PUBLIC AGENCIES, PLEASE READ THE NOTE, BELOW -

This copy of the plan contains private and/or confidential telephone numbers; as such, this copy is for public safety and related public agency use only; for a copy of the plan with numbers deleted, please contact San Luis Obispo County OES.

SAN LUIS OBISPO COUNTY

DAM and LEVEE FAILURE EVACUATION PLAN

San Luis Obispo County

Office of Emergency Services

Revised September 2002
Administrative Update August 2007
Revised July 2008

PLAN ADOPTION

This is the official San Luis Obispo County plan for responding to dam or levee failures at locations identified in this document. The Plan's responsibilities and authorities are effective as indicated below. The plan will be reviewed annually or as appropriate, such as after emergency incidents. Updates which are not related to County of San Luis Obispo policies will be coordinated and completed by the County Office of Emergency Services in conjunction with other affected County departments and jurisdictions, including County Public Works.

As this plan is intended to provide overall emergency management coordination, jurisdictions and agencies with specific operational and field response duties are encouraged to develop procedures, as necessary, to supplement this document.

_____

Chair, Board of Supervisors
County of San Luis Obispo

July 2008

PREFACE

This Plan is formally a part of the San Luis Obispo County Emergency Operations Plan, as an annex. Overall information on the County's emergency response organization is included in the Emergency Operations Plan. This Dam and Levee Failure Evacuation Plan contains information specific to actions that may be necessary in the event of a problem with a dam or levee and supplements the Emergency Operations Plan.

As an overall emergency management and coordination document, this plan generally does not address specific field response actions by public safety, public works, and related agencies. Agencies responsible for specific field response actions and other duties should development and/or maintain response plans and/or procedures specific to their roles. Such plans and/or procedures should be consistent with this document and with the National Incident Management System (NIMS) and the Standardized Emergency Management System (SEMS), including the Incident Command System (ICS).

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SAN LUIS OBISPO COUNTY
OFFICE OF EMERGENCY SERVICES

REVISION PAGE

DESCRIPTION	DATE
Original Plan	February 1987
Complete Revision	April 1991
Administrative Revisions (phone numbers and name changes)	September 1996
Complete Revision	September 2002
Administrative Revisions (phone numbers and name changes/references such as AT&T to SBC, Phillips 66 to ConocoPhillips, and minor format corrections)	March 2005
Administrative Revision	August 2007
Revision to add levees and general minor updates overall	April 2008

SECTION 1 - INTRODUCTION

1.1 PURPOSE

The primary purpose of this plan is to establish and define emergency management procedures and organizational response for overall coordination of public protective public actions that may be needed in the event of failure at one of the following dams or levees. General overview maps of potential inundation areas in the event of a failure can be found for each of the dams listed below in an attachment near the end of this plan.

- Lopez
- Righetti
- Salinas (Santa Margarita Lake)
- San Antonio
- Terminal
- Twitchell
- Whale Rock
- Arroyo Grande Creek Levee
- Santa Maria River Levee

A secondary purpose of this plan is to establish logistical support guidelines for response actions in support of Monterey County in the event of dam failure at Nacimiento or San Antonio Dam as well as related response issues in San Luis Obispo County.

This plan may also be used as a guideline for responding to actual or potential problems with smaller dams or levees not covered by or included in this document (certain dams may not be included due to State guidelines, such as smaller size and/or no known threats to human improvements).

As an overall emergency management and coordination document, this plan generally does not address specific field response actions by public safety, public works, and related agencies. Agencies responsible for specific field response actions and other duties should develop and/or maintain response plans and/or procedures specific to their roles. Such plans and/or procedures should be consistent with this document and with the National Incident Management System (NIMS) and Standardized Emergency Management System (SEMS).

1.2 OBJECTIVES

The objectives of this plan are:

- Provide an overview of the threats posed by failure of the dams covered in this plan
- Provide an overview of the threat posed by the levee covered in this plan
- Define and explain initial emergency organizational responses to a dam or levee failure
- Establish guidelines under which the county and allied emergency organizations can operate upon notification of a potential or actual failure of one of the dams or the levees covered in this plan
- Provide initial response guidance to members of the county emergency organization

1.3 AUTHORITIES

- California Government Code (Chapter 7, Div. 1, Title 2) Section 8550 et seq. "California Emergency Services Act."
- San Luis Obispo County Code (Ord. No. 1384) Chapter 2.80 Emergency Organization and Functions.
- San Luis Obispo County Emergency Operations Plan

1.4 PLAN ORGANIZATION

This plan is a component of the San Luis Obispo County Emergency Operations Plan (EOP). Many response actions will be based on the use of EOP supporting documents such as Standard Operating Procedures (SOPs) for positions that will be staffed in the County Emergency Operations Center (EOC).

As an emergency management plan, this document generally does not address specific field response actions by public safety, public works, and related agencies.

The Dam and Levee Failure Evacuation Plan is made up of an administrative section and various attachments. The administrative portion contains an overview of the plan, hazard assessment, explains the planning basis for development of the plan, provides an overview of the emergency management system, and explains the concept of operations.

The attachments provide guidance for initial response actions, pre-scripted public information messages, basic inundation maps, and related information.

The attachments are intended to be used as initial response guides for the County Sheriff's Department, County Office of Emergency Services, and allied agency personnel.

Follow up and more specific response actions for personnel who will be staffing the County Emergency Operations Center (EOC) are detailed in various Standard Operating Procedures (SOPs) and Standard Operating Guidelines (SOGs) developed for many of the EOC positions that will be staffed to manage the county's response effort. These SOPs and SOGs are contained in separate documents and are not included with this plan.

1.5 PLAN JURISDICTION

While this plan covers responses within the unincorporated area of San Luis Obispo County, the county also fills the role of Operational Area Coordinator for Interagency Coordination in certain emergency circumstances, mutual aid and related resources requests, and related functions as described in the State of California's Standardized Emergency Management System (SEMS) regulations.

The Operational Area Coordinator role involves coordinating interagency and multi-jurisdictional response in a number of circumstances, such as responding to a potential or actual dam or levee failure. The role of Operational Area Coordinator also includes obtaining situation status and resource requests from cities and other entities in the county. As such, when County OES or Public Works or the Sheriff's Department is notified of a potentially imminent or actual dam failure to one of the dams or levees listed in this plan, the county may take a role in coordinating the multi-jurisdictional emergency management response under the provisions of this plan, and the County Emergency Operations Plan.

1.6 COMMON ACRONYMS

The following common acronyms are used in this plan and/or related documents:

ARES	Amateur Radio Emergency Services
ARC	American Red Cross
BAG	Basic Activation Guide (initial response guidelines for OES)
CAL FIRE	California Department of Forestry and Fire Protection
CHP	California Highway Patrol
CCC	California Conservation Corps
COE	County Office of Education
DAC	Disaster Application Center
DOC	Department Operations Center
EAS	Emergency Alert System
ESC	Emergency Services Coordinator
ESD	Emergency Services Director
EOC	Emergency Operations Center
EWS	Early Warning System Sirens

IC	Incident Commander
ICS	Incident Command System
NIMS	National Incident Management System
OA	Operational Area
OES	Office of Emergency Services (State OES or County OES)
PIO	Public Information Officer
PA	Public Address System
PSAP	Public Safety Answering Point (9-1-1 answering center)
PW	Public Works
RACES	Radio Amateur Civil Emergency Service
REOC	Regional Emergency Operations Center
SWC	State Warning Center
SEMS	Standardized Emergency Management System
SD	Sheriff's Department
USCG	United States Coast Guard
W/C	Sheriff's Department Watch Commander

SECTION 2 - HAZARD ASSESSMENT

2.1 AREA DAMS and LEVEES

The dams and levees specifically noted in this plan are: Lopez, Righetti, Salinas, San Antonio, Terminal, Twitchell, Whale Rock, Nacimiento, the Arroyo Grande Creek levee, and the Santa Maria River levee.

While Nacimiento Dam is located within the county of San Luis Obispo, the responsibility for planning for failure of that dam rests with its operator, Monterey County. However, it is possible that flood waters due to a failure of Nacimiento Dam could impact the community of San Miguel. As a result, information is included in this plan related to that possibility.

Although San Antonio Dam lies within Monterey County, it is believed that there could be some impact to structures and other improvements within the portion of the potential inundation area that is located in San Luis Obispo County.

2.1.1 Lopez Dam

At full capacity, Lopez Reservoir contains 49,388 acre feet of water behind an earth filled dam constructed in 1969. A project to increase the dam's strength to withstand an earthquake took place in 2001-2002. Lopez Dam is owned and operated by San Luis Obispo County Flood Control and Water Conservation District.

In the event of complete dam failure, water is expected to flow in a westerly direction, following the channel of Arroyo Grande Creek (approximately 3,000 feet in each direction of the centerline of the creek), to and through the jurisdictions of the cities of Arroyo Grande and Grover Beach, the community of Halcyon, impacting parts of Oceano and Pismo Beach, and dissipating into the Pacific Ocean. Potential major impact to life and property in the communities of Arroyo Grande, Grover Beach, Halcyon, Oceano and Pismo Beach is possible.

If the dam ruptured while the reservoir was at full capacity, approximately 10,000 - 12,000 residential and business occupants in the county could be affected. Special facilities affected may include Biddle Park (weekend and holiday estimated population 500+), Pismo State Beach/Oceano Campground (weekend and holiday estimated population 300+), Oceano Airport, Arroyo Grande High School, South County Sanitation District wastewater treatment plant, and Union Pacific Railroad. Roads flooded may include parts of Lopez Drive, Huasna Road at Lopez Drive, and Highway 1 in Oceano. Facilities near the mapped inundation area include Arroyo Grande Community Hospital, Harloe Elementary School, Oceano Elementary School, and care facilities for the elderly.

Using information from the year 1999 "Inundation Map Given the Hypothetical Failure of Lopez Dam", with the assumption that initial reservoir storage was at 100%, it is

estimated that flood waters from the failure of the dam could reach Huasna Road in about 30 minutes and U.S. 101 in about 40 minutes.

2.1.2 Righetti Dam

At full capacity, Righetti Reservoir contains 591 acre feet of water behind an earth filled dam constructed in 1966. It is owned and operated by a private party.

In the event of a complete dam failure, water is expected to flow in a southwest direction along West Corral de Piedra Creek (approximately 200 to 1,000 feet in each direction of the centerline of the creek), dissipating at Highway 227. No major impact to life and property is anticipated.

Approximately 40 residential occupants in the county could be affected. No special facilities would be affected by a dam failure. Roads flooded may include parts of Righetti Road; Orcutt Road at Biddle Road; and Highway 227 for approximately 2,000 feet north of Carpenter Canyon Road.

2.1.3 Salinas Dam

At full capacity, Santa Margarita Lake/Reservoir, which is contained by the Salinas Dam, has 23,000 acre feet of water behind a concrete (variable radius arch) dam constructed in 1942. It is owned by the U.S. Army Corps of Engineers and operated by San Luis Obispo County Flood Control and Water Conservation District.

In the event of a complete dam failure, water is expected to flow in a northerly direction along the Salinas River approximately 300 to 500 feet in each direction of the centerline of the river, with occasional fingers in low-lying areas, up to the Atascadero area; at Atascadero, flood area widens to approximately 1,000 feet each side of the centerline of the river up to Wellsona; at Wellsona it widens to 2,000 feet each side of the centerline of the river up to San Miguel; at San Miguel it narrows slightly up to and past the Monterey County line and Camp Roberts. Much of the water will be retained in the Salinas River bed.

Approximately 1,000 to 2,000 residential and business occupants in the county could be affected. Special facilities affected may include the Union Pacific rail lines. Major roads flooded may include parts of Las Pilitas Road, State Highways 41, 46 and 58, Indian Valley Road, North River Road near Paso Robles, Highway 101, and Main Street in Templeton.

2.1.4 San Antonio Dam

At full capacity, San Antonio Reservoir contains 348,000 acre feet of water behind an earth filled dam constructed in 1965. It is owned and operated by the Monterey County Flood Control and Water Conservation District. The dam and the majority of the flood inundation area is located within Monterey County.

In the event of complete dam failure, primary flooding would occur in Monterey County, and only one small pocket within San Luis Obispo County would pose a potential risk to county residents.

Approximately 3 to 7 residential occupancies in the County could be affected. There are no special facilities. Roads flooded may include parts of Nacimiento Lake Drive (G19), a County road.

2.1.5 Terminal Dam

At full capacity, Terminal Reservoir contains 844 acre feet of water behind an earth filled dam constructed in 1969. It is owned and operated by the County Flood Control and Water Conservation District.

In the event of a complete dam failure, water is expected to flow in a southerly direction, following the channel of Arroyo Grande Creek (approximately 300 to 1,000 feet in each direction of the centerline of the creek) for approximately 2.5 miles. No major impact to life and property is anticipated.

Approximately 15 to 20 residential occupants could be affected. No special facilities would be affected by a dam failure. Roads flooded may include parts of Lopez Drive and Cecchetti Road.

2.1.6 Twitchell Dam

At full capacity, Twitchell Reservoir contains 240,100 acre feet of water behind an earth filled dam constructed in 1958. It is owned by the Bureau of Reclamation and operated by the Santa Maria Valley Water Conservation District.

In the event of a complete dam and levee failure, primary flooding would occur in Santa Barbara County, and only a few pockets within San Luis Obispo County would pose a life safety risk to county residents. These pockets, located in the southern part of the Oso Flaco area, would not pose a major impact to life and property.

Approximately 100 to 160 residential and business occupants in the county could be affected. Special facilities affected may include the Union Pacific Railroad, and Oso Flaco Lake Park. Major roads flooded would include portions of Highway 1 near the County line.

2.1.7 Whale Rock Dam

At full capacity, Whale Rock reservoir contains 40,600 acre feet of water behind an earth filled dam constructed in 1960. It is owned by the Whale Rock Commission and operated by the city of San Luis Obispo.

In the event of a complete dam failure, water is expected to flow in a southwesterly direction along Old Creek (approximately 1,000 feet in each direction of the centerline of the creek) up to the Town of Cayucos at 13th Street and Ocean Avenue. At 13th Street and Ocean Avenue the flooding area may widen to include 3rd Street to the north and Willow Creek (Old Creek Road) to the south until it dissipates into the Pacific Ocean. Major impact to life and property to approximately one third of the community of Cayucos is anticipated.

Approximately 1,500 residential, recreational, and small business occupants could be affected. Potentially affected special facilities include the Cayucos Water Treatment Plant, the cemetery and a fiber optic line in the area. Major roads flooded may include portions of Highway 1.

2.1.8 Nacimiento Dam

When Nacimiento Lake is full, it has a maximum storage capacity of 377,900 acre feet of water behind the earth filled Nacimiento Dam. Construction of the dam was completed in 1957. It is owned and operated by Monterey County.

The Nacimiento River flows 12 miles from the dam to the confluence with the Salinas River. The Salinas River carries the Nacimiento Dam releases to the Pacific Ocean through the Salinas Valley. The trip is approximately 110 miles from the Nacimiento/Salinas confluence.

About one mile of private property is located adjacent to the Nacimiento River below the dam. One vacation home is on this private property near the river. The remaining property, Camp Roberts, is owned U.S. Army and leased to the California National Guard, and contains no permanent residential structures near the river. The community of San Miguel and surrounding areas could receive minor flooding.

During a major flood event, Highway 101 will experience flooding from Camp Roberts through San Ardo. The normal access to Nacimiento Dam via the southerly Jolon Road Exit would be flooded in about two hours.

While most of the flood waters would flow north in and along the Salinas River in Monterey County, some flood waters would flow south toward the community of San Miguel. According to the Monterey County Emergency Action Plan for Nacimiento Dam, the estimated flood elevation will be 620 feet above sea level in San Miguel. The approximate elevation of San Miguel is 620 feet above sea level.

The estimated flood arrival time in San Miguel due to a failure of Nacimiento Dam is about one hour and forty-five minutes, with the peak arrival time estimated to be two hours and thirteen minutes. The time estimated to de-flood is three hours and forty-six minutes.

2.1.9 Arroyo Grande Creek Levee

Arroyo Grande Creek drains a 157 square mile watershed located in west-central San Luis Obispo County. The main stem of Arroyo Grande Creek flows through the communities of Arroyo Grande and Oceano and is an important regional waterway for the communities of Arroyo Grande, Grover Beach, Oceano, Pismo Beach, and Avila Beach.

The lower Arroyo Grande Creek floodplain, or Cienaga Valley, is especially vulnerable to flooding because it lies at the downstream, lower gradient terminus of the large watershed. In the 1950's, severe flooding from Arroyo Grande Creek resulted in inundation of prime farmland in the Cienaga Valley with significant impact to existing infrastructure. To reduce future economic impacts to the agricultural economy and the growing urban and rural residential population, the community organized the Arroyo Grande Creek Flood Control Project. The main feature of the project was a levee system and trapezoidal channel that confined Arroyo Grande Creek in levees from its confluence with Los Berros Creek downstream to the Pacific Ocean. The project was completed in 1961 in order to protect homes and farmland in the Cienaga Valley.

The Arroyo Grande Creek Flood Control Project was constructed to convey the design capacity of 7,500 cubic feet per second (CFS) with 2 feet of freeboard. The originally constructed channel was believed to provide flood protection from a storm with over a 50 year recurrence interval.

Due to challenges in maintaining the channel, such as inadequate funding and regulatory requirements, the channel has lost significant capacity since it was originally constructed over 40 years ago. Although the maintenance efforts are improving since assessments were approved in July 2006 to pay for maintenance on the channel, the existing capacity of the channel is estimated to be 2,500 CFS providing flood protection from a storm with only a 4.6 year recurrence interval. This means that the channel has the probability to overtop once every 4.6 years.*

Under the existing conditions, the channel will most likely initially overtop the south levee between Highway 1 and the 22nd Street bridges.

The local threat of flood related damage is primarily confined to low-lying areas less than 50 feet above mean sea level that are immediately adjacent to the Arroyo Grande Creek levees. If the gradient is shallow, flood waters can spread over a large area. The primary effects of a flood can be destruction and damage to low-lying areas. In March 2001, during a high intensity rain event, the Arroyo Grande levee system was breached on the south side between the mouth and the Union Pacific railroad bridge.

Hundreds of acres of farmland and several residences were flooded in the Cienaga Valley. Impacts from the flooding persisted beyond the winter season as many of the areas with clay soils located in the southern portion of the valley remained saturated for many months. The northern levee remained intact, thereby protecting several residential

* Arroyo Grande Creek Erosion, Sedimentation, and Flooding Alternative Study, prepared by Swanson Hydrology and Geomorphology, January 4, 2006

developments, as well as the regional wastewater treatment plant that services the communities of Arroyo Grande, Oceano, and Grover Beach. Should the north levee have overtopped or breached, risk to human life would have been a threat.

Special facilities of concern include the South County Sanitation District's waste water treatment plant and the Oceano Airport. The plant and the airport are located immediately adjacent to the north levee of the channel between the mouth of Arroyo Grande Creek and the Union Pacific railroad bridge.

Damage from flooding due to the levee overtopping or breaching could range from minor to major property loss and death. Damage to roadways, communication systems, public services and infrastructure, along with emergency response and medical service can be expected.

Consequential damage could include electrical equipment being flooded, in turn resulting in a shock hazard; downstream flash flooding resulting in persons being caught in rapidly moving water; sewage systems could be flooded resulting in possible overflow conditions and a disruption of normal water supplies to the public.

The areas most at risk from flooding are those areas immediately adjacent to the channel and within the 100-year flood plain. Those areas most likely to be inundated have been identified on the maps found elsewhere in this document.

2.1.10 Santa Maria River Levee

The Santa Maria River levee runs along the same area of the river as would be affected by a failure of Twitchell Dam. As such, the same procedures to be used for a Twitchell Dam failure can be used in the event of a Santa Maria River levee break.

The Santa Maria River levee was designed and built by the U.S. Army Corps of Engineers from 1959 to 1963 and is owned and operated by the county of Santa Barbara Department of Public Works' Flood Control District. The levee is built of river sand. The portion of the levee facing the river is covered with a layer of rock.

Following the Hurricane Katrina disaster the Army Corps of Engineers began a systematic assessment of flood control structures and facilities throughout the United States to measure their risk of potential failure. After their assessment of the Santa Maria River Levee, in March 2006, the Army Corps of Engineers placed the Santa Maria River Levee on the nationwide list of levees at risk of failure and declined to certify that it could withstand a 100-year flood.

The Flood Control District of the county of Santa Barbara is the lead agency responsible for the levee.

2.2 OVERALL POTENTIAL EFFECTS

The effects of a dam or levee failure and resulting flooding can range from minimal damage to heavy damage with injuries. Some indirect effects could include:

- Injuries
- Hospital disruptions
- School disruptions
- Hazardous material releases
- Fires
- Need for short term or longer evacuations
- Utility disruptions (including gas, electric, water, and sanitation)
- State highway disruptions
- County road disruptions
- Traffic management problems
- Communication disruptions
- Need for emergency public information
- Need to assist displaced residents
- Need for building inspections
- Disease and health hazards

These potential effects could result in extensive and relatively long term recovery efforts.

SECTION 3 - PLANNING BASIS

3.1 GUIDANCE

The guidance used in the development of this plan is not from any one source but rather is based on a variety of experiences and planning concepts. These include the County Emergency Operations Plan (EOP), an earlier edition of this plan, state guidelines for the development of emergency plans, and the Federal Emergency Management Agency's (FEMA) Guide for the Development of State and Local Emergency Operations Plans. This plan is consistent and compatible with the plans of other jurisdictions within the San Luis Obispo County Operational Area, State emergency plans, the National Incident Management System (NIMS) and the Standardized Emergency Management System (SEMS) regulations.

This plan is also consistent with the current National Response Plan and the National Response Framework.

3.2 CENTRALIZED COORDINATION

This plan is based on centralized coordination of emergency operations. While local control of response resources and components in various jurisdictions would remain in effect within the Operational Area, overall coordination of response efforts should be maintained through a centralized system, even as the response effort escalates to a multi-jurisdictional level. Centralized emergency management coordination can be done from the County Emergency Operations Center (EOC) and/or related locations, such as Department Operations Centers or other local EOCs, and will involve coordinating with jurisdictions and agencies throughout the OA.

To assist with centralized coordination, the County EOC is equipped to be staffed by private and quasi-private entities in addition to appropriate public agency staff. This includes the American Red Cross, AT&T, Southern California Gas Company, and Pacific Gas and Electric Company.

Since this plan is an overall emergency management and coordination document, it does not provide specific response actions for field response. Agencies and jurisdictions which may have a role in the event of failure of a dam should develop procedures for their roles and responsibilities.

3.3 FACILITIES

The County EOC, or a related facility, should serve as the central point for command and coordination of the County's and the Operational Area’s emergency response operation. The County EOC is located approximately five miles west of San Luis Obispo, near Camp San Luis Obispo.

Additional County and OA functions may be accomplished at Department Operations Centers (DOC) and through the County/Cal Fire Emergency Command Center at County/Cal Fire headquarters. DOCs are operated by individual agencies at various locations and coordinate between the EOC and field operations for emergency response activities that fall under their responsibility. For example, DOCs are located with the County Health Agency, County Public Works Department, County Department of Social Services, County Office of Education, and other locations as needed.

3.4 COMMUNICATIONS

Other than those systems directly affected most, if not all, standard communications systems are expected to remain intact after a dam or levee failure and will be used to coordinate response and recovery between agencies.

This includes public agency radio communication systems, commercial and dedicated phone lines, radio systems, cellular, and satellite phone systems. Additional communications support may be provided by the Amateur Radio Emergency Services (ARES) and Radio Amateur Civil Emergency Services (RACES) organizations, which are coordinated through the County's Information Technology Department, Communications Division.

