

Community Engagement Panel and Spent Fuel Solutions Coalition
Joint Meeting

Solving the U.S. Nuclear Waste Challenge: A Dialogue on the Path Forward

Thursday, June 4, 2026

5:30 – 8:00 pm

at the Casino San Clemente and via Microsoft Teams

Link available on the CEP meeting webpage at songscommunity.com

THIS MEETING IS BEING RECORDED

Representative Mike Levin

California, 49th District

Safety | Stewardship | Engagement



Decommissioning
San Onofre
Nuclear Generating Station

Safety | Stewardship | Engagement

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 	Dan Stetson, CEP Chair Fred Bailly, SCE VP of Generation and Chief Nuclear Officer	5:30 – 5:40
Opening Remarks	Representative Mike Levin (California, 49 th District)	5:40 – 5:45
SONGS NRC Inspection	Mark Morgan, SCE Regulatory Affairs	5:45 – 5:55
Solving the U.S. nuclear waste challenge: a dialogue on the path forward <ul style="list-style-type: none"> Introductions The path forward, other reports and window of opportunity Key features for a successful U.S. nuclear waste program; lessons learned Dialogue on alternatives and strategic considerations 	Chris Wahl , Director Spent Fuel Solutions Coalition Allison Macfarlane , Professor and Director, School of Public Policy and Global Affairs, University of British Columbia Lake Barrett , Independent consultant serving both government and commercial capacities in the nuclear energy and nuclear materials management Tom Isaacs , Independent Strategic Advisor to SCE for Nuclear Waste Management	5:55 – 6:45
Break		6:45 – 6:55
Public Comment Period and Facilitated Dialogue	Manuel Camargo	6:55 – 7:55
CEP and SCE Closing Comments	Dan Stetson Fred Bailly	7:55 – 8:00
Contents of Appendix - Read Only Topics and Reference Materials: <ul style="list-style-type: none"> CEP community update Spent Fuel Solutions update SONGS: big picture SONGS dismantlement update SONGS batch release and tritium monitoring updates 		

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
Marni Magda	Sierra Club, Angeles Chapter
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

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 in lieu of Victor and Martha

SONGS NRC Inspection

SONGS Receives Level IV Non-Cited Violation

- NRC conducted a routine inspection March 23-26, 2026*
- Identified a Severity Level IV non-cited violation
 - Lowest Severity Level issued by the NRC, but SCE considers any violation to be unacceptable
 - A low-level solid radioactive waste shipment from SONGS to the Energy Solutions (Clive) storage facility did not meet <1% liquid content requirement
- No actual consequences to public health and safety
 - No issues during transportation
- Corrective actions
 - Strengthened procedure for handling of mixed/hazardous waste onsite
 - Provided training on event causes, corrective actions, and procedural compliance

*See ADAMS – ML26140A113 for Inspection Report

Solving the U.S. Nuclear Waste Challenge: A Dialogue on the Path Forward

FACILITATOR

Chris Wahl, Executive Director, Spent Fuel Solutions Coalition

PANELISTS

Allison Macfarlane, Professor and Director, School of Public Policy and Global Affairs,
University of British Columbia

Lake Barrett, Independent consultant serving both government and commercial
capacities in the nuclear energy and nuclear materials management

Tom Isaacs, Independent Strategic Advisor to SCE for Nuclear Waste Management



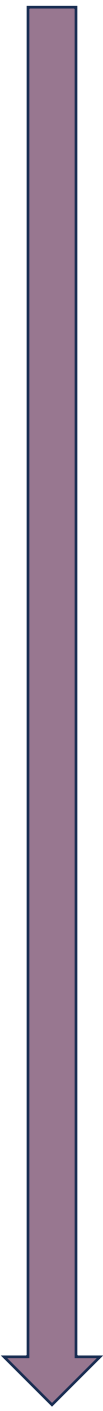


The Path Forward for Nuclear Waste in the U.S.

