

**GENERAL ELECTRIC COMPANY  
NUCLEAR ENERGY BUSINESS GROUP**

**RADIATION EMERGENCY PLAN  
VALLECITOS NUCLEAR CENTER**

**E-5**

**Plan Maintenance Responsibility:  
Radiological and Environmental Protection  
March 1978**

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**RADIATION EMERGENCY PLAN  
GENERAL ELECTRIC COMPANY  
VALLECITOS NUCLEAR CENTER  
Pleasanton, California**

### **1.0 PURPOSE**

The purpose of the Radiation Emergency Plan is to provide guidance and instruction in maintaining the objectives of the Nuclear Energy Business Group to protect personnel, Company property, and other interests in the event of a radiation accident. Authority for preparation of this plan is contained in NED OPG 100.5, issued March 15, 1976.

### **2.0 SCOPE**

This plan describes the program established to respond to a radiation emergency other than a local criticality or an incident characterized by high exposure of personnel to any form of penetrating radiation. Refer to Plan D-5 for information regarding response in these latter areas. Whereas Plan D-5 addresses emergencies which threaten external exposure of Site personnel, Plan E-5 discusses emergencies characterized by major releases of radioactive material within or beyond Site boundaries.

Implementing procedures for this plan shall be established and maintained by each function responsible for a portion of the plan as described herein.

### **3.0 EMERGENCY EQUIPMENT AND FACILITIES**

Assembly Areas and emergency equipment are available for use. See Plan D-5, Section 3.0, for further information.

### **4.0 EMERGENCY RESPONSE**

1. If the radiation emergency is accompanied by high levels of penetrating radiation, the criticality monitoring system will activate alarms and initiate emergency response as detailed in Plan D-5, Section 4.0.
2. If the emergency is of such a nature that the criticality system is not activated, the individual discovering the emergency shall dial telephone extension 4211 and describe the emergency conditions. The Primary Emergency Control Center (GETR) and/or the Secondary Emergency Control Center (Security) will answer the call.

The GETR Shift Supervisor, acting as temporary Emergency Operations Commander (EOC), will announce building or area evacuations as judged necessary. If GETR fails to answer the call, the Secondary Emergency Control Center will announce building or area evacuation.

The ALL CALL announcement shall state, "ATTENTION, ATTENTION. RADIATION EMERGENCY BUILDING (Area)\_\_\_\_\_, RADIATION EMERGENCY BUILDING (Area)\_\_\_\_\_. EVACUATE BUILDING (Area)\_\_\_\_\_."

Other aspects of emergency response are as described in Plan D-5, Section 4.0.

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### 5.0 ORGANIZATION AND RESPONSIBILITIES

Emergency organization and responsibilities remain as described in Plan D-5, Section 5.0.

An additional emergency team designated as the Emergency Environmental Team shall be activated at the discretion of the EOC. This team shall be responsible for collecting data concerning the release of radioactive material to the environment and appropriately marking off contaminated areas. Specific duties will include environmental air sampling, soil and vegetation sampling, water sampling, and radiation and contamination surveying of the accident area.

### 6.0 EVACUATION OF PERSONNEL

If conditions exist which threaten the safety of either Site personnel or off-Site residents and travelers, the EOC shall recommend to the Manager, IPO, one or more of the following courses of action:

#### 6.1 EVACUATION OF ON-SITE PERSONNEL

Personnel shall be requested to evacuate by announcement on the ALL CALL system. The EOC will edit the content of this announcement to include information relating to the following if appropriate:

1. Radiation surveys of automobiles.
2. The use of car pooling.
3. The identification of the off-Site Assembly Area. One of the three following locations will be designated:
  - a. Sunol Fire Station.
  - b. San Francisco Water Park (Sunol).
  - c. Alameda County Fairgrounds (Pleasanton).

#### 6.2 EVACUATION OF OFF-SITE PERSONNEL

If evacuation of residents adjacent to VNC becomes necessary, the EOC shall assign an individual to make contact in person if time permits or to make notifications by telephone. Appendix A lists names, addresses, and phone numbers of residents and stipulates the format of a notification letter.

#### 6.3 ESTABLISHMENT OF ROADBLOCKS ON VALLECITOS ROAD

The California Highway Patrol shall be requested to establish roadblocks east and west of the Site on Vallecitos Road.