SECTION 4 - EMERGENCY MANAGEMENT

The county of San Luis Obispo uses the National Incident Management System (NIMS) and California's Standardized Emergency Management System (SEMS) as part of its' emergency management and response operations. NIMS and SEMS are primarily used during response to, management of, and coordination of multiple agency or multiple jurisdiction incidents.

In the event of a dam or levee failure within the scope of this plan, the authority to assume overall coordination and management of the emergency in unincorporated areas is vested with the County Emergency Services Director (ESD). In San Luis Obispo County, the ESD is the County Administrator. The ESD may consult with other agencies as appropriate, including Public Works, Sheriff's Department, fire, and the area California Highway Patrol representative.

However, as is consistent with NIMS and SEMS, the appropriate jurisdictions and agencies retain command of actual direct field and related response operations.

In the event the ESD is not available, the San Luis Obispo County Emergency Operations Plan provides for alternate ESDs to take the role of overall management of the emergency.

Incorporated cities and special districts retain authority over their jurisdictions as indicated in state and local laws, regulations, and/or procedures. Cities and special districts which could be affected by this plan were provided review copies with an opportunity for input prior to adoption of this revised plan by the County Board of Supervisors.

Although incorporated cities and special districts retain authority over their jurisdictions during incidents related to the failure of dams, due to time urgency, Emergency Alert System messages with evacuation information for residents of incorporated cities may be broadcast prior to the concurrence of affected incorporated cities. Cities and special districts which could be affected by this plan were provided review copies of Emergency Alert System messages, with an opportunity for input prior to adoption of this revised plan by the County Board of Supervisors.

4.1 PRIMARY COMPONENTS OF NIMS and SEMS

4.1.1 NIMS

NIMS is a comprehensive, national approach to incident management that is applicable at all jurisdictional levels and across function disciplines. The intent of NIMS is to be applicable across a full spectrum of potential incidents and hazard scenarios, regardless of size or complexity. It is also intended to improve coordination and cooperation between public and private entities in a variety of domestic incident management activities.

NIMS is comprised of several components that work together as a system to provide a national framework for preparing for, preventing, responding to, and recovering from domestic incidents. These components include:

- Command and management, which includes the Incident Command System, Multiagency Coordination System, and the Public Information System.
- Preparedness
- Resource management
- Communications and information Management
- Supporting technologies
- Ongoing management and maintenance

Additional information on NIMS can be found on the Federal Emergency Management Agency's Web site or from County OES.

4.1.2 SEMS

There are four primary components that make up the Standardized Emergency Management System (SEMS), and they are used as part of the emergency management structure for responding to problems related to dam failure.

They are:

- The Incident Command System (ICS), which is a specific emergency management system used primarily at the field level
- Interagency Coordination (IAC), which includes communicating and coordinating with various agencies and jurisdictions during an emergency, primarily at the EOC level
- The Master Mutual Aid Agreement, which is the master agreement and authority that allow jurisdictions to provide each other with mutual assistance during emergencies
- Operational Areas (OA), which consist of all local jurisdictions within a county geographical area working together for emergency management and disaster response issues. The OA within San Luis Obispo County is coordinated by the County, which also serves as the coordination and communication link between the OA and the State.

Additional information on SEMS, as it is used within the San Luis Obispo County OA, can be found in the Introduction to SEMS Course developed by County OES. A copy of the document and additional information on SEMS can be obtained from County OES.

SECTION 5 - CONCEPT OF OPERATIONS

5.1 INITIAL NOTIFICATION

When any person, responsible official, or agency becomes aware of an actual or potential dam or levee failure, they should immediately call [redacted] if notification has not already been made, or if the person is unsure if notification has been made.

In addition, the Sheriff's Department Watch Commander needs to be immediately notified at:

[redacted] or [redacted] or via [redacted] or via Ringdown Line (for PSAPs)

Alternate notification may be made by contacting the Sheriff's Department PSAP via public agency radio communications channels or ring down lines.

Initial contact with the Sheriff's Watch Commander regarding a potential or actual dam or levee failure may come from County Public Works personnel, dam tenders, public safety officials in the field, neighboring jurisdictions, or during situation assessment after an earthquake.

5.2 VERIFICATION

Attempts should be made to verify all initial notifications of dam or levee failure if, in the opinion of the Sheriff's Watch Commander, the validity of the reporting party is in question. The Watch Commander can verify initial notifications by:

5.2.1 Dispatching County Public Works, Sheriff's Department resources or other public agency personnel near the dam or levee in question via appropriate mode of transportation (with communication) to survey the dam or levee area, including the possible use of California Highway Patrol air resources or the Sheriff's Aero Squadron.

AND/OR

5.2.2 Contacting the appropriate dam tending personnel or other responsible party (phone numbers and other contact information is listed in the attachments for each dam):

- Lopez via County Public Works
- Righetti via Righetti residence
- Salinas via County Public Works
- San Antonio via Salinas Communications Center
- Terminal via County Public Works
- Twitchell via Santa Barbara County OES 24 Hour Contact

- Whale Rock via City of San Luis Obispo via SLO PD ringdown
- Nacimiento via Salinas Communications Center
- Arroyo Grande Levee via County Public Works
- Santa Maria River Levee via Santa Barbara County

5.3 PLAN ACTIVATION

This plan should be activated by the Sheriff's Watch Commander or County OES upon receipt of notification of a potential significant or actual problem with a dam or levee listed in this plan. This plan may also be used as guidance for problems with smaller dams or levees not covered by this document.

5.4 SITUATION STATUS

The first priority upon plan activation is situation status reporting, which is the process of getting a complete and comprehensive summary of the damages. Initial reports on the nature of the problem are needed in order to develop an effective immediate response.

Ongoing situation reporting is critically important for determining effects from dam failure, such as location of water in stream channels, amount of flooding occurring, special rescue efforts that may be needed, and related response needs.

Situation reporting is generally divided into two components: Overall situation assessment at the EOC and situation reporting from the field. Field situation reporting is accomplished by personnel such as dam tenders, public works crews, police, and firefighters reporting information back to their specific agencies. An important aspect of situation assessment is interagency coordination between the various agencies in order to develop an overall status of the incident, which allows for effective overall response coordination at the EOC level.

5.5 INTERAGENCY COORDINATION

Interagency Coordination (IAC) is important for ensuring effective response to a dam or levee failure or related problem. IAC allows for the exchange of information between the County EOC (acting in the role of Operational Area Coordinator) and affected jurisdictions. It is important for agencies to interact in an organized matter in order to carry out effective overall management of the incident, which in turn provides for the safety of the affected public and emergency workers.

In the case of activation of this plan IAC will generally include the County EOC and related Department Operations Centers (DOC) communicating with each affected jurisdiction in order to provide information on what is happening, what the threat is, and determining what additional resources each jurisdiction may need.

In turn, it is important for the jurisdictions to provide the County EOC and related DOCs information on their actions and making resource requests through the EOC or DOC so an overall response effort can be coordinated. This IAC allows the County to know if sufficient resources are available from the county or if mutual aid must be requested from other areas.

5.6 NATIONAL WEATHER SERVICE INFORMATION

The National Weather Service (NWS), part of the National Oceanic and Atmospheric Administration (NOAA) provides weather, hydrologic, and climate forecasts and warnings for the United States, its territories, adjacent waters and ocean areas, for the protection of life and property and the enhancement of the national economy.

NWS data and products can be used by other governmental agencies, the private sector, the public, and the global community.

NWS is the agency responsible for issuing special weather statements, advisories, watches or warnings for severe weather conditions, as well as general weather forecasts.

During storm periods, NWS may issue a flood advisory, watch, or warning.

A “Flood Advisory” indicates that flooding of small streams, streets, and low lying areas, such as railroad underpasses and urban storm drains, may or is occurring.

A “Watch” is a bulletin issued when expected rainfall could cause creeks, streams and/or rivers to overflow.

A “Warning” is the most urgent announcement of imminent or current flooding due to levee overtopping or breaching and advises locations in the warned area to prepare for flooding and/or evacuation.

The State Office of Emergency Services Warning Center and the National Weather Service distribute weather warning information to public safety, media organizations, and directly to the public through use of the NWS weather radio broadcast.

For many “warning” level weather notifications, NWS may use both the Emergency Alert System (EAS) and the weather radio alert system to notify the public of the warning. As such, the county of San Luis Obispo recommends all residents purchase and use a weather alert capable radio. Such radios can be purchased at various retail stores or online for a relatively nominal cost.

In addition to NWS providing weather information to the public through various means, public agencies such as County OES and County Public Works, among others, monitor severe weather alerts. As a result, these agencies are prepared to take necessary response actions, including potential activation of this plan, with very short lead time.

5.7 PUBLIC INFORMATION

There will be a need for a multifaceted approach to public information that may include emergency information for the public and information for emergency workers. The public will need and want information about the extent of the emergency and the need for evacuation, as well as instructions on what actions to take. The local media, particularly radio, will perform an essential role in providing emergency instructions and status information to the public.

The goal of this plan, in conjunction with the overall County Emergency Operations Plan and Emergency Operations Center Standard Operating Procedures, is to provide a system of rapid dissemination of accurate instructions and information to the public, primarily through the use of the local Emergency Alert System (EAS), as appropriate. It should be noted that in a sudden dam or levee failure, there may not be sufficient time to activate EAS or other immediate notification methods prior to areas being impacted with fast moving water.

There are initial, pre-scripted EAS messages for each dam and the Arroyo Grande Creek levee located in the attachments of this plan that are available for broadcast. Follow up EAS and emergency PIO functions would be established using standard County EOC response procedures. Such procedures may include PIO standard operating procedures which are contained in a document separate from this plan.

For a failure of the Santa Maria Levee on the San Luis Obispo County side of the river, the EAS messages for Twitchell Dam can be used as the same area would be expected to be impacted.

For all public information functions, it is very important that all agencies and personnel involved in disseminating information provide consistent factual information. It is for this reason that upon activation and/or use of a public information section/person, that communications channels be established between everyone who will be releasing information.

All public information/instructions and EAS information being released from the EOC should be cleared through the ESD if possible. The only exception to this is if the health and safety of the public or emergency responders would be adversely affected.

5.7.1 Public Warning

Depending on the level of the incident and the danger to the public, immediate notification of people in the affected area may be needed. As resources and time allow, this may be accomplished by methods such as using emergency vehicle public address systems, door to door contacts and, by activating the local Emergency Alert System (EAS).

EAS stations are accessed through the EOC by the Watch Commander or County Emergency Services staff. There is also a separate procedure and system for the NWS and State EAS however, for planning purposes those systems are not part of this plan.

Although incorporated cities and special districts retain authority over their jurisdictions, as indicated in state and local laws, regulations, and/or procedures, during dam and levee failure incidents, EAS messages with evacuation information may be broadcast prior to the concurrence of affected incorporated cities. Cities and special districts which could be affected by this plan were provided review copies, including the Emergency Alert System messages, with an opportunity for input prior to adoption of this revised plan by the County Board of Supervisors.

Due to the limitations of the Emergency Alert System, it will be necessary in some cases to broadcast more than one EAS message to rapidly get the information to the public.

Since the messages will vary, and information provided over EAS will be broadcast quickly, it is important to get additional follow up information to the news media as soon as possible. This will allow the news media to broadcast additional information after EAS messages are read.

In addition, the Early Warning System (EWS) sirens may be used to provide alert to areas near the inundation path of Whale Rock or Lopez dams or the Arroyo Grande Creek Levee.

5.7.2 Public Information

In addition to emergency notification information, the public information function will be necessary to keep the public updated on the overall incident. Emergency incidents arouse public attention and attract the media. The media will respond to the area and will regularly call for updated information. If the media cannot find an official spokesperson to talk to, they may talk to anybody near or affiliated with the incident. As a result, the public information function is important to any incident.

The Public Information Officer (PIO), and his/her assistants, will be responsible for developing current and accurate information, providing a central source of information, relieving the ESD and others from media pressure, and tracking down and dispelling rumors. PIO procedures contained in documents separate from this plan, may be used as guidance for response to a dam failure event.

5.8 EMERGENCY PROCLAMATION

Upon activation of the County EOC after a dam or levee failure, the ESD or his/her authorized alternate, should consider proclaiming a local emergency, issue the necessary rules and regulations, and request the Governor to proclaim a "State of Emergency".

5.9 EVACUATION

Evacuations may become necessary if a problem with a dam or levee is more than minor. Evacuation shelters may be opened as necessary. Locations will be identified to the public through information provided to the media and/or emergency broadcasts.

See specific dam and levee response sections of this plan for additional information on evacuation areas and procedures.

5.10 RECEPTION AND CARE CENTERS

If evacuations are necessary, a significant number of displaced citizens can be anticipated as a result of a dam or levee failure, or a related problem. A considerable number of these will probably be self sufficient (staying with friends, family, etc.) An estimated 10 to up to 20% of the displaced public may require sheltering as provided by the American Red Cross. Significant logistical support may also be required, which is coordinated through the Shelter and Welfare ICS function when activated in the County EOC.

Locations of shelters will depend on the extent of the emergency, areas affected, and number of people being evacuated. The San Luis Obispo County Chapter of the American Red Cross maintains lists of facilities which may be used for evacuation shelters.

The American Red Cross is the agency which would open and manage shelters/reception and care centers, working with the County Department of Social Services.

5.11 TRAFFIC DISRUPTION

Traffic congestion could be a problem following a dam failure due to evacuation traffic, and flooding. Other problems that might occur include:

- Difficultly in transportation/movement in the affected areas by residents due to debris and damaged roadways/streets.
- Difficultly of getting rescuers and other vital personnel into areas of extensive damage.
- Keeping sightseers out of damaged areas during the early days after a flood/dam/levee failure.

The means of coping with these impediments include debris removal equipment being brought in to the area, re-routing by law enforcement officials assigned to areas, and limiting access.

Should evacuation after a damaging flood/dam/levee failure be necessary, the logistics branch function within the Incident Command System structure, in coordination with the San Luis Obispo County EOC will be responsible for coordinating the use of resources that may be needed to evacuate people without transportation.

These procedures may include arranging for busses or similar transportation modes to meet evacuees at strategic locations that can be reached by those forced to evacuate on foot. Procedures for obtaining such resources may be obtained by using the Nuclear Power Plant Standard Operating Procedures.

5.12 RECOVERY

5.12.1 Reentry

During transition into recovery phase, damaged structures may need inspections to determine if they are safe for public reentry or if they should be condemned until repaired. This task may require using qualified inspection personnel from other jurisdictions and private companies. These personnel can be obtained through local and statewide mutual aid systems, including building officials mutual aid.

Another issue which may need to be addressed is the potential health concerns related to flooding and water related damages.

The Emergency Services Director and the EOC command group must determine when it is safe to allow public reentry to any area that has been evacuated due to dam failure. Based on joint concurrence of the ESD and other appropriate officials, reentry will be authorized after threats have subsided and an EAS message, or other notification, has been issued.

5.12.2 Demobilization

When response agencies are nearing completion of the last remaining life and property safety missions, and when the ESD has determined that the disaster has entered into a recovery phase, the EOC command group should develop a formal demobilization plan. Consideration should be given to releasing mutual aid agencies no longer needed. Consideration should also be given to assigning appropriate agencies to conduct short term recovery operations, such as debris removal, restoration of critical facilities and utilities/communications, and tending to the needs of the displaced.

The County EOC should be downgraded or shut down as soon as emergency operations cease. The Emergency Alert System should be deactivated with a termination EAS message giving the public a contact point for follow up assistance. It is desirable to attempt to restore agencies to their normal working routine and environment as soon as possible. Both short term and long term recovery operations can best be managed through the normal structure of government.

5.12.3 Cleanup, Rehabilitation, and Restoration

Cleanup, rehabilitation, and restoration may take a considerable amount of time. It may also take a considerable amount of effort and cooperation between the private sector and local, state, and federal governments. It is anticipated that local government resources

and finances after a major dam failure will be strained and that aid from the state and federal governments may be required.

Long term recovery considerations will be many and could include:

- Cleanup of debris on public property and repair of infrastructure such as roads and bridges
- Hazardous material specialists, under the supervision of the County, may need to be employed for any needed cleanup of hazardous material
- Health services may be needed, such as water purification, inoculations and sanitation, potable water supply issues
- Solid waste facilities may not be able to handle all debris disposal needs; plans for alternate sites and programs may need to be worked out
- Reconstruction of damaged critical facilities will need to be approved and initiated as soon as possible
- Providing temporary housing
- Conducting building safety assessments
- School resumption
- Fostering long term economic recovery
- Restoring essential services
- Preserving historic buildings
- Encouraging immediate business recovery

5.12.4 Follow-up Public Disaster Assistance

Provided the necessary emergency proclamations were made during the emergency, the County will coordinate with state and federal officials in performing damage assessment to determine specific needs following a disaster. If a federal disaster has been declared, assistance may be provided through the Federal Emergency Management Agency (FEMA) and related agencies. Victims may register for disaster assistance by telephone or possibly through a Disaster Assistance Center (DAC), sometimes referenced as Local Assistance Centers. DACs are facilities that are opened and staffed by government agencies for the purpose of applying for disaster relief assistance for both individual families and to the public sector.

Generally, FEMA will use the teleregistration system instead of opening DACs.

Some of the disaster assistance services that could be provided include:

- Emergency family and individual needs, provided by volunteer relief organizations, such as the American Red Cross
- Disaster loans to individuals and businesses provided through state and federal agencies such as the Small Business Administration and the Federal Emergency Management Agency.
- Temporary housing through federal programs
- Crisis counseling through County Mental Health

5.12.5 Final Report and Documentation

County agencies involved in a dam failure should track activities using activity logs. The narrative of these logs and related reports should describe the primary responsibility, the duties performed, and the total number of staff hours of involvement by the agency during the emergency phase of the dam failure. The master activity log documents names and times of agency personnel involved in a particular assignment, equipment and supplies used, and any contracts with a private vendor to support emergency operations. A copy of this narrative report and master activity log should become part of the County's official record of the dam failure.

5.12.6 After Action Report

As specified in the California Code of Regulations, Title 19, section 2900(j), any city, city and county, or county proclaiming a local emergency for which the governor proclaims a state of emergency, is required to complete and transmit an after action report to State OES within ninety (90) days of the close of the incident period. NIMS also requires after action reporting.

The after action report shall, at a minimum, be a review of response actions taken, application of SEMS, suggested modifications to SEMS, necessary modifications to plans and procedures, identified training needs, and recovery actions to date.

These After Action Reports will also be consistent with, and meet, National Incident Management System requirements.

5.12.7 Local Government Cost Recovery

When a state or federal disaster declaration is made, many local government costs related to the declared disaster may be reimbursable through state and/or federal programs. Eligible costs for reimbursement may include permanent repairs to damaged facilities, including infrastructure, and certain emergency response and protective measure activities.

The state Office of Emergency Services is responsible for administering both the Federal Public Assistance program in California and the State's Disaster Assistance Act (DAA) program.

For the County of San Luis Obispo, County OES may be the lead agency for coordinating cost reimbursement programs between county agencies/departments and State OES.

In most cases, local agencies must expend funds before they can receive payment of funds through the federal Public Assistance program and/or state DAA program. This reimbursement process is a lengthy one involving the complete review of damage estimates and documentation. Actual receipt of funds may take months.

All county and related agencies and departments will need to document damages as thoroughly as possible; without proper documentation, it may be impossible to obtain reimbursement through the Public Assistance, Disaster Assistance Act or any other program. This includes documenting all incurred costs, including labor and expenditures. Photos should be taken and receipts and similar documentation need to be saved.

For more information on the public agency cost recovery process, contact County OES.

SECTION 6 - INITIAL AND GENERAL EMERGENCY MANAGEMENT RESPONSE GUIDELINES

The following pages of this plan contain attachments which provide initial and general response guidelines for specific dams, overview dam inundation area maps, and pre-scripted proclamation of emergency and related documents.

As an overall emergency management and coordination document, this plan - including the guidelines in the attachments - generally does not address specific field response actions by public safety, public works, and related agencies. Agencies responsible for specific field response actions and other duties should development and/or maintain response plans and/or procedures specific to their roles. Such plans and/or procedures should be consistent with this document and with the National Incident Management System (NIMS) and the Standardized Emergency Management System (SEMS).

The following attachments provide guidelines for initial emergency management response activities, as well as general guidance for positions which may be staffed in the Emergency Operations Center or a related facility such as a Department Operations Center.

ATTACHMENTS TO THE SAN LUIS OBISPO COUNTY DAM FAILURE EVACUATION PLAN

Attachment 1 - Initial Response and Guidelines for Lopez Dam

Attachment 2 - Initial Response Guidelines for Righetti Dam

Attachment 3 - Initial Response Guidelines for Salinas Dam

Attachment 4 - Initial Response Guidelines for San Antonio Dam

Attachment 5 - Initial Response Guidelines for Terminal Dam

Attachment 6 - Initial Response Guidelines for Twitchell Dam

Attachment 7 - Initial Response Guidelines for Whale Rock Dam

Attachment 8 - Initial Response Guidelines for Nacimiento Dam

Attachment 9 - Initial Response Guidelines for Other Dams (Generic)

Attachment 10 – Initial Response Guidelines for Arroyo Grande Creek Levee

Attachment 11 – Santa Maria River Levee (use Twitchell Dam guidelines)

Attachment 12 - Pre-scripted Declaration of Local Emergency, Request to Governor for State of Emergency, and Request to Governor to Ask President for a federal disaster declaration

Attachment 13 - Inundation Reference Maps

ATTACHMENT 1: LOPEZ DAM CHECKLISTS

If imminent dam failure is possible, Watch Commander may immediately proceed with any necessary actions prior to contacting Emergency Services Coordinator or other OES staff.

Lopez Dam is located in the South County, approximately 6 miles northeast of Highway 227 and Lopez Drive

SHERIFF'S WATCH COMMANDER INITIAL RESPONSE GUIDELINES

1. Upon Receipt of Initial Notification of a Problem:

_____ **1.1** If the reporting party is reliable, skip to item 2, Plan Activation. If you need to verify the report, then note initial RP information and reported condition of the dam, and go to item 1.2:

Time:_____ RP: _____

Report on Conditions:

_____ **1.2** If the reported problem needs verification, condition of the dam should be obtained by any of the following methods:

_____ **1.2.1** Contact Lopez Dam tender or alternate at [redacted] or on the Public Works radio frequency (black net); if no response:

_____ **1.2.2** Contact County Public Works at [redacted] or after hours contact PW on-call and/or (go to 1.2.3):

_____ **1.2.3** Dispatch a Sheriff's patrol unit, or other public agency resource near the dam in question via appropriate mode of transportation (with communication) to survey the dam area, including the possible use of CHP ground or air resources or the Sheriff's Aero Squadron and/or other air resources (Cal Fire, U.S. Forest Service) and/or (go to 2):

2. Plan Activation

Upon receipt of notification by a reliable RP or upon confirmation of a problem with the dam, this plan will be considered activated. Watch Commander procedures to fully activate response include the following actions:

2.1 Obtain information on the nature of the incident using the following

2.2 ACTUAL OR POTENTIAL DAM FAILURE REPORT FORM

Date:_____ Time:_____

Notified by:_____ Contact info:_____

Agency:

Name of Dam:

Nature of Incident:_____ Dam Failure:_____ Potential/Possible Dam Failure

Additional Details:

Notes

Continue with checklist on following pages.

Sheriff's Watch Commander Initial Response Guidelines, Lopez Dam, continued

_____ **2.3** Contact the duty Emergency Services Coordinator (ESC) and advise of the situation.

_____.**2.4** Have dispatchers contact and alert via appropriate ringdown phone or other communications method the following agencies of the situation, using information received, and also advise them if you will be activating EAS and ordering evacuations at this time:

_____ Arroyo Grande P.D.
_____ Grover Beach P.D.
_____ Pismo Beach P.D.
_____ CHP
_____ Cal/County Fire
_____ State Parks for Oceano Dunes

_____ **2.5** If dam failure is occurring or is imminent, proceed to step 2.7.

_____ **2.6** If dam failure is possible or potential, re-contact a responsible and get an updated condition on the dam. Specifically, if there is a threat that failure may be imminent.

