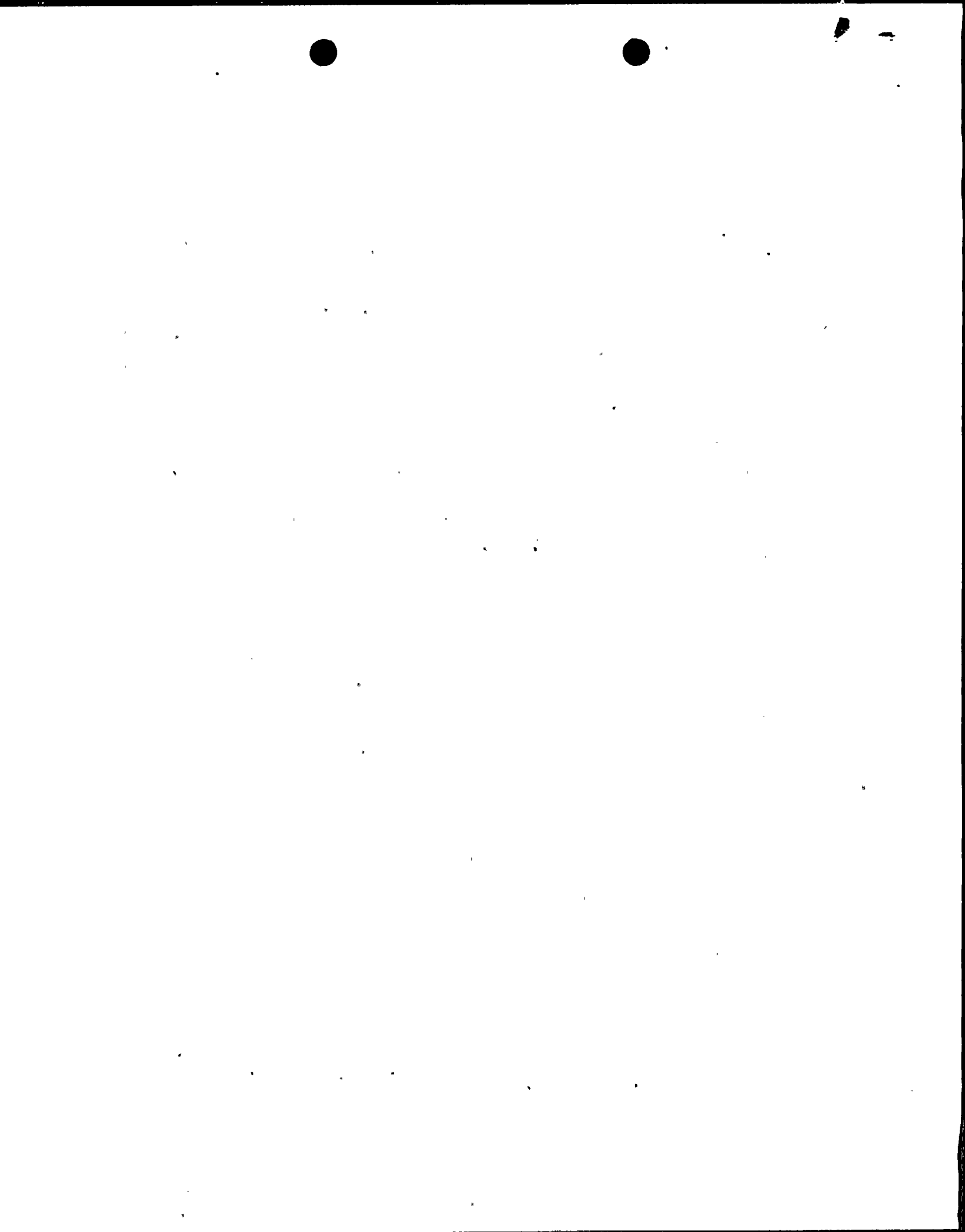
The Field Ranch borders the north side of the plant site, and a private road across this property will be used as an emergency evacuation route in the unlikely event that the normal access road to the site (which comes from the south) cannot be utilized. A letter of agreement regarding this arrangement is included in Appendix 5.

##### 2. San Luis Ambulance Service

The Company has arranged with San Luis Ambulance Service of San Luis Obispo to handle cases of personnel injury at Diablo Canyon, including those involving radioactive contamination. A letter of agreement which confirms these arrangements are included in Appendix 5.

##### 3. Panel Physicians

The Company retains a number of physicians throughout its service area on a so-called medical panel. Panel physicians in the San Luis Obispo area and their specialties are included in Section III of the Plan.





#### 4. Emergency Radiological Monitoring

This course is specifically tailored to on and off-site monitoring and other techniques required to estimate the consequences of a radiological emergency situation. Included are such topics as survey instrumentation and techniques, use of portable air sampling equipment, determination of appropriate sample locations, and use of meteorological and sampling data to estimate off-site doses. This course will be given to selected operations and technical personnel as discussed in Section II of the Plan. It consists of an initial program of approximately 12 hours duration followed by approximately 2-4 hours/year of refresher training.

#### 5. Emergency Procedure Training

All personnel shall receive basic instruction on the fundamentals of the Emergency Plan as soon as practical after they begin work on the site. This shall include such topics as identification of emergency signals, personnel assembly locations and any other topics appropriate to the individual's duties in the event of an emergency.

All operations personnel above the level of Auxiliary Operator will be thoroughly trained in both normal and emergency operation of all plant systems as part of the program which they must complete in order to receive their NRC Operator Licenses. In addition, they will receive refresher training on the Emergency Plan and Emergency Operating Procedures as part of the overall retraining program as specified in 10CFR55, Appendix A.

#### B. OFF-SITE AGENCY TRAINING

The development of training programs for individuals from off-site agencies is primarily the responsibility of the agency involved. This is particularly true in their areas of technical competence. However, the Company will provide training seminars on radiation protection and other topics related to the Plan for those agencies that require it. This program will include radiation protection for designated members of the California Division of Forestry and decontamination procedures for designated personnel at French Hospital. In addition Company personnel will contact the Sheriff's Department, French Hospital and the Division of Forestry on an annual basis to reaffirm the arrangements of the Plan. Since Division of Forestry personnel may be required to assist in fire fighting operations inside the plant they will also be provided an annual tour of the facility to review the plant layout and its fire suppression equipment. Refresher training in radiation protection practices and procedures will be included in this annual tour.

#### C. DRILLS

Periodic drills will be conducted of various aspects of the Plan to assure that persons retain familiarity with it and to expose any weaknesses in its execution.

The Plant Superintendent, along with other key supervisory personnel, is responsible for planning and scheduling the drills. Following a drill, observers and principal participants in the drill will meet with the Plant Staff Review Committee to discuss and evaluate the drill.



For drills which are announced prior to their execution, observers will be placed in appropriate plant areas to check and report on the progress of the drill and to verify the performance of alarms, safety devices, and communications systems. Observers may or may not be utilized on unannounced drills depending upon special requirements of maintaining the unannounced character of the drill.

Specific drills which will be performed on a routine annual basis include the following:

1. One announced emergency drill of a simulated gaseous release affecting the entire site. Either this drill or the unannounced drill (see 2 below) will include sounding of the emergency signal and gathering of all on-site personnel at designated assembly areas, taking meteorological data existing at the time of the drill plus appropriate air samples and demonstrating how off-site consequences would be estimated.
2. One unannounced drill.
3. One fire drill with participation by Division of Forestry personnel (Quarterly fire drills are held for the plant fire brigades).

The radio communications network will be checked on a routine weekly basis.



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