Safety | Stewardship | Engagement

Decommissioning
San Onofre
Nuclear Generating Station

SONGS Dry Fuel Storage Emergency Preparedness

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Decommissioning San Onofre Nuclear Generating Station

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Decommissioning Principles:

Safety
Stewardship
Engagement

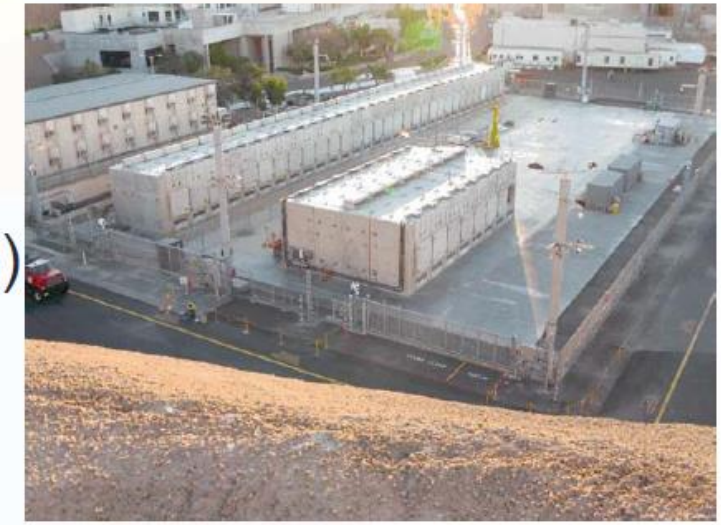
For more information on SONGS please visit www.SONGScommunity.com

Security's 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

SONGS
Existing ISFSI Pad

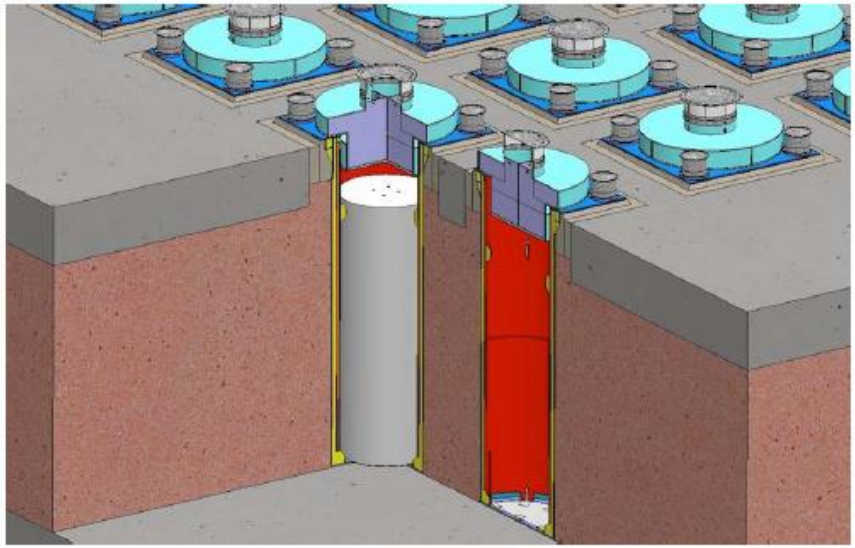
- SONGS Independent Spent Fuel Storage Installation (ISFSI) site is located adjacent to Units 2 and 3
- The SONGS ISFSI currently has 50 Dry Storage Canisters (canisters) filled with used fuel
- The existing canisters were manufactured by AREVA-TN
- The canisters are “Horizontal Storage Modules” with passive cooling



ISFSI= Independent Spent Fuel Storage Installation

SONGS Vertical HOLTEC Design

- The proposed SONGS ISFSI expansion site is located adjacent to the existing ISFSI
- The expansion will add approximately 70 canisters for fuel and 6 to 10 for waste



- The canisters are being manufactured by HOLTEC International

Future: ISFSI Pad Expansion

ISFSI= Independent Spent Fuel Storage Installation

HOLTEC
ISFSI Expansion at Another Site

ISFSI= Independent Spent Fuel Storage Installation

Emergency Response Plan

- NRC Approved Emergency Response Plan required as long as there is fuel onsite
- Required to have Agreements with Local Law Enforcement, Fire, Medical and Medial Transport
- Annual Training, including drills required for Offsite Response Organizations (OROs)
- Dedicated and trained onsite Emergency Responders
- Notify the Federal, State, and Local jurisdictions within 60 minutes
- Offsite Radiation Monitoring capability maintained
- Offsite emergency funding maintained at 100% until all fuel is in Dry Storage