If failure may be imminent, continue with 2.7.

NOTE FOR 2.7: DO NOT ACTIVATE EWS SIRENS UNTIL YOU ARE READY TO FOLLOW UP WITH THE EAS MESSAGE

_____ **2.7** Activate EAS and issue warning message/evacuation order (see Attachments 1.1- 1.6, following pages); start with message #1, then reactivate with others as soon as possible - see item # 2.10) AND THEN:

_____ **2.8** Using Siren Activation Procedures, activate the Early Warning System (sirens) for Lopez Dam area (group #26)

_____ **2.9** Confirm all sirens sounded; for sirens that did not activate, use route alerting procedures located in the Siren Activation Procedures document

_____ **2.10** As soon as possible, assign someone who can continue to activate EAS; beginning with message #1, repeatedly activate and read all Lopez EAS messages. Continue reactivating and repeating all messages in order; this is necessary due to the two minute EAS time limit

_____ **2.11** Advise Sheriff command group and request presence at EOC as appropriate

_____ **2.12** Request CHP shutdown of U.S. 101 (ETA of swift water at 101/Arroyo Grande Creek may be 40 minutes travel time from time of failure)

_____ **2.13** Request CHP helicopter (24 hours) and/or fixed wing, and/or other air resources (Cal Fire, U.S. Forest Service) for aerial reconnaissance and rescue/warning assistance

_____ **2.14** Alert Sheriff's Aero Squadron for aerial reconnaissance and rescue/warning assistance

_____ **2.15** Establish EOC access control procedures (EOC will be activated by OES)

_____ **2.16** Request on duty dispatchers call in additional dispatch and patrol staff as needed

_____ **2.17** Begin Law Branch actions (see Attachment 1.9) until that position can be staffed in the EOC

ATTACHMENT 1.1 - LOPEZ DAM EAS WARNING MESSAGE #1 of 5 EVACUATION

Message to be used over EAS:

"Attention, attention...this is an Emergency Alert System message for the general public below Lopez Dam. Lopez Dam (choose one) *may fail or has failed*. This could cause major flooding and risk to life in low lying areas below the dam.
The Sheriff's Department and County Emergency Services are advising residents and businesses in many low lying areas between the dam and the Pacific Ocean along Arroyo Grande Creek, including areas in the Cities of Arroyo Grande, Grover Beach, Pismo Beach, and the Oceano area, to evacuate immediately. Evacuate to high ground immediately.

Please listen carefully...
The areas that need to evacuate or move to higher ground now include:

- All areas between the dam and the city of Arroyo Grande, that are within 2 miles of Arroyo Grande creek; repeating, all areas between the dam and the city of Arroyo Grande that are within 2 miles of Arroyo Grande creek must move at least 2 miles from Arroyo Grande creek. Move to high ground now.

Other areas that must evacuate immediately are:

- All areas of the city of Arroyo Grande east of U.S. 101 except crown hill... Repeating, all areas of the city of Arroyo Grande east of U.S.101 except crown hill. In addition to getting to higher ground, people in those areas may use Highway 227 and Orcutt road to leave the area.

- Those in the area of highway 227 go north on 227. Those near Orcutt go north on Orcutt road or other routes away from Arroyo Grande creek and Lopez drive. Those in the area of Branch mill road can take Branch Mill to East Cherry and southbound on U.S. 101.

- Please stand by for an additional message with evacuation information for people in and near Arroyo Grande west of U.S 101...repeating, please stand by for an additional message with evacuation information for people in and near Arroyo Grande west of U.S. 101...people in that area should also prepare to evacuation immediately.

PLEASE STAND BY FOR ADDITIONAL INFORMATION.

ATTACHMENT 1.2 LOPEZ DAM EAS WARNING MESSAGE #2 of 5 – EVACUATION

Message to be used over EAS:

"Attention, attention...this is an Emergency Alert System message for the general public below Lopez Dam. Notification has been received that Lopez Dam (choose one) *may fail* OR *has failed.* This message is being broadcast by the Sheriff's Department/County Emergency Services to inform you of additional areas that must evacuate now. The following areas are in addition to the areas between Lopez Dam and U.S. 101 announced in a earlier message. Please listen carefully...Please listen carefully. Additional areas that need to evacuate or move to higher ground now include:

- Areas in and near the city of Arroyo Grande east of Halcyon road and north of Fair Oaks avenue except Arroyo Grande hospital Halcyon can be used to reach northbound U.S. 101..repeating...areas in and near the city of Arroyo Grande east of Halcyon road....and north of Fair Oaks avenue except Arroyo Grande hospital ... however, residents of Sunrise Terrace mobile home park should NOT evacuate…residents of Sunrise Terrace mobile home park should not evacuate. Other areas of Sunrise Terrance Street area should evacuate in addition to the previously mentioned areas that will be repeated shortly, the following areas should also evacuate immediately:

- All of the community of Halcyon south of Temple street; and

- Los Berros road in the area of Arroyo Grande south to Falcon Crest drive...and;
- The area from Halcyon and Arroyo Grande to the Oceano dunes, including all of the area below the mesa and including the intersection of Highway 1 and Valley Road....repeating... the area from Halcyon and Arroyo Grande to the Oceano dunes, including all of the area below the Mesa and including the intersection of Highway 1 and Valley Road
- Residents in this are should proceed to high ground on the Nipomo Mesa or southbound on Highway 101 to high ground.

Please stay tuned to this emergency alert system station for additional information including a following broadcast for more areas that need to evacuate.

ATTACHMENT 1.3 LOPEZ DAM EAS WARNING MESSAGE #3 of 5 – EVACUATION

Message to be used over EAS:

Attention, attention...this is an Emergency Alert System message for the general public below Lopez Dam. Notification has been received that Lopez Dam (choose one) > *may fail* OR *has failed*. This may cause major flooding and risk to life in low lying areas below the dam.

This message is being broadcast by the Sheriff's Department/County Emergency Services to inform you of additional areas that must evacuate now. The following areas are in addition to the areas between Lopez Dam and Arroyo Grande, and areas in and around Arroyo Grande and Halcyon broadcast in an earlier message.
Please prepare to listen closely to other areas that need to evacuate due to the problem with Lopez Dam. Please listen carefully...please listen carefully.....

Additional areas that must evacuate or move to higher ground now include:

- All areas of Oceano south of Paso Robles street and west of 17th, and south of Grand Avenue, including the airport area.....repeating... All areas of Oceano south of Paso Robles street and west of 17th, and south of Grand Avenue, including the airport area. Oceano evacuees should leave northbound on highway 1, northbound on 4th, 13th, or Elm streets to northbound Highway 101.
- Grover Beach residents and businesses in the following areas need to immediately move to higher ground: The agriculture area from Oceano to Highland Way, west of South 13th to the beach. The business area from Highland Way to Farroll Road west of Huston to the beach. Repeating, Grover Beach residents and businesses in the following areas need to immediately move to higher ground: The agriculture area from Oceano to Highland Way, west of South 13th to the beach. The business area from Highland Way to Farroll Road west of Huston to the beach, move to higher ground towards the East and the North. Use east/west streets for your evacuation. Avoid using South 4th street and Highway 1.

Please cooperate fully with public safety officials and keep tuned to your radio for further emergency broadcast messages.

ATTACHMENT 1.4 LOPEZ DAM EAS WARNING MESSAGE #4 of 5 - EVACUATION

Message to be used over EAS:

"Attention, attention...this is an Emergency Alert System message for the general public below Lopez Dam. Lopez Dam (choose one) *may fail* OR *has failed*. This may cause major flooding and risk to life in low lying areas below the dam.
This message is being broadcast by the Sheriff's Department/County Emergency Services to inform you of additional areas that must evacuate now.
The following areas are in addition to the areas between Lopez Dam and Arroyo Grande, and areas in and around Arroyo Grande and Grover Beach broadcast in an earlier message.
Please prepare to listen closely to other areas that need to evacuate due to the problem with Lopez Dam. Please listen carefully...please listen carefully.....

Additional areas that must evacuate or move to higher ground now include:

- The residential area from Farroll Road to West Grand Avenue west of 5th street to the beach. The residential/commercial area from West Grand Avenue to Brighton Avenue, from 2nd Street west to the beach. Repeating...the residential area from Farroll Road to West Grand avenue west of 5th street to the beach. The residential/commercial area from west Grand Avenue to Brighton Avenue, from 2nd Street west to the beach. Move to higher ground towards the east and the north. Use east/west streets for your evacuation. You should avoid using south 4th street and highway 1.

- Grover residents should use 4th, 12th, or Oak Park roads to get to northbound highway 101. The list of areas that need to evacuate will be repeated as soon as possible on this and other emergency alert system stations. Remain calm...evacuate in an orderly manner.

If you know of anyone who is disabled in the evacuation area, please assist by notifying that person of this emergency. If you can provide transportation for anyone without

transportation, please do so. If you need transportation, contact a nearby friend or neighbor. If you cannot obtain transportation, please contact your local police or fire department. The Red Cross will be setting up evacuation shelters at locations that will be broadcast as soon as possible.

Please cooperate fully with public safety officials and keep tuned to your radio for further emergency broadcast messages.

ATTACHMENT 1.5 LOPEZ DAM EAS WARNING MESSAGE #5 of 5 - EVACUATION

Message to be used over EAS:

"Attention, attention...this is an Emergency Alert System message for the general public below Lopez Dam. Notification has been received that Lopez Dam (choose one) *may fail* OR *has failed*. This may cause major flooding and risk to life in low lying areas below the dam.
This message is being broadcast by the Sheriff's Department/County Emergency Services to inform you of additional areas that must evacuate now.
The following areas are in addition to the areas between Lopez Dam and Arroyo Grande, and areas in and around Arroyo Grande broadcast in an earlier message. Please prepare to listen closely to other areas that need to evacuate due to the problem with Lopez Dam. Please listen carefully...please listen carefully.....

Additional areas that must evacuate or move to higher ground now include:

- Highway 1 and the area bounded by Pismo Creek, U.S.101 and the railroad tracks in Pismo Beach, including the mobile home parks in Pismo Beach next to U.S. 101 and north of the railroad tracks, and all camping areas along the beach. Evacuate to the north and east of this area. People should evacuate using the shortest route to northbound Highway 101.

- Grover residents should use 4th, 12th, or Oak Park roads to get to northbound Highway 101. Pismo residents should use northbound highway 1 to get to Highway 101 northbound. Do not use Highway 1 south of Grand Avenue as this area is or will be flooded.

The list of areas that need to evacuate will be repeated as soon as possible on this and other Emergency Alert System stations.

Remain calm...evacuate in an orderly manner.

ATTACHMENT 1.6- Route Alerting

-- FOR IMMEDIATE MESSAGE/ORDER --

Attention! All those living near Lopez Dam and along Arroyo Grande Creek move to high ground immediately. Lopez Dam is failing. Follow directions of police officers and other public safety officials. Turn on your radio to a local station that is broadcasting emergency information and listen for additional information.

(Repeat as necessary)

-- FOR ROUTE ALERTING USE --

Attention! There is a problem with Lopez Dam and this area may be flooded. Evacuate this area now. Turn on your AM/FM radio for additional information and instructions. Repeating...There is a problem with Lopez Dam and this area may be flooded. Evacuate this area now. Turn on your AM/FM radio for additional information and instructions.

ATTACHMENT 1.7 COUNTY EMERGENCY SERVICES COORDINATOR INITIAL RESPONSE GUIDELINES - LOPEZ DAM

Upon notification by Watch Commander, the duty Emergency Services Coordinator can make additional notifications as needed.

1. Upon arrival at the EOC, ESC(s) should consider the following actions as needed:

_____ **1.1** Confirm EWS for Lopez Dam area have been activated, if necessary
_____ **1.1.1** If EWS has not been activated, may activate EWS for Lopez Dam area and may:
_____ **1.1.2** Activate EAS

_____ **1.2** If EWS is used, confirm all sirens sounded. If all sirens did not sound:
_____ **1.2.1** Request Watch Commander implement route alerting procedures for failed siren area

_____ **1.3** As soon as possible, assign someone who can continue to activate EAS; beginning with message #1, repeatedly activate and read all Lopez EAS messages. Continue reactivating and repeating all messages in order; this is necessary due to the two minute EAS time limit.

_____ **1.4** FAX EAS evacuation message to:

- Arroyo Grande
- Grover Beach
- Pismo Beach
- Cal Fire ECC; request Cal Fire ECC to resend to stations 20, 21, 22, 62, 63, 64

_____ **1.5** Confirm notifications have been made as listed in the Dam Failure tab of the BAG

_____ **1.6** Confirm Phone Assistance Center is being activated; refer to NPP Plan Social Services SOP for additional information

_____ **1.7** Confirm following agency representatives are enroute to the EOC (if not or unconfirmed, request a representative from the agency respond to the EOC):

_____ County Public Works
_____ County General Services
_____ Sheriff's Department
_____ CHP
_____ County Fire
_____ State Parks

_____ **1.8** Notify the following agencies and request a representative at the EOC:

_____ EMSA
_____ County Office of Education
_____ County Health Officer
_____ County Environmental Health
_____ County Communications; request Communications to notify and activate ARES/RACES at the EOC
_____ American Red Cross
_____ Social Services for Shelter and Welfare
_____ Social Services for Phone Assistance Center
_____ PG&E Distribution Office
_____ Southern California Gas Company
_____ AT&T

_____ **1.9** Notify and advise the following agencies of the situation:

_____ State OES (possibly using CAWAS); (Consider doing a RIMS report)
_____ State Dept. of Water Resources
_____ Union Pacific Railroad
_____ U.S. Coast Guard
_____ South County Sanitation District:
Jeff Appleton: [redacted]
Business hours (7:30 – 4:30): [redacted]
24 hour contact: [redacted]

2.0 EOC Activation

_____ **2.1** Set Up EOC as needed and confirm full activation and mobilization

_____ **2.2** Assume role of "liaison" until relieved by other liaison staff

_____ **2.3** Refer to liaison or other SOPs for additional guidance

ATTACHMENT 1.8 EMERGENCY SERVICES DIRECTOR - LOPEZ DAM

Upon activation of the County EOC, the County ESD should consult with the County Public Works director, Sheriff's Department representative, County Fire representative, CHP representative, and County EOC PIO (Unified Command Group) to evaluate the situation and take appropriate actions. Guidelines include:

_____ **1.0** Receive briefing of situation

_____ **1.1** Make sure warning message and evacuation instructions are being issued to the public as necessary

_____ **1.2** Monitor, coordinate and evaluate emergency operations

_____ **1.3** Make sure that:

- _____ **1.3.1** PIO positions are activated as needed
- _____ **1.3.2** Make sure PIO has staff for permanent staffing of EAS
- _____ **1.3.3** Liaison function is or will maintain communications links and coordination with critical utilities, supporting agencies and jurisdictions
- _____ **1.3.4** Phone Assistance Center is being staffed as necessary
- _____ **1.3.5** Shelter and Welfare Unit is activated and opening shelters if needed

_____ **1.4** Discuss with PIO and ESCs the need to activate a media center

_____ **1.5** Consider declaring "Local Emergency" and consider request for "State of Emergency"

For additional guidance, refer to Non-NPP SOP or other relevant documents.

ATTACHMENT 1.9 LAW BRANCH - LOPEZ DAM

The **Law Branch** will be staffed by the Sheriff's Department (Note: CHP is part of the EOC Unified Command Group as is the Sheriff's Department) and/or other law enforcement agency, as necessary.

In addition to initial Watch Commander procedures, **Law Branch** guidelines include:

_____ **1.1** Receive briefing from the Watch Commander and OES staff

_____ **1.2** Work with WC and OES and/or other agencies/staff on problems needing immediate attention, including evacuation and related logistics

_____ **1.3** Work with CHP and other EOC command staff on mutual evacuation issues, such as:

- _____ **1.3.1** Emergency evacuation of stranded persons
- _____ **1.3.2** Establishment of Traffic Control Points
- _____ **1.3.3** Security for evacuated area

_____ **1.4** Request CHP to stop traffic on southbound U.S. 101 adjacent to Halcyon Road/Walmart area and northbound U.S. 101 at Los Berros Road (ETA of swift water at U.S. 101/Arroyo Grande Creek is 40 minutes); to close Highway 1 and Halcyon at Halcyon Road

_____ **1.5** Oversee Interagency Coordination (IAC), including mutual aid needs, for law enforcement resources

_____ **1.6** Establish a position to track IAC needs

_____ **1.7** Consider establishing a position to coordinate air resources (Aerosquadron, CHP rotary and fixed, CAL FIRE, and other resources; an air operations branch director may be available through CAL FIRE)

_____ **1.8** Assist Fire Branch in search and rescue as needed

_____ **1.9** Consider mutual aid to assist with resource needs

_____ **1.10** Keep liaison position informed of your resource requests (in order to anticipate resource needs such as fuel trucks, feeding, and related support items)

_____ **1.11** Make sure Sheriff's Department PIO is working with the EOC PIO

_____ **1.12** Request Animal Services to provide animal services as necessary for citizens going to shelters and for related animal care needs

_____ **1.13** Consider needs for additional resources such as Sheriff's Department Dive Team, Sheriff's Search and Rescue, and/or CAL FIRE/County Fire response for swift water rescue

ATTACHMENT 1.10 FIRE BRANCH - LOPEZ DAM

Staffed by CAL FIRE/County Fire

Prior to and after arrival at the EOC, CAL FIRE/County Fire guidelines include:

_____ **1.1** Assist law enforcement/Law Branch in issuing warning message/evacuation order to areas as requested by Sheriff's Department and/or Law Branch

_____ **1.2** Utilize "Transportation Assistance Request" list for possible evacuation of that population; remind Arroyo Grande Fire, Grover Beach, Oceano, and Pismo Beach are advised to do the same.

_____ **1.3** Participate in ongoing EOC Unified Command Group briefings and decisions

_____ **1.4** Make sure Cal/County Fire PIOs are coordinating information with EOC PIO

_____ **1.5** Perform Interagency Coordination duties, including usual mutual aid requests and tracking needs

_____ **1.6** Coordinate Search and Rescue, including resources such as swift water rescue personnel (in conjunction with law enforcement)

_____ **1.7** Establish a field ICP at Varian Ranch (Orcutt Road northwest of Lopez) and Highway 101 at El Campo Road. Aprise Sheriff's Department of same so Law Branch is aware.

ATTACHMENT 1.11 PUBLIC WORKS BRANCH - LOPEZ DAM

Public Works Branch guidelines include:

_____ **1.1** Staff the EOC command group

_____ **1.2** Provide updates on the condition of the dam to the EOC or Watch Commander prior to EOC activation

_____ **1.3** Make sure Public Works staff working with the media coordinates with the EOC PIO

_____ **1.4** Ensure coordination of transportation needs for carless population (using NPP SOP); this task my be turned over to another responsible agency as available and possible

_____ **1.5** Ensure coordination of transportation of medical patients not needing an ambulance with the Medical Branch (using NPP SOP); this task may be turned over to another responsible agency as available and possible

_____ **1.6** Coordinate road closures and related barricade/warning sign equipment distribution

_____ **1.7** Conduct damage assessment of dams, roads and water systems

_____ **1.8** Provide damage assessment/situation status to the EOC command group and liaison

_____ **1.9** Advise ESD when conditions are safe for public reentry

ATTACHMENT 1.12 MEDICAL BRANCH CHECKLIST - LOPEZ DAM

The **Medical Branch** will be staffed by the San Luis Obispo County Emergency Medical Services Agency or alternate.

Medical Branch guidelines include:

_____ **1.1** Check in with CHO or Emergency Services Coordinator and obtain a briefing

_____ **1.2** Confirm Arroyo Grande Hospital has been notified

_____ **1.3** Advise MedCom of presence face to face and explain position role in the EOC

_____ **1.4** Assign staff to assist MedCom and coordinate medical communications

_____ **1.5** Establish contact with acute care hospitals in the County and explain situation

_____ **1.6** Consider the need to advise northern Santa Barbara County acute care hospitals

_____ **1.7** Contact private medical care facilities as listed in the CHO NPP SOP for evacuation coordination, if needed

_____ **1.8** Establish contact with all ambulance providers and explain situation

_____ **1.9** Request staffing of off duty ambulance and other medic units as needed

_____ **1.10** Consider activation of RDMHC System or other mutual aid

_____ **1.11** Use ambulance move up procedures ensure coverage of the county

_____ **1.12** Coordinate transportation needs for other medically dependent persons

_____ **1.13** Under direction of CHO, coordinate transportation of patients not needing an ambulance with County Public Works or other agency coordinating transportation resources

_____ **1.14** Coordinate distribution of patients to surrounding hospitals

_____ **1.15** Prepare information concerning emergency medical services for CHO, and for distribution to ESD and PIO

ATTACHMENT 1.13 PUBLIC HEALTH BRANCH - LOPEZ DAM

The **Public Health Branch** will be filled by the County Health Officer or his/her authorized alternate

Public Health guidelines include:

_____ **1.1** Participating as part of the EOC command staff for overall coordination

_____ **1.2** Confirming that Medical Branch checklist duties are being fulfilled

_____ **1.3** Provide public health nursing assistance with shelter staffing, evacuation teams, and phone inquiries as necessary

_____ **1.4** Ensure that Medical Unit is coordinating response efforts for special needs facilities in the affected area (Refer to Nuclear Power Plant Emergency Response Plan Standard Operating Procedure [III.05] for County Health Agency for a current listing of special needs facilities)

_____ **1.5** Ensure behavioral health/mental health services are being provided, as necessary.

_____ **1.6** Provide for sampling and testing to ensure adequate safe drinking water, control of sewage and septic, and assistance with related environmental problems as needed

ATTACHMENT 1.14 SHELTER AND WELFARE UNIT - LOPEZ DAM

Upon notification by County OES or related emergency organization staff, the **Shelter and Welfare Un**it - Social Services guidelines include, as necessary or requested:

_____ **1.1** Activate the Phone Assistance Center as needed and if instructed to do so

_____ **1.2** Using guidance from the generic EOC Shelter and Welfare SOP or NPP SOP, coordinate with ARC in determining locations, activating and managing one or more evacuation relocation shelters

_____ **1.3** Coordinate with EOC command group

_____ **1.4** Ensure shelter locations have been broadcast in follow up EAS messages and/or news releases

_____ **1.5** Ensure liaison with American Red Cross is established, including requesting a representative at the EOC if necessary

ATTACHMENT 2 - RIGHETTI DAM CHECKLISTS

If imminent dam failure is possible, Watch Commander may immediately proceed with any necessary actions prior to contacting Emergency Services Coordinator or other OES staff.

Righetti Dam is located in South County, one mile northeast of Orcutt Road and Righetti Road.

SHERIFF'S WATCH COMMANDER INITIAL RESPONSE GUIDELINES

1. Upon Receipt of Initial Notification of a Problem:

_____ **1.1** If the reporting party is reliable, note RP information and reported condition of dam below, then skip to item 2, Plan Activation. If you need to verify the report, then note RP information and reported condition of the dam, and go to item 1.2:

Time:_____ RP:_____

Report on Conditions:

_____ **1.2** If the reported problem needs verification, condition of the dam should be obtained by any of the following methods:

_____ **1.2.1** Contact a responsible Righetti representative at [redacted] or [redacted] or [redacted]; or

_____ **1.2.2** Dispatch a Sheriff's patrol unit, or other public agency near the dam in question via appropriate mode of transportation (with communication) to survey the dam area, including the possible use of CHP ground or air resources or the Sheriff's Aero Squadron and/or other air resources (CAL FIRE, U.S. Forest Service) and/or (go to 2):

2. Plan Activation

Upon receipt of notification by a reliable RP or upon confirmation of a problem with the dam, this plan will be considered activated. Watch Commander procedures to fully activate response include the following actions:

_____ **2.1** Obtain information on the nature of the incident using the form on the following page.

2.2 ACTUAL OR POTENTIAL DAM FAILURE REPORT FORM

Date:_____ Time:_____

Notified by:_____ Contact info:_____

Agency:

Name of Dam:

Nature of Incident:_____ Dam Failure:_____ Potential/Possible Dam Failure

Additional Details:

Notes

Continue with checklist on following pages.

