

Community Engagement Panel
Regular Meeting

SONGS Dismantlement Update by San Onofre Decommissioning Solutions

Thursday, November 5, 2026

4:00 – 6:30 pm PT via Microsoft Teams

Link available on the CEP meeting webpage at songscommunity.com

THIS MEETING IS BEING RECORDED

Agenda Topics	Presenter(s)	Time
CEP and SCE Opening Comments <ul style="list-style-type: none"> Welcome, how to submit questions, sign up for public comment Discussion topics and read-only content SONGS “Big Picture” - decommissioning principles, major workstreams and schedule El Nino and SONGS 	Dan Stetson, CEP Chair Fred Bailly, SCE VP of Generation and Chief Nuclear Officer Vincent Barone, Sr. Manager, SCE Engineering	4:00 – 4:15
CEP General Community Updates <ul style="list-style-type: none"> Federal used fuel management program Encouraging recent developments 	Dan Stetson Victor Cabral, CEP Vice Chair	4:15 – 4:30
SONGS Dismantlement Update by San Onofre Decommissioning Solutions (SDS) <ul style="list-style-type: none"> Safety Dismantlement plan, timeline and activities Waste packaging and transportation Environmental stewardship 	Joe Nowak, Executive Sponsor, San Onofre Decommissioning Solutions	4:30 – 5:00
Break		5:00 – 5:05
Public Comment Period and Facilitated Dialogue	Manuel Camargo, Principal Manager, SCE	5:05 – 6:05
CEP and SCE Closing Comments	Dan Stetson Fred Bailly	6:05 – 6:15
Contents of Appendix - Read Only Topics and Reference Materials: <ul style="list-style-type: none"> Spent Fuel Solutions coalition update SONGS beach walkway and Gunitite slope repairs SONGS batch releases and tritium monitoring Recent storms, Kelvin waves, and sea-level rise 		

Public Comment

Dan Stetson

Directions for the public comment period:

To submit comments and questions in writing:

- Use the [CEP Comment Form](#)

To sign up to speak:

- Use the [CEP Comment Form](#)

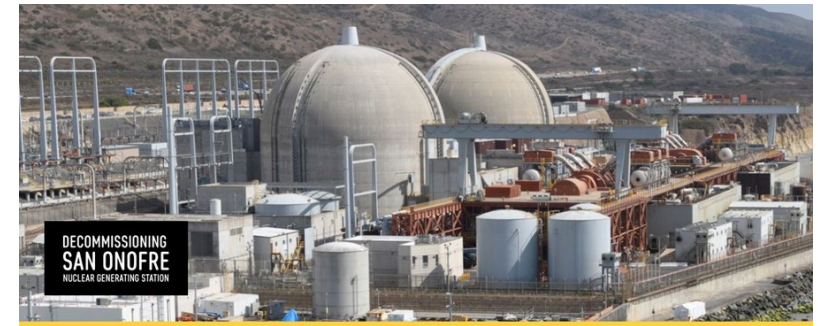
Comments and questions will be addressed in the order received

Manuel Camargo will facilitate

SONGS: Big Picture

Fred Bailly

SCE Vice President of Generation and Chief Nuclear Officer



Decommissioning Principles (more [here](#))

1. Safety
2. Stewardship
3. Engagement

Major Workstreams

1. Dismantling above ground structures
2. Safely managing spent fuel onsite
3. Advocating for offsite storage and disposal

Current Phase of Dismantlement Set for Completion year-end 2028

El Nino and SONGS

- Storms in October prompted erosion and flooding at residential and commercial structures along the Southern California coastline
- As a nuclear plant, SONGS is designed to withstand extreme climate events and has performed accordingly
- The flood analysis assumes more extreme rainfall compared to El Nino which is predicted at 30 inches over 4 months
- SONGS analyses include provisions for concurrent Kelvin waves, wind-driven waves, storm surge, high tides, and tsunamis ... with margin to spare
- To protect against erosion:
 - Robust seawalls extend below sea level (erosion occurs at sea level or above) and are securely anchored
 - Riprap protects the base of the seawalls



General Community Updates

Dan Stetson

CEP Members

Dan Stetson

SAN ONOFRE
COMMUNITY
ENGAGEMENT
PANEL

Leaders	Organization
Dan Stetson, Chairman	Trustee and Executive Director, Nicholas Endowment
Honorable Victor Cabral, Vice Chairman	Council Member, City of San Clemente
Martha McNicholas, Secretary	Community Member
Members	
Michelle Anderson	Director, Emergency Management Division, Orange County Sheriff's Department
Mike Balsamo	SVP, Government Relations, Rancho Mission Viejo/Board Member, South OC Economic Coalition
Garry Brown	President and CEO, Orange County Coastkeeper
Lisa Davis	President, Capistrano Unified School District Board of Trustees
Honorable Jim Desmond	Supervisor, San Diego County, 5 th District
Honorable Katrina Foley	Supervisor, Orange County, 5 th District
Rob Howard	Representative, City of Oceanside
Scott Kibbey	South Sector Superintendent, California State Parks, Orange Coast District
Val Macedo	Business Manager, Laborers International Union of North America, Local 89
Ted Quinn	Former President, American Nuclear Society
Honorable John Taylor	Mayor Pro Tempore, City of San Juan Capistrano, 4 th District
Captain Mel Vernon	San Luis Rey Band of Mission Indians
Honorable Michael Villar	Council Member, City of Dana Point, 5 th District
Daniel Whitley	Community Plans and Liaison Officer, Marine Corps Base Camp Pendleton

CEP Community Updates

Dan Stetson and Victor Cabral

SAN ONOFRE
COMMUNITY
ENGAGEMENT
PANEL

- **Federal used fuel management program**

- Constructive hearings in House and Senate committees of jurisdiction
 - House Committee on Energy & Commerce Subcommittee on Energy on Sept. 15
 - Senate Committee on Environment & Public Works on Sept. 23
 - Bipartisan support for Nuclear Lifecycle Innovation Campuses (NLICs) at both hearings
 - Legislation needed to break Yucca Mountain's exclusivity as only authorized repository site
- Rep. Mike Levin news conference on NLICs and his SONGS Task Force Report 2.0
 - Hosted at SONGS on Oct. 28
 - Guest speakers: SCE President and CEO Steve Powell, OC Supervisor and Spent Fuel Solutions Co-Chair Katrina Foley, and SONGS CEP Chair Dan Stetson

- **Encouraging recent developments**

- Progress moving used nuclear fuel out of San Clemente – Idaho, Louisiana, Oklahoma, Tennessee, and Utah voluntarily stepped forward to host NLICs
- Department of Energy (DOE) planning conditional hosting agreements before year end

Community Engagement Panel

SONGS Decommissioning Activity Status

Joe Nowak
SDS Executive Sponsor

November 5, 2026

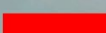
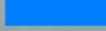


Decontamination and Dismantlement (D&D) Progress Map

SONGS site map indicates types of work in progress

ACM = Asbestos-Containing Material

HAZ = Hazardous Material
Isolation = terminate water and electricity

	Isolations in Progress
	Isolations Complete
	ACM & HAZ In Progress
	ACM & HAZ Complete
	Demolition in Progress
	Demolition Complete

Updated
10/02/26



Precuts on steam generator foundation base
in Unit 2 containment

**SDS Safety and Management
Commitment**

Decommissioning Plan

Waste Management

**Environmental Stewardship
and Mitigation Measures**

SONGS | Safety Performance

Reporting period ending October 16, 2026

417,041

2026 work hours

0.96

2026 TRC rate
(Total Recordable Cases)

0.48

2026 day-away rate

6.32M

Job-to-date hours

2026 PERFORMANCE

- 2 recordable cases, 1 days-away case
- 16 first aid cases; 4 near misses
- No environmental cases recorded in safety Log

OCTOBER TO DATE

- 17,752 work hours
- 1 recordable / days-away case (subcontractor)
- 1 first-aid case; 0 near misses

EXECUTIVE FOCUS

2026 TRC rate (0.96) exceeds goal (0.47); days-away rate (0.48) exceeds goal (0.23). Reinforce injury prevention and subcontractor oversight.

