



Federal Emergency Management Agency

Washington, D.C. 20472

JUL 5 1985

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MEMORANDUM FOR: Edward L. Jordan, Director
Division of Emergency Preparedness and
Engineering Response
Office of Inspection and Enforcement
Nuclear Regulatory Commission

FROM: *Richard W. Krimm*
Richard W. Krimm
Assistant Associate Director
Office of Natural And Technological Hazards

SUBJECT: Medical Services Information for the Diablo Canyon
Nuclear Power Station

This is in partial response to your request of May 28, 1985, for medical services information on several nuclear power Near-Term Operating Licenses (NTOL). For these NTOL's, you requested that the Federal Emergency Management Agency (FEMA) confirm that the offsite emergency plans include a list of local or regional medical facilities which have capabilities to provide treatment for radiation exposure.

The following extracts from the Diablo Canyon State and local radiological emergency offsite preparedness plans are attached:

- ° Attachment # 1 from the local plan which names the primary and backup hospitals located within the sparsely populated plume emergency planning zone.
- ° Attachment # 2 from the local plan which contains an inventory of ambulances in the local area.
- ° Attachments # 3 & 4 from the State plan which identify hospitals and other organizations with facilities to provide medical and medical related services.

This information is confirmation that a list of medical facilities has been identified for use in case of an emergency at Diablo Canyon.

Within the State of California, there is a statewide mutual-aid agreement to provide expedient resources from one community to another, as required. The State Office of Emergency Services coordinates mutual aid and also provides State resources support to local government. Further medical advice on the treatment of radiologically contaminated persons or significantly overexposed persons is available through the State Department of Health Services. The State Department of Health Services has responsibility for identifying additional medical facilities capable of handling injured and contaminated persons. The California Nuclear Power Plant Emergency Response Plan also includes identification of Federal level resources to assist State and local governments through activation of the Federal Radiological Emergency Response Plan (FRERP).

If you have any questions, please contact Mr. Robert S. Wilkerson, Chief, Technological Hazards Division, at 287-0200.

Attachments
As Stated

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SAN LUIS OBISPO COUNTY OFFICE OF EMERGENCY SERVICES

SAN LUIS OBISPO COUNTY/CITIES
NUCLEAR POWER PLANT EMERGENCY
RESPONSE PLAN

Latest Update Pages March 1985
(Not officially submitted by
the State of California for
formal review or 350 Process)

II.9 EMERGENCY MEDICAL AND PUBLIC HEALTH SUPPORT

Objective

To provide for continuity of medical services in an emergency, to provide for demands placed upon the medical services sector caused by injured or contaminated individuals, and to provide for health and sanitation needs of evacuees during the immediate emergency period.

Operational Concept

Medical considerations are analyzed in Attachment II.9-1, which indicates the various categories of problems which may need a response, as well as indicating how the conditions under which exposures of medical concern are most likely to occur and what means will be used to identify candidate groups. That analysis indicates the scenarios under which various categories of medical or public health response may be required.

This section deals with those categories of medical and public health response which are of an emergency nature (i.e., requiring actions to take place during the first days after an accident). (Note that the detailed concept of operations for screening centers is covered in Section II.7.4, "Relocation," while the overall concept of operations for congregate care are described in Section II.7.5 "General Evacuation.") All subsequent medical and public health actions are addressed in Sections II.10-II.12, which cover the long-term situation.

If an accident occurs, especially if the duration is long, maintaining continuity of medical services will be important. In addition, there may be need to provide for the emergency treatment of injured individuals who are also contaminated by insuring they are identified as being contaminated and taken to a hospital for treatment. (French Hospital is the primary receiving hospital, and Sierra Vista is the backup hospital. The San Luis Ambulance company is trained in handling this type of patient.) Finally, provisions to provide public health services at congregate care centers in host areas will need to be implemented.

SAN LUIS OBISPO COUNTY
NUCLEAR POWER PLANT
EMERGENCY RESPONSE PLAN

STANDARD OPERATING PROCEDURE
COUNTY HEALTH AGENCY

111.05

August, 1982

Revision C

B-3 cont.