Sheriff's Watch Commander Initial Response Guidelines, Righetti, continued

_____ **2.3** Contact the duty Emergency Services Coordinator (ESC) and advise of the situation

_____ **2.4** Have dispatchers contact and alert via appropriate ringdown phone:

_____ **2.4.1** CHP and request:

_____ 2.4.1.1 CHP units to stage and close Orcutt Road southbound at Biddle Ranch Road, and Orcutt Road northbound at Tiffany Ranch Road, and 227 northbound at Corbett Canyon and 227 southbound at Biddle Ranch Road

_____ 2.4.1.2 Advise CHP the inundation path for the water to flow is south of the intersection of Orcutt at Biddle Ranch and south of the intersection of Price Canyon at 227

_____ 2.4.1.3 Close Ormonde at Old Oak Park Road

_____ **2.4.2** CAL FIRE/COUNTY FIRE and request:

_____ 2.4.2.1 Units to stage and close the following intersections until relieved by CHP: Orcutt Road southbound at Biddle Ranch Road, and Orcutt Road northbound at Tiffany Ranch Road, and 227 northbound at Corbett Canyon and 227 southbound at Biddle Ranch Road

_____ 2.4.2.2 Advise CAL FIRE/County Fire the inundation path for the water to flow is south of the intersection of Orcutt at Biddle Ranch and south of the intersection of Price Canyon at 227

_____ 2.4.2.3 Advise the city of Pismo Beach as an advisory only that water may be flowing toward their city; request Pismo Beach P.D. close Price Canyon Road at the city limits; additional information will follow ASAP

_____ **2.5** If dam failure is occurring or is imminent, proceed to step 2.7

_____ **2.6** If dam failure is possible or potential, re-contact a responsible and get an updated condition on the dam. Specifically, if there a threat that failure may be imminent.

NOTE FOR 2.7: DO NOT ACTIVATE EWS SIRENS UNTIL YOU ARE READY TO FOLLOW UP WITH THE EAS MESSAGE

_____ **2.7** Activate EAS and issue warning message/evacuation order (see Attachment 2.1, following pages) AND THEN:

_____ **2.8** Using Siren Activation Procedures, activate the following five Early Warning System sirens:

_____ 701
_____ 842
_____ 848
_____ 852
_____ 854

_____ **2.9** Confirm all sirens sounded; for sirens that did not activate, use route alerting procedures located in the Siren Activation Procedures document.

_____ **2.10** Advise Sheriff or alternate and request presence at EOC

_____ **2.11** Request CHP helicopter (24 hours) and/or fixed wing and/or other air resources (Cal Fire, U.S. Forest Service) for aerial reconnaissance and rescue/warning assistance

_____ **2.12** Alert Sheriff's Aero Squadron for aerial reconnaissance and rescue/warning assistance

_____ **2.13** Establish EOC access control procedures (EOC will be activated by OES)

_____ **2.14** Begin Law Branch actions (see Attachment 2.4, following pages) until that position can be staffed in the EOC

ATTACHMENT 2.1 WARNING MESSAGE/EVACUATION ORDER - RIGHETTI

Message to be used in field and over EAS:

"Attention please. This is an emergency message for the general public below Righetti Dam. Notification has been received that Righetti Dam (chose one) *has failed or may fail*. This may cause major flooding in low lying areas below the dam.

As a result, the Sheriff's Department/County Office of Emergency Services is advising all residents and businesses between Righetti Dam and Highway 227 and 1,000 feet north or south of West Corral De Piedra Creek to *stand by to evacuate. Or - evacuate immediately*.

You should evacuate to the house of a relative or friend outside the evacuation boundaries. Evacuation routes include northbound or southbound on Orcutt Road and northbound or southbound on Highway 227. If you know of anyone who is disabled in the evacuation area, please assist by notifying that person of this emergency. If you can provide transportation for anyone without transportation, please do so. If you need transportation, call [redacted] again, if you need transportation, call [redacted].

Please cooperate fully with public safety officials and keep tuned to your radio for further emergency broadcast messages.

FOR IMMEDIATE MESSAGE/ORDER

Attention! All those living near Righetti Dam and West Corral De Piedra Creek move to high ground immediately. Righetti Dam is failing. Follow directions of police and firemen directing evacuation and rescue. (Repeat as necessary.)

ATTACHMENT 2.2 EMERGENCY SERVICES COORDINATOR INITIAL RESPONSE GUIDELINES - RIGHETTI DAM

Upon notification by Watch Commander, the duty Emergency Services Coordinator can make additional notifications as needed.

Upon arrival at the EOC, ESC(s) guidelines include:

_____ **1.1** Confirm activation of Local EAS and transmission of evacuation message;

_____ **1.2** Confirm EWS using sirens have been activated as necessary

_____ 701
_____ 842
_____ 848
_____ 852
_____ 854

_____ **1.3** If 1.1 or 1.2 actions have not been completed:
_____**1.3.1** Activate Local EAS and:
_____**1.3.2** If EWS has not been activated, activate EWS [redacted], using the EAS message (Attachment 2.1)

_____ **1.4** Confirm all five sirens sounded. If all sirens did not sound:
_____ **1.4.1** Request Watch Commander implement route alerting procedures for failed siren area

_____ **1.5** If necessary, request State EAS activation and read the EAS message (Attachment 2.1)

_____ **1.6** FAX EAS evacuation message to CHP, CAL FIRE ECC and the cities of Pismo Beach and San Luis Obispo

_____ **1.7** Confirm notifications have been made as listed in the Dam Failure tab of the BAG

_____ **1.8** Confirm Phone Assistance Center is being activated; refer to NPP Plan Social Services SOP for additional information

_____ **1.9** Confirm following agency representatives are enroute to the EOC (if not or unconfirmed, request response of a representative from the agency to the EOC):
_____ **1.9.1** County Public Works
_____ **1.9.2** Sheriff's Department
_____ **1.9.3** CHP

_____ **1.9.4** CAL FIRE/County Fire

_____ **1.10** Notify the following agencies and request a representative respond to the EOC:

_____ **1.10.1** EMSA
_____ **1.10.2** County Health Officer
_____ **1.10.3** County Environmental Health
_____ **1.10.4** County Communications; request Communications to notify and activate ARES/RACES at the EOC
_____ **1.10.5** American Red Cross
_____ **1.10.6** Social Services for Shelter and Welfare
_____ **1.10.7** Social Services for Phone Assistance Center

_____ **1.11** Notify and advise the following agencies of the situation:

_____ **1.11.1** State OES
_____ **1.11.2** State Dept. of Water Resources
_____ **1.11.3** Union Pacific Railroad

2. EOC Activation

_____ **2.1** Set Up EOC as needed and confirm full activation and mobilization

_____ **2.2** Assume role of "liaison" until relieved by other liaison staff

_____ **2.3** Refer to liaison or other SOPs for additional guidance

ATTACHMENT 2.3 EMERGENCY SERVICES DIRECTOR - RIGHETTI DAM

Upon activation of the County EOC, the ESD should consult with the County Public Works director, Sheriff's Department representative, County Fire representative, CHP representative, and County EOC PIO (Unified Command Group) to evaluate the situation and take appropriate actions, such as:

_____ **1.0** Receive briefing of situation

_____ **1.1** Make sure warning message and evacuation instructions are being issued to the public

_____ **1.2** Monitor, coordinate and evaluate emergency operations

_____ **1.3** Make sure that:

- _____ **1.3.1** PIO positions are activated
- _____ **1.3.2** Make sure PIO has staff for permanent staffing of EAS
- _____ **1.3.3** Liaison function is or will maintain communications links and coordination with critical utilities, supporting agencies and jurisdictions
- _____ **1.3.4** Phone Assistance Center is being staffed
- _____ **1.3.5** Shelter and Welfare Unit is activated and opening shelters

_____ **1.4** Discuss with PIO and ESCs the need to activate a media center

_____ **1.5** Consider declaring "Local Emergency" and consider request for "State of Emergency"

For additional guidance, refer to Non-NPP SOP or other relevant documents

ATTACHMENT 2.4 LAW BRANCH - RIGHETTI DAM

The Law Branch should be staffed by the Sheriff's Department. (Note: CHP is part of the EOC Unified Command Group as is the S.D.)

Upon orders to issue warning message/evacuation order, Law Branch guidelines include:

_____ **1.1** Receive briefing from the Watch Commander and OES staff

_____ **1.2** Work with WC and OES staff on problems needing immediate attention

_____ **1.3** Work with CHP and other EOC command staff on mutual evacuation issues, such as:

- _____ **1.3.1** Emergency evacuation of stranded persons
- _____ **1.3.2** Establishment of traffic control points
- _____ **1.3.3** Security for evacuated area

_____ **1.4** Oversee Interagency Coordination (IAC), including mutual aid needs, for law enforcement resources

_____ **1.5** Establish a position to track IAC needs

_____ **1.6** Consider establishing a position to coordinate air resources (Aerosquadron, CHP rotary and fixed, CAL FIRE, and other resources; an air operations branch director may be available through CAL FIRE)

_____ **1.7** Assist Fire Branch in search and rescue as needed.

_____ **1.8** Consider mutual aid as to assist with resource needs

_____ **1.9** Keep liaison position informed of your resource requests (in order to anticipate resource needs such as fuel trucks, feeding, and related support items)

_____ **1.10** Make sure Sheriff's PIO is working with the EOC PIO

_____ **1.11** Direct Animal Services to provide animal services as necessary for citizens going to shelters and for related animal care needs

_____ **1.12** Consider needs for additional resources such as Sheriff's Department Dive Team, Sheriff's Search and Rescue, and/or CAL FIRE/County Fire response for swift water rescue

ATTACHMENT 2.5 FIRE BRANCH - RIGHETTI DAM

Staffed by CAL FIRE/County Fire

Prior to and after arrival at the EOC, CAL FIRE/County Fire guidelines include:

_____ **1.1** Assist law enforcement/Law Branch in issuing warning message/evacuation order to areas as requested by Sheriff's Department and/or Law Branch

_____ **1.2** Utilize "Transportation Assistance Request" list for evacuation of that population

_____ **1.3** Participate in ongoing EOC Unified Command Group briefings and decisions

_____ **1.4** Make sure CAL FIRE/County Fire PIOs are coordinating information with EOC PIO

_____ **1.5** Perform Interagency Coordination duties, including usual mutual aid requests and tracking needs

_____ **1.6** Coordinate Search and Rescue (in conjunction with law enforcement)

ATTACHMENT 2.6 PUBLIC WORKS BRANCH - RIGHETTI DAM

Public Works Branch guidelines include:

_____ **1.1** Staff the EOC command group

_____ **1.2** Provide updates on the condition of the dam to the EOC or Watch Commander prior to EOC activation

_____ **1.3** Make sure Public Works staff working with the media coordinates with the EOC PIO

_____ **1.4** Ensure coordination of transportation needs for carless population (using NPP SOP); this task my be turned over to another responsible agency as available and possible

_____ **1.5** Ensure coordination of transportation of medical patients not needing an ambulance with the Medical Branch (using NPP SOP); this task may be turned over to another responsible agency as available and possible

_____ **1.6** Coordinate road closures and related barricade/warning sign equipment distribution

_____ **1.7** Conduct damage assessments of dams, roads and water systems.

_____ **1.8** Provide damage assessment/situation status to the EOC command group and liaison

_____ **1.9** Advise ESD when conditions are safe for public reentry

ATTACHMENT 2.7 MEDICAL BRANCH CHECKLIST - RIGHETTI DAM

The Medical Branch will be staffed by the San Luis Obispo County Emergency Medical Services Agency or alternate.

Medical Branch guidelines include:

_____ **1.1** Check in with CHO or Emergency Services Coordinator and obtain a briefing

_____ **1.2** Advise Med-Com of presence face to face and explain position role in the EOC

_____ **1.3** Assign staff to assist Med-Com and coordinate medical communications

_____ **1.4** Contact private care medical care facilities as listed in the CHO NPP SOP for evacuation coordination if needed

_____ **1.5** Establish contact with all ambulance providers and explain situation

_____ **1.6** Request staffing of off duty ambulance and other medic units as needed

_____ **1.7** Consider activation of RDMHC System or other mutual aid

_____ **1.8** Use ambulance move up procedures assure coverage of the county

_____ **1.9** Coordinate transportation needs for other medically dependent persons

_____ **1.10** Under direction of CHO, coordinate transportation of patients not needing an ambulance with County Public Works or other agency coordinating transportation resources

_____ **1.11** Coordinate distribution of patients to surrounding hospitals

_____ **1.12** Prepare information concerning emergency medical services for CHO, distribute to ESD and PIO

ATTACHMENT 2.8 PUBLIC HEALTH BRANCH - RIGHETTI DAM

The Public Health Branch will be filled by the County Health Officer or his/her authorized alternate

Public Health guidelines include:

_____ **1.1** Participating as part of the EOC command staff for overall coordination

_____ **1.2** Confirming that Medical Branch checklist duties are being fulfilled

_____ **1.3** Provide public health nursing assistance with shelter staffing, evacuation teams, and phone inquiries as necessary

_____ **1.4** Ensuring Medical Unit is coordinating response efforts for special needs facilities in the affected area (refer to Nuclear Power Plant Emergency Response Plan Standard Operating Procedure [III.05] for County Health Agency for a current listing of special needs facilities)

_____ **1.5** Ensure behavioral health/mental health services are being provided, as necessary.

_____ **1.6** Provide for sampling and testing to ensure adequate safe drinking water, control of sewage and septic and assistance with related environmental problems, as needed

ATTACHMENT 2.9 SHELTER AND WELFARE UNIT - RIGHETTI DAM

Upon notification by County OES or related emergency organization staff, the Shelter and Welfare Unit - Social Services guidelines include:

_____ **1.1** Activate the Phone Assistance Center

_____ **1.2** Using guidance from the generic EOC Shelter and Welfare SOP or NPP SOP, coordinate with ARC in determining locations, activating and managing one or more evacuation shelters

_____ **1.3** Coordinate with EOC command group

_____ **1.4** Ensure shelter locations have been broadcast in follow up EAS messages and/or news releases

_____ **1.5** Ensure liaison with American Red Cross is established, including requesting a representative at the EOC if necessary

ATTACHMENT 3 - SALINAS/SANTA MARGARITA DAM CHECKLISTS

If imminent dam failure is possible, Watch Commander may immediately proceed with any necessary actions prior to contacting Emergency Services Coordinator or other OES staff.

Salinas/Santa Margarita Dam is located about 2 miles southeast of Pozo Road and Las Pilitas Road, southeast of the community of Santa Margarita.

SHERIFF'S WATCH COMMANDER INITIAL RESPONSE GUIDELINES

NOTE: IT WILL TAKE ABOUT THREE HOURS FOR THE WATER TO FLOW THE 19 MILES TO ATASCADERO, according to information on the Army Corp of Engineer's inundation map.

1. Upon Receipt of Initial Notification of a Problem:

_____ **1.1** If the reporting party is reliable, note RP information and reported condition of dam below, then skip to item 2, Plan Activation. If you need to verify the report, then note RP information and reported condition of the dam, and go to item 1.2:

Time_____ RP:_____

Report on Conditions:

_____ **1.2** If the reported problem needs verification, condition of the dam should be obtained by any of the following methods:

_____ **1.2.1** Contact Salinas Dam tender(s) at [redacted] or [redacted]; or [redacted] (booster station); if no response:

_____ **1.2.2** Contact County Public Works (radio black net or call out list) and/or (go to 1.2.3):

_____ **1.2.3** Dispatch a Sheriff's patrol unit, or other public agency near the dam in question via appropriate mode of transportation (with communication) to survey the dam area, including the possible use of CHP ground or air resources or the Sheriff's Aero Squadron and/or other air resources (CAL FIRE, U.S. Forest Service) and/or (go to 2.):

Sheriff's Watch Commander Initial Response Guidelines, Salinas/S.Marg., continued

2. Plan Activation

Upon receipt of notification by a reliable RP or upon confirmation of a problem with the dam, this plan will be considered activated. Watch Commander procedures to fully activate response include the following actions:

_____ **2.1** Obtain information on the nature of the incident using the form on the following page/below.

2.2 ACTUAL OR POTENTIAL DAM FAILURE REPORT FORM

Date:_____ Time:_____

Notified by:_____ Contact info:_____

Agency:

Name of Dam:

Nature of Incident:_____ Dam Failure:_____ Potential/Possible Dam Failure

Additional Details:

Notes

Continue with checklist on following pages.

Sheriff's Watch Commander Initial Response Guidelines, Salinas/S.Marg., continued

_____ **2.3** Contact the duty Emergency Services Coordinator (ESC) and advise of the situation.

_____ **2.4** Have dispatchers contact and alert via appropriate ringdown phone, advise of situation, and inform them that additional information will be provided ASAP:

- _____ **2.4.1** Atascadero P.D.
- _____ **2.4.2** CHP
- _____ **2.4.3** Atascadero State Hospital
- _____ **2.4.4** Paso Robles P.D.
- _____ **2.4.5** CAL FIRE/County Fire (request they advise Templeton and San Miguel Fire)

_____ **2.5** If dam failure is occurring or is imminent, proceed to step 2.7.

_____ **2.6** If dam failure is possible or potential, re-contact a responsible and get an updated condition on the dam. Specifically, if there is a threat that failure may be imminent.

If failure may be imminent, continue with 2.7

_____ **2.7** Activate EAS and issue warning message/evacuation order (see Attachment 3.1, following pages)

_____ **2.8** Advise Sheriff or alternate and request presence at EOC

_____ **2.9** Request CHP helicopter (24 hours) and/or fixed wing and/or other air resources (CAL FIRE, U.S. Forest Service) for aerial reconnaissance and rescue/warning assistance

_____ **2.10** Alert Sheriff's Aero Squadron for aerial reconnaissance and rescue/warning assistance

_____ **2.11** Establish EOC access control procedures (EOC will be activated by OES)

_____ **2.12** Begin Law Branch actions (see Attachment 3.4, following pages) until that position can be staffed in the EOC

ATTACHMENT 3.1 WARNING MESSAGE/EVACUATION ORDER - SALINAS

Message for Salinas/Santa Margarita to be used in field and over EAS:

"Attention please. This is an emergency message for the general public below Salinas/Santa Margarita Reservoir. Notification has been received that Salinas/Santa Margarita Dam (choose one) *has failed or may fail*. This may cause major flooding in low lying areas below the dam.

Therefore, the Sheriff's Department/County Office of Emergency Services is advising all residents and businesses between the evacuation boundaries of the Santa Margarita Dam and the Monterey County line, and within 3,000 feet east or west of the low lying areas near the Salinas River, to standby to *evacuate/ evacuate immediately*.

Gather the necessary food, clothing and bedding for at least 72 hours. Bring cash, credit cards, checkbook and necessary medications. Secure your house before leaving. You should evacuate to the house of a relative or friend outside the evacuation boundaries. Evacuation routes include northbound on Highway 101 from Templeton to the Monterey County line and southbound on Highway 101, from Atascadero to Santa Margarita. If you know of anyone who is disabled in the evacuation area, please assist by notifying that person of this emergency. If you can provide transportation for anyone without transportation, please do so.

Please cooperate fully with public safety officials and keep tuned to your radio for further emergency broadcast messages.

FOR IMMEDIATE MESSAGE/ORDER

Attention! All those living near and below Salinas/Santa Margarita Dam or within 3,000 feet of the Salinas River move to high ground immediately. Salinas/Santa Margarita Dam is failing. Follow directions of police and firefighters directing evacuation and rescue. (Repeat as necessary.)

ATTACHMENT 3.2 EMERGENCY SERVICES COORDINATOR INITIAL RESPONSE GUIDELINES - SALINAS DAM

Upon notification by Watch Commander, the duty Emergency Services Coordinator can make additional notifications as needed.

1.0 Upon arrival at the EOC, ESC(s) guidelines include:

_____ **1.1** Confirm EAS has been activated and message for Salinas Dam has been read

- _____ **1.1.1** If EAS has not been activated, activate Local EAS, if necessary, and read message (Attachment 3.1)
- _____ **1.1.2** Consideration requesting activation of State EAS if necessary

_____ **1.2** FAX EAS evacuation messages to the cities of Atascadero, Paso Robles, CHP, CAL FIRE ECC; and Atascadero State Hospital.

_____ **1.3** Confirm notifications have been made as listed in the Dam Failure tab of the BAG

_____ **1.4** Confirm Phone Assistance Center is being activated; refer to NPP Plan Social Services SOP for additional information

_____ **1.5** Confirm following agency representatives are enroute to the EOC (if not or unconfirmed, request response of a representative from the agency to the EOC):

- _____ **1.5.1** County Public Works
- _____ **1.5.2** Sheriff's Department
- _____ **1.5.3** CHP
- _____ **1.5.4** CAL FIRE/County Fire

_____ **1.6** Notify the following agencies and request a representative respond to the EOC:

- _____ **1.6.1** EMSA
- _____ **1.6.2** County Office of Education
- _____ **1.6.3** County Health Officer
- _____ **1.6.4** County Environmental Health
- _____ **1.6.5** County Communications; request Communications to notify and activate ARES/RACES at the EOC
- _____ **1.6.6** Red Cross
- _____ **1.6.7** Social Services for Shelter and Welfare
- _____ **1.6.8** Social Services for Phone Assistance Center
- _____ **1.6.9** PG&E Division/Switchyard

_____ **1.6.10** Southern California Gas Company
_____ **1.6.11** AT&T

_____ **1.7** Notify and advise the following agencies of the situation:

_____ **1.7.1** State OES
_____ **1.7.2** State Dept. of Water Resources
_____ **1.7.3** Union Pacific Railroad
_____ **1.7.4** Camp Roberts

2.0 EOC Activation

_____ **2.1** Set Up EOC as needed and confirm full activation and mobilization

_____ **2.2** Assume role of "liaison" until relieved by other liaison staff

_____ **2.3** Refer to liaison or other SOPs for additional guidance

_____ **2.4** Develop additional EAS messages with more precise evacuation instructions and other information as needed (refer to Salinas Dam inundation maps in the EOC)

ATTACHMENT 3.3 EMERGENCY SERVICES DIRECTOR - SALINAS DAM

Upon activation of the County EOC, the ESD should consult with the County Public Works Director, Sheriff's Department representative, County Fire representative, CHP representative, and County EOC PIO (Unified Command Group) to evaluate the situation and take appropriate actions. Guidelines include:

_____ **1.0** Receive briefing of situation

_____ **1.1** Make sure warning message and evacuation instructions are being issued to the public

_____ **1.2** Monitor, coordinate and evaluate emergency operations

_____ **1.3** Make sure that:

- _____ **1.3.1** PIO positions are activated
- _____ **1.3.2** Make sure PIO has staff for permanent staffing of EAS
- _____ **1.3.3** Liaison function is or will maintain communications links and coordination with critical utilities, supporting agencies and jurisdictions
- _____ **1.3.4** Phone Assistance Center is being staffed
- _____ **1.3.5** Shelter and Welfare Unit is activated and opening shelters

_____ **1.4** Discuss with PIO and ESCs the need to activate a media center

_____ **1.5** Consider declaring "Local Emergency" and consider request for "State of Emergency"

For additional guidance, refer to ESD SOP for Non-NPP events or other documents as suggested by ESCs

ATTACHMENT 3.4 LAW BRANCH - SALINAS DAM

The Law Branch will be staffed by the Sheriff's Department (Note: CHP is part of the EOC Unified Command Group as is the Sheriff's Department)

Upon orders to issue warning message/evacuation order, Law Branch guidelines include:

_____ **1.1** Receive briefing from the Watch Commander and OES staff

_____ **1.2** Work with WC and OES staff on problems needing immediate attention

_____ **1.3** Work with CHP and other EOC command staff on mutual evacuation issues, such as:
- _____ **1.3.1** Emergency evacuation of stranded persons
- _____ **1.3.2** Establishment of Traffic Control Points
- _____ **1.3.3** Security for evacuated area

_____ **1.4** Oversee Interagency Coordination (IAC), including mutual aid needs, for law enforcement resources

_____ **1.5** Establish a position to track IAC needs

_____ **1.6** Consider establishing a position to coordinate air resources (Aerosquadron, CHP rotary and fixed, CAL FIRE, and other resources; an air operations branch director may be available through CAL FIRE)

_____ **1.7** Assist Fire Branch in search and rescue as needed.

_____ **1.8** Consider mutual aid to assist with resource needs

_____ **1.9** Keep liaison position informed of your resource requests (in order to anticipate resource needs such as fuel trucks, feeding, and related support items)

_____ **1.10** Make sure Sheriff's PIO is working with the EOC PIO

_____ **1.11** Request Animal Services to provide animal services as necessary for citizens going to shelters and for related animal care needs

_____ **1.12** Consider needs for additional resources such as Sheriff's Department Dive Team, Sheriff's Search and Rescue, and/or CAL FIRE/County Fire response for swift water rescue

ATTACHMENT 3.5 FIRE BRANCH - SALINAS DAM

Staffed by CAL FIRE/County Fire

Prior to and after arrival at the EOC, CAL FIRE/County Fire guidelines include:

_____ **1.1** Assist law enforcement/Law Branch in issuing warning message/evacuation order to areas as requested by the Sheriff's Department and/or Law Branch

_____ **1.2** Advise the following fire agencies of the situation:

- _____ **1.2.1** Templeton
- _____ **1.2.2** San Miguel
- _____ **1.2.3** Camp Roberts

_____ **1.3** Utilize "Transportation Assistance Request" list (NPP SOP/list) for evacuation of that population, as available. Advise or remind Atascadero, Templeton, Paso Robles, and San Miguel to do the same.