Allison Macfarlane and Lake Barrett

SONGS CEP/SFS Meeting

June 4, 2026

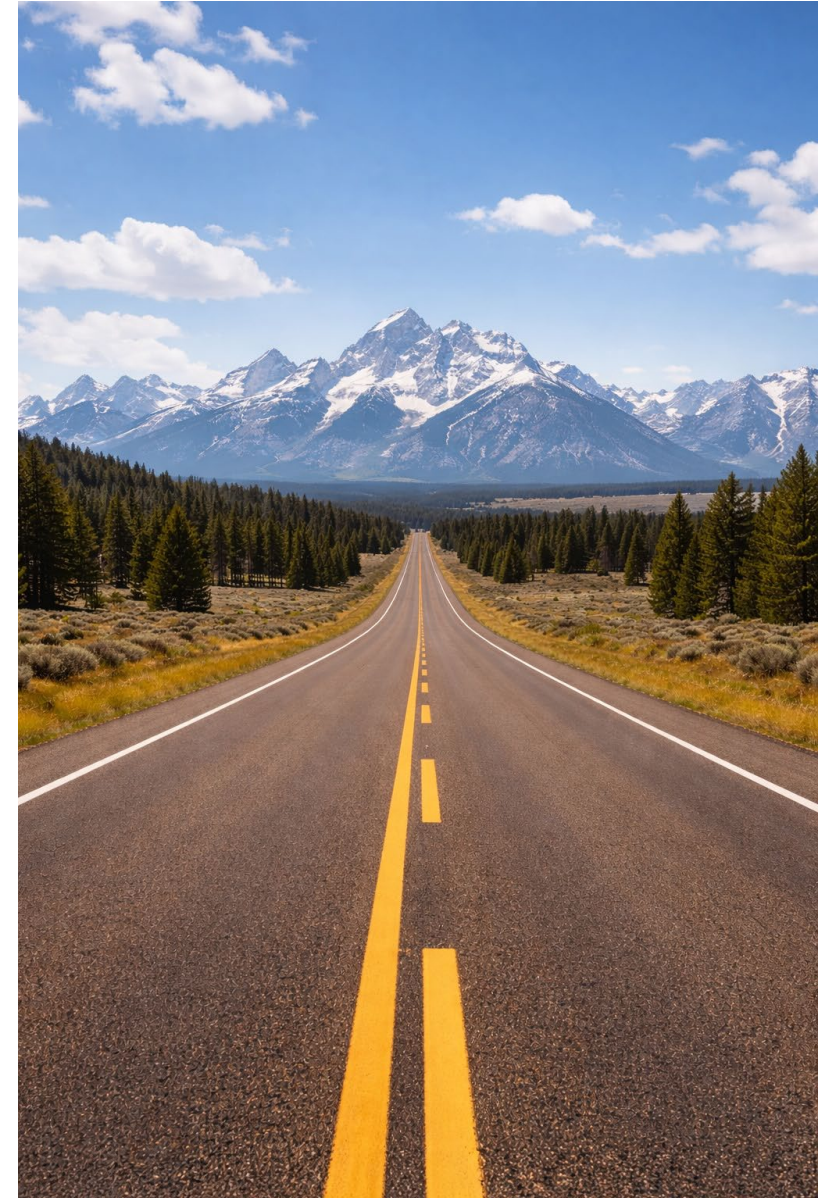


Bipartisan group

- **Kara Colton**, with Energy Communities Alliance
- **Fred Dilger**, Executive Director of the Nevada Agency for Nuclear Projects
- **Rod McCullum**, expert on used fuel in government and industry
- **Timothy E Smith**, was staff on Senate EPW, counsel for industry associations
- **Jack Spencer**, author of Nuclear Revolution, Heritage Foundation
- **Mary Anne Sullivan**, was General Counsel, DOE; now represents utilities in private practice
- **Thomas Webler**, Senior Research Fellow at Social and Environmental Research Institute
- **Heather Westra**, works with Federally recognized Indian Tribes
- **Greg R White**, former Executive Director of National Association of Regulatory Utility Commissioners

Our Solution

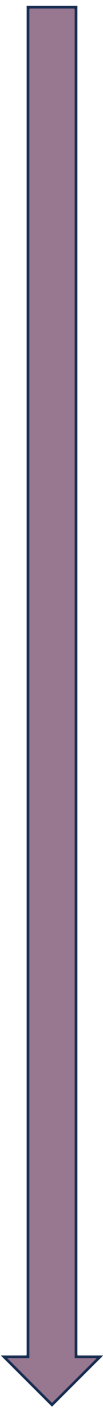
- The two most important factors to make progress:
- A new implementer
- Fix the funding



