



February 24, 2010

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BY: _____

Harry Sherwood,
Technological Hazards Branch Chief
National Preparedness Division
Department of Homeland Security
REPP Oakland Field Office
FEMA Region IX
1111 Broadway Street, Suite 1200
Oakland, CA 94607-4052

Dear Mr. Sherwood:

Enclosed is California's 2009 report on the Periodic Requirements and Annual Letter of Certification (ALC) related to the Diablo Canyon Power Plant (DCPP) and the San Onofre Nuclear Generating Station (SONGS). The report is in three parts:

1. The California Emergency Management Agency (Cal EMA) and California Department of Public Health (CDPH) Joint Report;
2. the DCPP Report; and
3. the Interjurisdictional Planning Committee's (IPC) Report for the SONGS.

The 2009 report has been prepared in accordance with the Radiological Emergency Preparedness Annual Letter of Certification Review Guide, RG REP 02, Rev 9, dated December 2000. All requisite activities have been acknowledged and completed, as appropriate, by state and local organizations and the licensees.

If you need further information, please contact me at (916) 845-8799 or by email at peg.taylor@calema.ca.gov. By copy of this letter, I would like to thank all of the participants for their valuable input and their hard work as demonstrated in the outstanding achievements outlined in this report.

Sincerely,

PEG TAYLOR
Chief, Prevention & Systems Branch

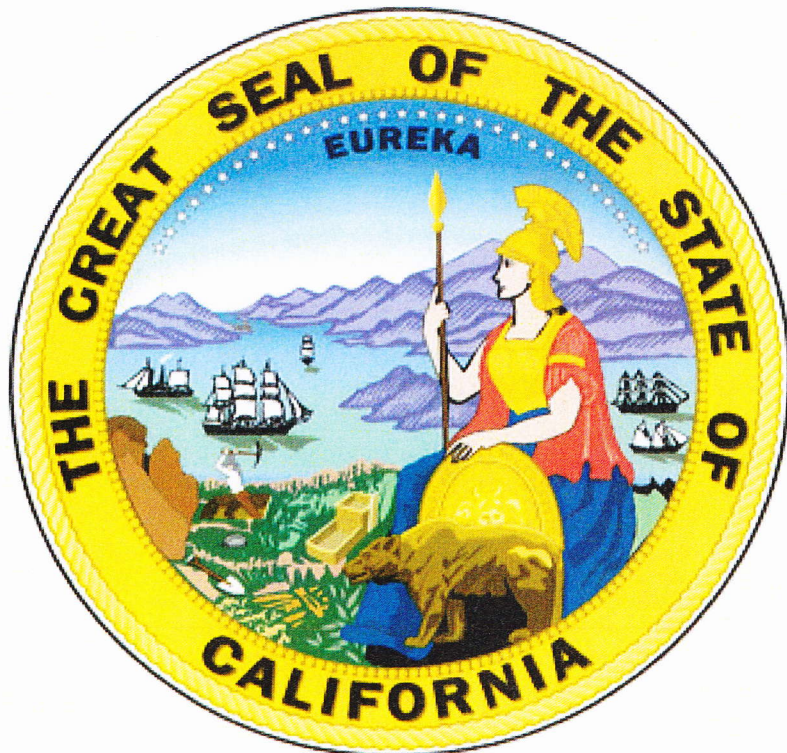


Enclosures (3)

c: Barbara Culverhouse, Southern California Edison
Dan Cleavenger, Southern California Edison
Richard Garcia, Southern California Edison
Mike Ginn, Pacific Gas & Electric Company
Tracey Vardas, Pacific Gas & Electric Company
Ron Alsop, San Luis Obispo County OES
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**State of California
JOINT 2009 Annual Letter of
Certification Report**

**California Emergency Management Agency
(Cal EMA)
and
California Department of Public Health
(CDPH)**



1. Public Education and Information – Planning Standard G

- a.1.2.3 California Department of Public Health (CDPH) is in the process of revising an informational brochure for farmers, ranchers, and distributors of agricultural products in and around the Diablo Canyon Nuclear Power Plant (DCPP) at San Luis Obispo (SLO), California (CA). These brochures will be published and provided to the California Department of Food and Agriculture (CDFA) offices in Sacramento, CA, and county departments located within the 50 mile Ingestion Pathway Zone (IPZ) of the DCPP.

2. Emergency Facilities and Equipment - Planning Standard H

- a.b.c.d. Survey instruments utilized for radiological monitoring of evacuees and emergency workers are owned, stored, operated, inspected, and have calibration arranged for by the local city and county organizations and the utilities that perform the tasks associated with these instruments. Field monitoring teams consist of utility, county, and city fire department personnel who utilize this equipment and are responsible for inspection, inventory, and calibration of their own survey instruments.

CDPH:

CDPH inventoried survey instruments utilized for measuring radiation during environmental monitoring and analysis (field teams and RADLAB) are calibrated annually. Records of calibration are maintained at CDPH HQ in Sacramento.

CDPH maintained eight emergency response kits each containing:

- One Ludlum model 19 micro R meter
- One Technical Associates TBM-3S GM survey meter

Plume Survey Kits:

- Two stored at 1800 E. Lambert, Suite 125, Brea, CA 92821
- Two stored at 850 Marina Bay Pkwy, Bldg. P, 1st Floor, Richmond, CA 94804
- One stored at 10605 Balboa Blvd. Suite 315, Granada Hills, CA 91344
- Three stored at 1616 Capitol Ave, MS 7405, 2nd Floor, Sacramento, CA 95899.

Each dosimetry kit has been tested for accuracy and the electronic pocket dosimeter is calibrated every two years per manufacturer's recommendation. Each kit contains:

- One SAIC PD-10i electronic pocket dosimeter
- One TLD exchanged annually
- One 14-tablet (130mg) blister pack of KI

The survey instruments in the kits are calibrated annually. The kits are sent for calibration on a rotational basis in two groups at two different times of the year to ensure sufficient equipment is available at all times.

These kits are stored at the locations listed below:

- Seven are stored at 1800 E. Lambert, Suite 125, Brea, CA 92821
- One is stored at 10605 Balboa Blvd. Suite 315, Granada Hills, CA 91344
- Two are stored at 850 Marina Bay Parkway, Bldg. P, 1st Floor, Richmond, CA 94804
- Four are stored at 1616 Capitol Ave, MS 7405, 2nd Floor, Sacramento, CA 95899.

Cal EMA:

California Emergency Management Agency (Cal EMA) maintained 280 Nuclear Power Preparedness (NPP) Emergency Response Kits, distributed as follows:

- 130 kits to California Highway Patrol (CHP) – Border Division;
- 50 kits to Caltrans - Orange County District 12 (D-12);
- 50 kits to California (CA) State Parks – Orange Coast District;
- 20 kits to Cal EMA Southern Region staff; and
- 30 kits to Cal EMA Headquarters staff.

Among other items contained in the NPP kits, each included one SAIC PD-3i-S Dosimeter and one Radiation Detection Company Thermoluminescent dosimeter (TLD) badge. The SAIC PD-3i-S self-reading electronic dosimeters were calibrated in 2009 at different times in groups to ensure sufficient equipment was available at all times. The dosimeters are calibrated each year and as recommended by the manufacturer specifications. New TLDs were exchanged out in 2009 and distributed in May for wear period 06/01/09-05/31/10. The old TLDs for wear period 06/01/08-05/31/09 were collected and returned to the manufacturer.

Potassium Iodide:

- Cal EMA had a stockpile inventory of 1,148,000 potassium iodide (KI) tablets; 892,000 (130 mg-adult dose) and 256,000 (65 mg-children's dose); for the residents, students and transient population in the State-defined Emergency Planning Zones (EPZs). Adequate supplies of KI were strategically located near both nuclear power plants for distribution, if needed. October 2009, Cal EMA replaced the expired KI inventory with 50,000 IOSAT (130 mg) tablets for state emergency workers and California Men's Colony (CMC) workers and institutionalized populations. Replaced the expired KI for the state agency emergency worker exposure control kits for: Cal EMA, CDPH, CHP – Border Division; Caltrans - Orange County District 12 (D-12); CA State Parks –

Orange Coast District. 40,000 tablets replaced expired KI supplies for CMC which is located within the State-defined EPZ. The emergency plan for the facility is to shelter the prisoners in place so a 5--day supply is provided for all staff and prisoners. Cal EMA maintains and inspects the KI inventory all labeled IOSAT 130 mg tablets; individually wrapped foil strips containing 14 tablets per strip. The expiration date is 04/2016.