_____ **1.4** Participate in ongoing EOC Unified Command Group briefings and decisions

_____ **1.5** Make sure CAL FIRE/County Fire PIOs are coordinating information with EOC PIO

_____ **1.6** Perform Interagency Coordination duties, including usual mutual aid requests and tracking needs

_____ **1.7** Coordinate Search and Rescue (in conjunction with law enforcement)

ATTACHMENT 3.6 PUBLIC WORKS BRANCH - SALINAS DAM

Public Works Branch guidelines include:

_____ **1.1** Staff the EOC command group

_____ **1.2** Provide updates on the condition of the dam to the EOC or Watch Commander prior to EOC activation

_____ **1.3** Make sure Public Works staff working with the media coordinates with the EOC PIO

_____ **1.4** Ensure coordination of transportation needs for carless population (using NPP SOP); this task my be turned over to another responsible agency as available and possible

_____ **1.5** Ensure coordination of transportation of medical patients not needing an ambulance with the Medical Branch (using NPP SOP); this task may be turned over to another responsible agency as available and possible

_____ **1.6** Coordinate road closures and related barricade/warning sign equipment distribution

_____ **1.7** Conduct safety and damage assessment of dams, roads and water systems.

_____ **1.8** Provide safety and damage assessment/situation status to the EOC command group and liaison

_____ **1.9** Advise ESD when condition are safe for public reentry

ATTACHMENT 3.7 MEDICAL BRANCH CHECKLIST - SALINAS DAM

The Medical Branch will be staffed by the San Luis Obispo County Emergency Medical Services Agency or alternate.

Medical Branch guidelines include:

_____ **1.1** Check in with CHO or an Emergency Services Coordinator and obtain a briefing

_____ **1.2** Advise Med-Com of presence face to face and explain position role in the EOC

_____ **1.3** Assign staff to assist Med-Com and coordinate medical communications

_____ **1.4** Establish contact with all acute care hospitals in the County and explain situation

_____ **1.5** Contact private medical care facilities as listed in the CHO NPP SOP for evacuation coordination, if needed

_____ **1.6** Establish contact with all ambulance providers and explain situation

_____ **1.7** Request staffing of off duty ambulance and other medic units as needed

_____ **1.8** Consider activation of RDMHC system or other mutual aid

_____ **1.9** Use ambulance move up procedures to ensure coverage of the county

_____ **1.10** Coordinate transportation needs for other medically dependent persons.

_____ **1.11** Under direction of CHO, coordinate transportation of patients not needing an ambulance with County Public Works or other agency coordinating transportation resources

_____ **1.12** Coordinate distribution of patients to surrounding hospitals

_____ **1.13** Prepare information concerning emergency medical services for CHO, distribute to ESD and PIO

ATTACHMENT 3.8 PUBLIC HEALTH BRANCH - SALINAS DAM

The Public Health Branch will be filled by the County Health Officer or his/her authorized alternate

Public Health guidelines include:

_____ **1.1** Participating as part of the EOC command staff for overall coordination

_____ **1.2** Confirming that Medical Branch checklist duties are being fulfilled

_____ **1.3** Provide public health nursing assistance with shelter staffing, evacuation teams, and phone inquiries as necessary

_____ **1.4** Ensuring Medical Unit is coordinating response efforts for special needs facilities in the affected area (Refer to Nuclear Power Plant Emergency Response Plan Standard Operating Procedure [III.05] for County Health Agency for a current listing of special needs facilities)

_____ **1.5** Ensure behavioral health/mental health services are being provided, as necessary

_____ **1.6** Provide for sampling and testing to ensure adequate safe drinking water, control of sewage and septic, and assistance with related environmental problems as needed

ATTACHMENT 3.9 SHELTER AND WELFARE UNIT - SALINAS DAM

Upon notification by County OES or related emergency organization staff, the Shelter and Welfare Unit - Social Services guidelines include:

_____ **1.1** Activate the Phone Assistance Center

_____ **1.2** Using guidance from the generic EOC Shelter and Welfare SOP or NPP SOP, coordinate with ARC in determining locations, activating and managing one or more evacuation shelters

_____ **1.3** Coordinate with EOC command group

_____ **1.4** Ensure shelter locations have been broadcast in follow up EAS messages and/or news releases

_____ **1.5** Ensure liaison with American Red Cross is established, including requesting a representative at the EOC if necessary

ATTACHMENT 4 - SAN ANTONIO DAM CHECKLISTS

San Antonio Dam is located in southern Monterey County, one mile west of Nacimiento Lake Road (G19) Note: San Antonio Dam and the majority of the flood inundation area is located within the jurisdiction of Monterey County. Only a small pocket within San Luis Obispo County poses a potential life safety risk.

SHERIFF'S WATCH COMMANDER INITIAL RESPONSE GUIDELINES

1. Upon Receipt of Initial Notification of a Problem:

_____ **1.1** If the reporting party is reliable, note RP information and reported condition of dam below, then skip to item 2, Plan Activation. If you need to verify the report, then note RP information and reported condition of the dam, and go to item 1.2:

Time:_____ RP_____
Report on Conditions:

_____ **1.2** If the reported problem needs verification, condition of the dam should be obtained by any of the following methods:

_____ **1.2.1** Contact Monterey County via Salinas Communications, [redacted]

_____ **1.2.2** Dispatch a Sheriff's patrol unit (or other public agency) near the dam in question via appropriate mode of transportation (with communication) to survey the dam area, including the possible use of CHP ground or air resources or the Sheriff's Aero Squadron and/or other air resources (CAL FIRE, U.S. Forest Service) and/or:

2. Plan Activation

Upon receipt of notification by a reliable RP or upon confirmation of a problem with the dam, this plan will be considered activated. Watch Commander procedures to fully activate response include the following actions:

_____ **2.1** Obtain information on the nature of the incident using the form on the following page, as needed

2.2 ACTUAL OR POTENTIAL DAM FAILURE REPORT FORM

Date:_____ Time:_____

Notified by:_____ Contact info:_____

Agency:

Name of Dam:

Nature of Incident:_____ Dam Failure:_____ Potential/Possible Dam Failure

Additional Details:

Notes

Continue with checklist on following pages.

Sheriff's Watch Commander Initial Response Guidelines, San Antonio, continued

_____ **2.3** If the RP is not Monterey County, contact Salinas Communications, [redacted] for coordination and additional information

_____ **2.4** Contact the duty Emergency Services Coordinator (ESC) and advise of the situation

_____ **2.5** If dam failure is occurring or is imminent, proceed to step 2.7

_____ **2.6** If dam failure is possible or potential, re-contact the responsible and get an updated condition on the dam. Specifically, if there is a threat that failure may be imminent

If failure may be imminent, continue with 2.7

_____ **2.7** Activate EAS and issue warning message/evacuation order (see Attachment 4.1, following pages)

_____ **2.8** Request dispatchers contact and alert via appropriate ringdown phone:

- _____ **2.8.1** CHP
- _____ **2.8.2** CAL FIRE/County Fire and request
- _____ **2.8.3** Dispatching of units with P.A. systems to the intersection of Nacimiento Lake Drive and Interlake Road and request they close Nacimiento to northbound traffic until CHP or other law enforcement can arrive AND:
- _____ **2.8.4** Check for visitors or residents within San Luis Obispo County that are within 2 mile of San Antonio River and have them evacuate at least 2 mile from the San Antonio River
- _____ **2.8.5** Notify Camp Roberts Fire

_____ **2.9** Advise Sheriff or alternate and request presence at EOC

_____ **2.10** Request CHP helicopter (24 hours) and/or fixed wing and/or other air resources (CAL FIRE, U.S. Forest Service) for aerial reconnaissance and rescue/warning assistance

_____ **2.11** Dispatch available Sheriff's Department and other public safety units with P.A. systems to area of San Antonio River (intersection of Nacimiento Lake Drive/county line area) to alert and advise San Luis Obispo County residents and visitors within 2 miles of San Antonio Creek to evacuate to higher ground

Sheriff's Watch Commander Initial Response Guidelines, San Antonio, continued

_____ **2.12** Alert Sheriff's Aero Squadron for aerial reconnaissance and rescue/warning assistance

_____ **2.13** Establish perimeter/security checkpoint near intersection of Nacimiento Lake Drive (G19) and Nacimiento Lake Road (G14)

_____ **2.14** Provide support and assistance to Monterey County Sheriff's Department as requested

ATTACHMENT 4.1 WARNING MESSAGE/EVACUATION ORDER - SAN ANTONIO DAM

For San Antonio, the following message is to be used in field and over EAS:

"Attention please. This is an emergency message for the general public in San Luis Obispo County near the area of San Antonio Dam. Repeating, this is an emergency broadcast message for the general public in San Luis Obispo County near the area of San Antonio Dam. There is a problem with San Antonio Dam. All residents and visitors within San Luis Obispo County near the San Antonio River need to move at least 2 mile away from the river...repeating all residents and visitors within San Luis Obispo County that are near the San Antonio River need to move at least 2 mile away from the river.

Please cooperate fully with public safety officials and keep tuned to your radio for further emergency broadcast messages.

(Repeat as necessary)

ATTACHMENT 4.2 EMERGENCY SERVICES COORDINATOR -SAN ANTONIO DAM

Upon notification by Watch Commander, the duty Emergency Services Coordinator can make additional notifications as needed.

1.0 Upon arrival at the EOC, County Emergency Services Coordinator guidelines include:

_____ **1.1** Confirm WC has been in contact with Monterey County

_____ **1.2** Confirm WC will activate EAS, if needed.

_____ **1.3** Advise OES Supervisor and/or Deputy ESD and/or ESD

_____ **1.4** Contact and request assistance from County OES and/or related personnel as needed

_____ **1.5** Respond to EOC

Upon arrival at EOC:

_____ **1.6** Make sure that (within San Luis Obispo County) a 2 mile evacuation area from the San Antonio River has been established

_____ **1.7** Coordinate additional actions with Monterey County

_____ **1.8** Coordinate additional actions with San Luis Obispo County as needed

_____ **1.9** Make sure follow up and closure with EAS is performed

ATTACHMENT 5 - TERMINAL RESERVOIR/DAM CHECKLISTS

Terminal Dam is located in South County, 500 feet west of Orcutt Road and Lopez Drive

SHERIFF'S WATCH COMMANDER INITIAL RESPONSE GUIDELINES

1. Upon Receipt of Initial Notification of a Problem:

_____ **1.1** If the reporting party is reliable, note RP information and reported condition of dam below, then skip to item 2, Plan Activation. If you need to verify the report, then note RP information and reported condition of the dam, and go to item 1.2:

Time:_____ RP_____

Report on Conditions:

_____ **1.2** If the reported problem needs verification, condition of the dam should be obtained by any of the following methods:

_____ **1.2.1** Contact Lopez Dam tenders at [redacted]; if no response:

_____ **1.2.2** Contact Public Works (radio black net or call out list) and/or:

_____ **1.2.3** Dispatch a Sheriff's patrol unit (or other public agency) near the dam in question via appropriate mode of transportation (with communication) to survey the dam area. If needed, use CHP ground or air resources or the Sheriff's Aero Squadron and/or other air resources (CAL FIRE, U.S. Forest Service) and/or:

2. Plan Activation

Upon receipt of notification by a reliable RP or upon confirmation of a problem with the dam, this plan will be considered activated. Watch Commander procedures to fully activate response include the following actions:

_____ **2.1** Obtain information on the nature of the incident using the form on the following page, as necessary

2.2 ACTUAL OR POTENTIAL DAM FAILURE REPORT FORM

Date:_____ Time:_____

Notified by:_____ Contact info:_____

Agency:

Name of Dam:

Nature of Incident:_____ Dam Failure:_____ Potential/Possible Dam Failure

Additional Details:

Notes

Continue with checklist on following pages.

Sheriff's Watch Commander Initial Response Guidelines, Terminal, continued

_____ **2.3** Contact the duty Emergency Services Coordinator (ESC) and advise of the situation.

_____ **2.4** Have dispatchers contact and alert via appropriate ringdown phone:

_____ **2.4.1** CHP and request:

_____ CHP units to stage and close Lopez Drive eastbound at Huasna Road and Lopez Drive westbound at Orcutt Road

_____ Advise CHP the inundation path for the water to flow will be within 3,000 feet of Arroyo Grande Creek between Orcutt Road and Huansa Road

_____ **2.4.2** Arroyo Grande PD and request AOA to close Lopez Drive to eastbound traffic at Huasna Drive

_____ **2.4.3** Advise AGPD that flood waters should not reach the city limits however Arroyo Grande Creek may be full and flowing rapidly

_____ **2.4.4** CAL FIRE/County Fire and request:

_____ Units to stage at Orcutt Road and Lopez Drive for possible evacuation or flood related assistance and request they close Lopez Drive to westbound traffic at Orcutt Road until CHP can arrive

_____ Advise CAL FIRE that the water will flood from the dam to an area prior to Huasna Road and to try to remain at least 3,000 feet away from Arroyo Grande Creek

_____ **2.4.5** Advise Pismo Beach P.D. as an advisory only that water may be flowing toward their city

_____ **2.5** If dam failure is occurring or is imminent, proceed to step 2.7

_____ **2.6** If dam failure is possible, re-contact a responsible party and get an updated condition on the dam. Specifically, if there is a threat that failure may be imminent.

If failure is imminent, continue with 2.7

NOTE FOR 2.7: DO NOT ACTIVATE EWS SIRENS UNTIL YOU ARE READY TO FOLLOW UP WITH THE EAS MESSAGE

_____ **2.7** Activate EAS and issue warning message/evacuation order (see Attachment 5.1, following page(s)) AND THEN (go to 2.8):

_____ **2.8** Using Siren Activation Procedures, activate the Group 26 Early Warning System sirens

_____ **2.9** Confirm all sirens sounded; for sirens that did not activate, use route alerting procedures located in the Siren Activation Procedures document

_____ **2.10** Advise Sheriff or alternate and request presence at EOC

_____ **2.11** Request CHP helicopter (24 hours) and/or fixed wing and/or other air resources (CAL FIRE, U.S. Forest Service) for aerial reconnaissance and rescue/warning assistance

_____ **2.12** Alert Sheriff's Aero Squadron for aerial reconnaissance and rescue/warning assistance

_____ **2.13** Establish EOC access control procedures (EOC will be activated by OES)

_____ **2.14** Begin Law Branch actions (see Attachment 5.4, following pages) until that position can be staffed in the EOC

ATTACHMENT 5.1 WARNING MESSAGE/EVACUATION ORDER - TERMINAL DAM

For Terminal, the following message is to be used in the field and over EAS:

"Attention, attention... this is the County Sheriff's Department/County Office of Emergency Services broadcasting an emergency message due to a problem with Terminal Dam, located at the intersection of Orcutt Road and Lopez Drive east of Arroyo Grande. There is a problem with Terminal Dam that may cause major flooding in low lying areas below the dam along Arroyo Grande Creek up to and stopping near the city limits of Arroyo Grande.

All residents, businesses, and visitors between the intersection of Orcutt Road and Lopez Drive and the intersection of Husana Road and Lopez Drive need to move at least 3,000 feet away from Arroyo Grande Creek immediately...repeating...all residents, businesses, and visitors between the intersection of Orcutt Road and Lopez Drive and the intersection of Huasna Road and Lopez Drive need to move at least 3,000 feet away from Arroyo Grande Creek immediately.

Please cooperate fully with public safety officials and keep tuned to your radio for further emergency broadcast messages.

FOR IMMEDIATE MESSAGE/ORDER

Attention! All those living near Terminal Dam and Arroyo Grande Creek move to high ground immediately. Terminal Dam is failing. Everyone between the intersection of Orcutt Road and Lopez Drive and the intersection of Huansa Road and Lopez Drive need to move at least 3,000 feet from the Arroyo Grande Creek immediately. Tune to your AM/FM radio for further emergency broadcast messages. (Repeat as necessary.)

ATTACHMENT 5.2 EMERGENCY SERVICES COORDINATOR INITIAL RESPONSE GUIDELINES - TERMINAL DAM

Upon notification by Watch Commander, the duty Emergency Services Coordinator will make notifications as needed.

1.0 Upon arrival at the EOC, ESC(s) guidelines include:

_____ **1.1** Confirm activation of Local EAS and transmission of evacuation message;

_____ **1.2** Confirm activation of EWS Group 26 sirens, as necessary

_____ **1.3** If 1.1 or 1.2 actions have not been completed:
- _____ **1.3.1** Activate Local EAS and:
- _____ **1.3.2** If EWS has not been activated, activate EWS Group 26, as necessary using the EAS message (Attachment 5.1)

_____ **1.4** Confirm all sirens sounded. If all sirens did not sound:
- _____ **1.4.1** Request that the Watch Commander implement route alerting procedures for failed siren area

_____ **1.5** Have EAS activated and read the EAS message (Attachment 5.1)

_____ **1.6** FAX EAS evacuation message to CHP, CAL FIRE ECC, and cities of Pismo Beach and Arroyo Grande

_____ **1.7** Confirm notifications have been made as listed in the Dam Failure tab of the BAG

_____ **1.8** Confirm Phone Assistance Center is being activated; refer to NPP Social Services SOP for additional information

_____ **1.9** Confirm following agency representatives are enroute to the EOC (if not or unconfirmed, request a representative from each agency respond to the EOC):

- _____ **1.9.1** County Public Works
- _____ **1.9.2** Sheriff's Department
- _____ **1.9.3** CHP
- _____ **1.9.4** County Fire

_____ **1.10** Notify the following agencies and request a representative respond to the EOC:

- _____ **1.10.1** EMSA
- _____ **1.10.2** County Health Officer

_____ **1.10.3** County Environmental Health
_____ **1.10.4** County Communications; request Communications to notify and activate ARES/RACES at the EOC
_____ **1.10.5** Red Cross
_____ **1.10.6** Social Services for Shelter and Welfare
_____ **1.10.7** Social Services for Phone Assistance Center

_____ **1.11** Notify and advise the following agencies of the situation:

_____ **1.11.1** State OES
_____ **1.11.2** State Dept. of Water Resources
_____ **1.11.3** Union Pacific Railroad

2.0 EOC Activation

_____ **2.1** Set up EOC as needed and confirm full activation and mobilization

_____ **2.2** Assume role of "liaison" until relieved by other liaison qualified staff

_____ **2.3** Refer to liaison or other SOPs for additional guidance

ATTACHMENT 5.3 EMERGENCY SERVICES DIRECTOR - TERMINAL DAM

Upon activation of the County EOC, the ESD should consult with the County Public Works, Sheriff's representative, County Fire representative, CHP representative, and County EOC PIO (Unified Command Group) to evaluate the situation and take appropriate actions, guidelines include:

_____ **1.1** Receive briefing of situation

_____ **1.2** Make sure warning message and evacuation instructions are being issued to the public

_____ **1.4** Monitor, coordinate and evaluate emergency operations

_____ **1.5** Make sure that:

- _____ **1.5.1** PIO positions are activated
- _____ **1.5.2** Make sure PIO has staff for permanent staffing of EAS
- _____ **1.5.3** Liaison function is or will maintain communications links and coordination with critical utilities, supporting agencies and jurisdictions
- _____ **1.5.4** Phone Assistance Center is being staffed
- _____ **1.5.5** Shelter and Welfare Unit is activated and opening shelters

_____ **1.6** Discuss with PIO and ESCs the need to activate a media center

_____ **1.7** Consider declaring "Local Emergency" and consider request for "State of Emergency"

For additional guidance, refer to Non-NPP SOP or other relevant documents

ATTACHMENT 5.4 LAW BRANCH - TERMINAL DAM

The Law Branch will be staffed by the Sheriff's Department (Note: CHP is part of the EOC Unified Command Group as is the Sheriff's Department)

Upon orders to issue warning message/evacuation order, Law Branch guidelines include:

_____ **1.1** Receive briefing from the Watch Commander and/or OES staff

_____ **1.2** Work with WC and OES staff on problems needing immediate attention

_____ **1.3** Work with CHP and other EOC command staff on mutual evacuation issues, such as:

- _____ **1.3.1** Emergency evacuation of stranded persons
- _____ **1.3.2** Establishment of Traffic Control Points
- _____ **1.3.3** Security for evacuated area

_____ **1.4** Oversee Interagency Coordination (IAC), including mutual aid needs, for law enforcement resources

_____ **1.5** Establish a position to track IAC needs

_____ **1.6** Consider establishing a position to coordinate air resources (Aerosquadron, CHP helicopters and fixed wing, CAL FIRE, and other resources; an air operations branch director may be available through CAL FIRE)

_____ **1.7** Assist Fire Branch in search and rescue as needed.

_____ **1.8** Consider requesting mutual aid as to assist with resource needs

_____ **1.9** Keep liaison position informed of your resource requests (in order to anticipate resource needs such as fuel trucks, feeding, and related support items)

_____ **1.10** Make sure Sheriff's PIO is working with the EOC PIO

_____ **1.11** Request Animal Services to provide animal services as necessary for citizens going to shelters and for related animal care needs

_____ **1.12** Consider needs for additional resources such as Sheriff's Department Dive Team, Sheriff's Search and Rescue, and/or CAL FIRE/County Fire response for swift water rescue

ATTACHMENT 5.5 FIRE BRANCH - TERMINAL DAM

The Fire Branch will be staffed by CAL FIRE/County Fire.