Worker Safety & Safety Culture

2026 Safety Conscious Work Environment (SCWE) Survey

SCWE is defined as a work environment where employees are encouraged to raise safety concerns and where concerns are promptly reviewed, given the proper priority based on their potential safety significance, and appropriately resolved with timely feedback to the originator of the concerns and to other employees as appropriate

Key Findings

- Healthy Safety Culture: Survey confirms a positive Safety Conscious Work Environment
- Employee Accountability: 100% acknowledge responsibility for identifying adverse conditions and reporting radiological or environmental concerns
- Reporting Confidence: 99% understand available reporting processes; 95% recognize alternative reporting channels
- Continuous Improvement: Strengthen employee engagement, confidentiality, issue resolution, and management communication

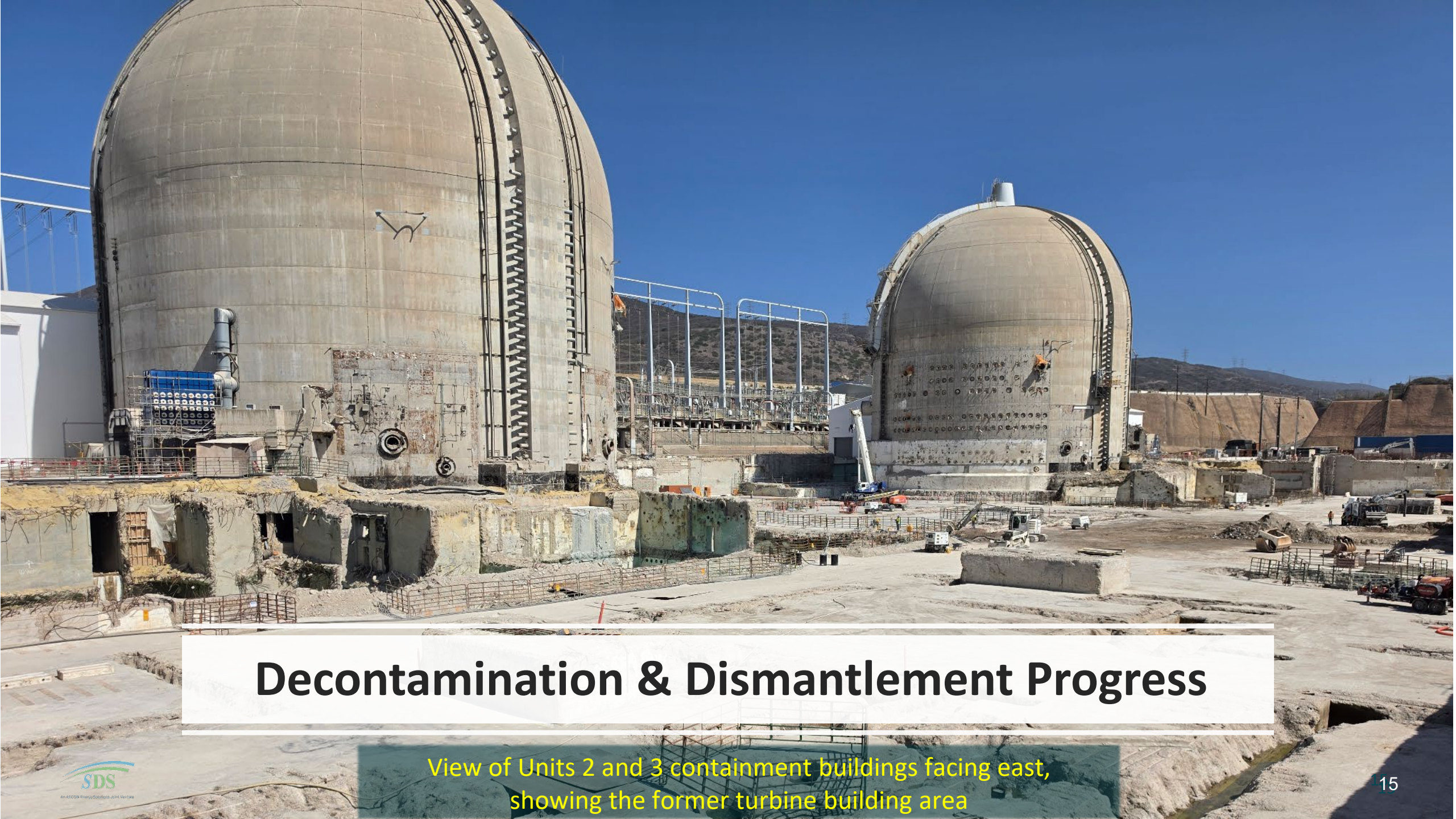
Key Takeaway: SDS maintains a healthy SCWE, supported by strong employee awareness, proactive reporting, and leadership engagement. Continued focus on workforce trust and timely concern resolution remains essential.



Preparation to remove overhead cable trays in Unit 2 containment on elevation 63'

Safety Leadership & Continuous Improvement

- **Operational Focus:** Strengthen safety planning for repetitive and FOAK activities through lessons learned
- **Visible Leadership:** Increase field presence, safety observations, and proactive hazard identification
- **Workforce Engagement:** Partner with union leadership to reinforce accountability and safety culture
- **Employee Involvement:** Promote safety awareness through workforce engagement and safety luncheons
- **Continuous Improvement:** Implement independent assessment recommendations to enhance safety performance
- **Regulatory Compliance:** Maintain strong leadership commitment to procedural adherence and regulatory requirements



Decontamination & Dismantlement Progress

View of Units 2 and 3 containment buildings facing east,
showing the former turbine building area

