



Decommissioning **San Onofre**

Nuclear Generating Station

Security at San Onofre

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Security Manager

Overview

1. Mission
2. Adversary Characteristics
3. Plans and Procedures
4. Insider Mitigation
5. Local Law Enforcement Agency Support

Mission

- Protect public health and safety against the threat of Radiological Sabotage
 - Well trained and highly qualified Armed Security Force
 - State of the art intrusion detection systems and cameras
 - Hardened defensive positions

Objectives & Requirements

(10 CFR 73.55)

- Physical protection program to address the design basis threat of radiological sabotage
- Capability to detect, assess, interdict, and neutralize threats
- Program to demonstrate effective implementation of the protective strategy

Sabotage/Theft

- **Sabotage/Theft:** Deliberate acts that could endanger the public by exposure to radiation
- **Threat:** Determined violent external assault, attack by stealth, or deceptive actions, including diversionary actions, by an adversary force
 - Single group attacking through one entry point
 - Multiple groups attacking through multiple entry points

Adversary Characteristics

(10 CFR 73.1)

- Well-trained and dedicated individuals with sufficient knowledge to identify specific equipment or locations necessary for attack
 - Active or passive insider
- Suitable weapons
- Hand-carried equipment
- Land and waterborne vehicle bomb assault
- Cyber attack

Security Plans

- Define how SONGS implements regulatory requirements such as:
 - Responsibilities and chain of command
 - Compensatory Requirements
 - Training and qualification of security personnel
 - Predetermined response plans and strategies

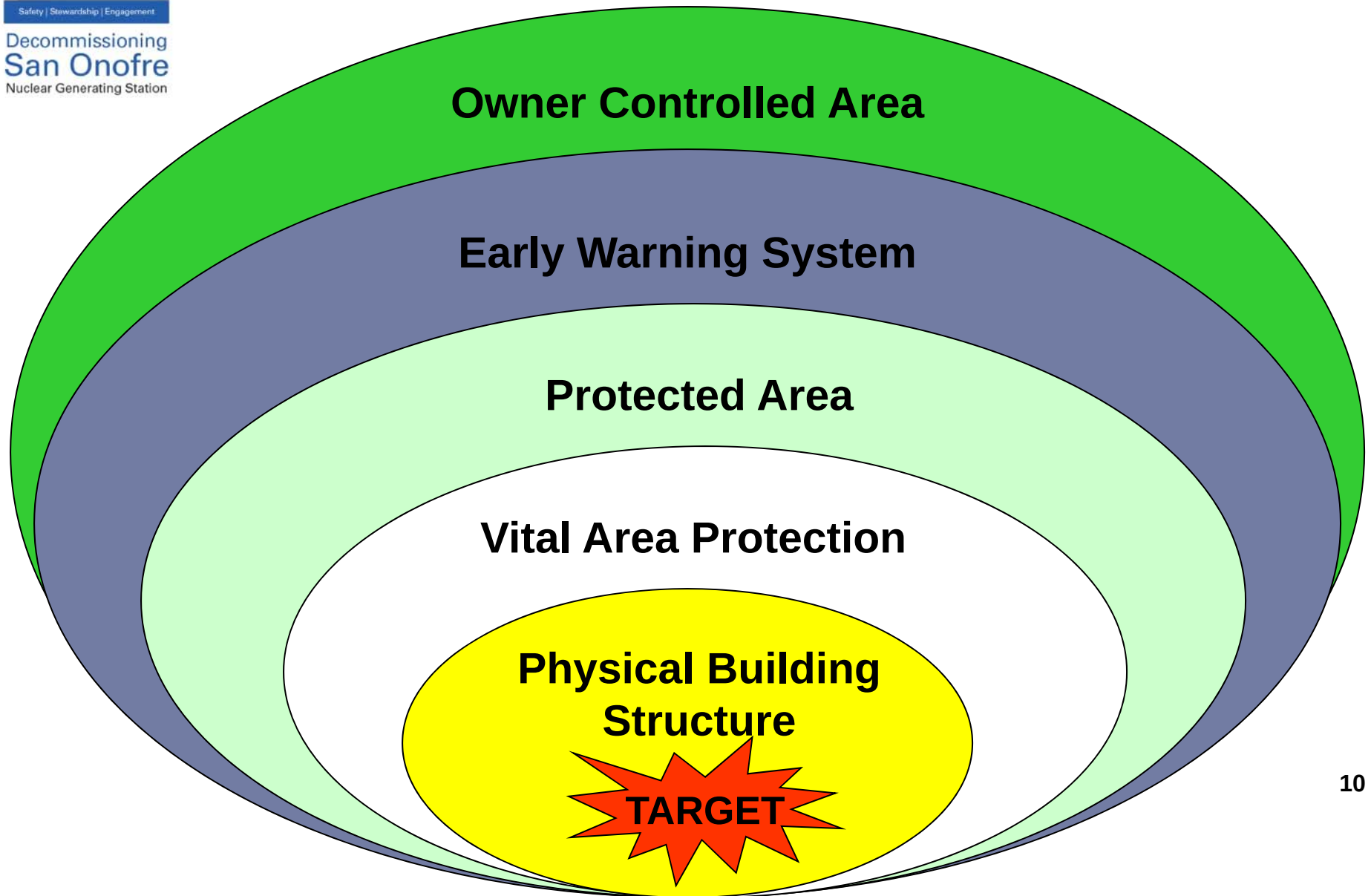
Procedures

- Provide site-specific details to ensure consistent implementation of security plans, including:
 - Equipment maintenance and testing
 - Training and qualification (includes Drills and Exercises)
 - Search Requirements
 - Post Responsibilities
 - Tactical Response Procedures