Prior to and after arrival at the EOC, CAL FIRE/County Fire guidelines include:

_____ **1.1** Assist law enforcement/Law Branch in issuing warning message/evacuation order to areas as requested by the Watch Commander and/or Law Branch

_____ **1.2** Utilize "Transportation Assistance Request" list for evacuation of that population; remind Arroyo Grande Fire, Grover Beach, Oceano, and Pismo Beach are advised to do the same.

_____ **1.3** Participate in ongoing EOC Unified Command Group briefings and decisions

_____ **1.4** Make sure CAL FIRE/County Fire PIOs are coordinating information with EOC PIO

_____ **1.5** Perform Interagency Coordination duties, including usual mutual aid requests and tracking needs

_____ **1.6** Coordinate Search and Rescue (in conjunction with law enforcement); call in needed resources, such as swift water rescue personnel

ATTACHMENT 5.6 PUBLIC WORKS BRANCH - TERMINAL DAM

Public Works Branch guidelines include:

_____ **1.1** Staff the EOC command group

_____ **1.2** Provide updates on the condition of the dam to the EOC or Sheriff's Watch Commander prior to EOC activation

_____ **1.3** Make sure Public Works staff are working with the EOC PIO

_____ **1.4** Ensure coordination of transportation needs for carless population (using NPP SOP); this task my be turned over to another responsible agency as available and possible

_____ **1.5** Ensure coordination of transportation of medical patients not needing an ambulance with the Medical Branch (using NPP SOP); this task may be turned over to another responsible agency as available and possible

_____ **1.6** Coordinate road closures and related barricade/warning sign equipment distribution

_____ **1.7** Conduct damage assessment of dams, roads and water systems.

_____ **1.8** Provide damage assessment/situation status to the EOC command group and liaison

_____ **1.9** Advise ESD when condition are safe for public reentry

ATTACHMENT 5.7 MEDICAL BRANCH CHECKLIST - TERMINAL DAM

The Medical Branch will be staffed by the San Luis Obispo County Emergency Medical Services Agency or alternate.

Medical Branch guidelines include:

_____ **1.1** Check in with CHO or Emergency Services Coordinator and obtain a briefing

_____ **1.2** Advise Med-Com of presence face to face and explain position/role in the EOC

_____ **1.3** Assign staff to assist Med-Com and coordinate medical communications

_____ **1.4** Contact private medical care facilities as listed in the CHO NPP SOP for evacuation coordination, if needed

_____ **1.5** Establish contact with ambulance providers and explain situation

_____ **1.6** Request staffing of off duty ambulance and other medic units as needed

_____ **1.7** Consider activation of RDMHC System or other mutual aid

_____ **1.8** Use ambulance move up procedures to ensure countywide coverage

_____ **1.9** Coordinate transportation needs for other medically dependent persons

_____ **1.10** Under direction of CHO, coordinate transportation of those patients not needing an ambulance with County Public Works or other agency coordinating transportation resources

_____ **1.11** Coordinate distribution of patients to surrounding hospitals

_____ **1.12** Prepare information concerning emergency medical services for CHO, distribute to ESD and PIO

ATTACHMENT 5.8 PUBLIC HEALTH BRANCH - TERMINAL DAM

The Public Health Branch will be staffed by the County Health Officer or his/her authorized alternate

Public Health guidelines include:

_____ **1.1** Participating as part of the EOC command staff for overall coordination

_____ **1.2** Confirming that Medical Branch checklist duties are being fulfilled

_____ **1.3** Provide public health nursing assistance with shelter staffing, evacuation teams, and phone inquiries as necessary

_____ **1.4** Ensuring Medical Unit is coordinating response efforts for special needs facilities in the affected area (Refer to Nuclear Power Plant Emergency Response Plan Standard Operating Procedure [III.05] for County Health Agency for a current listing of special needs facilities)

_____ **1.5** Ensure behavioral health/mental health services are being provided, as necessary

_____ **1.6** Provide for sampling and testing to ensure adequate safe drinking water, control of sewage and septic, and assistance with related environmental problems as needed

ATTACHMENT 5.9 SHELTER AND WELFARE UNIT - TERMINAL DAM

Upon notification by County OES or related emergency organization staff, the Shelter and Welfare Unit - Social Services guidelines include:

_____ **1.1** Activate the Phone Assistance Center

_____ **1.2** Using guidance from the generic EOC Shelter and Welfare SOP or NPP SOP, coordinate with ARC in determining locations, activating and managing one or more evacuation relocation shelters

_____ **1.3** Coordinate with EOC command group

_____ **1.4** Ensure shelter locations have been broadcast in follow up EAS messages and/or news releases

_____ **1.5** Ensure liaison with American Red Cross is established, including requesting a representative at the EOC if necessary

ATTACHMENT 6 - TWITCHELL DAM CHECKLISTS

SANTA MARIA RIVER LEVEE FAILURE – use these same procedures, exactly

Twitchell Dam is located in South County, 2 miles south of Highway 166 and Twitchell Dam Road. NOTE: The majority of flood inundation, if Twitchell Dam or the Santa Maria River levee failed, would be located within the jurisdiction of Santa Barbara County. If the levee also failed, pockets of San Luis Obispo County (in the Oso Flaco area) could potentially pose a life safety risk to approximately 80 to 120 people

SHERIFF'S WATCH COMMANDER INITIAL RESPONSE GUIDELINES

1. Upon Receipt of Initial Notification of a Problem:

_____ **1.1** If the reporting party is reliable, note RP information and reported condition of dam below, then skip to item 2, Plan Activation. If you need to verify the report, then note RP information and reported condition of the dam, and go to item 1.2:

Time: _____ RP:_____

Report on Conditions

_____ **1.2** If the reported problem needs verification, condition of the dam should be obtained by any of the following methods:

_____ **1.2.1** Contact Santa Barbara County S.O. communications [redacted] and the residence at the dam [redacted] or the Santa Maria Valley Water Conservation District at [redacted]

_____ **1.2.2** If unable to verify, dispatch a Sheriff's patrol unit (or other resource) near the dam in question (with communication) to survey the dam and/or levee area, including the possible use of CHP ground or air resources or the Sheriff's Aero Squadron and/or other air resources (CAL FIRE, U.S. Forest Service)

2. Plan Activation

Upon receipt of notification by a reliable RP or upon confirmation of a problem with the dam, this plan will be considered activated. Watch Commander procedures to fully activate response include the following actions:

_____ **2.1** Obtain information on the nature of the incident using the form on the following page.

2.2 ACTUAL OR POTENTIAL DAM or LEVEE FAILURE REPORT FORM

Date:_____ Time:_____

Notified by:_____ Contact info:_____

Agency:

Name of Dam:

Nature of Incident:_____ Actual Dam or Levee Failure:_____

Potential/Possible Dam or Levee Failure

Additional Details:

Notes

Continue with checklist on following pages.

Sheriff's Watch Commander Initial Response Guidelines, Twitchell or Santa Maria River levee, continued

_____ **2.3** Contact the duty Emergency Services Coordinator (ESC) and advise of the situation.

_____ **2.4** Have dispatchers contact and alert via appropriate ringdown phone, advise of situation, and inform them that additional information will be provided ASAP:

_____ **2.4.1** CHP
_____ **2.4.2** CAL FIRE/County Fire

_____ **2.5** If dam failure is occurring or is imminent, proceed to step 2.7

_____ **2.6** If dam failure is possible or potential, re-contact a responsible party and get an updated condition on the dam; specifically, if there is a threat that failure may be imminent

If failure is imminent, continue with 2.7.

_____ **2.7** Activate EAS and issue warning message/evacuation order (see page Attachment 6.1, following page(s))

_____ **2.8** Advise Sheriff or alternate and request presence at EOC

_____ **2.9** Request CHP helicopter (24 hours) and/or fixed wing and/or other air resources (CAL FIRE, U.S. Forest Service) for aerial reconnaissance and rescue/warning assistance

_____ **2.10** Alert Sheriff's Aero Squadron for aerial reconnaissance and rescue/warning assistance

_____ **2.11** Establish EOC access control procedures (EOC will be activated by OES)

_____ **2.12** Communicate with Santa Barbara County S.O. to coordinate actions and/or information

_____ **2.13** Begin Law Branch actions (see Attachment 6.4, following pages) until that position can be staffed in the EOC

ATTACHMENT 6.1 WARNING MESSAGE/EVACUATION ORDER - TWITCHELL

The following message is to be used in field and over EAS:

"Attention, please. This is an emergency message for San Luis Obispo County residents below Twitchell Dam and along the Santa Maria River. Notification has been received that ... *CHOOSE ONE* ... Twitchell Dam OR the Santa Maria River levee may fail. This may cause major flooding in low lying areas below the dam along the Santa Maria River. This includes the Oso Flaco area in San Luis Obispo County.

All residents, businesses, and visitors in the following areas need to evacuate...evacuate to the north immediately:

- Bull Canyon Road area
- All of Cuyama Lane...and all areas at the end of Cuyama Lane
- Hutton Road south of Cuyama Lane
- All of Riverside Road...repeating...all of Riverside Road
- All areas between the Mesa bluffs and the Pacific Ocean and the Santa Maria River...repeating all areas between the Mesa bluffs and the Pacific Ocean and the Santa Maria River need to evacuate...this includes all of Oso Flaco Lake Road, Bonita School Road, Thornberry Road, and Division west of the Mesa bluffs.

You should evacuate to the house of a relative or friend outside the evacuation boundaries. When evacuating go north on any road out of the area; do not go south. Evacuation routes include northbound on either Highway 1 or Highway 101. If you know of anyone who is disabled in the evacuation area, please assist by notifying that person of this emergency. If you can provide transportation for anyone without transportation, please do so.

Please cooperate fully with public safety officials and keep tuned to your radio for further emergency broadcast messages.

FOR IMMEDIATE MESSAGE/ORDER

Attention! All those living below Twitchell Dam along the Santa Maria River move to high ground immediately**.** ***CHOOSE ONE*** ... Twitchell Dam ... or ... the Santa Maria River levee ... is failing. Turn on your AM or FM radio for additional information. (Repeat as necessary.)

ATTACHMENT 6.2 EMERGENCY SERVICES COORDINATOR INITIAL RESPONSE GUIDELINES - TWITCHELL DAM

Upon notification by Watch Commander, the duty Emergency Services Coordinator will make notifications as needed.

1.0 Upon arrival at the EOC, ESC(s) guidelines include:

_____ **1.1** Confirm EAS has been activated and message for Twitchell Dam, as necessary, and has been read

- _____ **1.1.1** If EAS has not been activated, activate Local EAS, as necessary, and read message (Attachment 6.1)
- _____ **1.1.2** Request activate State EAS, if necessary and as possible

_____ **1.2** FAX EAS evacuation message to the CHP, CAL FIRE ECC, and Santa Barbara County OES

_____ **1.3** Confirm notifications have been made as listed in the Dam Failure tab of the BAG

_____ **1.4** Confirm Phone Assistance Center is being activated; refer to NPP Plan Social Services SOP for additional information

_____ **1.5** Confirm following agency representatives are enroute to the EOC (if not or unconfirmed, request responses of a representative from the agency to the EOC):

- _____ **1.5.1** County Public Works
- _____ **1.5.2** Sheriff's Department
- _____ **1.5.3** CHP
- _____ **1.5.4** County Fire
- _____ **1.5.5** County PIO staff
- _____ **1.5.6** County Liaison staff
- _____ **1.5.7** Documentation staff

_____ **1.6** Notify the following agencies and request a representative respond to the EOC:

- _____ **1.6.1** EMSA
- _____ **1.6.2** County Office of Education
- _____ **1.6.3** County Health Officer
- _____ **1.6.4** County Environmental Health
- _____ **1.6.5** County Communications; request Communications to notify and activate ARES/RACES at the EOC
- _____ **1.6.6** American Red Cross

_____ **1.6.7** Social Services for Shelter and Welfare
_____ **1.6.8** Social Services for Phone Assistance Center
_____ **1.6.9** PG&E Division/Switchyard
_____ **1.6.10** Southern California Gas Company
_____ **1.6.11** AT&T

_____ **1.7** Notify and advise the following agencies of the situation:

_____ **1.7.1** ConocoPhillips (notify due to location of Guadalupe facility, at end of Thornberry)
_____ **1.7.2** Union Pacific Railroad
_____ **1.7.3** State OES
_____ **1.7.4** State Dept. of Water Resources

2.0 EOC Activation

_____ **2.1** Set up EOC as needed and confirm full activation and mobilization

_____ **2.2** Assume role of "liaison" until relieved by other liaison qualified staff

_____ **2.3** Refer to liaison or other SOPs for additional guidance

_____ **2.4** Develop additional EAS messages with more precise evacuation instructions and other information as needed (refer to Twitchell Dam inundation maps in the EOC)

ATTACHMENT 6.3 EMERGENCY SERVICES DIRECTOR - TWITCHELL DAM

Upon activation of the County EOC, the ESD should consult with the County Public Works director, Sheriff representative, County Fire representative, CHP representative, and County EOC PIO (Unified Command Group) to evaluate the situation and take appropriate actions. Guidelines include:

_____ **1.0** Receive briefing of situation

_____ **1.1** Make sure warning message and evacuation instructions are being issued to the public.

_____ **1.2** Monitor, coordinate and evaluate emergency operations.

_____ **1.3** Make sure that:

- _____ **1.3.1** PIO positions are activated
- _____ **1.3.2** Make sure PIO has staff for permanent staffing of EAS
- _____ **1.3.3** Liaison function is or will maintain communications links and coordination with critical utilities, supporting agencies and jurisdictions
- _____ **1.3.4** Phone Assistance Center is being staffed
- _____ **1.3.5** Shelter and Welfare Unit is activated and opening shelters

_____ **1.4** Discuss with PIO and ESCs the need to activate a media center

_____ **1.5** Consider declaring "Local Emergency" and consider request for "State of Emergency"

For additional guidance, refer to ESD SOP for Non-NPP events or other documents as suggested by ESCs

ATTACHMENT 6.4 LAW BRANCH - TWITCHELL DAM

The Law Branch will be staffed by the Sheriff's Department (Note: CHP is part of the EOC Unified Command Group as is the S.D.)
Note: evacuation boundaries are contained in eas message on page 103 or 104.

Upon orders to issue warning message/evacuation order, Law Branch guidelines include:

_____ **1.1** Receive briefing from the Watch Commander and/or OES staff

_____ **1.2** Work with WC and OES staff on problems needing immediate attention

_____ **1.3** Work with CHP and other EOC command staff on mutual evacuation issues, such as:

- _____ **1.3.1** Dissemination of warning message/evacuation order throughout the evacuation area (see Attachment 6.1) via vehicle and aircraft P.A. systems
- _____ **1.3.2** Emergency evacuation of stranded persons
- _____ **1.3.3** Establishment of Traffic Control Points
- _____ **1.3.4** Security for evacuated area

_____ **1.4** Oversee Interagency Coordination (IAC), including mutual aid needs, for law enforcement resources

_____ **1.5** Establish a position to track IAC needs

_____ **1.6** Consider establishing a position to coordinate air resources (Aerosquadron, CHP rotary and fixed, CAL FIRE, and other resources; an air operations branch director may be available through CAL FIRE)

_____ **1.7** Assist Fire Branch in search and rescue as needed.

_____ **1.8** Consider mutual aid as to assist with resource needs

_____ **1.9** Keep liaison position informed of your resource requests (in order to anticipate resource needs such as fuel trucks, feeding, and related support)

_____ **1.10** Make sure Sheriff's PIO is working with the EOC PIO

_____ **1.11** Direct Animal Services to provide animal services as necessary for citizens going to shelters and for related animal care needs

_____ **1.12** Consider needs for additional resources such as Sheriff's Department Dive Team, Sheriff's Search and Rescue, and/or CAL FIRE/County Fire response for swift water rescue

ATTACHMENT 6.5 FIRE BRANCH - TWITCHELL DAM

Staffed by CAL FIRE/County Fire

Prior to and after arrival at the EOC, CAL FIRE/County Fire guidelines include:

_____ **1.1** Assist law enforcement/Law Branch in issuing warning message/evacuation order to areas as requested by the Sheriff's Department and/or Law Branch

_____ **1.2** Advise the following fire agencies of the situation:

- _____ **1.2.1** Santa Maria Fire
- _____ **1.2.2** Guadalupe Fire
- _____ **1.2.3** Santa Barbara County Fire

_____ **1.3** Utilize NPP "Transportation Assistance Request" list for evacuation of that population

_____ **1.4** Participate in ongoing EOC Unified Command Group briefings and decisions

_____ **1.5** Make sure CAL FIRE/County Fire PIOs are coordinating information with EOC PIO

_____ **1.6** Perform Interagency Coordination duties, including usual mutual aid requests and tracking needs

_____ **1.7** Coordinate Search and Rescue (in conjunction with law enforcement)

ATTACHMENT 6.6 PUBLIC WORKS BRANCH - TWITCHELL DAM

Public Works Branch guidelines include:

_____ **1.1** Staff the EOC command group

_____ **1.2** Provide updates on the condition of the dam to the EOC or Watch Commander prior to EOC activation

_____ **1.3** Make sure Public Works staff working with the media coordinates with the EOC PIO

_____ **1.4** Ensure coordination of transportation needs for carless population (using NPP SOP); this task my be turned over to another responsible agency as available and possible

_____ **1.5** Ensure coordination of transportation of medical patients not needing an ambulance with the Medical Branch (using NPP SOP); this task may be turned over to another responsible agency as available and possible

_____ **1.6** Coordinate road closures and related barricade/warning sign equipment distribution

_____ **1.7** Conduct damage assessment of dams, roads and water systems.

_____ **1.8** Provide damage assessment/situation status to the EOC command group and liaison

_____ **1.9** Advise ESD when conditions are safe for public reentry

ATTACHMENT 6.7 MEDICAL BRANCH CHECKLIST - TWITCHELL DAM

The Medical Branch will be staffed by the San Luis Obispo County Emergency Medical Services Agency or alternate.

Medical Branch guidelines include:

_____ **1.1** Check in with CHO or Emergency Services Coordinator and obtain a briefing

_____ **1.2** Advise Med-Com of presence face to face and explain position in the EOC

_____ **1.3** Assign staff to assist Med-Com and coordinate medical communications

_____ **1.4** Establish contact with acute care hospitals in the County and explain situation

_____ **1.5** Contact private medical care facilities as listed in the CHO NPP SOP for evacuation coordination if needed

_____ **1.6** Establish contact with ambulance providers and explain situation

_____ **1.7** Request staffing of off duty ambulance and other medic units as needed

_____ **1.8** Consider activation of RDMHC System or other mutual aid

_____ **1.9** Use ambulance move up procedures to ensure coverage of the county

_____ **1.10** Coordinate transportation needs for other medically dependent persons.

_____ **1.11** Under direction of CHO, coordinate transportation of patients not needing an ambulance with County Public Works or other agency coordinating transportation resources

_____ **1.12** Coordinate distribution of patients to surrounding hospitals

_____ **1.13** Prepare information concerning emergency medical services for CHO, distribute to ESD and PIO

ATTACHMENT 6.8 PUBLIC HEALTH BRANCH - TWITCHELL DAM

The Public Health Branch will be filled by the County Health Officer or his/her authorized alternate

Public Health guidelines include:

_____ **1.1** Participating as part of the EOC command staff for overall coordination

_____ **1.2** Confirming that Medical Branch checklist duties are being fulfilled

_____ **1.3** Provide public health nursing assistance with shelter staffing, evacuation teams, and phone inquiries as necessary

_____ **1.4** Ensuring Medical Unit is coordinating response efforts for special needs facilities in the affected area (Refer to Nuclear Power Plant Emergency Response Plan Standard Operating Procedure [III.05] for County Health Agency for a current listing of special needs facilities)

_____ **1.5** Ensure behavioral health/mental health services are being provided, as necessary

_____ **1.6** Provide for sampling and testing to ensure adequate safe drinking water, control of sewage and septic, and assistance with related environmental problems as needed

ATTACHMENT 6.9 SHELTER AND WELFARE UNIT - TWITCHELL DAM

Upon notification by County OES or related emergency organization staff, the Shelter and Welfare Unit - Social Services guidelines include:

_____ **1.1** Activate the Phone Assistance Center, if necessary

_____ **1.2** Using guidance from the generic EOC Shelter and Welfare SOP or NPP SOP, coordinate with ARC in determining locations, activating and managing one or more evacuation relocation shelters, if necessary (coordinate with Santa Barbara County resources, as needed)

_____ **1.3** Coordinate with EOC command group

_____ **1.4** Ensure shelter locations have been broadcast in follow up EAS messages and/or news releases, as necessary

_____ **1.5** Ensure liaison with American Red Cross is established, including requesting a representative at the EOC if necessary

ATTACHMENT 7 - WHALE ROCK DAM CHECKLISTS

Whale Rock Dam is located approximately one mile east of Cayucos.

SHERIFF'S WATCH COMMANDER

If there is the possibility of imminent dam failure, activate the Early Warning System (sirens) Group 25 and immediately follow with an EAS message (Attachment 7.1, following pages).

If imminent dam failure is possible, Watch Commander may immediately proceed with any necessary actions prior to contacting Emergency Services Coordinator or other OES staff.

SHERIFF'S WATCH COMMANDER INITIAL RESPONSE GUIDELINES

1. Upon Receipt of Initial Notification of a Problem:

_____ **1.1** If the reporting party is reliable, note RP information and reported condition of dam below, then skip to item 2, Plan Activation. If you need to verify the report, then note RP information and reported condition of the dam, and go to item 1.2:

Time:_____ RP:_____

Report on Conditions:

_____ **1.2** If the reported problem needs verification, condition of the dam should be obtained by any of the following methods:

_____ **1.2.1** Contact city of San Luis Obispo via ringdown or [redacted]

_____ **1.2.2** Dispatch a Sheriff's patrol unit, or other public agency near the dam in question via appropriate mode of transportation (with communication) to survey the dam area, including the possible use of CHP ground or air resources or the Sheriff's Aero Squadron and/or other air resources (CAL FIRE, U.S. Forest Service) and/or:

2. Plan Activation

Upon receipt of notification by a reliable RP or upon confirmation of a problem with the dam, this plan will be considered activated. Watch Commander procedures to fully activate response include the following actions:

_____ **2.1** Obtain information on the nature of the incident using the form on the following page/below, as necessary.

_____ **2.2** **ACTUAL OR POTENTIAL DAM FAILURE REPORT FORM**

Date:_____ Time:_____

Notified by:_____ Contact info:_____

Agency:

Name of Dam:

Nature of Incident:_____ Dam Failure:_____ Potential/Possible Dam Failure

Additional Details:

Notes

Continue with checklist on following pages.

_____ **2.3** Contact the duty Emergency Services Coordinator (ESC) and advise of the situation.

_____ **2.4** Have dispatchers contact and alert via appropriate ringdown phone:

_____ **2.4.1** CHP and request:

_____ **2.4.1.1** CHP units to close Highway 1 southbound at Cayucos Drive (advise CHP water will likely flow across the highway between Old Creek and the area north of 13th Street) and northbound at Old Creek

_____ **2.4.1.2** Advise CHP additional closures need to made on:

____ Pacific at North 3rd Street;
____ South Ocean at 3rd Street
____ Park Ave at Bakersfield/Park Avenue
____ Studio Drive North at Old Creek Rd and Highway

_____ **2.4.2** CAL FIRE/COUNTY FIRE and advise and request:

_____ **2.4.2.1** Immediate notification of Cayucos Fire, including advising the water will likely flow across the highway and into areas between Old Creek Road and 3rd Street

_____ **2.4.2.2** That the Emergency Alert System (EAS) system and the EWS siren system in the Cayucos area is being activated for the public and information will be broadcast to local AM, FM, and TV stations

_____ **2.4.3** Morro Bay PD and request

_____ **2.4.3.1** AOA to close Highway 1 northbound at Old Creek Road, and advise the water will likely flow across the highway and into areas between Old Creek Road and an area north of 13th Street

_____ **2.4.3.2** That the Emergency Alert System (EAS) system and the EWS siren system in the Cayucos area is being activated

_____ **2.5** If dam failure is occurring or is imminent, proceed to step 2.7

_____ **2.6** If dam failure is possible, re-contact a responsible and get an updated condition on the dam. Specifically, if there is a threat that failure may be imminent.