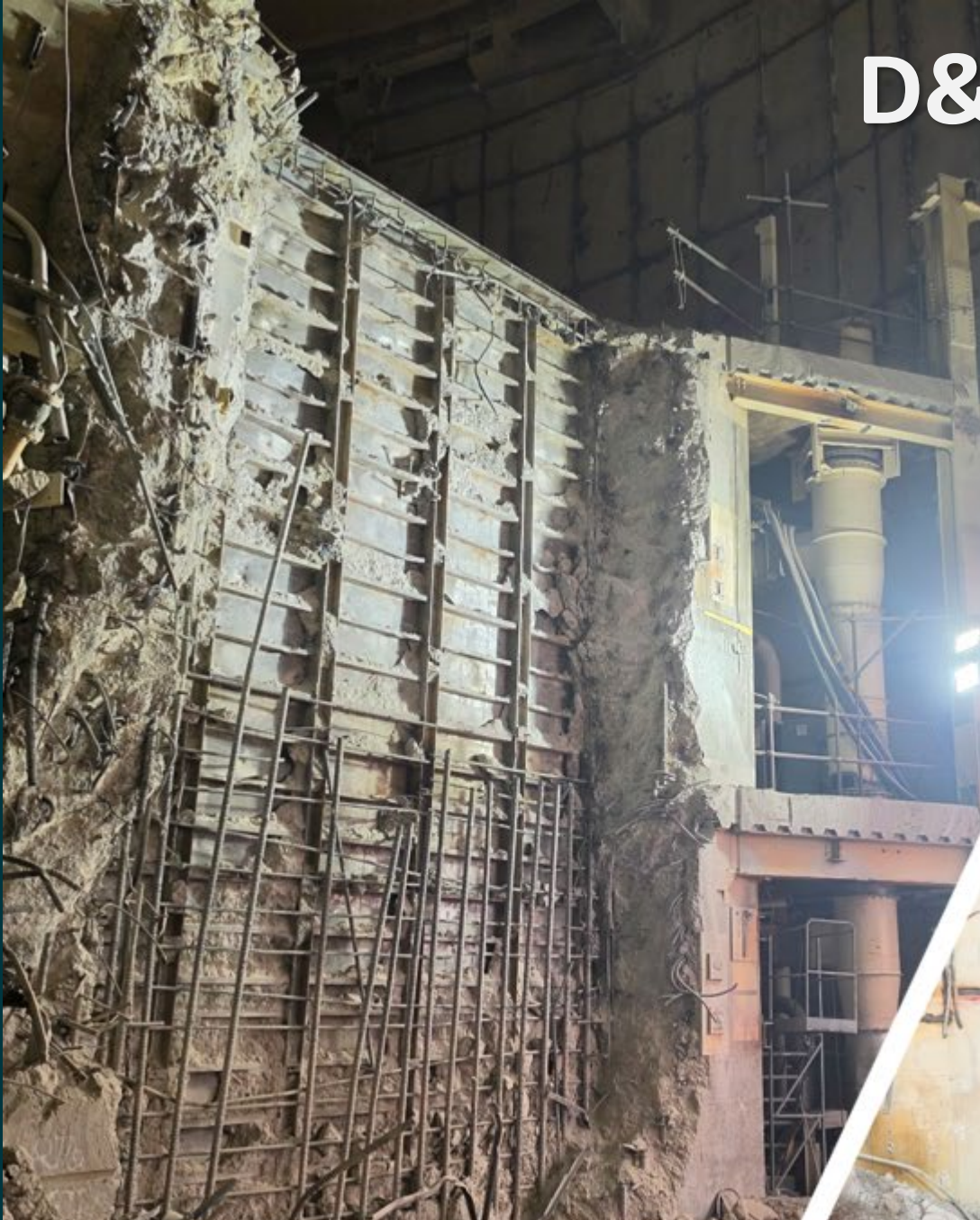
D&D Progress

Total Project Completion	90%
---------------------------------	------------

-
- | | |
|---|------|
| ■ Demo Package 3 | 53% |
| ■ Waste Shipments Off Site | 74% |
| ■ Containment Large Component Removal | 100% |
| ■ Reactor Vessel Cut-up and Removal | 100% |
| ■ Decommissioning Isolation Enclosure Tent Installation | 100% |
| ■ Demo Package 4 | 11% |
| ■ Site Restoration & Backfill | 0% |
-



D&D Progress



Unit 3 Containment Interior Demolition



Unit 3 Containment Waste Processing



Unit 3 Containment Interior Demolition

As Low As Reasonably Achievable (ALARA)



Unit 2 encapsulation
(painting for decontamination control)
of Reactor Vessel (RV) equipment
in preparation of demolition

- Continue delivering world-class ALARA performance
- The 2026 cumulative dose remains below the 44 Roentgen Equivalent Man (REM) goal
- The average dose received by a TLD-monitored worker on site is 72mRem, which remains well below both the regulatory limit of 5,000 mRem and the administrative limit of 1,500 mRem
- As of the end of September, the total year-to-date dose accrued by the entire site workforce (not on a per-person basis) was 41.5 REM

Waste Management Overview



Total anticipated waste expected on site

1,018,634,810 lbs.

Project-to-date waste shipped off site

750,198,928 lbs.
(74% complete)

To go

268,435,882 lbs.
(26% to go)

Total rail cars required to support shipments

5,500

Rail cars shipped off site to date

3,219
(59%)

To go

2,281

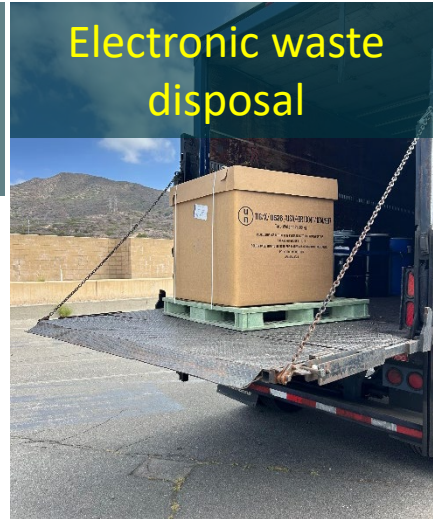
Environmental Stewardship

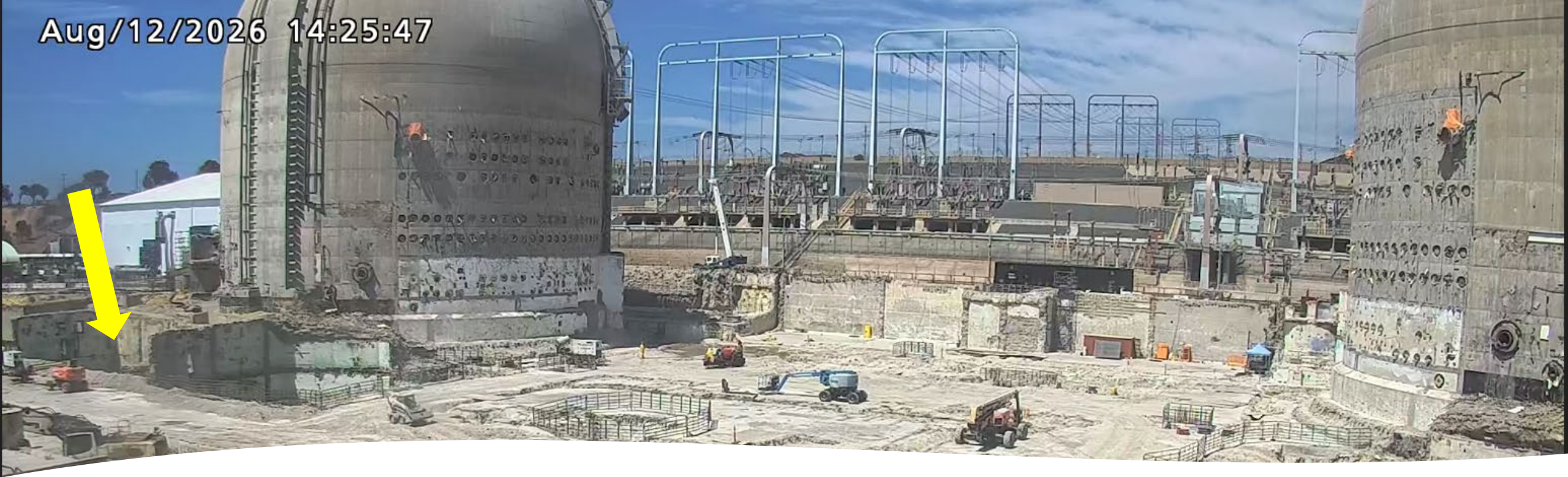
- Employees receive Worker Environmental Awareness Program (WEAP) prior to working on site
- Nesting bird management
- Work monitoring (Federal, State and County agencies, biological, cultural, tribal, and more)
- Water discharge, air emission and excavation monitoring
- Implementation of stormwater management practices to minimize dust and runoff into storm drains
- Minimize truck traffic, each railcar eliminates 6 truck trips



Our Coastal ecosystems top predator- the osprey serves as an indicator of the rich biodiversity and ecological health of the Southern California shoreline

Environmental Stewardship





Batch Release Update

- During dismantlement, a hole was punctured in a Unit 2 basement wall at 15 feet below the water table, allowing groundwater intrusion
- Groundwater included in batch releases
- Processed water is sampled and analyzed prior to release to confirm National Pollutant Discharge Elimination System (NPDES) discharge permit and Nuclear Regulatory Commission (NRC) license requirements – including radiation- are met
- In short, batch releases have increased in volume and frequency
- A concrete engineering repair plan has been approved, and implementation preparations are currently underway.