Additional Information on Emergency Facilities and Equipment:

- CDPH has available a large number of portable survey instruments normally used for non-NPP response activities (e.g., radioactive material licensee inspections, environmental monitoring, non-NPP emergency response). These instruments are stored in CDPH offices in Sacramento, Brea, Granada Hills, Richmond, and Sacramento. These instruments are response checked quarterly and calibrated annually or as otherwise recommended by the manufacturer.
- CDPH also has a fully qualified analytical laboratory for analysis of radiological samples. This lab is located in Richmond, CA.
- CDPH possesses and maintains two mobile emergency response trailers – one in Northern California and the other in Southern California. They both contain emergency response equipment including tables, chairs, survey instruments, generator, and outdoor lighting. The one in Southern California includes a radiation portal monitor.
- CDPH Nuclear Emergency Response Program (NERP) possesses and maintains 2 iridium satellite telephones. One is in Northern California (Sacramento) and the other is in Southern California (Granada Hills).
- Cal EMA made available a large number of portable instruments normally used for Waste Isolation Pilot Plant (WIPP) emergency response activities (e.g. respond to unusual events related to the transport of low-level transuranic radioactive waste). These instruments are in the possession of first responding agencies in counties along and adjacent to the Department of Energy's designated WIPP routes throughout CA. The newest designated route runs from the facility(ies) generating the waste to the CA state line. There were first responding agencies in 50 counties with available instruments and additional instruments on hand at Cal EMA. There were 393 instruments during 2009. These instruments were calibrated annually or as otherwise recommended by the manufacturer.
- Cal EMA purchased three (3) trunked mobile and twenty (20) portable radios for CA State Parks, Orange Coast District. The radios are critical for secure interagency communication interoperability between neighboring law enforcement agencies (Orange County Sheriff and San Diego County Sheriff), and more specifically to provide daily secure and direct real-time communication with San Onofre Nuclear Generating Station (SONGS) Security. For SONGS, CA State Parks has a stand-alone nuclear emergency response plan for the Orange Coast District. For

DCPP, in an NPP emergency, CA State Parks is responsible for coordinating the evacuation of the state parks in the DCPD EPZ.

- Cal EMA purchased five (5) Thermo Fisher Scientific portal monitors with vehicle kits for DCPD emergency response activities at the Reception and Decontamination Center (RDC) facilities. DCPD and the County of SLO are responsible for all on-going storage, maintenance, calibrations and service. Additionally, DCPD and the SONGS local jurisdictions participate in mutual aid to ensure that adequate radiological resources are available in their jurisdictions. If needed, the transportable monitors can easily be relocated and used for radiation monitoring of contaminated people and vehicles anywhere in CA.
- Cal EMA purchased equipment/software manufactured by RAE Systems for the Offsite Dose Assessment Center (ODAC) in the SONGS Emergency Operations Facility (EOF) that reduces exposure to field Radiation Monitoring Teams and enhances ability of the ODAC to make quicker accident assessments and protective action recommendations. The upgrade included four (4) portable radiation monitors that transmit radiation and GIS data to the EOF via 900MHz radio. One (1) antenna assembly positioned on the EOF roof will receive this data and transmit it using special cabling to the ODAC in the EOF. Two (2) wireless modems with Integrated Global Positioning System will convert information received by the antenna assembly to data used by two laptop computers in the EOF. Specialized software installed on the two laptops converts the data received to useable information visible live/real time for protective action assessments and protective action recommendations by the ODAC.

3. Exercises - Planning Standard N

FEMA graded exercises are not reported in this document as FEMA evaluates exercises required by the provisions of NUREG-0654, PS N.

4. Drills - Planning Standard N

- a.b.c.d. Individuals representing CDPH Environmental Health Investigation Branch participated in health physics drills at the DCPD in SLO County, CA and at the SONGS in north San Diego County, CA. The dates for these exercises were:

March 17, 2009 SONGS
June 24, 2009 SONGS
July 8, 2009 DCPD
July 29, 2009 DCPD
August 19, 2009 SONGS
September 23, 2009 SONGS
September 30, 2009 DCPD
December 2, 2009 DCPD

Individuals representing Cal EMA participated in the following drills at the DCPD and SONGS:

July 8, 2009 DCPD
July 29, 2009 DCPD
August 19, 2009 SONGS
September 23, 2009
September 9, 2009 SONGS Medical Drill
September 30, 2009 DCPD
December 2, 2009 DCPD

- CDPH Environmental Management Branch (EMB) and Radiologic Health Branch (RHB) health physicists performed dose assessment through computer modeling programs with data resulting from simulated radioactive releases from the power plants. CDPH health physicists receive and input data into the dose modeling programs from the field monitoring teams who provide simulated measurements of elevated airborne and liquid samples during the drills. During radiological drills at SONGS and DCPD, Joint Information Center (JIC) drills were performed. CDPH public information officers, risk specialists, and health physicists participated through dissemination of radiation-related health information resulting from simulated radioactive releases from the power plants.
- California State Warning Center (CSWC) represents the State in the monthly communications drills initiated by the utilities.

5. Radiological Emergency Response Training - Planning Standard O

a.1.2.3.4.5.6.

Nineteen (19) individuals from CDPH participated in drills and were trained. The training consisted of reviewing plant systems, and monitoring points with respect to data required to populate fields in the computerized dose projection programs. Emergency Action Levels (EALs) and each position's procedures and responsibilities were also reviewed.

Training Type/Scope

Sponsor:

Date:

Agencies Represented:

Radiological Emergency Planners

Course, L340/E340

FEMA

January 27-30, 2009

Cal EMA, OC Emergency Management,
OC Fire Authority, OCHCA, SONGS,
City of San Clemente, State Parks OC
District, SLO Co. OES, City of Dana

Number Participating:	Point, Maricopa Co. Arizona, Arizona Div. of EM, CalTrans District 12, CDPH, FEMA RIX & HQs 14 (2 CDPH) (12 Cal EMA)
<u>Training Type/Scope</u>	Independent Study (IS)-331, Introduction to Radiological Emergency Preparedness (REP) Exercise Evaluation
Sponsor:	FEMA
Date:	January 27-30, 2009
Agencies Represented:	Cal EMA
Number Participating:	1
<u>Training Type/Scope:</u>	IPC Exercise Design Subcommittee Training
Sponsor:	various agencies
Date:	January 29, 2009
Agencies Represented:	Cal EMA, City of San Clemente, OC HCA, OC SD, State Parks OC Dist., City of Dana Point
Number Participating:	8 (Cal EMA)
<u>Training Type/Scope:</u>	Independent Study (IS)-120.A Introduction to Exercises
Sponsor:	FEMA
Date:	May 25, 2009
Agencies Represented:	Cal EMA
Number Participating:	1
<u>Training Type/Scope:</u>	Homeland Security Exercise and Evaluation Program (HSEEP) Training. Intermediate-level toolkit/methodology. Exercise conduct, program management, design & development, evaluation, and improvement planning.
Sponsor:	FEMA
Date:	May 26-29, 2009
Agencies Represented:	Cal EMA
Number Participating:	2

Training Type/Scope: Response Information Management System (RIMS) 6.4 Training: updates to California's emergency response reporting/data collection system (enhanced tools, features and functionality)
Sponsor: Cal EMA
Date: June 26, 2009
Agencies Represented: Cal EMA
Number Participating: 8 (Cal EMA)

Training Type/Scope: Nuclear Power Preparedness (NPP) 101 Training/Review planning, training and exercise concepts that are unique to nuclear power plant emergencies. Basic information about nuclear power preparedness, exercise participation, and nuclear fundamentals & biological effects.
Sponsor: Cal EMA
Date: July 28, 2009 (Mather)
Agencies Represented: Cal EMA, CDPH, EMSA, CNG, CDSS, CA DMH
Number Participating: 34