Protection of Plans

- Protect security plans and security-related information against unauthorized disclosure
 - Physical Security Plan
 - Training and Qualification Plan
 - Safeguards Contingency Plan
 - Cyber Security Plan
 - Security implementing procedures

Defense-in-Depth



Owner Controlled Area





OCA Access and Barricaded Gates

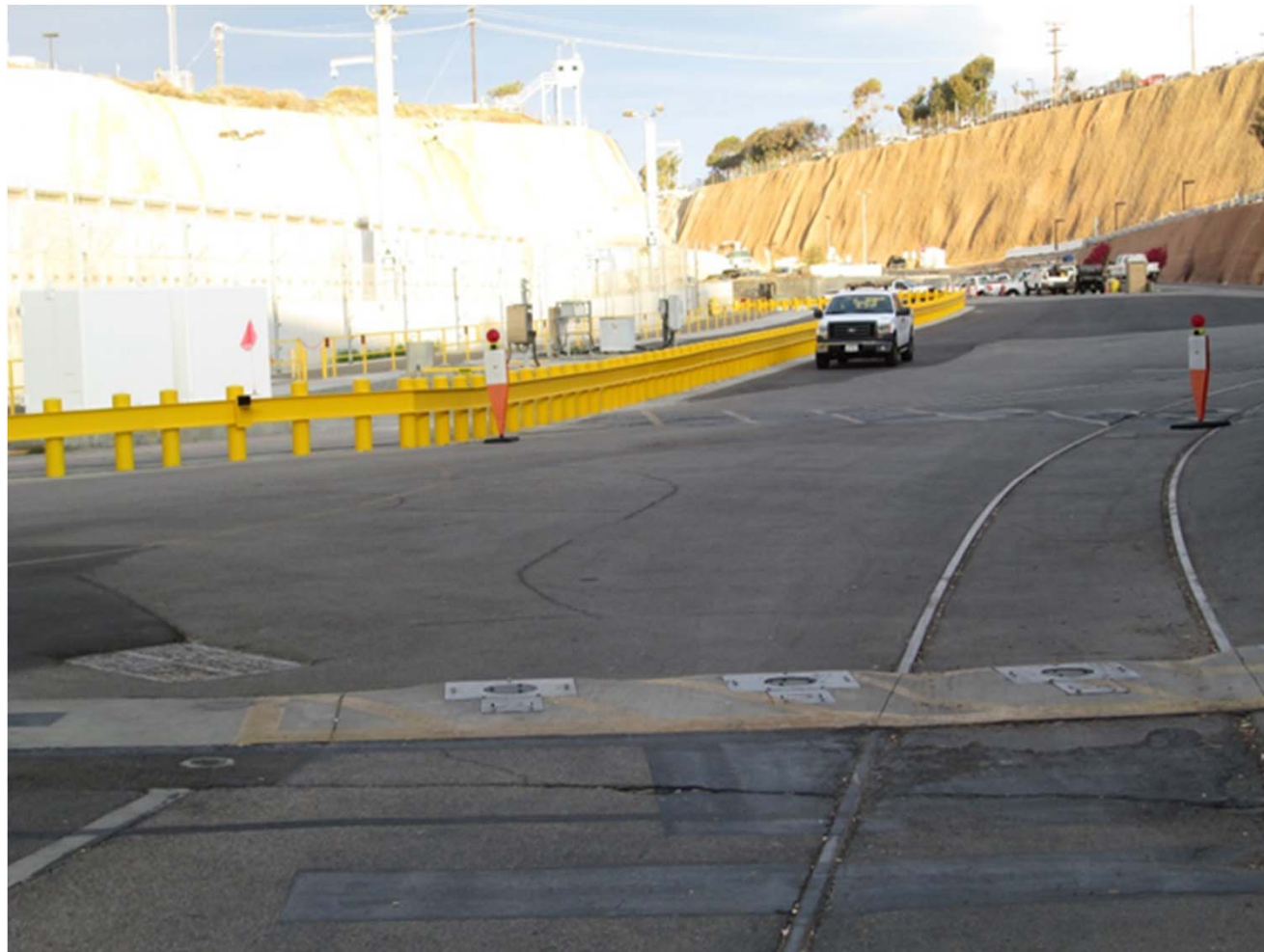
- Armed Security Officers
- Vehicle Barriers
- CCTV Monitoring
- Roving Patrols