The Implementer

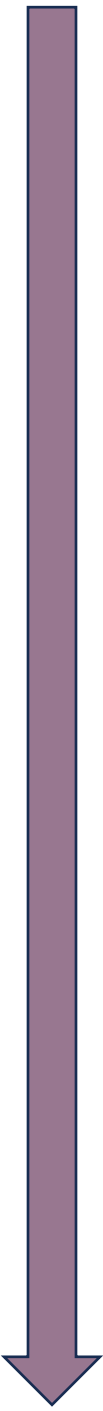
- Need a trusted, funded, single-focus organization
- DOE
 - Lacked public trust
 - Constrained by political processes
- Based on success elsewhere and past studies, we suggest a NuCorp as implementer (*Nuclear Corporation*)
- Nuclear reactor-owner-led corporation





The Implementer

- NuCorp would manage, transport, store, and dispose of commercial spent fuel
 - Could contract with new reactors for disposal
 - Would be obliged to dispose of DOE owned waste (subject to a mutually acceptable contract)
- NuCorp would
 - use a collaborative siting process
 - enter into a hosting agreement with the state and local govt and Indian Tribe (if on their lands)
- Board of Directors
 - NuCorp would be governed by a board of directors
 - members selected by operating and decommissioned plants
 - Board would determine future waste disposal fees, if needed



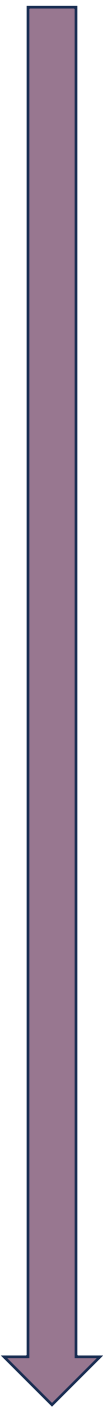
Independent Oversight

- NuCorp - an organization formed in the public interest, subject to independent oversight
- Legislation would require establishment of an Advisory Committee that would
 - Oversee NuCorp's activities
 - Regularly report to Congress and the public
 - Have diverse membership – technical, academic experts, state, local, Tribal representatives.
- Advisory Committee would hold regular hearings to monitor progress towards disposal
- NuCorp would require-NRC licensing for its disposal facility as well as any temporary storage facilities

Fixing the Funding

- Funding Problems
 - Nuclear Waste Fund (est'd by NWPA) is now \$50 billion
 - Dedicated fund paid by electricity customers but treated like tax dollars
 - Appropriations are subject to Graham-Rudman-Hollings Act
 - Currently used by Congress to offset the debt
 - Breach of contract against DOE under NWPA resulted in a ruling for a Judgment Fund – taxpayer money to reimburse reactor owners
 - To date, paid out \$12 billion to store spent fuel
 - \$40 B, or more, is projected to be spent in future





Fixing the Funding

- NuCorp must have assured funding when it needs it
- Interest from NWF (\$1.8B/yr) should go to NuCorp
 - Any unused funds go into an escrow account
- Essential that NWF monies be used solely for purpose of waste disposal and preparation for disposal

Linkage between temporary and permanent storage

- NuCorp would be allowed to operate a temporary storage facility – as long as it has adequate funds to do so AND
- NuCorp would have to limit the amount of spent fuel it could accept for temporary storage to ensure that the temporary facility does not become permanent



Conclusions

- The nation benefited from electricity and security that created this waste
- It is time to act to make progress towards a repository
- The old method does not work: a constrained federal agency cannot make needed progress
- Let the experts – those who already manage this waste – align financial and management incentives to dispose of spent fuel: NuCorp
- New legislation needed to fix the implementer and financing of nuclear waste disposal