Training Type/Scope: NPP 101 Training (see type/scope above)
Sponsor: Cal EMA
Date: August 4, 2009 (Mather)
Agencies Represented: Cal EMA, CDPH, CDFA, CHP,
Number Participating: 43

Training Type/Scope: State Operations Center (SOC) SONGS Exercise Position Briefing/Training
Sponsor: Cal EMA
Date: August 5, 2009
Agencies Represented: Cal EMA
Number Participating: 16

Training Type/Scope: NPP 101 Training/(see description above)
Sponsor: Cal EMA (Los Alamitos)
Date: August 6, 2009
Agencies Represented: Cal EMA, CDPH, DDS
Number Participating: 11

<u>Training Type/Scope:</u>	SONGS SOC Position/Tabletop Training
Sponsor:	Cal EMA
Date:	July 29, 2009
Agencies Represented:	Cal EMA
Number Participating:	

<u>Training Type/Scope:</u>	SONGS Exercise Controller Training
Sponsor:	Cal EMA
Date:	July 30, 2009
Agencies Represented:	Cal EMA
Number Participating:	5

<u>Training Type/Scope:</u>	MERRT – Modular Emergency Response Radiological Transportation Training
Sponsor:	Continuing Challenge, HazMat Workshop
Date:	September 9-11, 2009
Agencies Represented:	Cal EMA
Number Participating:	1 (Cal EMA)

6. Update of Plans and Letters of Agreement - Planning Standard O

The CDPH has no Letters of Agreement (LOAs) pertinent to NPP functions. In addition, CDPH has no new emergency response facilities, communication systems or congregate care facilities. CDPH's current emergency response facilities, communication systems, and congregate care facilities have not undergone substantial changes in 2009.

Cal EMA plans have been reviewed for accuracy and completeness of information and the appropriate changes have been made.

7. Alert and Notification – Appendix 3

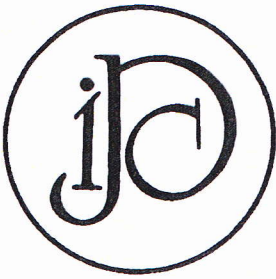
CDPH and Cal EMA do not own nor operate any Community Alert Siren Systems.

Abbreviations and Acronyms

CA	California
Cal EMA	California Emergency Management Agency
CDFA	California Department of Food and Agriculture
CDPH	California Department of Public Health
CHP	California Highway Patrol
CMC	California Mens Colony
CSWC	California State Warning Center
DCPP	Diablo Canyon Power Plant
EAL	Emergency Action Level
EMB	Environmental Management Branch
EOC	Emergency Operation Center
EOF	Emergency Operation Facility
EPZ	Emergency Planning Zone
FMT	Field Monitoring Team
FEMA	Federal Emergency Management Agency
GM	Geiger Mueller
GPS	Global Positioning System
HQs	Headquarters
IAP	Incident Action Plan
ICS	Incident Command System
IPZ	Ingestion Pathway Zone
IS	Independent Study
KI	Potassium Iodide
JIC	Joint Information Center
LOA	Letter of Agreement
NEI	Nuclear Energy Institute
NERP	Nuclear Emergency Response Program
NIMS	National Incident Management System
NPP	Nuclear Power Plant or Nuclear Power Preparedness
NRC	Nuclear Regulatory Commission
NREP	National Radiological Emergency Preparedness
NUREG	Nuclear Regulation
OCR	Optical Character Recognition
ODAC	Offsite Dose Assessment Center
OES	Office of Emergency Services
OHS	Office of Homeland Security
PG & E	Pacific Gas and Electric
PIO	Public Information Officer
RDC	Reception and Decontamination Center
REOC	Regional Emergency Operation Center

RERO	Radiological Emergency Response Operations
RHB	Radiologic Health Branch
SAIC PD-3i-s	Science Applications International Corporation Self-Reading Electronic Dosimeter
SCE	Southern California Edison
SEMS	Standardized Emergency Management Agency
SLO	San Luis Obispo
SOC	State Operations Center
SONGS	San Onofre Nuclear Generating Station
State Parks	California State Parks
State OES	Governor's Office of Emergency Services
TBM-3S GM	Alpha-Beta-Gamma Survey meter with its internal standard pancake Geiger Mueller tube detector
TLDs	Thermoluminescent Dosimeters
UDAC	Unified Dose Assessment Center
USDOT	United States Department of Transportation
WIPP	Waste Isolation Pilot Plant

End of Report



**Interjurisdictional Planning Committee
For the
San Onofre Nuclear Generating Station**



**2009 Report of
NUREG 0654/FEMA-REP-1 Periodic Requirements**

The Interjurisdictional Planning Committee (IPC) is codified by the California Health & Safety Code (§ 114650a7). The committee is comprised of representatives from the Offsite Responding Organizations responsible for and dedicated to the protection of the public's health and safety. This group has met monthly since 1981.

IPC Mission Statement:

“Promote nuclear power preparedness through agency coordination and integration of emergency plans”

Primary members include:

- City of San Clemente
- City of Dana Point
- City of San Juan Capistrano
- County of Orange
- County of San Diego
- California Department of Parks and Recreation
- USMC Camp Pendleton
- Southern California Edison (SCE)

Associate Members include:

- California Highway Patrol (CHP)
- American Red Cross (ARC)
- Capistrano Unified School District (CUSD)
- Orange County Fire Authority (OCFA)
- Oceanside Fire Department
- Mission Hospital and Regional Medical Center
- California Emergency Management Agency (Cal EMA)
- California Department of Public Health (CDPH)
- Federal Emergency Management Agency (FEMA)
- Nuclear Regulatory Commission (NRC)

1. PUBLIC EDUCATION AND INFORMATION - PLANNING STANDARD G

A robust annual public education program is in place and maintained. Copies of collateral are available upon request.

- a. Annual dissemination of information to the public was completed. Information includes, but not limited to, how the public is notified and what their actions should be in an emergency. The collateral is available upon request.
- b. State Park Areas were not expanded and new transient areas were not added to the Emergency Planning Zone. The transient population has opportunities to become aware of emergency information.
- c. Emergency information is available to other transient populations via phone books and websites.
- d. A media program is in place to acquaint news media with emergency plans, information on radiation, and points of contact for release of public information in an emergency. This was completed via a mailing to appropriate TV, radio, and print broadcast outlets.

Specific program elements include:

Joint IPC Public Education and Assistance Efforts	Orange County	San Diego County	San Clemente	Dana Point	San Juan Capistrano	USMC Camp Pendleton	CA State Parks	SCE	State Of California
(a & c)AT&T Phone Book Customer Guide White Pages - South Orange County (May) - North San Diego County (June) Delivered to all residences and businesses in the Emergency Planning Zone (EPZ)	X	X	X	X	X	X	X	X	
(a) Ever-Ready Newsletter – A multi-hazard newsletter delivered to all residences and businesses in the EPZ (Spring) - Includes special needs tear out card - Spanish language newsletter request	X	X	X	X	X	X	X	X	
(a) Camp Pendleton Supplemental Brochure containing Base specific information provided to new residents in EPZ						X		X	
(b) Camp Pendleton Camper Cards containing emergency preparedness information. Provided to transient beach population						X		X	
(b) CA State Parks Camper Cards provided to visitors at entrance stations. Maintain 27 public information bulletin boards, which contain emergency preparedness information for transient beach population							X	X	

Joint IPC Public Education and Assistance Efforts	Orange County	San Diego County	San Clemente	Dana Point	San Juan Capistrano	USMC Camp Pendleton	CA State Parks	SCE	State Of California
(a) SDG&E New Resident Letter – distributed as new residents and businesses relocate in EPZ	X		X	X	X		X	X	
Annual Siren Test Mailer delivered to all residences and businesses in EPZ. Mailer includes special needs tear out card and information in Spanish	X	X	X	X	X	X	X	X	
Annual Siren Test school packets were developed and distributed to public and private schools as well as daycare facilities in the EPZ. Packets included siren test and other emergency preparedness information.			X	X	X	X		X	
Caltrans District 12, Orange County provides fixed Changeable Message Signs as needed to inform the public of emergencies, real time traffic information and siren test alerts									X
KWVE-FM, issued a public announcement in conjunction with Annual Siren Test	X								
An NRC End-of-Cycle public meeting was held on July 31. Members discussed support for SONGS and their preparedness.	X	X	X	X	X	X	X	X	X
Response to public inquiries is handled on a case-by-case basis. Discussion topics have included: special needs population, public notification of an emergency, public protective actions, Reception and Decontamination Center locations, Potassium Iodide, and the public address feature of the Community Alert Siren System may be utilized.	X	X	X	X	X	X	X	X	
(d) SCE's Corporate Communications mailed updated press kits to 61 media outlets and 79 journalists in December. Press kit includes, but is not limited to, contacts for News Media Personnel, overview of response actions, radiation, Q&A, glossary, how power is generated.								X	
A Model Nuclear Power Plant Emergency Plan for Private Schools and Childcare Facilities is maintained.	X	X	X	X	X	X	X	X	X

Additionally, individual jurisdiction/agency outreach activities for 2009 were completed. Topics included emergency preparedness, radiation, security, IPC organization, and plant operations.