Inventory of Ambulances

| Company | Location | Ambulances | County |
|---|----------------------------------|------------|--------|
| Bay Ambulance | 510 Bonita Ave, Morro Bay | 1 | SLO |
| Five Cities Ambulance Service | 135 S. Halcyon Rd, AG | 2 | SLO |
| San Luis Ambulance Service | 358 Santa Rosa St, SLO | 2-3 | SLO |
| Cambina Ambulance Service | 2515A Main St, Cambina | 1 | SLO |
| North County Ambulance | Atascadero | 1-2 | SLO |
| Professional Ambulance | 1035 Vine St, Paso Robles | 2 | SLO |
| South Bay Rescue | | 1 | SLO |
| Subtotal San Luis Obispo County <u>1/</u> | | 10-12 | |
| Santa Barbara Ambulance Co. | 1230 Coast Village Rd, Montecito | 8 | SB |
| Community Ambulance Service | Lompoc | 3 | SB |
| Subtotal Santa Barbara County <u>2/</u> | | 11 | |
| A-1 Ambulance Service | 241 E. Market, Salinas | 5 | MONT |
| Peninsula Medics | Monterey | 4 | MONT |
| A-1 Ambulance Service | Watsonville | 5 | MONT |
| Big Sur Ambulance | Big Sur | 1 | MONT |
| Carmel Red Cross | Carmel | 1 | MONT |
| Carmel Valley Red Cross | Carmel Valley | 1 | MONT |
| Fort Ord | Fort Ord | 5 | MONT |
| Marina | | 1 | MONT |
| Mid Valley Fire Dept | Carmel | 1 | MONT |
| Pacific Grove Fire Dept. | Pacific Grove | 1 | MONT |
| Seaside Fire Dept. | Seaside | 1 | MONT |
| Soledad | Soledad | 2 | MONT |
| Golden State | King City | 2 | MONT |
| Subtotal Monterey County <u>3/</u> | | 30 | |

B-3 cont.

Inventory of Ambulances (cont)

| Company | Location | Ambulances | County |
|------------------------------------|-------------------------------|------------|--------|
| Hall Ambulance Service | 1001 21st St. Bakersfield | 15 | KERN |
| Golden Empire Ambulance | 731 Union Ave. Bakersfield | 6 | KERN |
| Taft Ambulance | Taft | 2 | KERN |
| Shafter Ambulance Service | 233 Central Avenue Shafter | 1 | KERN |
| Wasco Ambulance Service | 2014 1st St. Wasco | 2 | KERN |
| Delano Ambulance Service | 403 Main St. Delano | 3 | KERN |
| Progressive Ambulance Service | Lake Isabella | 4 | KERN |
| Bohn Ambulance Service | Kernville | 4 | KERN |
| Tri-County Ambulance Service | Ridgecrest | 4 | KERN |
| California City Fire Dept. | California City | 1 | KERN |
| Borak | Boron | 1 | KERN |
| Subtotal Kern County ^{4/} | | 45 | |
| Grand Total (all four Counties) | | 96-98 | |

1/ Dispatched by the Sheriff's Office (911 Telephone Number)

2/ Dispatched by Central Station (911 Telephone Number)
at 1230 Coast Village Road, Montecito

3/ Dispatched by Monterey County Communications
Base Stn. 1: 1200 Aguagito, Monterey
" " 2: 240 Church St., Salinas

4/ Individually dispatched

EMERGENCY MEDICAL SERVICES AUTHORITY
(Classification Center Procedures for
Responding to a Nuclear Power Plant Accident)

February 1983

State of California

Procedure A.3

Attachment 2

HOSPITALS WITH FACILITIES TO TREAT CONTAMINATED PATIENTS

| <u>Name of Hospital</u> | <u>Address</u> | <u>Telephone No.</u> |
|---|---|----------------------|
| A. <u>Diablo Canyon Nuclear Power Plant</u> | | |
| 1. French Hospital | 1911 Johnson Avenue, San Luis Obispo, CA 93406 | (805) 543-5353 |
| 2. St. Francis Memorial Hospital | Hyde Street San Francisco, CA 94109 | (415) 755-4321 |
| B. <u>San Onofre Nuclear Generating System</u> | | |
| Primary | | |
| 1. San Clemente General Hospital | 654 Camino de los Mares San Clemente, CA 92672 | (714) 496-1122 |
| 2. South Coast Community Hospital | 31872 Coast Highway South Laguna, CA 92677 | (714) 499-1311 |
| 3. Tri-Cities Community Hospital | 4002 Vista Way Oceanside, CA 92054 | (714) 724-8411 |
| 4. Scripps Memorial Hospital | 9888 Genessee Avenue La Jolla, CA 92037 | (714) 457-4123 |
| C. <u>Rancho Seco Nuclear Power Plant</u> | | |
| 1. Sutter General Hospital | 3820 "L" Street Sacramento, CA | (916) 454-2222 |
| 2. University Medical | 3215 Stockton Blvd. Sacramento, CA 95817 | (916) 453-2011 |
| 3. American River Hospital | 4747 Engle Road Carmichael, CA 95608 | (916) 486-3222 |
| D. <u>All Sites</u> | | |
| 1. Oak Ridge Associ- ated Universities Medical Division Hospital | Oak Ridge, TN | (615) 482-2441 |