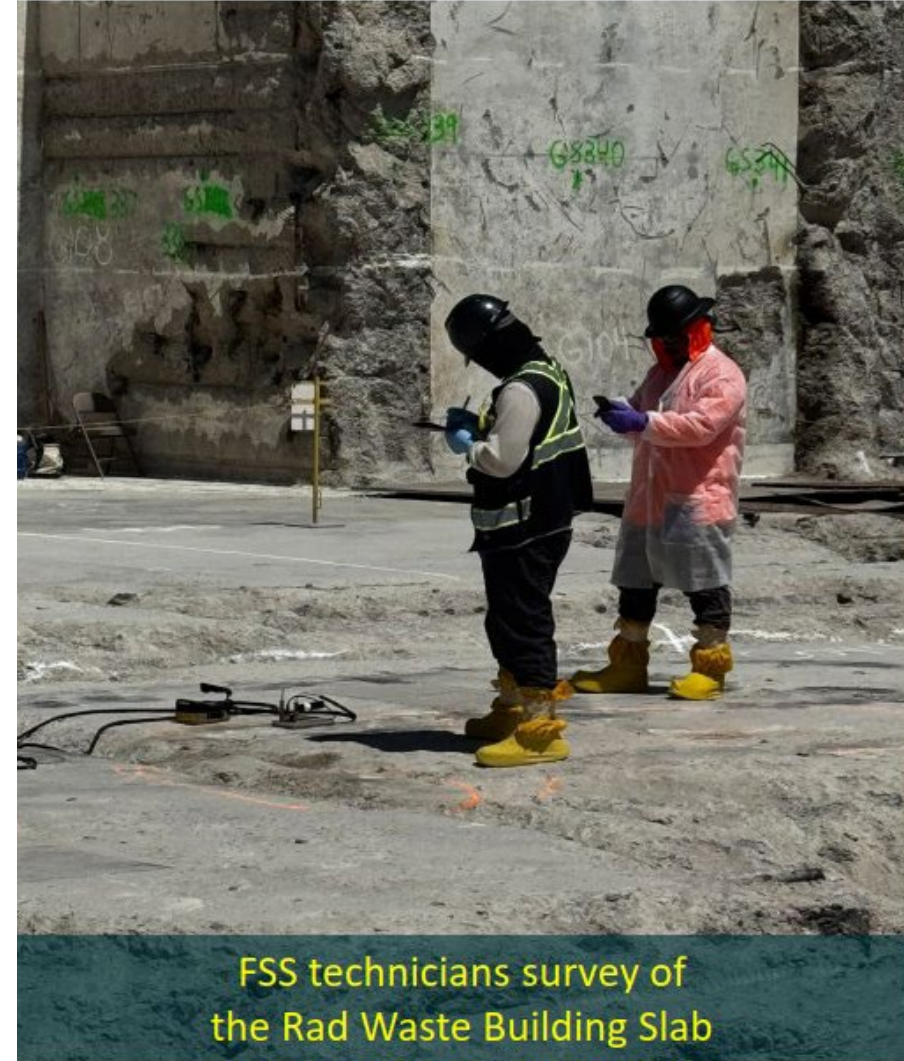
DTSC and NRC Notification

(Department of Toxic Substances Control)

SONGS Unit 2 Wastewater Discharge Event - September 23, 2026

- Event: Approximately 5,000 gallons of demolition wastewater entered the Unit 2 storm drain system, discharging through the offshore conduits to the ocean
- DTSC was notified due to elevated pH levels
- Identification: Monitoring system alarm prompted investigation, identifying an overflowing tank and an operating transfer pump from Unit 2 Safety Equipment Building (SEB)
- Immediate Response:
 - Pump secured; SCE and SDS executive leadership notified
 - San Diego Regional Water Quality Control Board and NRC notified
 - SDS management issued a stop-work order for all water movement, processing, and batch releases
- Cause evaluation completed, stop work lifted, corrective actions implemented, and water movement, processing, and batch release operations have resumed
- Potential NRC violation – awaiting NRC's review of the cause evaluation

Final Status Survey (FSS)



July 2022



D&D Progress

September 2026



Thank You

Final Status Survey (FSS) technician being lowered into the
Rad Waste Building (RWB) sump to conduct survey

Public Comment

Dan Stetson

Directions for the public comment period:

To submit comments and questions in writing:

- Use the [CEP Comment Form](#)

To sign up to speak:

- Use the [CEP Comment Form](#)

Comments and questions will be addressed in the order received

Manuel Camargo will facilitate

SAN ONOFRE
COMMUNITY
ENGAGEMENT
PANEL

BREAK

SAN ONOFRE
COMMUNITY
ENGAGEMENT
PANEL

General Public Comment

To sign up to speak online use the [CEP Comment Form](#)

3:00

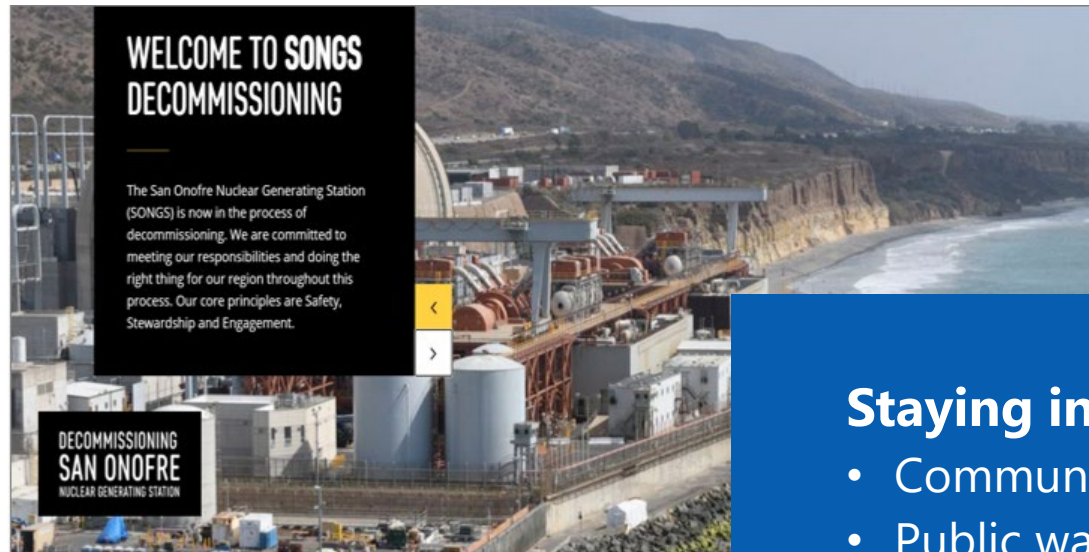
CLOSING COMMENTS

FRED BAILLY



Resources

Learn about decommissioning
www.songscommunity.com



Staying informed

- Community Engagement Panel meeting dates
- Public walking tour dates and sign ups
- Decommissioning blog and news updates
- SONGS community update email
- Facebook, YouTube, and Instagram

KEY TAKEAWAYS

DAN STETSON



2027 CEP Meetings and Topics

(subject to change)

Preliminary Focus Topics	Dates (to be determined)
1Q CEP Regular Meeting SONGS Containment Dome Demolition	March
2Q CEP / Joint SFS Meeting Federal Used Fuel Management Program & Atlas Railcar Shipment Updates	June
3Q CEP Regular Meeting Controlling Airflow on Dry Cask Storage Systems / NUHOMS Used Fuel Dry Cask Storage Inspection Results	August
4Q CEP Regular Meeting SONGS Dismantlement Update by San Onofre Decommissioning Solutions	November
CEP Member Consultation Meeting	December

Thank you
Stay safe and healthy

Acronyms

ACM	Asbestos Containing Material
AHSM	Advanced Horizontal Storage Module
ALARA	As Low As Reasonably Achievable
AMP	Aging Management Program
AREOR	Annual Radiological Environmental Operating Report
ASME	American Society of Mechanical Engineering
C&D	Cold & Dark
CAP	Corrective Action Program
CCC	California Coastal Commission
CBS	Core Barrel Support
CCR	Current Conditions Report
CDP	Coastal Development Permit
CDPH	California Department of Public Health
CEC	California Energy Commission; Cavity Enclosure Container
CEP	Community Engagement Panel
CEQA	California Environmental Quality Act
CFR	Code of Federal Regulations
CH&S	Corporate Health & Safety
CIS	Consolidated Interim Storage
CNO	Chief Nuclear Officer
CPEN	Camp Pendleton
CPUC	California Public Utilities Commission
CSLC	California State Lands Commission
D&D	Decontamination & Dismantlement
DA	Decommissioning Agreement; Decommissioning Agent
DCE	Decommissioning Cost Estimate
DGC	Decommissioning General Contractor
DGCL	Derived Concentration Guideline Levels
DID	Defense-in-Depth
DOE	Department of Energy
DoN	Department of Navy

DOR	Division of Responsibility
DPH	Department of Public Health
DSAR	Defueled Safety Analysis Report (replaces FSAR)
DSC	Dry Storage Canister
D-SEIS	Draft Supplemental Environmental Impact Statement
D-SER	Draft Safety Evaluation Report
DSFM	Division of Spent Fuel Management (NRC)
DTF	Decommissioning Trust Fund
DTSC	Department of Toxic Substances Control
EAL	Emergency Action Level
EH&S	Environmental, Health & Safety
EIR	Environmental Impact Report (under CEQA)
EIS	Environmental Impact Study (under NEPA)
EP	Emergency Plan
EPA	Environmental Protection Agency
EPRI	Electric Power Research Institute
ERO	Emergency Response Organization
ET	Experts Team
FA	Fuel Assembly
FEIR	Final Environmental Impact Report
FERC	Federal Energy Regulatory Commission
FSAR	Final Safety Analysis Report
FSS	Final Status Surveys
FSSR	Final Status Survey Report
FTO	Fuel Transfer Operations; Field Training Officer
GTCC	Greater Than Class C (Waste)
HAZ	Heat Affected Zone
HI-TRAC	Holtec International Transfer Cask
Hi-PORT	Holtec International Transporter
HI-STORM	Holtec International Storage Module
HSM	Horizontal Storage Module