Navigating The Path Forward Opportunities

SONGS CEP/SFS Meeting

San Clemente, CA

June 4, 2026

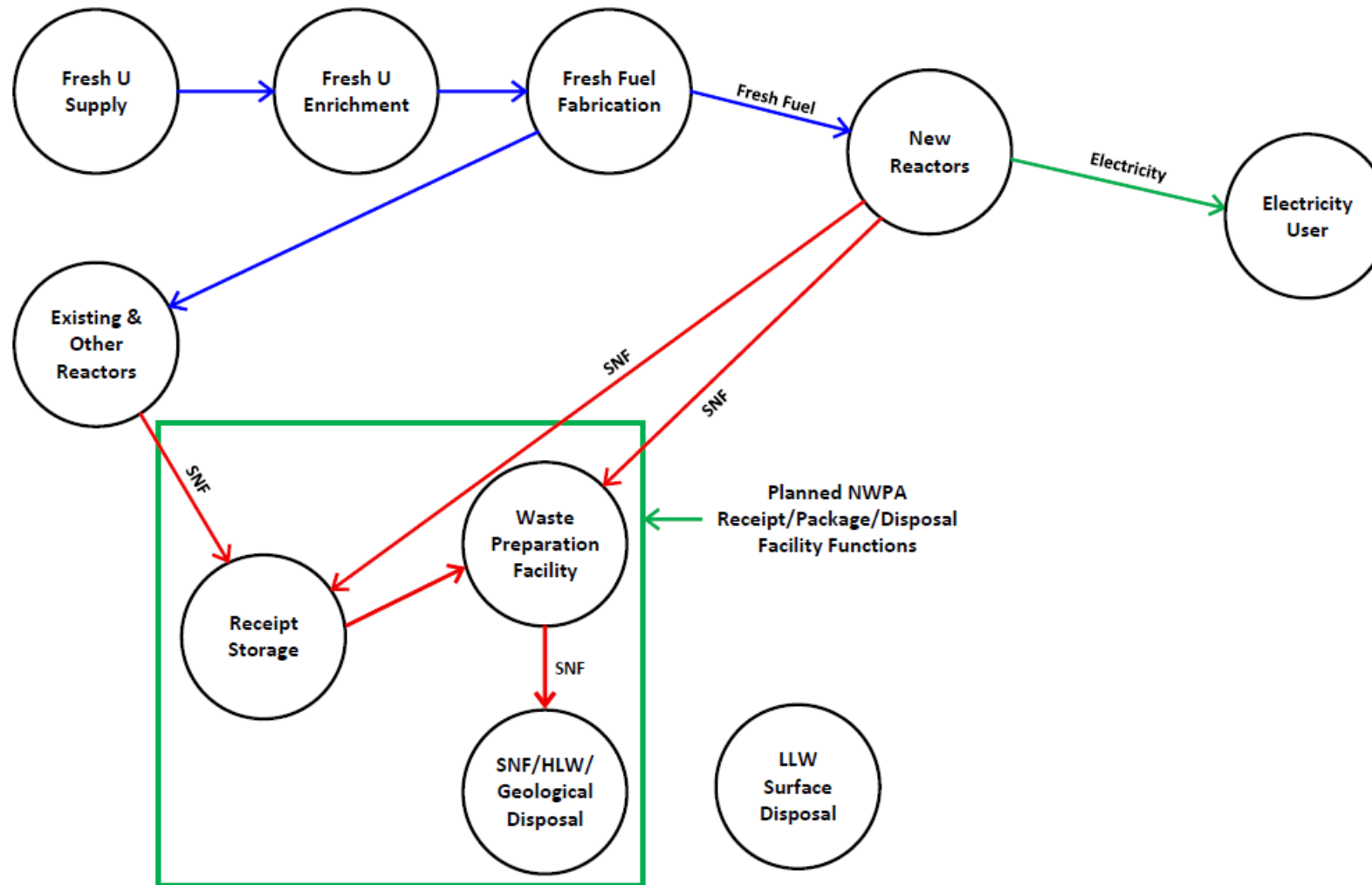
Lake Barrett

Lake@Lbarrett.com

Previous US UNF Statutory Policy Plan

Planned US Nuclear Energy Fuel Cycle