Hardened Defensive Positions



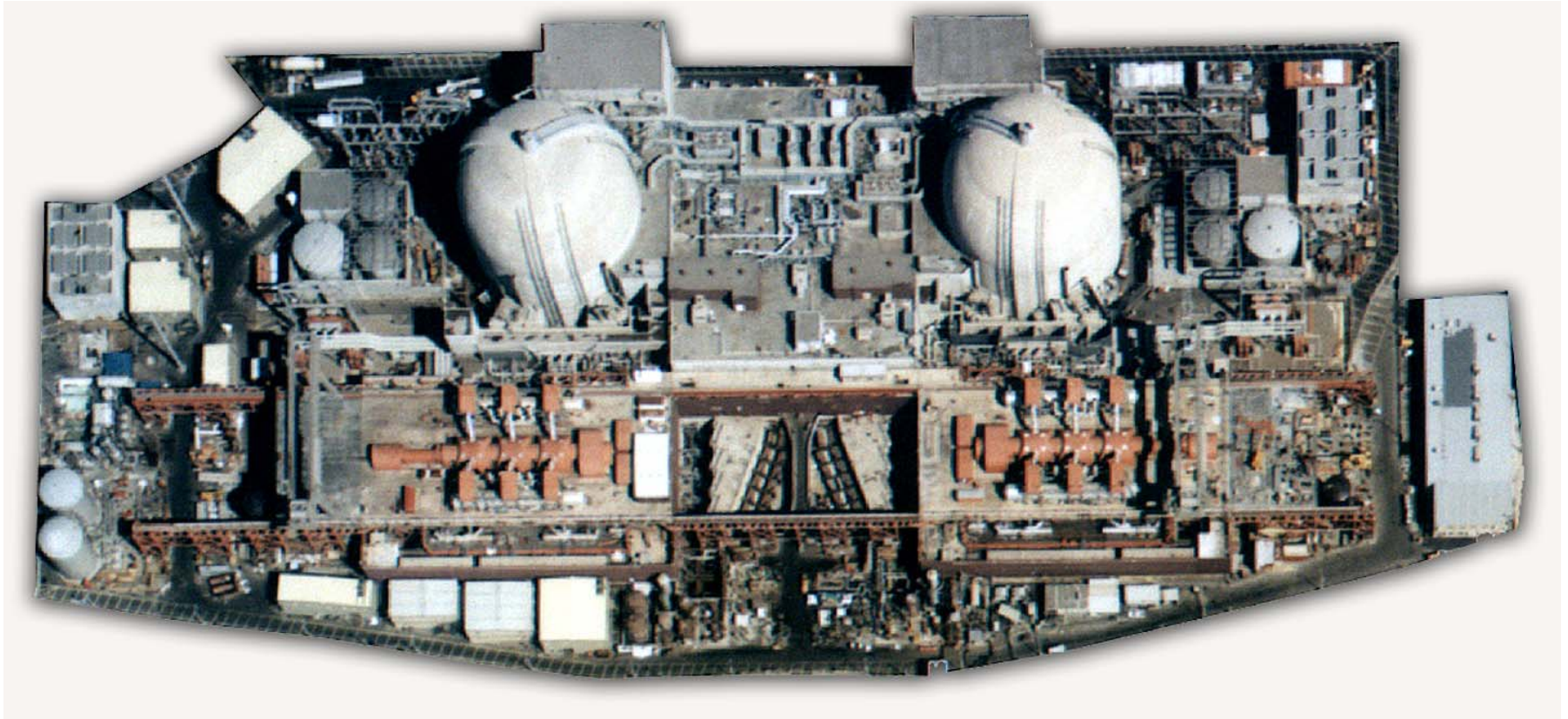
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Vehicle Barrier System



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U2/3 Protected Area



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Delay Fences and Gates

Hardened Fighting Positions



Vital Protection Area



- Concrete floors, walls, ceilings
- Steel doors locked, alarmed
- Key card access
- Delay barriers
- Anti-Grenade and/or Explosive Screens

**Defensive
Channeling and
Traps**



Security System Monitoring

- **EWZ, PA and VA alarm monitoring, assessment and response**
- **EWZ and PA CCTV and video capture**
- **Multiple communication capabilities**



Insider Mitigation

- Program must contain elements from:
 - Access authorization program (73.56)
 - Fitness-for-duty program (10 CFR part 26)
 - Physical protection program



Integrated Law Enforcement Agency Support

FBI - Primary Law Enforcement Agency (LEA)

Maintains the SONGS Integrated Law Enforcement Response Plan which outlines response actions for:

- U.S. Coast Guard
- FAA
- U.S. Border Patrol
- CA State Park Rangers
- CA State Highway Patrol
- Orange County Sheriff
- San Diego County Sheriff
- USMC Provost Marshal's Office

Communications Interoperability

Organization

Methods of Contact

FBI

Telephone

Radio

Cell Phone

CHP

Telephone

Radio

Cell Phone

USMC

Telephone

Radio

Cell Phone

State Parks

Telephone

Radio

Cell Phone

Border Patrol

Telephone

Radio

Cell Phone

Additional SONGS radios are staged for incoming law enforcement personnel



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CEP Comments & Questions