Acronyms

IOEP	ISFSI-Only Emergency Plan
IPC	Interjurisdictional Planning Committee
IRMS	ISFSI Radiation Monitoring System
ISA	Industrial Security Area
ISFSI	Independent Spent Fuel Storage Installation
LAR	License Amendment Request
LLRW	Low-Level Radioactive Waste
LOED	Large Organism Exclusion Device
LTP	License Termination Plan
MARSSIM	Multi-Agency Radiation Survey Site & Investigation Manual
MOU	Memorandum of Understanding
MPC	Multi-Purpose Canister
NDTF	Nuclear Decommissioning Trust Fund
NEI	Nuclear Energy Institute
NEPA	National Environmental Policy Act
NOP	Notice of Preparation
NOV/IO	Notice of Violation and Investigative Order
NPDES	National Pollutant Discharge Elimination System
NPP	Nuclear Power Plant
NRC	Nuclear Regulatory Commission
NTP	Notice to Proceed
NUREG	Nuclear Regulation
NUHOMS	Nutech Horizontal Modular Storage
OC	Orange County
O&M	Operation & Maintenance
OE	Operating Experience
OSHA	Occupational Safety & Health Administration
PA	Protected Area
PDEP	Permanently Defueled Emergency Plan
PDTS	Permanently Defueled Technical Specifications
PPE	Personal Protective Equipment
PSDAR	Post-Shutdown Decommissioning Activities Report

Q&A	Questions and Answers
RECP	Radioactive Effluents Control Program
REIR	Request for Environmental Impact Review
REMP	Radiological Environmental Monitoring Program
RP	Radiological Protection
RPV	Reactor Pressure Vessel
RSI	Request for Supplemental Information
RV	Reactor Vessel
RVI	Reactor Vessel Internals
RWQCB	Regional Water Quality Control Board
SCE	Southern California Edison
SD	San Diego
SDDEH	San Diego Department of Environmental Health
SDS	San Onofre Decommissioning <i>Solutions</i>
SFP	Spent Fuel Pool; Support Foundation Pad (ISFSI)
SFPI	Spent Fuel Pool Island
SLC	State Lands Commission (CA)
SLR	Sea Level Rise
SONGS	San Onofre Nuclear Generating Station
STP	Sewage Treatment Plant
SWPPP	Storm Water Pollution Prevention Plan
T&D	Transmission & Distribution
TBA	To Be Announced
TBD	To Be Determined
TEDE	Total Effective Dose Equivalent
UFSAR	Updated Final Safety Analysis Report
UT	Ultrasonic Testing
UU	Unrestricted Use
VCT	Vertical Canister Transporter
VLLW	Very Low-Level Waste
VRS	Volume Reduction Station
WNR	Wheeler North Reef (Marine Mitigation)
WHOI	Woods Hole Oceanographic Institution

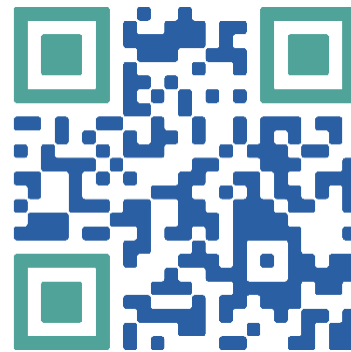
Appendix: Read-Only Topics and Reference Material

- Spent Fuel Solutions coalition
- SONGS beach walkway and Gunitite slope repairs
- SONGS batch release and tritium monitoring
- Recent storms, Kelvin waves, and sea level rise





Coalition Update



Coalition Updates

- Spent Fuel Solutions is working on a 2027 plan and updated Policy Principles document
- Plans for 2027 include outreach to federal leaders and stakeholders in the Nuclear Lifecycle Innovation Campus (NLIC) finalist states
- Spentfuelsolutionsnow.com has a new page about the NLIC initiative
- Q3 webinar featuring former DOE Senior Program Manager Vincent Ialenti held on September 10
- Planning Q4 webinar and will distribute invitations in the coming weeks
- Working to amplify news of Finland's Onkalo repository receiving an operating license

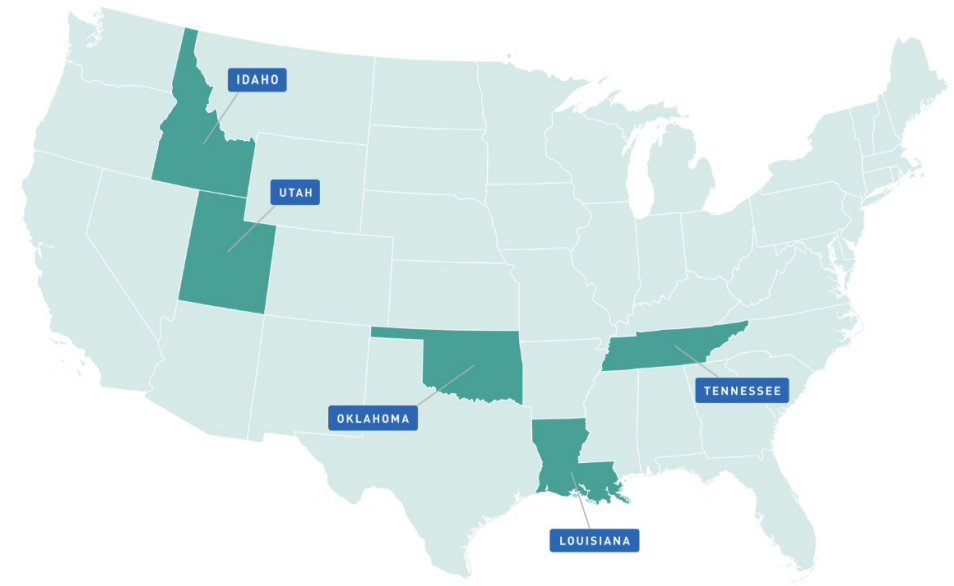
The Department of Energy's (DOE) Nuclear Lifecycle Innovation Campus Initiative

Overview

In January 2026, the Department of Energy (DOE) released a Request for Information (RFI) inviting states to express their interest in hosting Nuclear Lifecycle Innovation Campuses. The proposed innovation campuses could support activities across the full nuclear fuel lifecycle, including fuel fabrication and enrichment, reprocessing used nuclear fuel, and disposition of waste. After receiving 28 responses from 26 states, the DOE announced in July 2026 that they have selected five finalists interested in hosting a Nuclear Lifecycle Innovation Campus: Utah, Tennessee, Oklahoma, Louisiana, and Idaho. All five states have signed memorandums of understanding (MOU) with the DOE and are continuing to explore opportunities to host the proposed campuses.

States that are selected to host an innovation campus will sign agreements with the DOE at a later date.