Sheriff's Watch Commander Initial Response Guidelines, Whale Rock, continued

NOTE FOR 2.7: DO NOT ACTIVATE EWS SIRENS UNTIL YOU ARE READY TO FOLLOW UP WITH THE EAS MESSAGE

_____ **2.7** Activate EAS and issue warning message/evacuation order (Attachment 7.1, following page(s)) AND THEN:

_____ **2.8** Using Siren Activation Procedures, activate the Early Warning System sirens Group 25

_____ **2.9** Confirm all sirens sounded; for sirens that did not activate, use route alerting procedures located in the Siren Activation Procedures document.

_____ **2.10** Advise Sheriff or alternate and request presence at EOC.

_____ **2.11** Request CHP helicopter (24 hours) and/or fixed wing and/or other air resources (CAL FIRE, U.S. Forest Service) for aerial reconnaissance and rescue/warning assistance

_____ **2.12** Alert Sheriff's Aero Squadron for aerial reconnaissance and rescue/warning assistance

_____ **2.13** Establish EOC access control procedures (EOC will be activated by OES)

_____ **2.14** Begin Law Branch actions (Attachment 7.4) until that position can be staffed in the EOC

ATTACHMENT 7.1 WARNING MESSAGE/EVACUATION ORDER - WHALE ROCK

This message is to be used in field and over EAS:

Attention, attention.... This is the County Sheriff's Department/County Office of Emergency Services with an emergency message for the general public in and around the community of Cayucos, below Whale Rock Dam. Notification has been received that there is a problem with Whale Rock Dam...the dam (choose one) > may fail OR is failing...failure of the dam would cause major flooding and risk to life in low lying areas below the dam.

All residents, businesses and visitors in the following area need to evacuate..

- All of 13th Street and all of Cabrillo Ave...repeating, all of 13th Street and all of Cabrillo Ave...people on Cabrillo Avenue north of 13th Street need to move NORTH to the north end of Cabrillo Avenue...repeating, people on Cabrillo Avenue need to move NORTH to the north end of Cabrillo Avenue....AND...

- All residents, businesses and visitors in the area north of Old Creek Road and south of 3rd Street and Park Ave also need to evacuate...repeating the area north of Old Creek Road and south of 3rd Street and Park Avenue also need to evacuate.

You should evacuate to the house of a relative or friend outside the evacuation boundaries. Evacuation routes include northbound or southbound on Highway 1 and northbound on Ocean Avenue. If you know of anyone who is disabled in the evacuation area, please assist by notifying that person of this emergency. If you can provide transportation for anyone without transportation, please do so. If you need transportation, call 781 4550. For those who do not have the house of a friend or relative to go to, or other location to go to, information on temporary shelters will be broadcast as soon as possible.

Please cooperate fully with public safety officials and keep tuned to your radio for further emergency broadcast messages.

FOR IMMEDIATE MESSAGE/ORDER

Attention! All those living in the south end of Cayucos below Whale Rock Dam move to high ground immediately. Whale Rock Dam is failing. Stay tuned to an AM or FM radio for additional information and instructions. (Repeat as necessary.)

ATTACHMENT 7.2 EMERGENCY SERVICES COORDINATOR INITIAL RESPONSE GUIDELINES - WHALE ROCK DAM

Upon notification by Watch Commander, the duty Emergency Services Coordinator will make notifications as needed.

1.0 Upon arrival at the EOC, ESC(s) guidelines include:

_____ **1.1** Confirm activation of EAS, if necessary, and transmission of evacuation message;

_____ **1.2** Confirm EWS using Whale Rock programmed sirens Group 25 have been activated, if necessary.

_____ **1.3** If 1.1 or 1.2 actions have not been completed:

- _____ **1.3.1** Activate Local EAS, if necessary, and read EAS message (Attachment 7.1)
- _____ **1.3.2** If EWS has not been activated, activate EWS Whale Rock sirens, if necessary (Group 25)

_____ **1.4** Confirm all sirens sounded. If all sirens did not sound:
Request Watch Commander implement route alerting procedures for failed siren area

_____ **1.5** In needed, request State EAS activated and read the appropriate EAS message

_____ **1.6** FAX EAS evacuation message to CHP, CAL FIRE ECC, Cayucos Fire/CSD and city of Morro Bay

_____ **1.7** Confirm notifications have been made as listed in the Dam Failure tab of the BAG

_____ **1.8** Confirm Phone Assistance Center is being activated; refer to NPP Plan Social Services SOP for additional information

_____ **1.9** Confirm following agency representatives are enroute to the EOC (if not or unconfirmed, request response of a representative from the agency to the EOC):

- _____ **1.9.1** County Public Works
- _____ **1.9.2** Sheriff's Department
- _____ **1.9.3** CHP
- _____ **1.9.4** Cayucos Fire (if available)
- _____ **1.9.5** County Fire
- _____ **1.9.6** City of San Luis Obispo

_____ **1.10** Notify the following agencies and request a representative respond to the EOC:

_____ **1.10.1** EMSA
_____ **1.10.2** County Health Officer
_____ **1.10.3** County Environmental Health
_____ **1.10.4** County Communications; request Communications to notify and activate ARES/RACES at the EOC
_____ **1.10.5** American Red Cross
_____ **1.10.6** Social Services for Shelter and Welfare
_____ **1.10.7** Social Services for Phone Assistance Center

_____ **1.11** Notify and advise the following agencies of the situation:

_____ **1.11.1** State OES
_____ **1.11.2** State Dept. of Water Resources
_____ **1.11.3** State DFG
_____ **1.11.4** U.S. Coast Guard

2.0 EOC Activation

_____ **2.1** Set Up EOC as needed and confirm full activation and mobilization

_____ **2.2** Assume role of "liaison" until relieved by other liaison staff

_____ **2.3** Work with ESD to assign a field liaison/PIO to a field ICP or related location

_____ **2.4** Refer to liaison or other SOPs for additional guidance

ATTACHMENT 7.3 EMERGENCY SERVICES DIRECTOR - WHALE ROCK DAM

Upon activation of the County EOC, the (ESD) should consult with the County Public Works Director, S.O. representative, County Fire representative, CHP representative, City of SLO representative, and County EOC PIO (Unified Command Group) to evaluate the situation and take appropriate actions. Guidelines include:

_____ **1.0** Receive briefing of situation

_____ **1.1** Make sure warning message and evacuation instructions are being issued to the public

_____ **1.2** Monitor, coordinate and evaluate emergency operations

_____ **1.3** Make sure that:

- _____ **1.3.1** PIO positions are activated
- _____ **1.3.2** Make sure PIO has staff for permanent staffing of EAS
- _____ **1.3.3** Liaison function is or will maintain communications links and coordination with critical utilities, supporting agencies and jurisdictions
- _____ **1.3.4** Phone Assistance Center is being staffed
- _____ **1.3.5** Shelter and Welfare Unit is activated and opening shelters

_____ **1.4** Work with ESCs to assign an EOC field liaison/PIO to the field ICP or related location

_____ **1.5** Discuss with PIO and ESCs the need to activate a media center

_____ **1.6** Consider declaring "Local Emergency" and consider request for "State of Emergency"

For additional guidance, refer to Non-NPP SOP or other relevant documents

ATTACHMENT 7.4 LAW BRANCH - WHALE ROCK DAM

The Law Branch will be staffed by the Sheriff's Department (Note: CHP is part of the EOC Unified Command Group as is the S.D.)

Upon orders to issue warning message/evacuation order, Law Branch guidelines include:

_____ **1.1** Receive briefing from the Watch Commander and OES staff

_____ **1.2** Work with WC and OES staff on problems needing immediate attention

_____ **1.3** Work with CHP and other EOC command staff on mutual evacuation issues, such as:

- _____ **1.3.1** Emergency evacuation of stranded persons
- _____ **1.3.2** Establishment of Traffic Control Points
- _____ **1.3.3** Security for evacuated area

_____ **1.4** Oversee Interagency Coordination (IAC), including mutual aid needs, for law enforcement resources

_____ **1.5** Establish a position to track IAC needs

_____ **1.6** Consider establishing a position to coordinate air resources (Aerosquadron, CHP rotary and fixed, CAL FIRE, and other resources; an air operations branch director may be available through CAL FIRE)

_____ **1.7** Assist Fire Branch in search and rescue as needed.

_____ **1.8** Consider mutual aid as to assist with resource needs

_____ **1.9** Keep liaison position informed of your resource requests (in order to anticipate resource needs such as fuel trucks, feeding, and related support items)

_____ **1.10** Make sure Sheriff's Department PIO is working with the EOC PIO

_____ **1.11** Direct Animal Services to provide animal services as necessary for citizens going to shelters and for related animal care needs

_____ **1.12** Consider needs for additional resources such as Sheriff's Department Dive Team, Sheriff's Search and Rescue, and/or CAL FIRE/County Fire response for swift water rescue

ATTACHMENT 7.5 FIRE BRANCH - WHALE ROCK

Staffed by CAL FIRE/County Fire and Cayucos Fire (if available for staffing County EOC)

Prior to and after arrival at the EOC, Fire Branch guidelines include:

_____ **1.1** Assist law enforcement/Law Branch in issuing warning message/evacuation order to areas as requested by Sheriff's Department and/or Law Branch

_____ **1.2** Utilize "Transportation Assistance Request" list for evacuation of that population remind/advise Cayucos Fire to do the same.

_____ **1.3** Participate in ongoing EOC Unified Command Group briefings and decisions

_____ **1.4** Make sure fire agency PIOs are coordinating information with EOC PIO

_____ **1.5** Act as EOC liaison for Cayucos Fire if Cayucos cannot provide an EOC liaison

_____ **1.6** Perform Interagency Coordination duties, including usual mutual aid requests and tracking needs

_____ **1.7** Coordinate Search and Rescue (in conjunction with law enforcement)

ATTACHMENT 7.6 PUBLIC WORKS BRANCH - WHALE ROCK DAM

Public Works Branch guidelines include:

_____ **1.1** Staff the EOC command group

_____ **1.2** Coordinate with the city of San Luis Obispo to determine condition of the dam

_____ **1.3** Close County Roads as necessary and/or requested

_____ **1.4** Provide updates on the condition of the dam to the EOC or Watch Commander prior to EOC activation

_____ **1.5** Make sure Public Works staff working with the media coordinates with the EOC PIO

_____ **1.6** Ensure coordination of transportation needs for carless population (using NPP SOP); this task my be turned over to another responsible agency as available and possible

_____ **1.7** Ensure coordination of transportation of medical patients not needing an ambulance with the Medical Branch (using NPP SOP); this task may be turned over to another responsible agency as available and possible

_____ **1.8** Coordinate road closures and related barricade/warning sign equipment distribution

_____ **1.9** Coordinate with the city of San Luis Obispo to conduct safety and damage assessment of dams, roads and water systems.

_____ **1.10** Provide damage assessment/situation status to the EOC command group and liaison

_____ **1.11** Advise ESD when condition are safe for public reentry

ATTENTION 7.7 MEDICAL BRANCH CHECKLIST - WHALE ROCK DAM

The Medical Branch will be staffed by the San Luis Obispo County Emergency Medical Services Agency or alternate.

Medical Branch guidelines include:

_____ **1.1** Check in with CHO or Emergency Services Coordinator and obtain a briefing

_____ **1.2** Advise Med-Com of presence face to face and explain position role in the EOC

_____ **1.3** Assign staff to assist Med-Com and coordinate medical communications

_____ **1.4** Contact private medical care facilities as listed in the CHO NPP SOP for evacuation coordination, if needed

_____ **1.5** Establish contact with ambulance providers and explain situation

_____ **1.6** Request staffing of off duty ambulance and other medic units as needed

_____ **1.7** Consider activation of RDMHC System or other mutual aid

_____ **1.8** Use ambulance move up procedures to ensure coverage of the county

_____ **1.9** Coordinate transportation needs for other medically dependent persons

_____ **1.10** Under direction of CHO, coordinate transportation of those patients not needing an ambulance with County Public Works or other agency coordinating transportation resources

_____ **1.11** Coordinate distribution of patients to surrounding hospitals

_____ **1.12** Prepare information concerning emergency medical services for CHO, distribute to ESD and PIO

ATTACHMENT 7. 8 PUBLIC HEALTH BRANCH - WHALE ROCK DAM

The Public Health Branch will be filled by the County Health Officer or his/her authorized alternate

Public Health guidelines include:

_____ **1.1** Participating as part of the EOC command staff for overall coordination

_____ **1.2** Confirming that Medical Branch checklist duties are being fulfilled

_____ **1.3** Provide public health nursing assistance with shelter staffing, evacuation teams, and phone inquiries as necessary

_____ **1.4** Ensuring Medical Unit is coordinating response efforts for special needs facilities in the affected area (Refer to Nuclear Power Plant Emergency Response Plan Standard Operating Procedure [III.05] for County Health Agency for a current listing of special needs facilities)

_____ **1.5** Ensure behavioral health/mental health services are being provided, as necessary

_____ **1.6** Provide for sampling and testing to ensure adequate safe drinking water, control of sewage and septic, and assistance with related environmental problems, as needed

ATTACHMENT 7.9 SHELTER AND WELFARE UNIT - WHALE ROCK DAM

Upon notification by County OES or related emergency organization staff, the Shelter and Welfare Unit - Social Services guidelines include:

_____ **1.1** Activate the Phone Assistance Center

_____ **1.2** Using guidance from the generic EOC Shelter and Welfare SOP or NPP SOP, coordinate with ARC in determining locations, activating and managing one or more evacuation relocation shelters

_____ **1.3** Coordinate with EOC command group

_____ **1.4** Ensure shelter locations have been broadcast in follow up EAS messages and/or news releases

_____ **1.5** Ensure liaison with American Red Cross is established, including requesting a representative at the EOC if necessary

ATTACHMENT 8 - NACIMIENTO DAM CHECKLISTS

Note: Primary response to a failure or related problem with Nacimiento Dam is a Monterey county responsibility. Salinas communications should notify you of a failure related problem however due to the dam actually being located within our county there are issues we should address, including the fact that an initial report of a problem by a non-Monterey county official would probably come in to SLO Sheriff's Department. As a result, these checklists provide basic guidance on initial response actions to a failure or related problem with Nacimiento Dam. A copy of Monterey County's Emergency Action Plan is included in the dam failure section (section 2) of the Watch Commander's Basic Activation Guide for Emergency Services Non-Diablo Canyon Incidents.

SHERIFF'S WATCH COMMANDER INITIAL RESPONSE GUIDELINES

1. Upon Receipt of Initial Notification of a Problem:

_____ **1.1** If the reporting party is reliable, note RP information and reported condition of dam below, then skip to item 2, Plan Activation. If you need to verify the report, then note RP information and reported condition of the dam, and go to item 1.2:

Time_____ RP:_____

Report on Conditions:

_____ **1.2** If the reported problem needs verification, condition of the dam should be obtained by any of the following methods:

_____ **1.2.1** Contact Monterey County via Salinas Communications Center at [redacted] or Water Resource at [redacted] and, if necessary, the Reservoir Operator at [redacted] or Reservoir Operator alternate at [redacted] (office) or [redacted]

_____ **1.2.2** Request CAL FIRE/County Fire or other public agency near the dam in question to survey the dam area (including the possible use of CHP ground or air resources or the Sheriff's Aero Squadron and/or other air resources [CAL FIRE, U.S. Forest Service])

2. Plan Activation

Upon receipt of notification by a reliable RP or upon confirmation of a problem with the dam, this plan will be considered activated. Watch Commander procedures to fully activate response include the following actions:

_____ **2.1** Obtain information on the nature of the incident using the form on the following page, as necessary.

_____ **2.2** ACTUAL OR POTENTIAL DAM FAILURE REPORT FORM

Date:_____ Time:_____

Notified by:_____ Contact info:_____

Agency:

Name of Dam:

Nature of Incident:_____ Dam Failure:_____ Potential/Possible Dam Failure

Additional Details:

Notes

Continue with checklist on following pages.

Sheriff's Watch Commander Initial Response Guidelines, Nacimiento, continued

_____ **2.3** Contact the duty Emergency Services Coordinator (ESC) and advise of the situation.

_____ **2.4** Have dispatchers contact and alert via appropriate ringdown phone:

_____ **2.4.1** CHP and request, if necessary CHP units to close Nacimiento Drive at the entrance to the commercial campground north of the dam, and, if possible, at Nacimiento Drive and Interlake Road

_____ **2.4.2** CAL FIRE/COUNTY FIRE and advise and request:

____ **2.4.2.1** Immediate inspection of dam, as needed

____ **2.4.2.2** Closure of Nacimiento Drive at the entrance to the commercial campground north of the dam and closure of Nacimiento Drive at Interlake Road until they can be relived by CHP or County Roads

____ **2.4.2.3** Notification of San Miguel Fire

_____ **2.5** If dam failure is occurring or is imminent, proceed to step 2.7

_____ **2.6** If dam failure is possible or potential, re-contact a responsible and get an updated condition on the dam. Specifically, if there is a threat that failure may be imminent.

_____ **2.7** Activate EAS and issue warning message/evacuation order (Attachment 8.1, following page(s)

_____ **2.8** Advise Sheriff or alternate and request presence at EOC

_____ **2.9** Request CHP helicopter (24 hours) and/or fixed wing and/or other air resources (CAL FIRE, U.S. Forest Service) for aerial reconnaissance and rescue/warning assistance

_____ **2.10** Alert Sheriff's Aero Squadron for aerial reconnaissance and rescue/warning assistance

_____ **2.11** Establish EOC access control procedures

_____ **2.12** Consider bringing in additional Sheriff's Department staff to assist both in the field and Control 20 or WC, as needed

_____ **2.13** Continue to coordinate with Salinas Communications Center as needed, including providing resources as available and as requested by Monterey County

ATTACHMENT 8.1 WARNING MESSAGE - NACIMIENTO DAM - Initial General Message

This message is to be used in field and over EAS:

Attention, attention.... This is the San Luis Obispo County Sheriff's Department/County Office of Emergency Services with an emergency message for the general public in and around Nacimiento Dam. Notification has been received that there is a problem with Nacimiento Dam...*the dam may fail OR is failing.*

If you are driving on Nacimiento Lake Road...DO NOT...drive near or on the dam...repeating...stay away from Nacimiento Dam.

If you are on the water at Lake Nacimiento...stay as far away from the dam as possible and take your boat ashore or dock immediately...repeating if you are on the water at Lake Nacimiento take your boat ashore or dock immediately.

For people in and near the community of San Miguel, stay indoors or leave the community of San Miguel immediately - it is possible flood waters of a low level could reach and flood the community of San Miguel.

Additional information will be broadcast as it is made available. Tune in your AM or FM radios for additional information. End of message.

(Repeat message as necessary)

ATTACHMENT 8.2 EMERGENCY SERVICES COORDINATOR INITIAL RESPONSE GUIDELINES - NACIMIENTO DAM

Upon notification by Watch Commander, the duty Emergency Services Coordinator will make notifications to other OES staff and, if needed, respond to the EOC.

1.0 Upon arrival at the EOC, ESC(s) guidelines include:

_____ **1.1** Confirm activation of EAS, if necessary, and transmission of notification message, if needed

_____ **1.2** If action 1.1 has not been completed and needs to be:
Activated Local EAS and read EAS message (Attachment 8.1)

_____ **1.3** Establish a liaison contact with/for Monterey County OES

_____ **1.4** FAX EAS notification message to CHP, CAL FIRE ECC, and Salinas Communications Center/Monterey County OES

_____ **1.5** Make additional notifications as deemed necessary, keeping in mind the dam is a Monterey County facility

_____ **1.6** Obtain a public information telephone number for the media and the public from Monterey County

_____ **1.7** Consider staffing information and rumor lines in the PIO room at the EOC to provide San Luis Obispo County related information

_____ **1.8** Continue liaison and Interagency Coordination with Monterey County OES including providing resources as requested and available

_____ **1.9** Keep ESD and related persons updated

2.0 EOC Activation

_____ **2.1** Set Up EOC as needed for partial activation

_____ **2.1.1** Assume role of "liaison" until relieved by other liaison staff

_____ **2.1.2** Work with ESD to assign a field liaison/PIO to a field ICP or related location

_____ **2.1.3** Refer to liaison or other SOPs for additional guidance

ATTACHMENT 9 - BASIC GUIDANCE FOR DAM FAILURES NOT SPECIFICALLY COVERED BY THIS PLAN

Note: the reason specific dams are covered in this plan is due to the fact that it is known there are hazards to people and/or human improvements in the inundation path below each dam. However, there may be a problem with a small private dam within the county not covered by this plan that may warrant response by public safety officials although such dams may not pose a life or property hazard. Basic guidance is provided in this section for such incidents.

SHERIFF'S WATCH COMMANDER INITIAL RESPONSE GUIDELINES - GENERIC

1. Upon Receipt of Initial Notification of a Problem:

_____ **1.1** If the reporting party is reliable, note RP information and reported condition of dam below, then skip to item 2, Plan Activation. If you need to verify the report, then note RP information and reported condition of the dam, and go to item 1.2:

Time:_____ RP:_____

Report on Conditions:

_____ **1.2** If the reported problem needs verification, condition of the dam should be obtained by the following methods or another method available to the Watch Commander:

_____ **1.2.1** Request the closest public agency near the area in question to survey the dam area (including the possible use of CHP ground or air resources or the Sheriff's Aero Squadron and/or other air resources [CAL FIRE, U.S. Forest Service)]) and provide a report on conditions

_____ **1.2.2** Dispatch a Sheriff's Department patrol unit to provide a report on conditions

2. Plan Activation

Upon receipt of notification by a reliable RP or upon confirmation of a problem with a dam not specifically covered by this plan, Watch Commander procedures include the following actions:

_____ **2.1** Obtain information on the nature of the incident using the form on the following page, as necessary.

_____ **2.2** ACTUAL OR POTENTIAL DAM FAILURE REPORT FORM

Date:_____ Time:_____

Notified by:_____ Contact info:_____

Agency:

Name of Dam:

Nature of Incident:_____ Dam Failure:_____ Potential/Possible Dam Failure

Additional Details:

Notes

Continue with checklist on following pages.

_____ **2.3** Contact the duty Emergency Services Coordinator (ESC) and advise of the situation.

_____ **2.4** Request the closest public agency near the dam in question to survey the dam area (including the possible use of CHP ground or air resources or the Sheriff's Aero Squadron and/or other air resources [CAL FIRE, U.S. Forest Service]) and provide a report on conditions

_____ **2.4.1** Dispatch a Sheriff's Department unit to provide a report on conditions and act as a liaison

_____ **2.5** In addition to a general report on conditions, instruct resources at scene to survey the area below and downstream from the dam to determine what effect a failure will have on the area

_____ **2.6** Take actions as needed based on initial report on conditions from field units or a reliable RP. Such actions may include, as needed:

_____ **2.6.1** Evacuating people and/or livestock that could be affected by failure of the dam

_____ **2.6.2** Closure of roads in the affected area

_____ **2.7** Have dispatchers contact and alert via appropriate ringdown phone other jurisdictions or agencies that may have a response role or be able to assist. Such agencies may include:

_____ **2.7.1** CAL FIRE/County Fire or other fire agency of jurisdiction

_____ **2.7.2** CHP

_____ **2.7.3** County Public Works

_____ **2.8** Use your discretion on proceeding with other actions as needed and you judge appropriate

ATTACHMENT 9.1 EMERGENCY SERVICES COORDINATOR INITIAL RESPONSE GUIDELINES - GENERIC

Upon notification by Watch Commander, the duty Emergency Services Coordinator will make notifications as needed.