### 7.0 NOTIFICATION OF EXTERNAL AGENCIES

Agencies and notification guidelines are described in Plan D-5, Section 6.0.

The following additional agencies must be notified by authorization of the EOC if the safety of off-Site personnel is jeopardized. Telephone numbers are listed in Appendix B.

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## 7.1 CALIFORNIA HIGHWAY PATROL

Request for roadblocks on Vallecitos Road may be made by telephone using the following statement:

"This is \_\_\_\_\_ of the General Electric Company, Vallecitos Nuclear Center, near Pleasanton. We have had an occurrence at the Vallecitos Nuclear Center involving radioactive material. The extent of the occurrence is now being investigated; however, we believe that, as a precautionary measure, traffic should be prevented from passing the Site on Vallecitos Road. This can best be done by establishing a blockade at the freeway entrance to Vallecitos Road at the west end near Sunol, and at the east end, near Livermore at Vineyard Road. All through traffic can then be diverted through Pleasanton via Vineyard Road. If you wish, we can have Vallecitos Nuclear Center personnel meet your patrolman at either or both of these points."

## 7.2 OTHER AGENCIES

The following agencies will be notified of evacuations (on-Site or off-Site) and roadblocks:

1. Alameda County Sheriff's Office.
2. Alameda County Health Department.
3. Sunol Fire Station (Department of Forestry)

## 8.0 PREPAREDNESS

Preparedness of emergency teams shall be maintained through the use of training sessions and drills developed and implemented by each responsible emergency function.

Annual exercises shall be planned and performed which implement and test the coordinated response of all emergency functions.

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APPENDIX A

EVACUATION OF RESIDENTS ADJACENT TO VNC SITE

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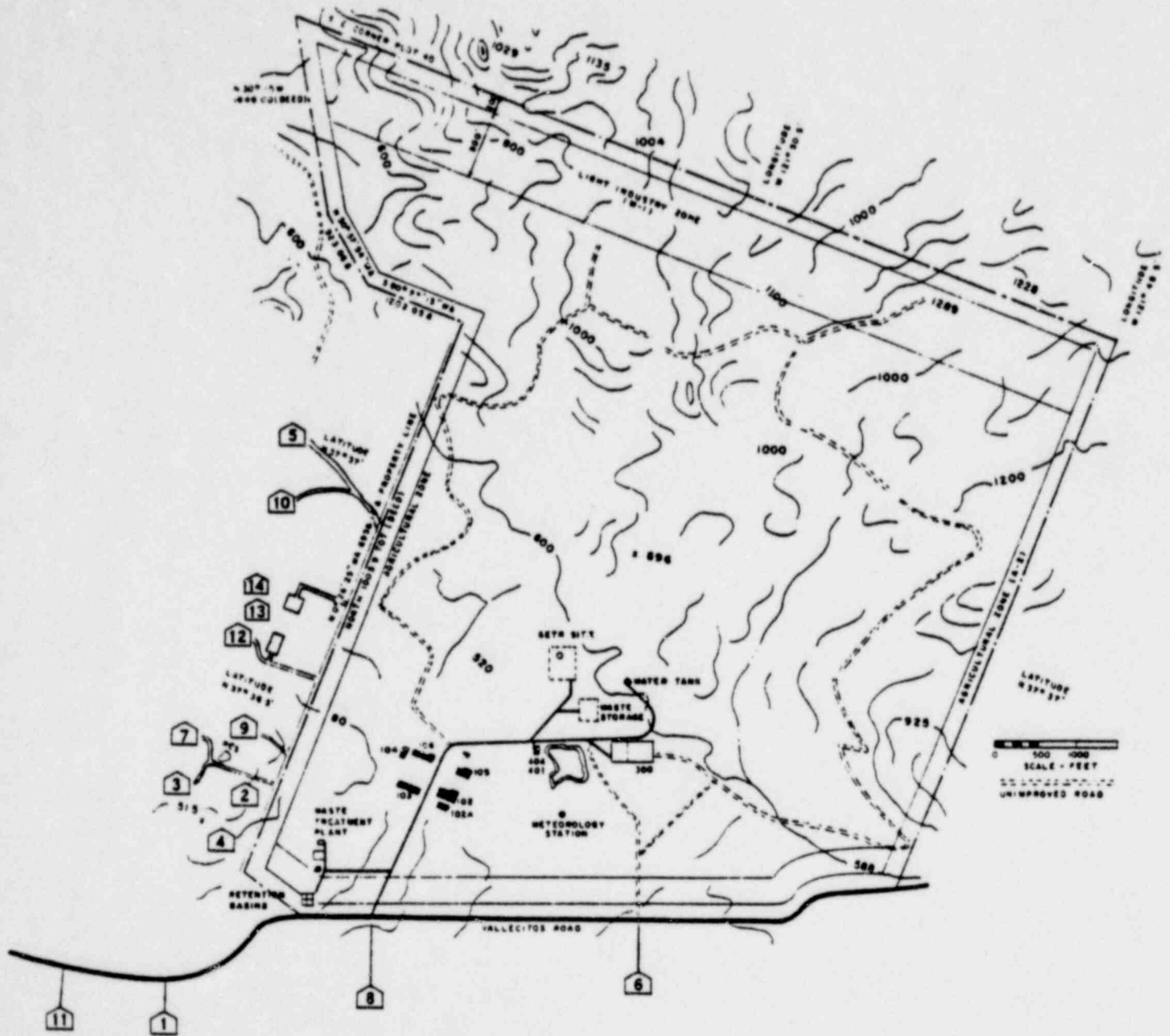
## APPENDIX A