States Being Considered



SONGS Beach Walkway and Gunitite Slope Repair Updates

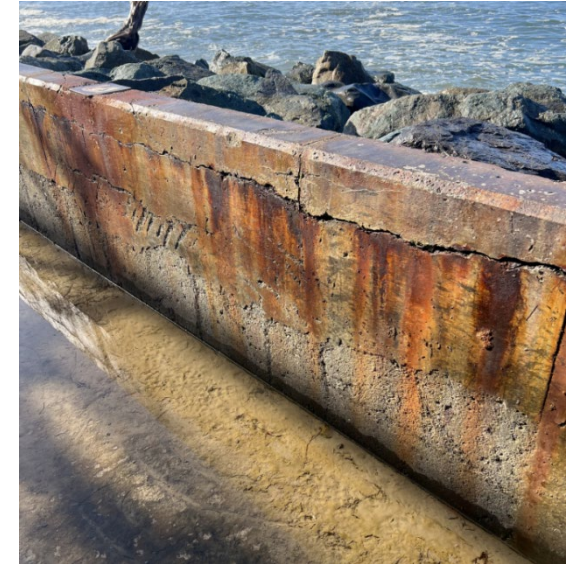


Improvements to SONGS Public Walkway

- Improvements to walkway that connects San Onofre State Beach North and South is underway
- Work started in June and includes demolition and repairs to the pedestrian retaining wall between points A and D shown below; work is expected to be complete by 1Q 2027
- Efforts are being made to minimize closure of the walkway; when closures are needed for public safety, signage will be posted in advance at the park entrance and walkway
- All work is done in accordance with the California Coastal Development permit for the SONGS site
- Adjacent seawall remains in good condition and is out of scope



Rip Rap



SONGS Gunitite Slope Repair Update



Gunitite Slope Repair



SONGS site access road facing north

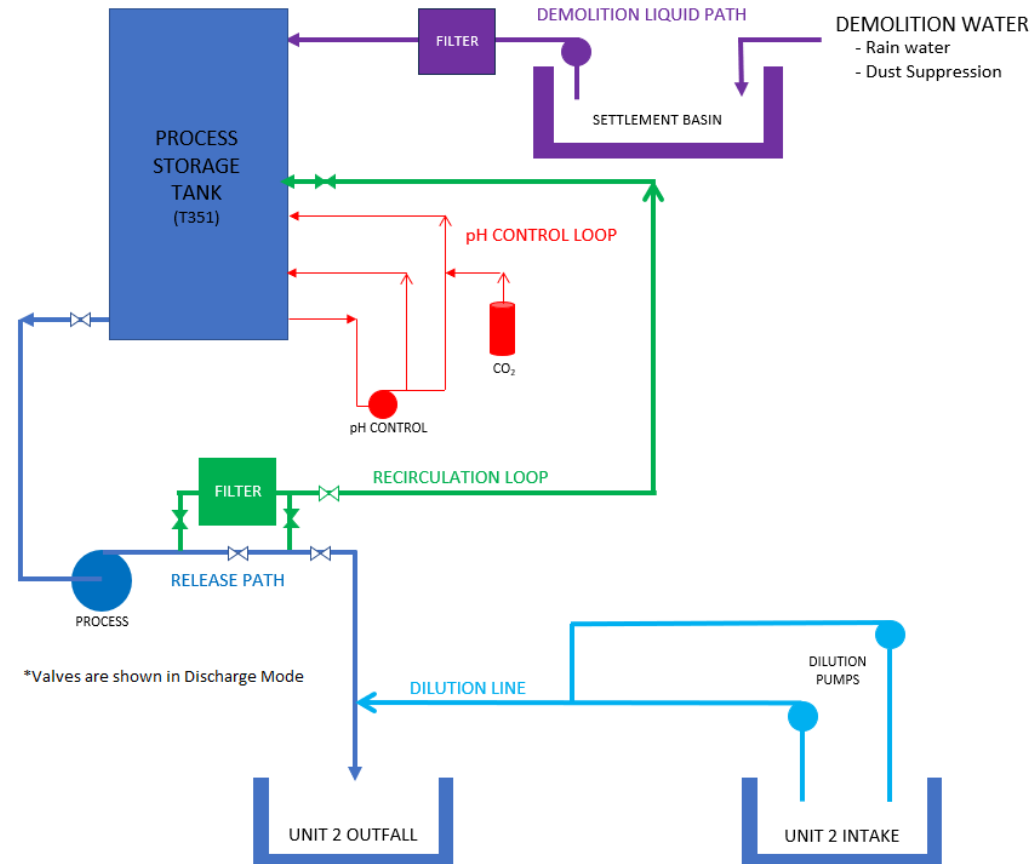


SONGS site access road facing south

SONGS Liquid Batch Release Update



Liquid Batch Releases Update



- In 2025 SONGS completed the processing of high activity spent fuel pool and reactor cavity water
- What remains now is rainwater, dust suppression water ("demolition water") and groundwater that collects in building basements undergoing demolition
- Demolition water absorbs trace amounts of radioactivity (mainly tritium) from concrete rubble
- Due to the presence of concrete, demolition water requires processing through filters and adjustment of pH, a measure of acidity and alkalinity of a liquid
- Ion exchangers and an inline radiation monitor are no longer necessary
- Processed water is sampled and analyzed prior to release to confirm NPDES discharge permit and NRC license requirements (including radiation) are met

2026 Status of Liquid Batch Releases

2026 Releases	
Release Date	Volume (Gallons)
2026 Releases	
Release Date	Volume (Gallons)
1/12/2026	121,031
1/22/2026	140,572
2/5/2026	141,841
2/20/2026	140,471
3/6/2026	127,250
6/30/2026	84,245
7/20/2026	41,229
7/27/2026	114,006
8/3/2026	147,723
8/10/2026	149,620
8/17/2026	136,668
9/3/2026	67,365
9/17/2026	149,113
Total to Date	1,561,134
% of Annual Whole Body Dose Limit	0.0420%

- Releases pose no harm to people, or the environment as supported by decades of independent monitoring
- Trace amounts of radioactivity remaining in the water is far below SONGS NRC license requirements (<1.5 mrem/qtr. and <6 mrem/yr.)
- Trend in batch release dose is progressively lower each year (2023=0.0244 mrem; 2024=0.00616 mrem; 2025=0.000592 mrem)
- SONGS continues to provide 48-hour advance notice of batch releases via songscommunity.com
- SONGS continues to monitor the environment around SONGS following its Radiological Environmental Monitoring Program (REMP)

Understanding Release Notifications

- **CA State Lands Lease PRC 6785.1 Special Provision 29.b** mandates advance notification of NRC regulated batch releases to the ocean, specifying required information like date, duration, estimated volume and radiological characterization
- **Total Dose** is the dose to a member of the public based on radioactivity concentration in the estimated water volume to be released
- **% of Annual Whole Body Dose Limit** represents the cumulative dose for all releases in a calendar year, with a dose limit of 6 mrem/year for liquid releases
- SCE voluntarily updates information on releases post-completion, beyond the requirements of special provision 29.b
- Occasionally the volume of a completed release may be significantly lower than was planned. In such cases, the total dose of the release would be proportionally lower than estimated
- As a practice SCE does not update the total dose value on its website for completed releases because the total dose is already very small
- The **% of Whole Body Dose Limit** is reconciled monthly based on the actual release volumes and doses from the prior month

Release Notification

Notice Date: September 15, 2026

Est. Start Date: September 17, 2026

Volume: 149,113 gallons

Duration: 13 hours

Status: Complete

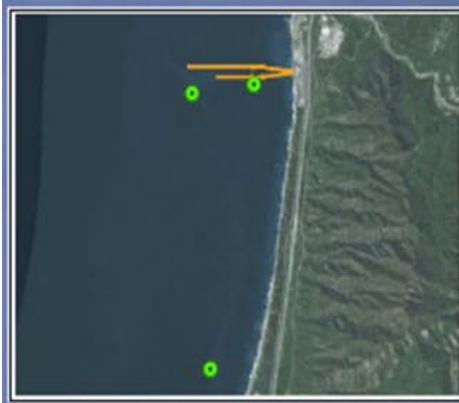
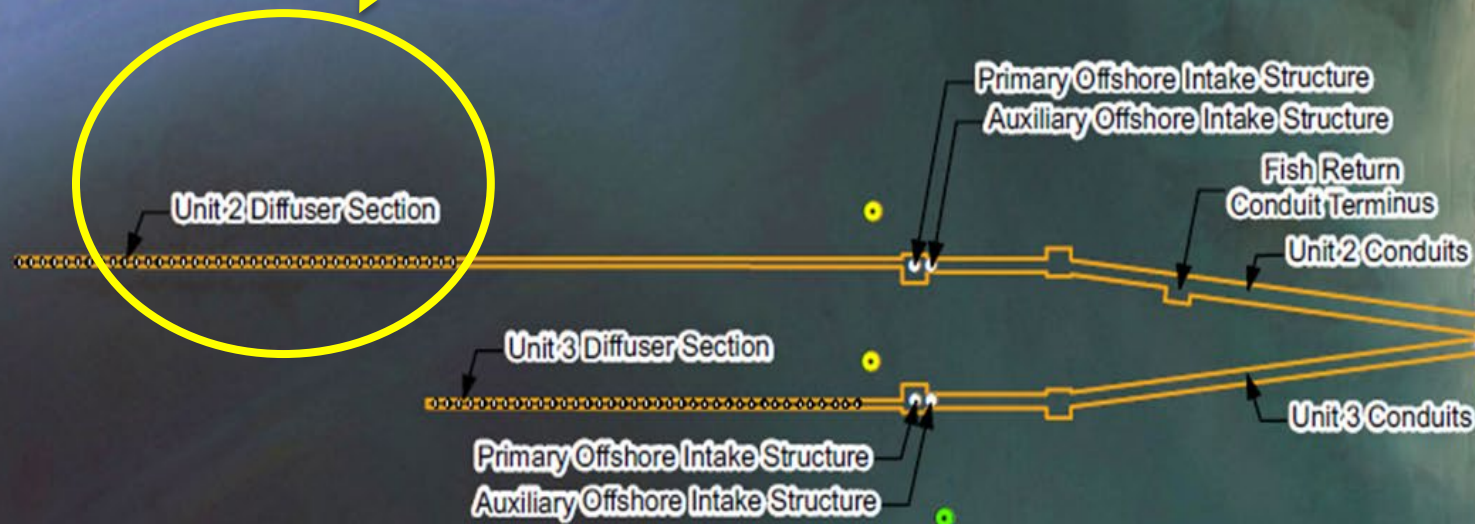
Characterization:

Total Dose: 0.00000295 mrem (2.95×10^{-6} mrem)

% of Annual Whole Body Dose Limit:
0.042%

(Note: This percentage is estimated and cumulative for all releases in 2026, based on a limit of 6 mrem/year for liquid releases.)

After cleanup and dilution, discharge starts
>1 mile offshore and 50 feet below surface



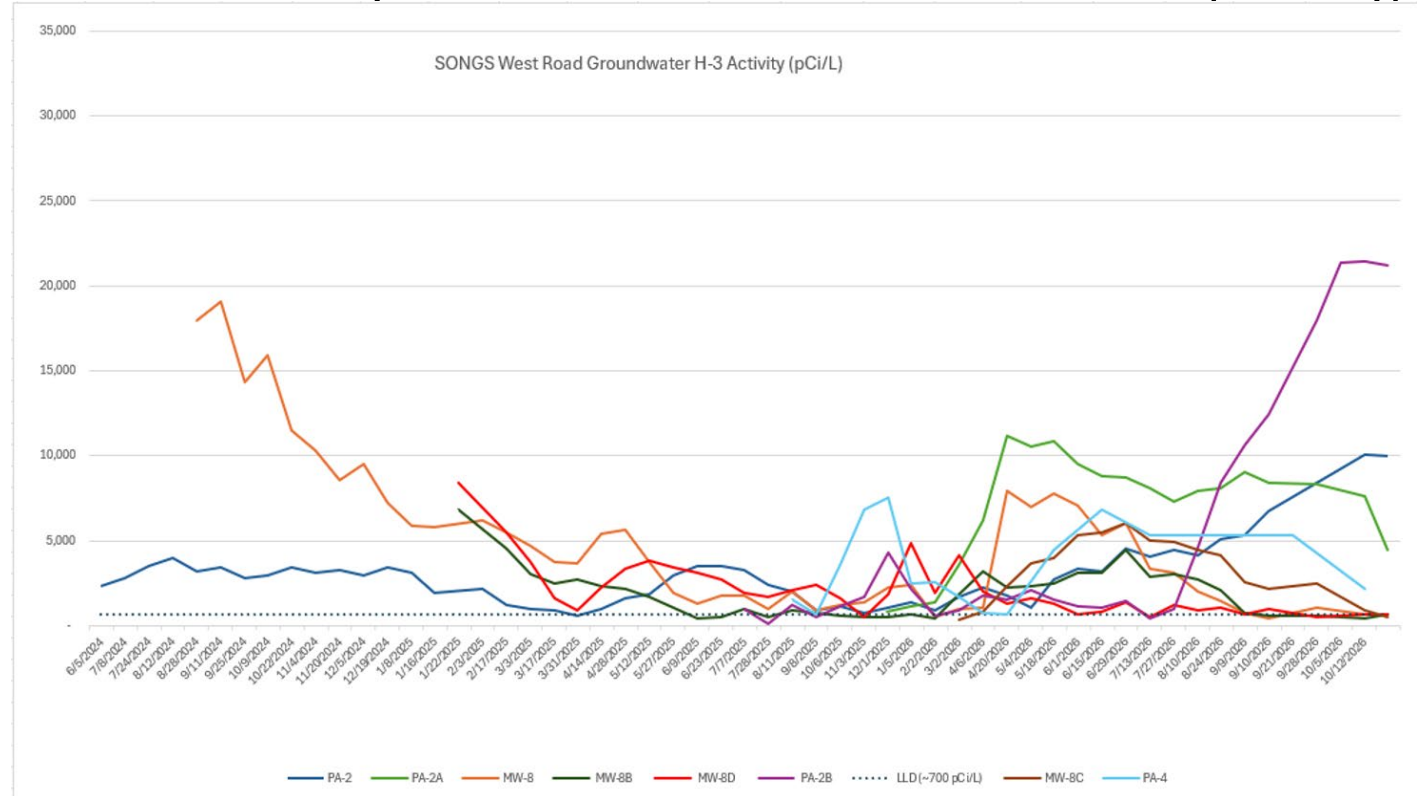
Pacific Ocean

SONGS Tritium Monitoring Update

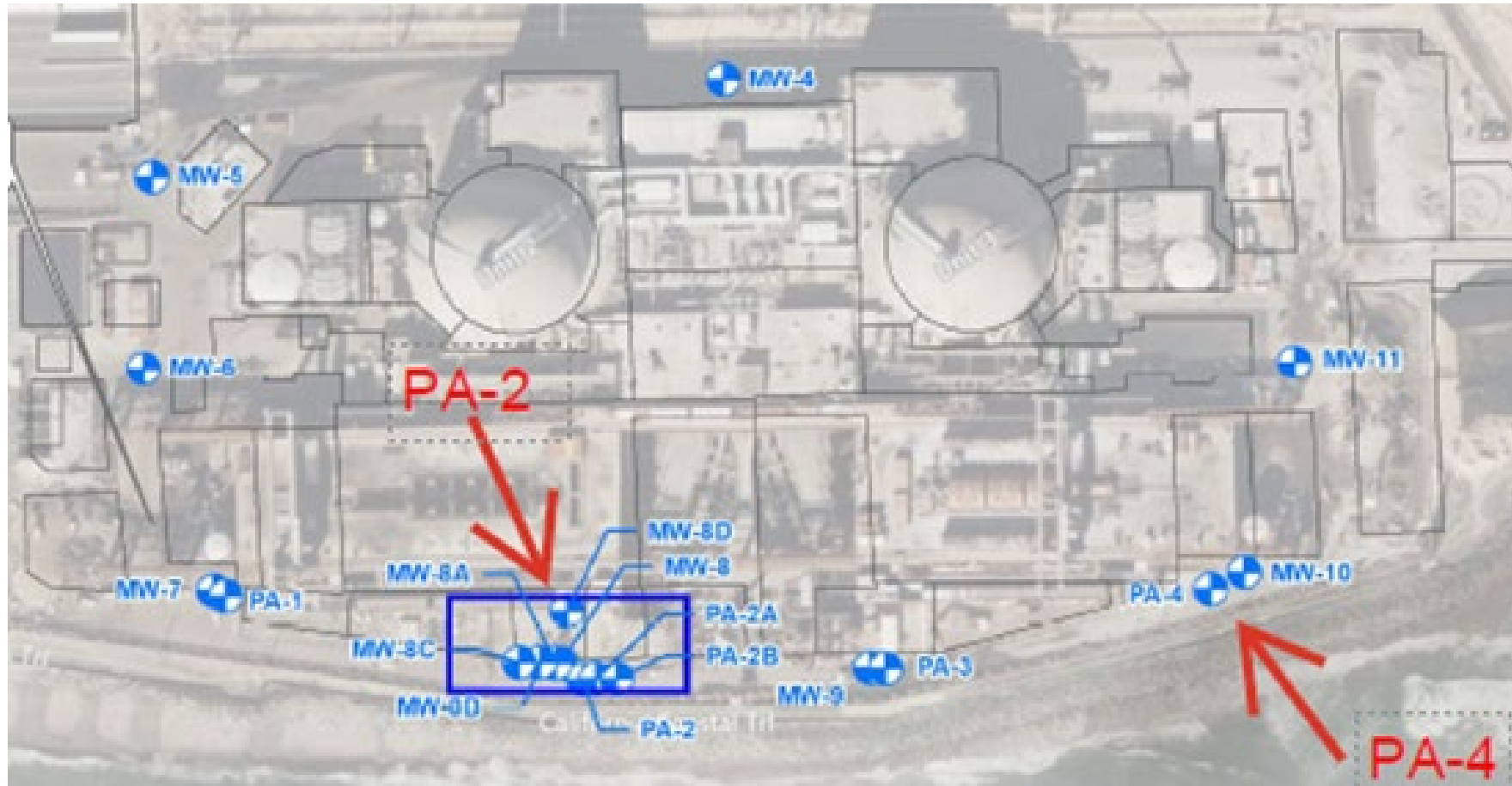


Groundwater Tritium Monitoring (H-3) Update

- Tritium levels in groundwater beneath San Onofre were low upon detection in summer 2024, pose no risk to public health, and remain well within safe limits and are being closely monitored.
- A specialty contractor was engaged to evaluate an upward trend observed for well PA-2B. The contractor is evaluating the overall tritium trend and site hydrology.



Groundwater Monitoring Well Locations



Recent Storms, Kelvin Waves, and Sea-Level Rise



Recent Storms

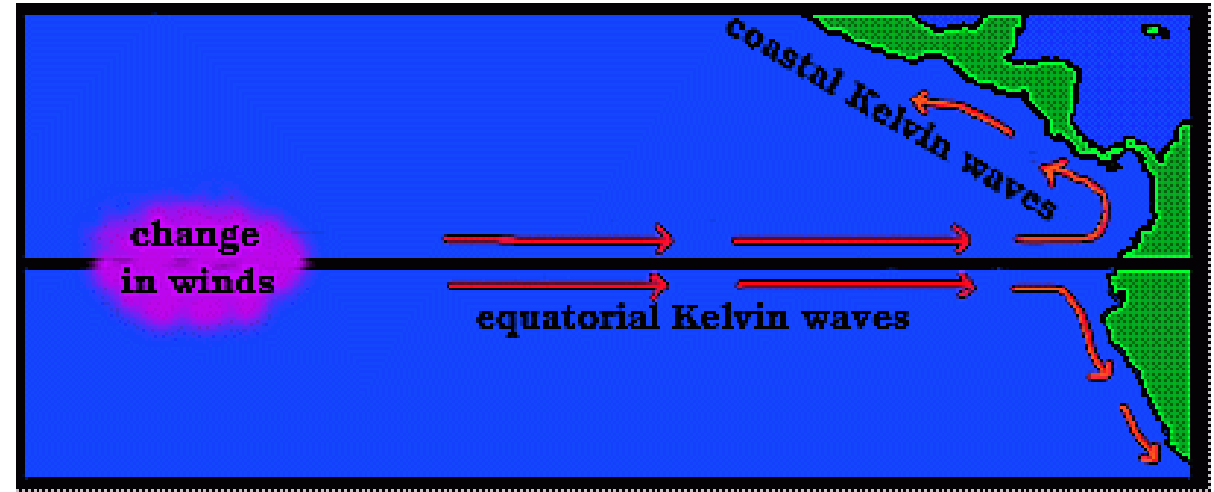
- Summer storms brought larger-than-normal waves for an extended period of time in 2026
- The news reported that many public beaches lost significant sand
 - Several community beachside slopes lost some material
- However, SONGS facilities are protected by a seawall, walkway, and rip-rap (revetment)
 - The waves were dissipated mostly by the rip rap
- No damage to the SONGS plant from summer storms or the recent tropical storm "Rachel"



Figure 3-8. Trimble SX10 scanning total station.

Kelvin Waves

- Kelvin wave(s) are in the news