Individual Agency Public Education and Outreach Activities	
Dana Point	The City hosted an Emergency Preparedness EXPO on 8/29 which provided the community an interactive opportunity to learn more about emergency preparedness and included participation from SONGS..
	The City maintains information on the City's website as an additional means of providing disaster preparedness information to the public. This site contains NPP information derived from the material in the telephone directory.
San Clemente	The City maintains emergency information on its website. The main page frequently features news on events such as quarterly siren growl testing, annual siren tests and any planned individual siren maintenance. The Emergency Preparedness portion of the website includes Nuclear Events and related activities such as evacuation, transportation, KI and the EPZ. The front page of the City's website receives approximately 900 hits per day.
	Presented radiological emergency preparedness information to various community group including Home Owners Associations and Community Emergency Preparedness Academy (CEPA) participants.
San Juan Capistrano	The City maintains emergency information in its website in both English and Spanish.
	Provided two training sessions to Community Emergency Response Team (CERT) members regarding operations and emergency information for SONGS
	Presentation on SONGS to local senior housing facility (09/17)
	Presentation to two (2) private head start programs (11/18) Presentation to City's Leadership Academy (12/02)
SONGS	Participated in Dana Point Safety Expo, Orange County 5 th District Supervisor Disaster Preparedness Expo (Oct 17), San Diego Science Festival (4/4), Irvine Safety Expo (8/1), San Clemente Safety Expo (1/20, 1/21, 2/17, 3/16, 4/15, 5/13, 5/20, 6/11, 6/19, 6/23, 7/16, 7/29)
	Disaster Preparedness presentations were provided to various City emergency preparedness academies, civic organizations, and church groups. (3/31 and 9/17)
	Emergency Management presentations were provided to Palomar Community College Emergency Management Certification Program
	A public information 800 number is maintained and supported.

2. EMERGENCY FACILITIES & EQUIPMENT – PLANNING STANDARD H

Emergency Facilities

Following is a summary of improvements and/or modifications to Emergency Operations Centers.

Emergency Facility	Status
Orange County	There are no new emergency response facilities, communications systems, or reception and decontamination facilities and none of the current facilities, communications system or reception and decontamination facilities in the plans have undergone substantial changes.
San Diego County	There are no new emergency response facilities, communications systems, or reception and decontamination facilities and none of the current facilities, communications system or reception and decontamination facilities in the plans have undergone substantial changes. The campus of the existing reception and decontamination facility at Carlsbad High School is currently undergoing construction changes affecting the parking lot. A secondary reception and decontamination facility with corresponding schematics has been identified at Valley Middle School in Carlsbad.
San Clemente	There are no new emergency response facilities, communications systems, or reception and decontamination facilities and none of the current facilities, communications system or reception and decontamination facilities in the plans have undergone substantial changes.
Dana Point	There are no new emergency response facilities, communications systems, or reception and decontamination facilities and none of the current facilities, communications system or reception and decontamination facilities in the plans have undergone substantial changes.
San Juan Capistrano	There are no new emergency response facilities, communications systems, or reception and decontamination facilities and none of the current facilities, communications system or reception and decontamination facilities in the plans have undergone substantial changes.
CA State Parks	There are no new emergency response facilities, communications systems, or reception and decontamination facilities and none of the current facilities, communications system or reception and decontamination facilities in the plans have undergone substantial changes. All 50 dosimeters and TLDs, located at the Orange Coast District office were replaced and/or recalibrated as of 12/2009 and stored at the State Park EOC.

Plume Survey Kits

Instrumentation is calibrated and inventoried annually by SONGS per manufacturer's instructions. The kits are also re-inventoried within 14 days of use. Documentation is available upon request.

Location	Number of Kits
Orange County Fire Station #4 - Irvine	3
Oceanside Fire Station #1 - Oceanside	3
Camp Pendleton Fire Station # 1 - USMC Camp Pendleton	3

Portal Radiation Monitors

The portal monitors are performance tested semi annually and response checked prior to use, in accordance with manufacturer's instructions. Documentation is maintained and available upon request of the respective jurisdiction.

Location	Model/Quantity	Qty
Orange County, 2228 Ritchey St, Santa Ana OC Health Care Agency EOC	SAIC PPM-2000	16
	Canberra Mini Sentry	8
Camp Pendleton Fire Station # 1, USMC Camp Pendleton	SAIC PPM-2000	6
San Diego County Department of Environmental Health Hazardous Materials Office; 1175 Imperial Avenue, San Diego	SAIC PPM-2000	3
San Diego County Office of Emergency Services; 5555 Overland Avenue, San Diego	SAIC PPM-2000	3

Radiation Survey Meters

Survey instruments are calibrated and inventoried annually and response checked prior to use. Documentation is maintained and available upon request from SONGS and the respective Emergency Operations Centers.

Location	Model/Quantity	Qty
Orange County, 2228 Ritchey St, Santa Ana OC Health Care Agency EOC	Ludlum Measurement Model 2241	18
	Ludlum Measurement Model 2241-2	2
San Diego County Office of Emergency Services 5555 Overland Avenue, San Diego	Ludlum M 2241 Digital Rate meters	4
Tri-City Medical Center, Oceanside	Eberline E-140	2
Saddleback Hospital San Clemente Campus	Eberline E-140	2
Mission Hospital and Medical Center, Mission Viejo	Eberline E-140	2
South Coast Medical Center, South Laguna	Eberline E-140	2

Thermoluminescent Dosimeters (TLDs) are inventoried and replaced annually in January.

Electronic Direct Reading Dosimeters are inventoried annually and are calibrated and maintained in accordance with manufacturer's instructions. Documentation is maintained and available upon request from SONGS and the respective jurisdiction.

Note 1: Local and County Agencies use Radiation Detection XB GN TLDs.

Note 2: Local and County Agencies use Aloka MyDose Mini Pocket Dosimeters.
Dana Point maintains Rados 50R/60R Personal Dosimeters
State Agencies use SAIC PD-3-i-s Electronic Dosimeters

Potassium Iodide (Emergency Worker and Public). Sufficient quantities of Potassium Iodide (KI) are available to emergency workers and the general public. Expirations dates are maintained by the responsible agency.