1.0 Upon arrival at the EOC, ESC(s) will:

_____ **1.1** Receive an update/briefing from the Watch Commander

_____ **1.2** Confirm WC has resources at scene or enroute

_____ **1.3** Coordinate actions with WC and use WC checklist for guidance on additional guidance

_____ **1.4** Make notifications as deemed appropriate, including to any entities that could be affected by failure of the dam.
Also consider:
_____ **1.4.1** Notifying State OES

_____ **1.5** Determine if evacuation of the area downstream would require additional support, such as:
_____ **1.5.1** Resources to move and/or shelter animals, including livestock
_____ **1.5.2** Public information needs
_____ **1.5.3** Special resources such as four wheel drive vehicles

_____ **1.6** Continue coordination with WC and other agencies as needed

_____ **1.7** Take additional actions as you deem necessary

ATTACHMENT 10 - GUIDANCE FOR ARROYO GRANDE CREEK LEVEE FAILURE

The following pages of this plan contain attachments which provide initial and general response guidelines for specific response by first responder agencies along Arroyo Grande Creek.

As an overall emergency management and coordination document, this plan - including the guidelines in the attachments - generally does not address specific field response actions by public safety, public works, and related agencies. Agencies responsible for specific field response actions and other duties should develop and/or maintain response plans and/or procedures specific to their roles. Such plans and/or procedures should be consistent with this document and NIMS and SEMS.

The following attachments provide guidelines for initial emergency management response activities, as well as general guidance for positions which may be staffed in the Emergency Operations Center or a related facility such as a Department Operations Center.

ATTACHMENT 10 - ARROYO GRANDE CREEK CHECKLISTS

If imminent levee failure is possible, Watch Commander may immediately proceed with any necessary actions prior to contacting Emergency Services Coordinator or other OES staff.

The Arroyo Grande Creek levee is located in the South County, starting approximately at its confluence with Los Berros Creek, just upstream of Highway 1 and running west for 3 miles to the Pacific Ocean.

SHERIFF'S WATCH COMMANDER INITIAL RESPONSE GUIDELINES

1. Upon Receipt of Initial Notification of a Problem:

___ 1.1 **If the reporting party is reliable, skip to item 2, Plan Activation.** If you need to verify the report, then note initial RP information and reported condition of the levee, and go to item 1.2:

Time: RP: Report on Conditions:

___ 1.2 If the reported problem needs verification, condition of the levee should be obtained by any of the following methods:

___ 1.2.1 Contact Lopez Dam tender or alternate at [redacted] or on the Public Works radio frequency (black net); if no response:

___ 1.2.2 Contact County Public Works at [redacted] or after hours contact and/or (go to 1.2.3):

___ 1.2.3 Dispatch a Sheriff's patrol unit, or other public agency resource near the levee in question via appropriate mode of transportation (with communication) to survey the levee area, including the possible use of CHP ground or air resources or the Sheriff's Aero Squadron and/or other air resources (Cal Fire, U.S. Forest Service) and/or (go to 2):

continues next page

2. Plan Activation

Upon receipt of notification by a reliable RP or upon confirmation of a problem with the levee, this plan will be considered activated. Watch Commander procedures to fully activate response include the following actions:

2.1 Obtain information on the nature of the incident using the following page

2.2 ACTUAL OR POTENTIAL LEVEE FAILURE REPORT FORM

Date: _____ Time:

Notified by: _____ Contact info:

Agency:

Name of Levee:

Nature of Incident: ___ Levee Failure ___ Potential or Possible Levee Failure

Additional Details:

_____

Notes:

Continue with checklist on following pages.

Sheriff's Watch Commander Initial Response Guidelines, Arroyo Grande Creek Levee, continued

___ 2.3 Contact the duty Emergency Services Coordinator (ESC) and advise of the situation.

___ 2.4 Have dispatchers contact and alert via appropriate ringdown phone or other communications method the following agencies of the situation, using information received, and also advise them if you will be activating EAS and ordering evacuations at this time:

___ Arroyo Grande P.D. ___ CHP
___ Grover Beach P.D. ___ Cal/County Fire
___ Pismo Beach P.D. ___ DPR

___ 2.5 If levee failure is occurring or is imminent, proceed to step 2.7.

___ 2.6 If levee failure is possible or potential, re-contact a responsible and get an updated condition on the levee. Specifically, if there is a threat that failure may be imminent.

If failure may be imminent, continue with 2.7.

NOTE FOR 2.7: DO NOT ACTIVATE EWS SIRENS UNTIL YOU ARE READY TO FOLLOW UP WITH THE EAS MESSAGE

___ 2.7 Activate EAS and issue warning message/evacuation order (see Attachments 1.1- 1.6, following pages); start with message #1, then reactive with others as soon as possible - see item # 2.10) AND THEN:

___ 2.8 Using Siren Activation Procedures, activate the Early Warning System (sirens) for Arroyo Grande Creek area, which are a total of nine (9) sirens;

these are siren numbers 0608 ... 1001 ... 1002 ... 1004 ... 1006 ... 1008 ... 1204 ... 1210 ... and 1218

___ 2.9 Confirm all sirens sounded; for sirens that did not activate, use route alerting procedures located in the Siren Activation Procedures document

continues next page

Sheriff's Watch Commander Initial Response Guidelines, Arroyo Grande Creek Levee, continued

___ 2.10 As soon as possible, assign someone who can continue to activate EAS; beginning with message #1, repeatedly activate and read all Arroyo Grande Creek Levee EAS messages. Continue reactivating and repeating all messages in order; this is necessary due to the two minute EAS time limit

___2.11 Advise Sheriff command group and request presence at EOC as appropriate

___ 2.12 Request CHP shutdown of Highway 1 in Oceano

___ 2.13 Request CHP helicopter and/or fixed wing, and/or other air resources (Cal Fire, U.S. Forest Service) for aerial reconnaissance and rescue/warning assistance

___ 2.14 Alert Sheriff's Aero Squadron for aerial reconnaissance and rescue/warning assistance

___ 2.15 Establish EOC access control procedures (EOC will be activated by OES)

___ 2.16 Request on duty dispatchers call in additional dispatch and patrol staff as needed

___ 2.17 Begin Law Branch actions (see Attachment 1.9) until that position can be staffed in the EOC

ATTACHMENT 1.1 - ARROYO GRANDE CREEK LEVEE EAS WARNING MESSAGE #1 of 1 EVACUATION

Message to be used over EAS:

"Attention, attention...this is an Emergency Alert System message for the general public

Near the Arroyo Grande Creek levee. The Arroyo Grande Creek Levee **(choose one) >** ***may fail*** or ***has failed***.

This could cause major flooding and risk to life in low lying areas adjacent to the levee.

The Sheriff's Department and County Emergency Services are advising residents and businesses in low lying areas along Arroyo Grande Creek levee, including the Oceano area, to evacuate immediately. Evacuate to high ground immediately.

PLEASE LISTEN CAREFULLY...

THE AREAS THAT NEED TO EVACUATE OR MOVE TO HIGHER GROUND NOW INCLUDE:

- ALL AREAS WEST OF SOUTH HALCYON ROAD ... AGAIN, ALL AREAS WEST OF SOUTH HALCYON ROAD .... AND SOUTH OF

  OCEAN STREET OR THE UNION PACIFIC RAILROAD THAT ARE WITHIN ONE-HALF (1/2) MILE OF ARROYO GRANDE CREEK

  LEVEE ; REPEATING, ALL AREAS WEST OF SOUTH HALCYON ROAD AND

  SOUTH OF OCEAN STREET OR WEST OF THE UNION PACIFIC RAILROAD THAT ARE WITHIN ONE-HALF (1/2) MILE OF ARROYO

  GRANDE CREEK LEVEE MUST MOVE AWAY FROM ARROYO GRANDE

  CREEK FOR AT LEAST ONE MILE...MOVE TO HIGH GROUND NOW.

ATTACHMENT 1.2

--- FOR IMMEDIATE MESSAGE/ORDER ---

Attention! All those living near or along the Arroyo Grande Creek Levee move to high ground immediately. The Arroyo Grande Creek Levee is failing. Follow directions of police officers and other public safety officials. Turn on your radio to a local station that is broadcasting emergency information and listen for additional information.

(Repeat as necessary)

-- FOR ROUTE ALERTING USE --

Attention! There is a problem with the Arroyo Grande Creek Levee and this area may be flooded. Evacuate this area now. Turn on your AM/FM radio for additional information and instructions...Repeating...There is a problem with Arroyo Grande Creek Levee and this area may be flooded. Evacuate this area now. Turn on your AM/FM radio for additional information and instructions.

ATTACHMENT 1.3 COUNTY EMERGENCY SERVICES COORDINATOR INITIAL RESPONSE GUIDELINES – A.G. CREEK LEVEE

Upon notification by Watch Commander, the **duty Emergency Services Coordinator** can make additional notifications as needed.

1.0 Upon arrival at the EOC, ESC(s) will consider the following actions as needed:

___ 1.1 Confirm EWS for Arroyo Grande Creek area have been activated, if necessary
- ___ If EWS has not been activated, may activate EWS for Arroyo Grande Creek area and may:
- ___ Activate EAS

___ 1.2 If EWS is used, confirm all sirens sounded. If all sirens did not sound:
- ___ Request Watch Commander implement route alerting procedures for failed siren area

___ 1.3 As soon as possible, assign someone who can continue to activate EAS; beginning with message #1, repeatedly activate and read all Arroyo Grande Creek EAS messages. Continue reactivating and repeating all messages in order; this is necessary due to the two minute EAS time limit.

___ 1.4 FAX EAS evacuation message to:

- Cities of Arroyo Grande, Grover Beach, Pismo Beach
- Oceano CSD;
- Cal Fire ECC; request ECC to resend to stations 20, 21, 22, 62, 63, 64

___ 1.5 Confirm notifications have been made as listed in the Dam Failure tab of the BAG

___ 1.6 Consider activation of the Phone Assistance Center; refer to NPP Plan Social Services SOP for additional information

___ 1.7 Confirm following agency representatives are enroute to the EOC (if not or unconfirmed, request a representative from the agency respond to the EOC):

- ___ County Public Works
- ___ Sheriff"s Department
- ___ CHP
- ___ County Fire
- ___ State Parks
- ___ County General Services

___ 1.8 Notify the following agencies and request a representative respond to the EOC:

- ___ EMSA

___ County Office of Education
___ County Health Officer
___ County Environmental Health
___ County Communications; request Communications to notify and activate ARES/RACES at the EOC
___ American Red Cross
___ Social Services for Shelter and Welfare
___ Social Services for Phone Assistance Center
___ PG&E Distribution Office
___ Southern California Gas Company
___ AT&T

1.9 Notify and advise the following agencies of the situation:

___ South County Sanitation District:
Jeff Appleton: [redacted]
Business hours (7:30 – 4:30): [redacted]
24 hour contact: [redacted]
___ State OES (Consider doing a RIMS report)
___ State Dept. of Water Resources
___ Union Pacific Railroad
___ U.S. Coast Guard

2.0 EOC Activation

___ Set Up EOC as needed and confirm full activation and mobilization

___ Assume role of "liaison" until relieved by other liaison staff

___ Refer to liaison or other SOPs for additional guidance

ATTACHMENT 1.4 EMERGENCY SERVICES DIRECTOR - ARROYO GRANDE CREEK LEVEE

Upon activation of the County EOC, the County ESD should consult with the County Public Works director, Sheriff's Department representative, County Fire representative, CHP representative, and County EOC PIO **(Unified Command Group)** to evaluate the situation and take appropriate actions. Guidelines include:

___ 1.0 Receive briefing of situation

___ 1.1 Make sure warning message and evacuation instructions are being issued to the public as necessary

___ 1.2 Monitor, coordinate and evaluate emergency operations

___ 1.3 Make sure that:

- ___ 1.3.1 PIO positions are activated as needed
- ___ 1.3.2 Make sure PIO has staff for permanent staffing of EAS
- ___ 1.3.3 Liaison function is or will maintain communications links and coordination with critical utilities, supporting agencies and jurisdictions
- ___ 1.3.4 Phone Assistance Center is being staffed as necessary
- ___ 1.3.5 Shelter and Welfare Unit is activated and opening shelters if needed

___ 1.4 Discuss with PIO and ESCs the need to activate a media center

___ 1.5 Consider proclaiming a "Local Emergency" and consider request for "State of Emergency"

For additional guidance, refer to Non-NPP SOP or other relevant documents.

ATTACHMENT 1.5 LAW BRANCH - ARROYO GRANDE CREEK LEVEE

The **Law Branch** will be staffed by the Sheriff's Department (Note: CHP is part of the EOC Unified Command Group as is the Sheriff's Department) and/or other law enforcement agency, as necessary.

In addition to initial Watch Commander procedures, **Law Branch** guidelines include:

___ 1.1 Receive briefing from the Watch Commander and OES staff

___ 1.2 Work with WC and OES and/or other agencies/staff on problems needing immediate attention, including evacuation and related logistics

___ 1.3 Work with CHP and other EOC command staff on mutual evacuation issues, such as:
- ___ Emergency evacuation of stranded persons
- ___ Establishment of Traffic Control Points
- ___ Security for evacuated area

___ 1.4 Request CHP to stop traffic on southbound South Halcyon Road at the Pike and southbound Highway 1 traffic at Grand Avenue and northbound Halycon traffic at Mesa View in order to close Highway 1 and Halycon in the Oceano area.

___ 1.5 Oversee Interagency Coordination (IAC), including mutual aid needs, for law enforcement resources

___ 1.6 Establish a position to track IAC needs

___ 1.7 Consider establishing a position to coordinate air resources (Aerosquadron, CHP rotary and fixed, Cal Fire and other resources; an air operations branch director may be available through Cal Fire)

___ 1.8 Assist Fire Branch in search and rescue as needed

___ 1.9 Consider mutual aid as to assist with resource needs

___ 1.10 Keep liaison position informed of your resource requests (in order to anticipate resource needs such as fuel trucks, feeding, and related support items)

___ 1.11 Make sure Sheriff's Department PIO is working with the EOC PIO

___ 1.12 Request Animal Services to provide animal services as necessary for citizens going to shelters and for related animal care needs

___ 1.13 Consider needs for additional resources such as Sheriff's Department Dive Team, Sheriff's Search and Rescue, and/or Cal/County Fire response for swift water rescue

ATTACHMENT 1.6 FIRE BRANCH - ARROYO GRANDE CREEK LEVEE

Staffed by Cal/County Fire

Prior to and after arrival at the EOC, Cal/County Fire guidelines include:

___ 1.1 Assist law enforcement/Law Branch in issuing warning message/evacuation order to areas as requested by Sheriff's Department and/or Law Branch

___ 1.2 Utilize "Special Needs" list for possible evacuation of that population; remind/advise Arroyo Grande Fire, Grover Beach, Oceano, and Pismo Beach to do the same.

___ 1.3 Participate in ongoing EOC Unified Command Group briefings and decisions

___ 1.4 Make sure Cal/County Fire PIOs are coordinating information with EOC PIO

___ 1.5 Perform Interagency Coordination duties, including usual mutual aid requests and tracking needs

___ 1.6 Coordinate Search and Rescue, including resources such as swift water rescue personnel (in conjunction with law enforcement)

___ 1.7 Establish a field ICP at a location favorable for the incident.

ATTACHMENT 1.7 PUBLIC WORKS BRANCH – A.G. CREEK LEVEE

Public Works Branch guidelines include:

___ 1.1 Staff the EOC command group

___ 1.2 Provide updates on the condition of the levee to the EOC or Watch Commander prior to EOC activation

___ 1.3 Make sure Public Works staff working with the media coordinates with the EOC PIO

___ 1.4 Ensure coordination of transportation needs for carless population (using NPP SOP); this task may be turned over to another responsible agency as available and possible

___ 1.5 Ensure coordination of transportation of medical patients not needing an ambulance with the Medical Branch (using NPP SOP); this task may be turned over to another responsible agency as available and possible

___ 1.6 Coordinate road closures and related barricade/warning sign equipment distribution

___ 1.7 Conduct damage assessment of dams, roads and water systems

___ 1.8 Provide damage assessment/situation status to the EOC command group and liaison

___ 1.9 Advise ESD when conditions are safe for public reentry

ATTACHMENT 1.8 MEDICAL BRANCH CHECKLIST – A.G. CREEK LEVEE

The **Medical Branch** will be staffed by the San Luis Obispo County Emergency Medical Services Agency or alternate.

Medical Branch guidelines include:

___ 1.1 Check in with CHO or Emergency Services Coordinator and obtain a briefing

___ 1.2 Confirm Arroyo Grande Hospital has been notified

___ 1.3 Advise Med-Com of presence face to face and explain position role in the EOC

___ 1.4 Assign staff to assist Med-Com and coordinate medical communications

___ 1.5 Establish contact with acute care hospitals in the County and explain situation

___ 1.6 Consider the need to advise northern Santa Barbara County acute care hospitals

___ 1.7 Contact private medical care facilities as listed in the CHO NPP SOP for evacuation coordination, if needed

___ 1.8 Establish contact with all ambulance providers and explain situation

___ 1.9 Request staffing of off duty ambulance and other medic units as needed

___ 1.10 Consider activation of RDMHC System or other mutual aid

___ 1.11 Use ambulance move up procedures ensure coverage of the county

___ 1.12 Coordinate transportation needs for other medically dependent persons

___ 1.13 Under direction of CHO, coordinate transportation of patients not needing an ambulance with County Public Works or other agency coordinating transportation resources

___ 1.14 Coordinate distribution of patients to surrounding hospitals

___ 1.15 Prepare information concerning emergency medical services for CHO, and for distribution to ESD and PIO

ATTACHMENT 1.9 PUBLIC HEALTH BRANCH - ARROYO GRANDE CREEK

The **Public Health Branch** will be filled by the County Health Officer or his/her authorized alternate

Public Health guidelines include:

___ 1.1 Participating as part of the EOC command staff for overall coordination

___ 1.2 Confirming that Medical Branch checklist duties are being fulfilled

___ 1.3 Provide public health nursing assistance with shelter staffing, evacuation teams, and phone inquiries as necessary

___ 1.4 Ensure that Medical Unit is coordinating response efforts for special needs facilities in the affected area (Refer to Nuclear Power Plant Emergency Response Plan Standard Operating Procedure [III.05] for County Health Agency for a current listing of special needs facilities)

___ 1.5 Ensure behavioral health/mental health services are being provided, as necessary.

___ 1.6 Provide for sampling and testing to ensure adequate safe drinking water, control of sewage and septic, and assistance with related environmental problems as needed

ATTACHMENT 1.10 SHELTER AND WELFARE UNIT - ARROYO GRANDE CREEK

Upon notification by County OES or related emergency organization staff, the **Shelter and Welfare Unit - Social Services** guidelines include, as necessary or requested:

___ 1.1 Activate the Phone Assistance Center as needed and if instructed to do so

___ 1.2 Using guidance from the generic EOC Shelter and Welfare SOP or NPP SOP, coordinate with ARC in determining locations, activating and managing one or more evacuation relocation shelters

___ 1.3 Coordinate with EOC command group

___ 1.4 Ensure shelter locations have been broadcast in follow up EAS messages and/or news releases

___ 1.5 Ensure liaison with American Red Cross is established, including requesting a representative at the EOC if necessary

ATTACHMENT 11 – SANTA MARIA RIVER LEVEE

If imminent Santa Maria River levee failure is possible or has occured, use the Twitchell Dam response procedures.

ATTACHMENT 12 - PRESCRIPTED PROCLAMATION OF LOCAL AND REQUEST FOR GOVERNOR TO PROCLAIM A STATE OF EMERGENCY

The following pages contain ready to complete Proclamation of Local Emergency and Request to Governor to Proclaim a State of Emergency documents.

PROCLAMATION OF LOCAL EMERGENCY BY DIRECTOR OF EMERGENCY SERVICES

I, , Director of Emergency Services of the County of San Luis Obispo, State of California, hereby find and determine that there exists a condition of extreme peril to the safety of persons and property within that area of the County of San Luis Obispo described as follows: entire county; because of the existence therein of the following conditions:

And, further, I do hereby find and determine that the condition or conditions set forth herein-above in this Proclamation currently exist within said area of the County of San Luis Obispo and are likely to be beyond the control of the services, personnel, equipment and facilities of the County of San Luis Obispo and require the combined forces of other political subdivisions to combat. These conditions are not a result of labor controversy.

Now, therefore, I do hereby PROCLAIM A LOCAL EMERGENCY in that area of the County of San Luis Obispo described as follows: entire county; all pursuant to the California Emergency Services Act (starting with Government Code Section 8550) and to Chapter 2.80 of Title 2 of the San Luis Obispo County Code.

In furtherance of this Proclamation of Local Emergency, there is hereby invoked within the above-described area of the County of San Luis Obispo, all of the powers and mechanisms set forth in the California Emergency Services Act and in the San Luis Obispo County Code Chapter 2.80, as said powers and mechanisms may be hereafter be used by authorized personnel of the County of San Luis Obispo.

It is hereby ordered that a copy of this Proclamation of Local Emergency shall be posted on all outside public access doors of the County Government Center and in one public place within any area of the County of San Luis Obispo within which this Proclamation applies, and that personnel of said county shall endeavor to make copies of this Proclamation available to news media.

This Proclamation of Local emergency shall be effective , and shall be ratified by the Board of Supervisors within seven days. The Board of Supervisors shall review the need for continuing the local emergency at least every fourteen days, unless further extended, or unless sooner terminated.

Dated:

Time:

_____

County Administrative Officer
and Director of Emergency Services

REQUEST TO GOVERNOR TO PROCLAIM A STATE OF EMERGENCY

To the Honorable , GOVERNOR OF THE STATE OF CALIFORNIA:

I, , Director of Emergency Services of the County of San Luis Obispo, State of California, do hereby request that you make a finding that there exists in the area of the County of San Luis Obispo described as follows: entire county; a condition of extreme peril within the meaning of Section 85588 of the Government Code of the State of California, because of the existence therein of the following conditions:

The conditions currently exist within said area of the County of San Luis Obispo and are likely to be beyond the control of the services, personnel, equipment and facilities of the County of San Luis Obispo and require the combined forces of other political subdivisions to combat. These conditions are not a result of labor controversy.

This is a request that after making the above said finding, you make a Proclamation of a State of Emergency pursuant to Section 8625 of said Code effective . I also request that you, as the Governor, and pursuant to Section 8626 of said Code direct the employment of State personnel and equipment.

Also, I request that you, as the Governor, request a Presidential Declaration of Emergency in San Luis Obispo County.

Also, I request that you, as the Governor, and pursuant to Section 8627 of the Government Code of the State of California, order to become effective (insert date and time) the regulations and orders placed into effect pursuant to a proclamation of Local Emergency.

Dated:

Time:

_____

County Administrative Officer
and Director of Emergency Services

ATTACHMENT 13 - DAM and LEVEE INUNDATION REFERENCE MAPS

The following pages contain general purpose reference maps of inundation areas for Arroyo Grande Levee area, Lopez, Nacimiento, Righetti, Salinas, San Antonio, Terminal, Twitchell, and Whale Rock Dams.

For the Santa Maria Levee, for planning purposes it is anticipated San Luis Obispo County would be affected similar to a breach of Twitchell Dam.

NOTE: Due to the size of the maps, they are on a separate file on electronic and Web posted copies of this plan, or included separately as paper copies.