0090W-1

EMERGENCY PLAN AND
OPERATIONS MANUAL FOR THE
RADIOLOGIC HEALTH SECTION OF THE
CALIFORNIA DEPARTMENT OF HEALTH SERVICES

August 1981

This plan was prepared by EnviroSphere Company for the Radiologic Health Section of the California Department of Health Services under Contract No. SA-088. EnviroSphere Project Manager was Dr. John Mauro. RHS Project Manager was Mr. Erik Vold. All work was performed under the technical and administrative direction of Mr. Joseph Ward, Chief of the Radiologic Health Section.

4. Medical Services

Medical services include facilities and other health care facilities capable of handling radiological accidental injuries. "In addition to medical care and services normally assumed by such facilities, provisions are made available to treat radioactively contaminated individuals and medically evaluate radiation exposure cases. Such facilities can also provide bio-assay analytical services and whole body counting capabilities. Appendix VIIIC, Vol. III, Table VIIIC-4 lists such hospitals and facilities, and Appendix VIIIC contains the respective letters of agreement.

TABLE VIII-4

MEDICAL AND MEDICAL RELATED SERVICES

| <u>NAME OF ORGANIZATION</u> | <u>ADDRESS</u> | <u>PERSON CONTACTED</u> <u>TELEPHONE NO.</u> | <u>DESCRIPTION OF MEDICAL OR</u> <u>MEDICALLY RELATED SERVICE</u> | <u>ACCEPTABLE METHODS BY</u> <u>WHICH ARRANGEMENTS</u> <u>MAY BE FORMALIZED</u> | <u>NOTES AND</u> <u>COMMENTS</u> |
|--|--|--|--|---|-------------------------------------|
| Belgosen Nuclear Services | 5587 Sunol Blvd. Pleasanton, CA 94566 | J.J. Bollman (415)846-7545 | Whole body and thyroid counting services from fixed and mobile facilities. | Letter of Agreement | YHE Experience |
| U of California- San Francisco Lab of Radiobiology | UCSF San Francisco CA 94143 | Dr. S. Wolff (415)666-4563 | Analytical chromosomal evaluations (overexposures). Capabilities available for a limited number of analysis. | Letter of Agreement and specific conditional requirements. | |
| U of California-LA Dept. of Radiobiology | UCLA Los Angeles CA 90024 | Dr. A. Horan (213)825-7811 | Analytical chromosomal services (overexposures) biological dosimetry and equipped and staffed for medical radiation emergencies. | Contract | |
| French Hospital | 1911 Johnson Ave. San Luis Obispo CA 93401 | Richard Woolsey Executive Director (805)543-5353 | Treatment of injured personnel who may be contaminated with radioactive materials. | Letter of Agreement | |
| Hoag Memorial Presbyterian Hospital | 381 Newport Blvd. Newport Beach, Ca 92663 | William L. Fagan (714)645-8600 Ext. 2100 | Wants written request from COMS | Unknown | |
| U of California- Irvine | 181 City Drive South Orange, CA 92668 | P. Braumstein Dept. of Radiology | Will provide treatment of injured personnel who may be contaminated with radioactive materials. | Letter of Agreement with specific requirements. | |
| Saint Francis Memorial Hospital | 900 Hyde San Francisco, Ca 94109 | Philip Levine (415)755-4321 (415)755-2736 | Staff being trained by Pacific Gas and Electric on handling patients contaminated with radioactive materials. | Letter of Agreement | |
| General Electric Co. | P. O. Box 468 Pleasanton, CA 94566 | Richard Moschner (415)862-2211 | Whole body and thyroid counting services available. From a fixed facility. | Letter of Agreement | |

TABLE VIII-4

MEDICAL AND MEDICAL RELATED SERVICES

| NAME OF ORGANIZATION | ADDRESS | PERSON CONTACTED TELEPHONE NO. | DESCRIPTION OF MEDICAL OR MEDICALLY RELATED SERVICES | ACCEPTABLE METHODS BY WHICH ARRANGEMENTS MAY BE FORMALIZED | NOTES AND COMMENTS |
|------------------------------|--|------------------------------------|---|--|-----------------------|
| Science Application, Inc. | P.O. Box 2351 La Jolla, CA 92038 | Richard Belanger (619) 456-6424 | Whole body counting with finer equipment. | Letter of Agreement | |