Note 3: (1) ISOSAT 130 Mg for Adults, (2) Thyrosafe 65 Mg

Agency	Location	TLD Qty	EDRD Qty Notes 1 & 2	KI Qty Note 3
Orange County	American Red Cross, OC Chapter, 601 North Golden Circle Dr, Santa Ana	10	10	10
	CUSD Transportation Department, 2B Liberty, Aliso Viejo	150	150	150
	Health Care Agency			
	Animal Care, 561 The City Drive South, Orange	15	15	15
	Emerg. Medical Svcs., PO Box 355, Santa Ana	100	100	100
	Environ. Health, 2009 E. Edinger Ave, Santa Ana	15	15	47
	Orange County Fire Authority, 1 Fire Authority Road, Irvine	100	100	100
	Orange County Sheriff's Department			
	Aliso Viejo Sub Station, 11 Journey	249	249	249
	San Clemente Sub Station, 100 Avenida Presidio	2	2	2
	Emergency Management	507	507	507
San Diego County	OCTA, 550 South Main Street, Orange	30	30	30
	OC Public Works, 2301 N. Glassel, Orange (Dana Point Yard 4) (Glassel Yard 16)	20	20	20
	RDMD/Agriculture Commissioner, 10852 Douglass Road, Anaheim	2	2	2
	5555 Overland Avenue, Bldg 19	124	21	9,500 (1) 25,600 (2)
	Oceanside Radmon Team – Fire Station 1	24	6	150
	Encinitas Sheriff's Substation	50	15	100
	EOC Liaison	n/a	1	4
San Clemente	Hazardous Incident Response Team	n/a	6	4
	Sr. Health Physicist	n/a	1	4
	EOC, 390 Pico Ave. Building H	65	47	305
	900 Calle Negocio	0	2	224
	Facilities, 380 Pico Ave Bldg A	19	16	36
	Police Services, 100 Ave. Presidio	14	14	70
	Golf Course Admin., 402 Calle Bahia	2	1	2

Agency	Location	TLD Qty	EDRD Qty Notes 1 & 2	KI Qty Note 3
Dana Point	33282 Golden Lantern Drive	50	20/30	50 Cases
San Juan Capistrano	32400 Paseo Adelanto	50	29	210
CA State Parks	3030 Avenida del Presidente	50	50	700
CHP	Border Division, 9330 Farnham St, San Diego	130	20	1820
	Oceanside Area, 1888 Oceanside Blvd		30	
	Capistrano Area, 32951 Camino Capistrano		30	
	San Onofre Inspection Facility, I5 Northbound at mile post marker (MPM) 67.335, PO Box 2030, Oceanside		30	
	Temecula Area, 27685 Commerce Center Dr.		10	
	Westminister Area, 13200 Golden West St.		10	
Caltrans	CHP Border Division, 9330 Farnham St, San Diego	50	50	700
CUSD	KI tablets are distributed to all CUSD Schools in the EPZ	150	150	20,820 (1) 14,630 (2)

The NRC shipped new KI which will be inspected during the Mar 2010 biennial exercise.

- The KI is all labeled ThyroSafe 65 mg tablets. Broken down, the KI comes in individual packages containing 20 tablets per package (2 separate blister packs of 10 tablets each).
- Total is 1,358,040 - 65 mg tablets.
- The only agency that has received their distribution of new KI (took possession 2010) is Capistrano Unified School District. They now have 50,000 tablets.
- Minus the 50,000 the CUSD received leaves a total of 1,308,040 tablets being housed at the Orange County Health Care Agency
- There are two different expiration dates on the shipment, 12/2014 and 7/2015.

3. EXERCISES – PLANNING STANDARD N

FEMA evaluates exercises required by the provisions of NUREG-0654, planning standard N; therefore, this information need not be included with the ALC.

Type	Agencies Represented	No. of Participants	Sponsor
R&D-Functional / Drill (11/10)	SCE, Costa Mesa Fire Dept., OC Health Care Agency, Orange County Sheriff Dept., Orange County Fire Authority	26	Orange County
EOC Section-Table Top / Functional (9-9)	OC Child Support Services, Orange County Sheriff Dept., Health Care Agency, Orange County Waste and Recycling, OC Tax Collector, OC Social Services Agency	33	Orange County
EOC Executive Tabletop (7/28)	City of San Clemente	16	City of San Clemente

4. DRILLS – PLANNING STANDARD N

- a. Communications drills were conducted. Documentation for a particular activity is available from the sponsoring organization and/or individual agency.
- b. See a.
- c. There was a FEMA graded biennial medical drill on September 9, 2009
- d. Health Physics drills are conducted during scheduled site drills.

Drill	Agencies Represented	No. of Participants	Sponsor
(a.) Communications Test between SONGS and State and local governments within the plume exposure EPZ - Monthly Yellow and Blue phone tests	Orange County, San Diego County, San Clemente, Dana Point, San Juan Capistrano, CA State Parks, Camp Pendleton, CHP and California State Warning Center (CSWC)	13/month	IPC
MS-1 Medical Drills Mission Hospital (9/9)	Hospital Emergency Room Staff; SONGS Fire Department; Health Physics, Medical	30/drill	SONGS
(a. & e.) SONGS Site Drill (3/17) Communications links between SONGS and State and local EOCs and field assessment teams (6/24)	SD County OES (3); SD Public Safety Group; Dana Point, San Juan Capistrano, San Clemente, Cal EMA, CA State Parks, SD Health Care Agency San Diego OES (2), Orange County Sheriff Department	41	SONGS
Unannounced Yellow Phone Drill (1/8/09)	SD County	1	SONGS

Additional Drills:

Drills	Agencies Represented	No. of Participants	Sponsor
Metrolink Presentation (04/21) Metrolink TTX (07/09)	San Juan Capistrano	23	San Juan Capistrano
Community Alert Siren System Test (10/21)	Cal Trans does not activate sirens. Caltrans participated in the test by activating three changeable message signs and monitoring the traffic in the area.	3	SONGS
FEMA Interviews (9/21)	KOGO Radio AM 600 and OES (EAS) Cal EMA and OES (KI)	1	San Diego County

5. RADIOLOGICAL EMERGENCY RESPONSE TRAINING – PLANNING STANDARD O

Records and lesson plans/presentations are available upon request from the sponsoring organization and/or individual agency.

Training/Date Provided	Agencies Represented	No. Trained	Sponsor
Medical Services Training (MS-1). Provide instruction for handling contaminated patient (2/9, 8/26, 8/27, 9/2)	Mission Hospital and Mercy Air Ambulance	~40	SONGS
Emergency Responder Seminar - Provide overview of plant operations, security, radiation & IPC organization (7/22)	Orange County Fire Authority, Dana Point, San Diego County OES (1), San Clemente, San Juan Capistrano, CalTrans, Orange County Sheriff's Dept; OC Transportation Authority, CUSD, CA State Parks, CDPH, Cal EMA, CHP, OC Health Care Agency	28	SONGS
JIC PIO Training (7/29)	Orange County, Cal EMA, San Juan Capistrano, San Clemente, Dana Point USMC Camp Pendleton, Red Cross, CUSD	20	SONGS
ENC (JIC) PIO Training (3/17, 6/24, 7/29)	CA State Parks-Public Information Officers	2	SONGS
EOF Liaison Training (8/11)	San Diego County, Orange County, San Clemente, San Juan Capistrano, Dana Point, USMC Camp Pendleton, CHP, CA State Parks	10	SONGS
Basic SONGS Overview/EOC Training (7/23, 7/28)	San Diego County	55	San Diego County
PIO Section Training (9/8)	CEO, OC Public Works, OC Sheriff Dept Orange County Sheriff Department, OC Health Care Agency, Orange County Fire Authority	6	Orange County
SONGS Executive Level Plume Training (2/27, 8/7, 9/3)	Orange County Sheriff Department	20	Orange County
SONGS Law Enforcement Tour (6/11)	CA State Parks	10	SONGS
R&D Hands On Training (2/18)	OC Health Care Agency, OCSO	13	Orange County
SONGS Section Chief/Branch Director Plume Training (9/10)	OC Courts, OC Social Services Agency, OC Health Care Agency, OC Waste and Recycling, OC Public Works, Orange County Sheriff Dept., Orange County Transportation Authority, OC Child Support Services, CEO, OC Auditor Controller, OC Human Resource, Cal EMA, Tax Collector, RACES and Orange County Fire Authority	27	Orange County
Portal Monitor Training - Provide instruction on the setup and use of portal monitors. (6/10 and 12/14)	OC HCA, Emergency Management	20	Orange County/ SONGS