## EVACUATION OF RESIDENTS ADJACENT TO VNC SITE

A-1. NAMES, ADDRESSES, AND TELEPHONE NUMBERS OF  
RESIDENTS ADJACENT TO THE VNC SITE

<u>Map Location</u>	<u>Name and Address</u>	<u>Home Telephone</u>
1	Franco, Henry, Vallecitos Road	9*862-2136
2	Sanchez, J., 3875 Little Valley Road	9*862-2279
3	Fox, Aubrey, C., 8450 Alpha Lane	9*862-2064
4	McElley, Robert, 3961 Little Valley Road	9*862-2040
5	Hubbard, Eugene, 3401 Little Valley Road	9*862-2331
6	Maldonado, Tony, Vallecitos Road	9*862-2133
7	Munn, Ken, Alpha Lane	9*862-2188
8	Hodges, James, 7010 Vallecitos Road	9*862-2131
9	Whitford, Little Valley Road	9*862-2919
10	Ulrech, Dick, 3453 Little Valley Road	9*862-2956
11	Wauhab, Thomas, Vallecitos Road	9*862-2320
12	Scott, Donald, Turner Lane	9*862-2158
13	Breiling,	9*862-2942
14	Laverty, Guy	9*862-2947

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MAP SHOWING RESIDENT LOCATIONS ADJACENT TO VNC

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**FORMAT OF LETTER OF NOTIFICATION TO RESIDENTS ADJACENT TO VNC SITE**

TO: Resident

SUBJECT: Evacuation of the Vallecitos Nuclear Center

There has been an incident involving radioactive material at the Vallecitos Nuclear Center. The full extent is not known at this time and we are investigating the conditions now.

We do not feel that you are in immediate danger; however, as a precautionary measure we are asking all residents around the edge of the Site to evacuate temporarily.

Personal Considerations

As a precautionary measure, we ask that you refrain from smoking or eating until you arrive at the assembly area and contact our people.

Assembly Point

An assembly point is being set up at \_\_\_\_\_. Please register at this point before going to the motel. We will have people at that point to keep you informed of conditions. The contact phone number is \_\_\_\_\_.

Temporary Lodging

We have arranged motel accommodations for you and your family in the interim period at \_\_\_\_\_. Telephone \_\_\_\_\_. We will reach you at this location to inform you of conditions. Please make yourself comfortable.

Leaving your House

Close windows, make sure major electrical appliances are shut off, lock the doors, and pack an overnight suitcase.