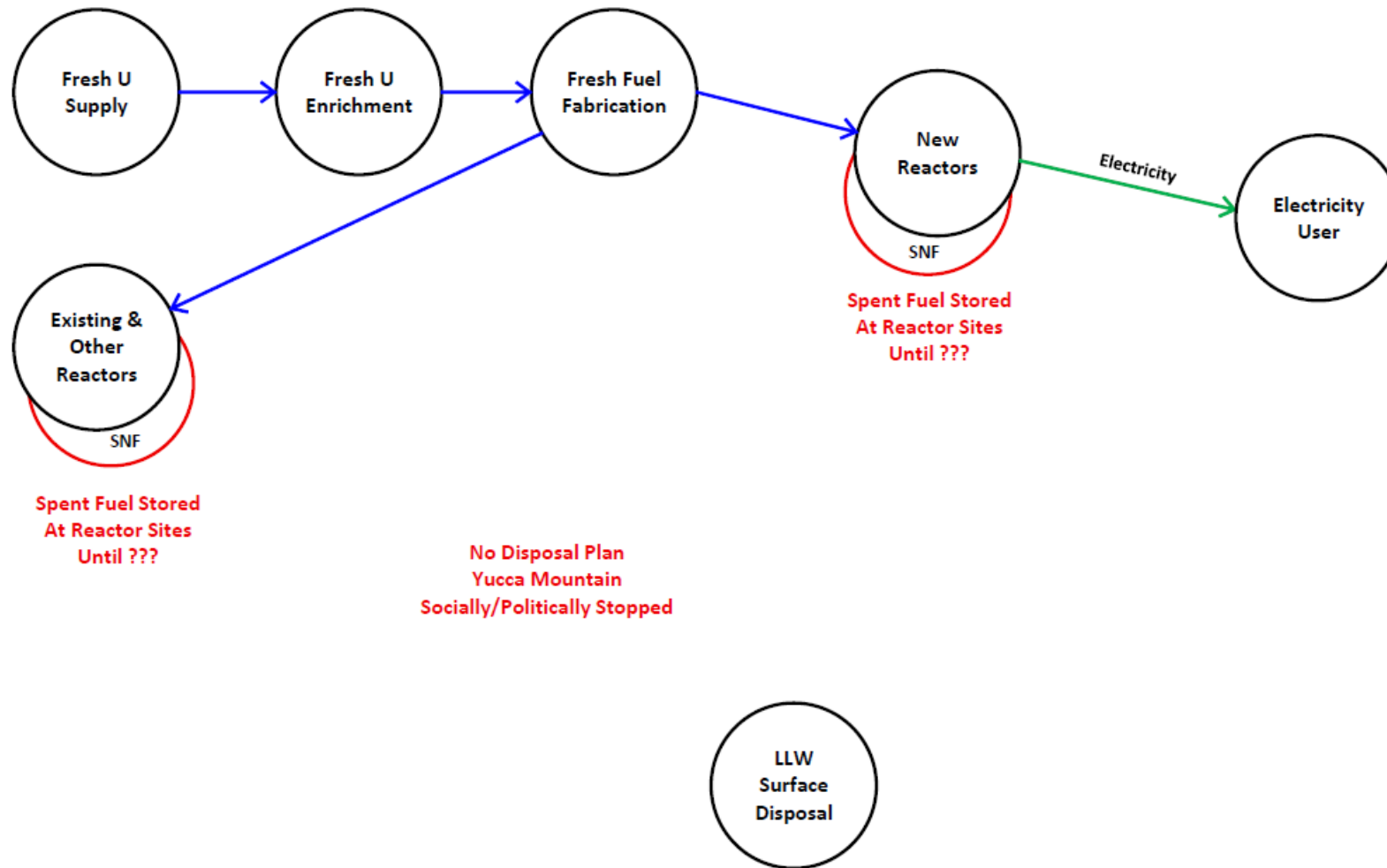
(Assuming Nuclear Waste Policy Act Implementation)
Recycling Allowed-But Not Economical
1983-2010



Current De Facto US UNF Policy

Current US Nuclear Energy Fuel Cycle

(No Functional Nuclear Waste Policy Act Implementation)
2010 - ????