Training/Date Provided	Agencies Represented	No. Trained	Sponsor
Section Training (6/2, 11, 15, 17, 18, 23, 25, 30, 7/9, 15, 16, 22, 9/9 and 10)	OC Courts, OC Social Services Agency, OC Health Care Agency, OC Waste and Recycling, OC Public Works, Orange County Sheriff Dept., Orange County Transportation Authority, OC Child Support Services, CEO, OC Auditor Controller, OC Human Resource, Cal EMA, OC Tax Collector, RACES and Orange County Fire Authority	806	Orange County
RERO, Advanced RERO, RAAC Courses (2/24-29, 5/18-23, 6/9-14, 7/28-31, 8/11-14)	OC Health Care Agency	12	Orange County
EOC Emergency Worker Training (1/9)	City of Dana Point	50	Dana Point
ODAC, EOC, RDC (1/23, 3/30, 10/21)	Orange County Health Care Agency	46	Orange County
ODAC Tabletop Training (6/19, 8/17 and 9/21)	Orange County Health Care Agency, San Diego County	36	SONGS
ODAC Radiation Monitoring Team Training (7/31, 8/3, 9/14, 9/15)	Orange County Fire Authority, Oceanside Fire Department, Camp Pendleton Fire Department and Camp Pendleton NBC Teams	35	SONGS
EOC overview for upcoming Evaluated Exercise (8/6)	San Juan Capistrano	20	San Juan Capistrano
EOC Functional Position Section Training (6/23 through 8/14)	San Juan Capistrano	23	San Juan Capistrano
EOC Functional Position Section Training (7/7, 7/16, 7/21, 7/29, 7/31)	City of San Clemente	48	San Clemente
Alert & Warning Coordinator Training (9/16)	City of San Clemente	2	San Clemente
SONGS Informational Training (11/2)	City of San Clemente	12	San Clemente
ICS 300, Intermediate ICS for Expanding Incidents (12/9-12/10)	City of San Clemente	16	San Clemente
First Responder Training (1/1 - 9/30/2009)	CHP Personnel work closely with SONGS to keep officers who work in response to areas surrounding the plant, informed Security Events and trained in emergency response. CHP personnel participate in different types of drills with SONGS annually.	900	CHP
Emergency Plan and Phased Evacuation Training (Jan - Dec 2009)	CA State Parks-Peace Officers, Park Maintenance Staff, Seasonal Staff, and Administrative Staff	154	CA State Parks
EOC Operation (8/18)	CA State Parks-Peace Officers, Park Maintenance Staff, Seasonal Staff, Administrative Staff, and Jr. Lifeguards	122	CA State Parks

Training/Date Provided	Agencies Represented	No. Trained	Sponsor
EOC Operation (8/25)	CA State Parks- Managers, Administrative Staff, Park Maintenance Chiefs, and Field Supervisors	13	CA State Parks
PIO training (9/23)	CA State Parks-Peace Officers, Managers, Field Supervisors, Maintenance Staff, Admin Staff, Seasonal Staff	41	CA State Parks

6. UPDATE OF PLANS AND LETTERS OF AGREEMENT – PLANNING STANDARD P

a. Emergency Plans and Letters of Agreement

Emergency Plans and letters of agreement are reviewed on a periodic basis. Documentation is maintained and available upon request from the responsible agency.

Agency	Document	Status
Orange County	Emergency Plan	Plans and letters of agreement have been reviewed for accuracy and completeness of information and the appropriate changes have been made.
San Diego County	Emergency Plan	Plans and letters of agreement have been reviewed for accuracy and completeness of information and the appropriate changes have been made.
San Clemente	Emergency Plan	The City of San Clemente has reviewed its plans and letters of agreement for accuracy and completeness of information. Appropriate changes have been made.
Dana Point	Emergency Plan	Plans and letters of agreement have been reviewed for accuracy and completeness of information and the appropriate changes have been made.
San Juan Capistrano	Emergency Plan	Plans and letters of agreement have been reviewed for accuracy and completeness of information and the appropriate changes have been made.
CA State Parks	Emergency Plan	State and local Emergency Plans as well as letters of agreement (LOA) have been reviewed for accuracy and completeness. An update of the California State Parks Emergency Plan (as it pertains to the command structure) is currently in process and was initially expected to be completed and sent to press by June 2009, however this has been delayed to March 2010 due to unforeseen events. With the exception of the proposed addition of SURCOM response protocols to the CA State Parks Emergency Plan and updates to command structure and EOC layout, there are currently no changes to the June 2009 emergency Plan as there are no new emergency response facilities or communication systems.

California Highway Patrol	Emergency Plan	<p>Plans and letters of agreement have been reviewed for accuracy and completeness of information and the appropriate changes have been made. Emergency response plans were fully revised in June 2009 and revised again in September 2009 based on what was learned during the FEMA exercise preparation.</p> <p>In 2009 CHP Border Division moved its EOC from the Division office to the Border Communications Center (BCC). The BCC is located in the San Diego Transportation Management Center (TMC), which is a facility shared by Caltrans and CHP. A specific room was chosen and converted into the EOC. The EOC is officially here and functional, although we are still in the process of completing the EOC.</p> <p>The EOC has six CHP positions, three Caltrans positions and one dispatch position for a dispatch supervisor. The thought behind the design was to enable CHP and Caltrans to work more closely together managing emergency incidents. This joint EOC allows CHP and Caltrans' resources to be used more effectively.</p> <p>The EOC has video conferencing capability through the San Diego Regional Command and Control Communication (3Cs) network. The 3Cs network an independent private microwave communications network which directly connects public safety agencies and allows for more efficient inter-agency collaboration.</p>
California Emergency Management Agency	Emergency Plan	Plans have been reviewed for accuracy and completeness of information and the appropriate changes have been made.
SONGS	Medical Agreements	All Medical agreements were reviewed and verified as accurate and current

7. **ALERT AND NOTIFICATION – APPENDIX 3**

- a. SONGS tests and maintains 52 sirens in the Emergency Planning Zone. A routine siren test program was completed in accordance with the approved design report.

1. **Scheduled Testing**

Scheduled tests included bi-weekly silent, quarterly growl, and the annual audible test.

2. **Dates**

The dates of the tests follow:

Silent Test		Growl test	Complete Cycle Test - Audible
1/15/09	1/21/09	2/13/09	10/21/09
2/04/09	2/19/09	6/11/09	
3/03/09	3/16/09	8/05/09	
3/30/09	4/14/09	12/11/09	
5/04/09	5/11/09		
6/04/09	6/15/09		
6/29/09	7/10/09		
7/20/09	8/11/09		
8/28/09	9/08/09		
9/16/09	10/07/09		
10/15/09	10/29/09		
11/10/09	12/2/09		
12/11/09	12/24/09		

3. Following is a summary of sirens that tested both operable and inoperable for the calendar year.

Total sirens Tested last 12 months	1612
Total sirens that tested operable last 12 months	1601
Total sirens inoperable – last 12 months	11

- b. NRC Performance Indicator. The analysis of the scheduled siren testing in 2009 was well above the 90%. The results follow. The percentages were calculated in accordance with NEI 99-02 Rev 6.

Element Name	Q1/2009	Q2/2009	Q3/2009	Q4/2009
Successful Siren-tests	415	360	359	467
Successful siren-tests last 12 months	1699	1645	1591	1601
Total sirens tested	416	364	364	468
Total sirens Tested last 12 months	1716	1664	1612	1612
Performance Indicator Percentage	99.0%	98.9%	98.7%	99.3%

1. The computation of siren operability for the immediately preceding calendar year period is provided. This is determined by a simple average of all regularly conducted tests employed as part of the testing program.

2. The site value for this indicator is calculated as follows:

Number of successful siren - tests in the previous 4 qtrs.

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Total number of siren - tests in the previous 4 qtrs. X 100 = the percentage

c. Tone Alert Radios are not used.

d. Special Alerting Systems may be used to notify the population in the Emergency Planning Zone. Available systems include, but are not limited to:

Agency	(1) Public Address Available	(2) Mobile Route Alerting	(3) Institutional Alerting	(4) Automatic Dialers	(5) EAS Broadcast	(6) 800 MHZ Radios	(7) Other
Orange County	N/A	X	X	AlertOC	X	X	
San Diego County	N/A	N/A	N/A	Alert San Diego	X	X	
CA State Parks	X	X	N/A	N/A	N/A		
San Clemente	X	X	X	AlertOC	N/A		RACES
Dana Point	X	X	X	AlertOC	N/A		RACES
San Juan Capistrano	N/A	X	X	AlertOC	N/A		RACES

(1) Public Address (PA) features are available for the coastal jurisdictions of Dana Point, San Clemente and CA State Parks. Additionally, all 10 Camp Pendleton sirens have (PA) capabilities and one of the nine sirens in San Juan Capistrano has PA capability. All jurisdictions tested the PA capability in conjunction with the annual audible test.