Integrated Law Enforcement Agency Support

FBI - Primary Law Enforcement Agency (LEA)

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

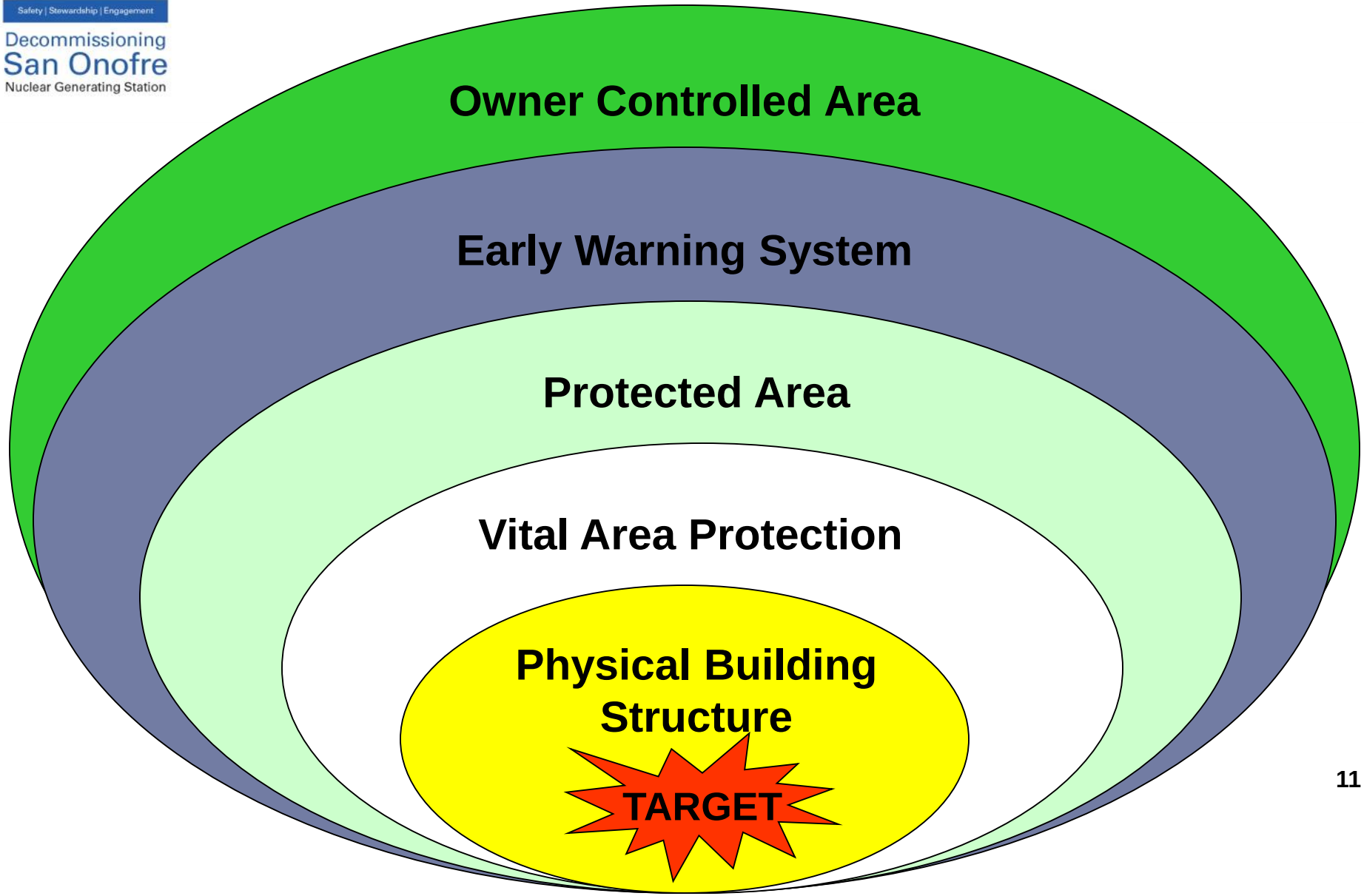
- U.S. Coast Guard
- FAA
- U.S. Border Patrol
- CA State Park Rangers
- CA State Highway Patrol
- Orange County Sheriff
- San Diego County Sheriff
- USMC Provost Marshal's Office

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

Defense-in-Depth



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Thank you!!!

Comments & Questions