- Kelvin waves are normal and common
- Occasionally they are stronger, like 2026
- Strong Kelvin waves are part of the El Nino effect
- They move water across the Pacific ocean as shown in the illustration.
- Even strong Kelvin waves are small, only 6-12 inches, but they cover large areas and move a lot of warm water
- They don't break on the beach like normal waves.
- Kelvin waves are evaluated in the SONGS Tsunami analysis and will have no effect on the plant.



Sea Level Rise Monitoring

- SCE assesses and reports the potential impact of SLR using California Ocean Protection Council (OPC) SLR guidance
 - Ocean Protection Council (OPC) Medium-high combined with annual, 20-year and 100-year-storm events, as well as King Tides and,
 - Quarterly ground water elevation data collected from onsite monitoring wells
- 2025 assessments and reporting conclude that
 - The Revetment (rip-rap) is in good condition and able to withstand extreme SLR through at least 2050
 - The beaches fronting SONGS have narrowed to pre-construction widths
- Note the 2024 OPC projections are lower than those from 2022. Both are shown at the right.
- Note the OPC 2018 H++ MSLR Projection is no longer included in the latest OPC 2024 Guidance

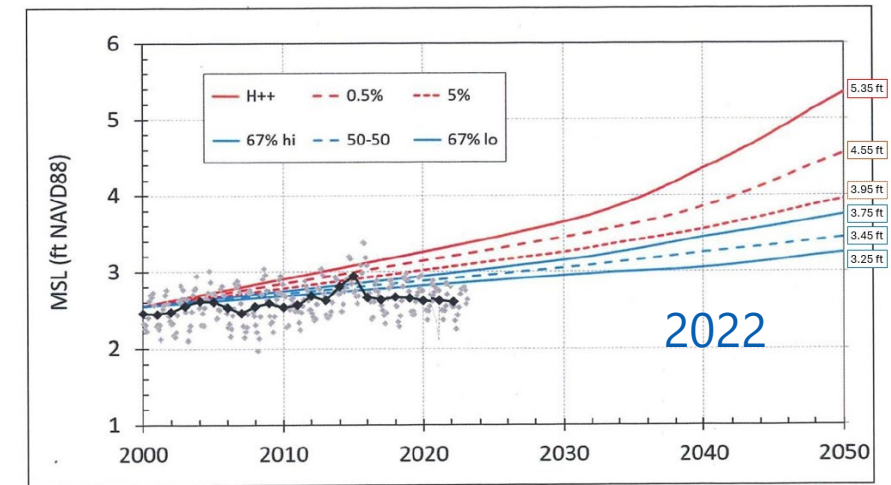


Figure 2-2: La Jolla average MSL data, 2000-2022, annual (black), monthly (grey) overlaid on OPC 2018 MSLR projections

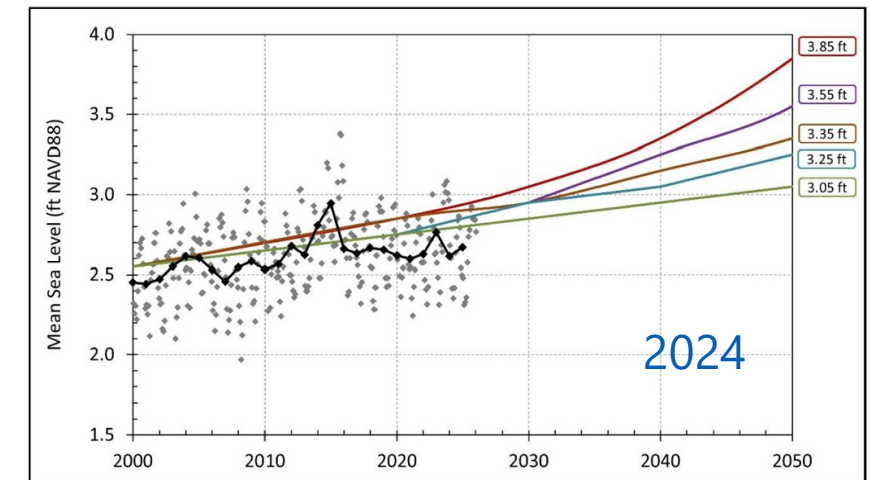


Figure 2-2: La Jolla average MSL data, 2000-2025, annual (black), monthly (grey) overlaid on OPC 2024 MSLR projections