(2) Mobile route alerting is available and plans are in place to implement as needed.

(3) Institutional Alerting (i.e., hospitals, schools, etc) will be completed by Orange County in coordination with the cities.

(4) Auto dialers (i.e., reverse 911 type systems) are used and tested on a periodic basis by all jurisdictions. They have been tested and used during actual emergencies.

(5) The EAS system is activated by Orange and San Diego Counties. It is tested on a monthly basis.

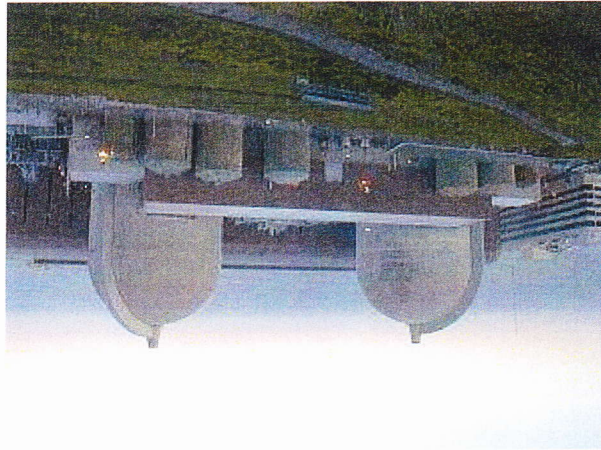
(6) 800 MHz Radios are employed. Interoperability between responding and law enforcements agencies has been tested. Radios are tested on a periodic basis.

- (7) This may include RACES.
- e. The maintenance program for special alerting systems has been properly implemented in accordance with jurisdictional policies and practices.
 - f. For the areas where mobile route alerting and notifications occurs, the routes, alerting methods, and resources remain unchanged.
 - g. Sound pressure levels continue to meet all regulatory guidance.
 - h. Siren coverage and transient populations have not changed.

END OF REPORT

2009 Report for the Diablo Canyon Power Plant (DCPP)

Radiochemical Emergency Preparedness Requisite Activities NUREG 0654/FEMA-REP-1



**San Luis Obispo County
Radiological Emergency Preparedness
Requisite Activities Completion List
Calendar Year 2009**

1. Public Education and Information

A. Annual dissemination of information to the public performed:

- The AT&T telephone directory which is distributed throughout San Luis Obispo (SLO) County by AT&T, serves as the primary means for providing updated emergency preparedness information to the public on an annual basis. To ensure the public can easily find information during an emergency, the inside cover of the directory contains a full page advertisement directing people to the Diablo Canyon Power Plant (DCPP) emergency information section inside the directory. This information was reviewed and updated by the SLO County Office of Emergency Services (OES) and Pacific Gas and Electric Company (PG&E). In addition to the AT&T telephone directory, the inside cover of the AT&T business directory also contained a full-page advertisement with reference to the SLO County OES website <http://www.slocounty.ca.gov/OES.htm>.
- A separate emergency preparedness information brochure was distributed throughout the DCPP Emergency Planning Zone (EPZ) as a handbook for planning special needs and protective actions. The brochure contained summary emergency planning information similar to the AT&T telephone directory and a postage paid special needs card. The brochure was designed for reference by both residents and visitors of SLO County.
- English and Spanish brochures containing the same information published in the AT&T directory were also updated in 2009. These brochures were distributed to the public upon request and were also used during training sessions with emergency response personnel.
- New in 2009 was a public information campaign regarding the pre-distribution of KI to residents who live or work in the EPZ. This included new phone book information, a mailing of letter and KI voucher to all residents, and updates to the Public Health Department and OES websites for SLO County.
- Siren information stickers were distributed to local businesses, parks and recreational areas within the DCPP EPZ.
- Postcards were mailed to DCPP EPZ residents and businesses to promote awareness of scheduled siren tests.
- An internet website (www.slocounty.ca.gov/oes) was maintained with information on general emergency planning and NPP information, specifically, including all the information sent out by hardcopy to residents within the EPZ.
- A significant advertising campaign and outreach effort was conducted by PG&E and SLO County with local media outlets that promoted awareness for the annual full-scale siren test conducted on August 22, 2009. This year the campaign included

having Caltrans advertise the siren tests on their highway signs as well as having an airplane fly over with siren information.

- A DCPD emergency planning information telephone line (805) 546-5292 was maintained to provide emergency preparedness information for SLO County residents.
- DCPD also maintained a toll free number (800) 333-4964 and customer services general reference website, which could be activated and used during emergency response to a DCPD event.
- A program focusing on special needs populations was maintained by SLO County OES titled "No Assistance Required." This involved sending letters, placards and a FEMA brochure titled "Preparing for Disaster for People with Disabilities and other Special Needs" to persons who signed up for the special needs list. This program will enable special needs individuals to notify emergency responders if they have safely evacuated following an emergency.
- Local government representatives surrounding DCPD responded to public inquiries about nuclear power preparedness on a case-by-case basis. Questions have included: 1) how the public is notified of a nuclear power plant emergency; 2) what the public should do when notified; 3) where the public would go; 4) how special needs groups should obtain transportation; 5) how radiation affects the human body; 6) concerns relating to distribution of KI and how they may obtain a supply; 7) how the siren system works; and 8) what the public can do to be more prepared during an emergency.
- Copies of any of the above mentioned publications are available upon request from SLO County Office of Emergency Services.

B Year Maintenance and Sign Updates

- Not applicable for 2009

C Transient Populations

- Informational brochures, siren test post cards and siren stickers were delivered to hotels, parks, campgrounds, tourism information centers and other recreational areas within the DCPD EPZ for use by transient populations.

D News Media

- Local news media are invited to attend training and emergency planning exercises. Media interface and education is an ongoing process that includes local media active in reporting current events involving DCPD. DCPD and SLO County OES distributed emergency public information, news releases and reference materials to local media. Local television and print media crews were in attendance at our 2009 NPP Congregate Care and Decontamination Exercise.

2. Emergency Facilities and Equipment

A Survey equipment inspection

- Per the agreement between PG&E/Diablo Canyon and San Luis Obispo County OES, PG&E is responsible for equipment inspection and calibration.
- DCPD maintained portal monitoring equipment, field monitoring team kit instruments and supplies, and environmental monitoring and analysis equipment in accordance with emergency response plans and procedures. DCPD maintained and upgraded equipment in offsite emergency response facilities including the Emergency Operations Facility (EOF) and Joint Media/Information Center (JMC/JIC).
- DCPD Radiation Protection staff and SLO County Environmental Health staff performed quarterly inspection, inventory and operational checks of survey instruments and environmental monitoring and analysis equipment used by radiological field monitoring teams.
- DCPD Radiation Protection staff performs quarterly inspections of laboratory and radiological field monitoring teams.
- DCPD Field Monitoring Team kits are inspected quarterly using Emergency Plan Maintenance and Test (EP-MT) Procedures, which are on-file at the DCPD EOF.
- Kit quantity, location and dates of inspection/inventory are on file at the DCPD EOF.

B Radiation measuring instruments

- Per the agreement between PG&E/Diablo Canyon and San Luis Obispo County OES, PG&E is responsible for equipment inspection and calibration.
- San Luis Obispo County has 66 Ludlums for radiation monitoring. 12 are located in the County General Services Logistics Supply Building at 1475 Kansas Ave. in San Luis Obispo. The other 54 Ludlums are split between two decontamination trailers, adjacent to the County EOC.
- DCPD Radiation Protection staff maintains emergency evacuation kits both onsite and offsite. The inventory of these kits is performed using EP-MT procedures, which are on-file at the DCPD EOF. Kit inventor and inspection frequency are on file at the DCPD EOF.
- DCPD Radiation Protection personnel also maintain kits at two local area hospitals. The kits are inspected quarterly using EP-MT procedures, which are on-file at the DCPD EOF. Hospital kit inventories for primary facility (French Hospital Medical Center) and alternate facility (Marian Medical Center) are on file at the DCPD EOF.

C Direct-reading dosimetry tested for accuracy

- Personal Electronic Dosimeters: PG&E supplies 1,300 PEDs for offsite response organizations. PG&E calibrates all PEDs (in batches of 200) annually for distribution by SLO County OES to emergency workers.
- Thermoluminescent Dosimeters (TLDs): PG&E supplies more than 2500 TLDs for offsite response organizations which are distributed annually by SLO County OES.