Emergency Operations Commander  
Vallecitos Nuclear Center

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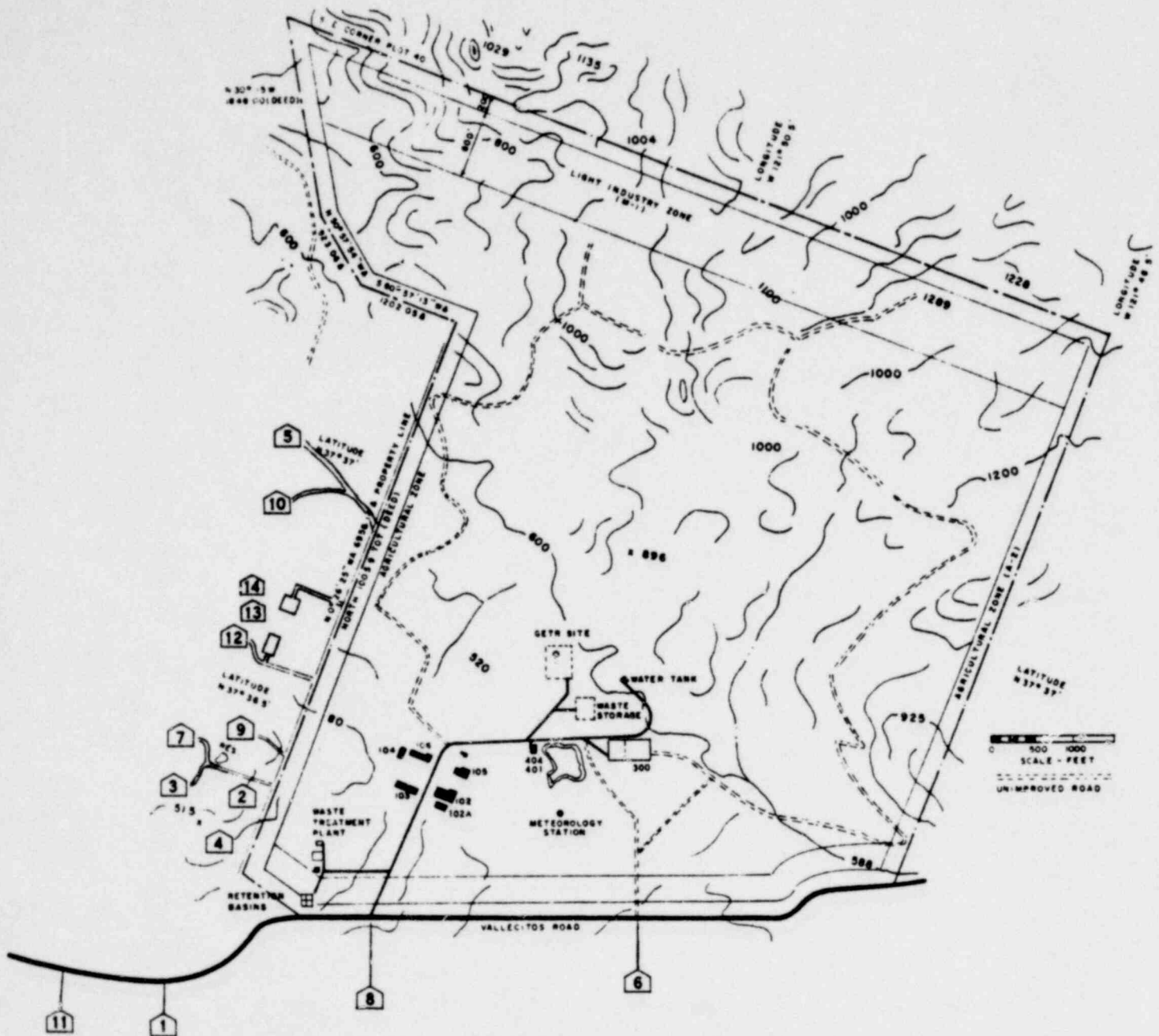
**APPENDIX B**  
**TELEPHONE NUMBERS OF EXTERNAL AGENCIES**

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**APPENDIX B**  
**TELEPHONE NUMBERS OF EXTERNAL AGENCIES**

<u>Name</u>	<u>Number</u>
California Highway Patrol	Dial 9-0
Alameda County Sheriff's Office	Ask for Zenith 1-2000 8*(415)351-2020 or 9*462-1212
Sunol Fire Station	9*862-2196

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**MAP SHOWING RESIDENT LOCATIONS ADJACENT TO VNC**

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