- Both PEDs and TLDs are distributed inside and outside the DCPD EPZ.
- The PEDs are manufactured by Thermo Electron Corporation, and the TLDs are manufactured by Radiation Detection Company. See attached spreadsheet for amount and location of both.
- DCPD Radiation Protection maintains dosimetry and KI supplies available for offsite first response personnel responding to the site and for DCPD emergency response organization staff.
- Kits are inventoried quarterly using EP_MT procedures, which are on-file at the DCPD EOF. Kit quantity and location are on file at the DCPD EOF.

D Potassium Iodide (KI) supplies available

- SLO County maintains sufficient amounts of KI for all emergency workers and will distribute new KI in early 2010 (current KI expiration date is March 2010). KI and associated extension letters were inspected by FEMA at the July 29, 2009 and December 2, 2009 evaluated exercises.
- San Luis Obispo County OES has approximately 3,000 doses of KI that is stored for emergency workers. Of that total, 2,009 are located in emergency worker exposure control kits at pre-designated agencies and county departments. See attached spreadsheet for KI locations.
- KI for the general public is currently being transitioned into a pre-distribution program – all residents within the EPZ were sent letters and vouchers for KI. Any one who works and/or lives in the EPZ can get their supply of KI by taking the voucher to one of five locations in the EPZ. To date approximately 4000 boxes, each containing 20 65 mg tablets of KI, have been distributed. Distribution for the public during an emergency will no longer take place. The NRC shipped new KI which all labeled ThyroSafe 65 mg tablets. Broken down, the KI comes in individual packages containing 20 tablets per package (2 separate blister packs of 10 tablets each). Total is 203,300 – 65 mg tablets.

The new replacement KI is located at:

San Luis Obispo County Public Health Department, 2191 Johnson Avenue

It's being distributed to the public via three pharmacies:

The Medicine Shoppe
1199 Los Valley Road, Los Osos

Best Care Pharmacy
1590 West Grand Avenue, Grover Beach

Dana's Health Plus
948-A Foothill Boulevard, San Luis Obispo

3. Exercises

- A FEMA evaluated exercise took place on July 29, 2009 for Monitoring and Decontamination of Emergency Workers and equipment.
- A FEMA evaluated exercise took place on December 2, 2009 for Reception, Monitoring and Decontamination of the general public.
- A FEMA evaluated exercise took place on December 3, 2009 for medical response, transportation and treatment of a contaminated, injured individual.

4. Drills

A/B Communication Drills

- Accomplished through CAWAS daily/monthly testing and actual use.
- Monthly tests to REOC, US Coast Guard, and NRC from SLO County EOC.
- Monthly communication tests to local governments within EPZ.
- Monthly communication drills were conducted with the SLO County Sheriff's Department and California State Warning Center (CSWC). These organizations serve as the offsite notification points for a declared emergency at DCP.
- Individuals representing DCP, SLO County and other state & local agencies participated in the following drills and exercises in 2009:

May 27	DCP full scope drill including UDAC, FMTs
July 8	NPP dress rehearsal for Emergency Worker and Equipment Monitoring and Decontamination
July 29	FEMA evaluated NPP exercise for Emergency Worker and Equipment Monitoring and Decontamination
August 26	DCP full scope drill including UDAC, FMTs
September 2	DCP full scope drill including UDAC, FMTs
September 30	NPP dress rehearsal for Reception, Monitoring and Decontamination
November 12	Dress Rehearsal for annual Medical Drill
December 2	FEMA evaluated NPP exercise for Reception, Monitoring and Decontamination
December 3	FEMA evaluated annual Medical Drill

- Additionally, PG&E conducted numerous drills throughout the year, including table top drills and accountability and assembly drills.

5. Radiological Emergency Response Training

- Please see attached training record summary.
- Utilities and state & local government representatives participated in training sessions covering various aspects of the training categories identified in NUREG-0654, including: accident assessment; decision making; emergency worker roles; local support services; public information and radiological monitoring; medical.
- SLO County OES and DCP Emergency Planning conducted training sessions with

local public safety agencies and emergency workers. Training sessions included participants from fire, law enforcement, emergency medical services, hospitals and schools.

- In coordination with SLO County OES, DCPD provided an 8-hour "Intro to Diablo Canyon" training course in May 2009. DCPD also conducted an 8-hour refresher course for fire service personnel in October 2009.

6 Update of Plans and Letters of Agreement

- All SLO County/Cities NPP Emergency Response Plan and standard operating procedures were reviewed and 10 standard operating procedures were revised in 2009, as well as an administrative update of the NPP Admin Plan. These have all been previously submitted to the state and FEMA for review.
- All Letters of Agreement were reviewed for accuracy and completeness of information.

7 Alert and Notification

A. Routine Siren Testing

- Silent siren tests were conducted by PG&E once every two weeks, growl tests were conducted on a quarterly basis (January, April, July and October) and the annual audible siren test was conducted on Saturday, August 22, 2009 with two separate activations at 12:00 noon and again at 12:30 p.m. All 131 sirens were successfully sounded and tested.
- The DCPD Early Warning System (EWS) was tested in accordance with federal guidelines and NUREG-0654 Appendix E.

B Analysis of Operable Sirens

- All 2009 siren tests were completed in coordination with SLO County and resulted in a 99.95% reliability average (as of 11/30/2009) for the year.
- Specific descriptions of the method used for calculations are available for review at the DCPD EOF.

C Residential Tone Alert Program

- No residential tone alert program exists in San Luis Obispo County. However, tone alert radios are in all schools, special care facilities, hospitals and other miscellaneous facilities. These radios are tested monthly.

D Special Alerting Systems

- Route alerting by emergency workers can be implemented should our primary notification systems fail. Route alerting maps, directions, and siren locations were

updated in 2008 and are distributed to applicable jurisdictions. Route alerting is a component of annual training to emergency workers.

E Facility Tone Alert Program

- SLO County OES provides tone alert radios to schools, special care facilities, hospitals, and miscellaneous facilities. These tone alerts are tested on a monthly basis, with an extensive location-specific test conducted annually. An inventory of the tone alert radios is maintained and routinely updated by SLO County OES.

F Mobile Route Alerting Maps

- Route alerting by emergency workers can be implemented if necessary. These maps were updated in 2009 and will be distributed to applicable jurisdictions when finalized.

**DIABLO CANYON POWER PLANT
EARLY WARNING SYSTEM
2009 SIREN TEST SCHEDULE**

<u>MONTH & YEAR</u>	<u>DATE:</u>	<u>TYPE OF TEST</u>	<u>ACTIVATION LOCATION</u>
January 2009	6 13 & 14 20	Silent Test Growl Test Silent Test	EOC/WC EOC/WC SLO ECCO
February 2009	3 17	Silent Test Silent Test	EOC/WC SLO ECCO
March 2009	3 17 31	Silent Test Silent Test Silent Test	EOC/WC SLO ECCO EOC/WC
April 2009	7 & 8 14 28	Growl test Silent Test Silent Test	EOC/WC SLO ECCO EOC/WC
May 2009	12 26	Silent Test Silent Test	SLO ECCO EOC/WC
June 2009	9 23	Silent Test Silent Test	SLO ECCO EOC/WC
July 2009	7 21 28 & 29	Silent Test Silent Test Growl test	SLO ECCO EOC/WC EOC/WC
August 2009	4 18 22	Silent Test Silent Test ANNUAL TEST	SLO ECCO EOC/WC EOC 12:00PM – ECCO 12:30PM
September 2009	1 15 29	Silent Test Silent Test Silent Test	SLO ECCO EOC/WC SLO ECCO
October 2009	6 & 7 13 27	Growl Test Silent Test Silent Test	EOC/WC EOC/WC SLO ECCO
November 2009	10 24	Silent Test Silent Test	EOC/WC SLO ECCO
December 2009	8 22 29	Silent Test Silent Test Silent Test	EOC/WC SLO ECCO EOC/WC

Acronyms:

Electrical Control Center Operations (ECCO)
Emergency Operations Center (EOC)
San Luis Obispo (SLO)
Watch Commander (WC)