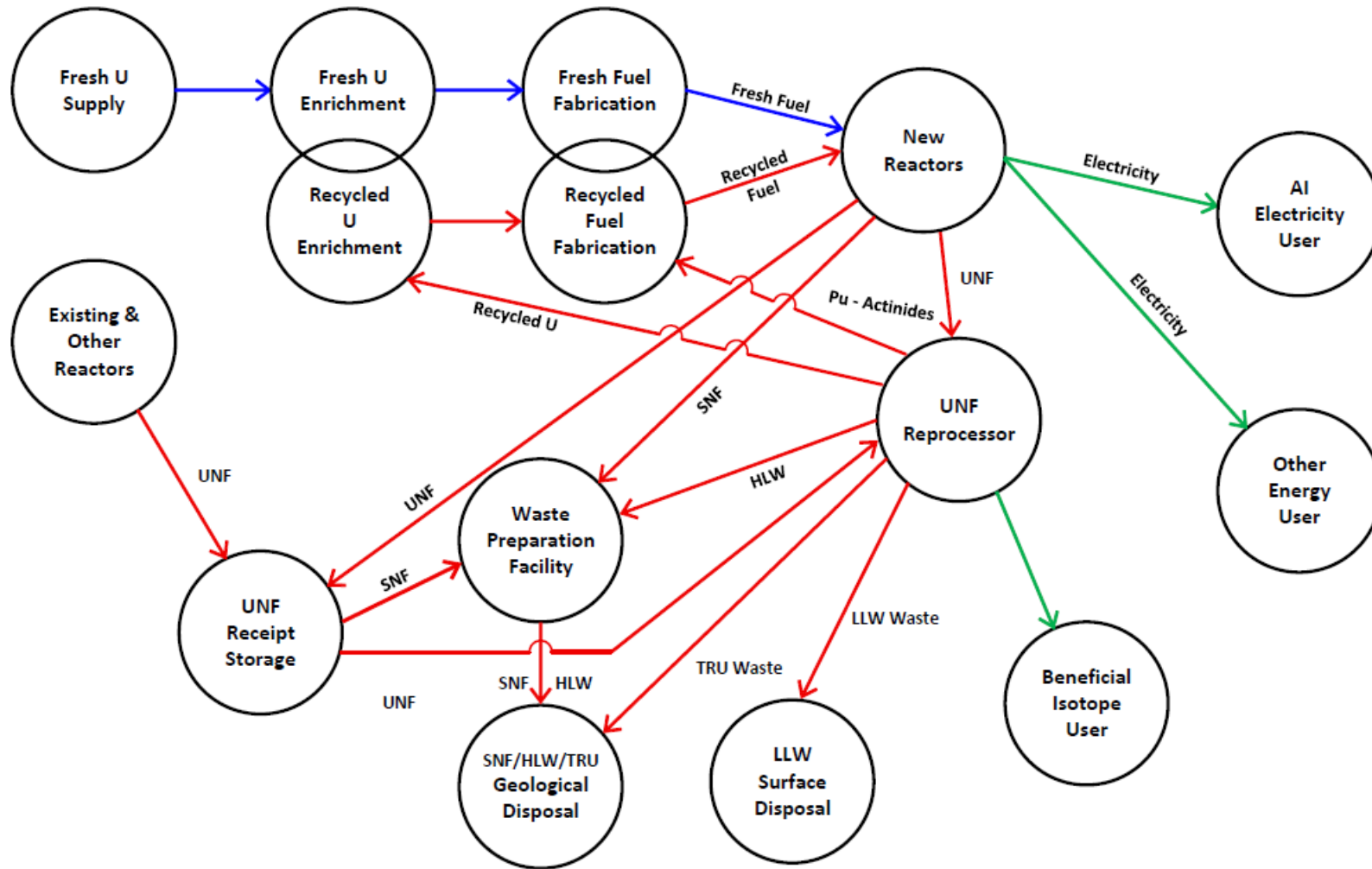
Nuclear Lifecycle Innovation Campus(es) Approach

- **Policy shift to private industry led solution from government**
- **Business driven**
 - AI society drives nuclear electricity which,
 - Drives supporting fuel cycle which,
 - Drives comprehensive state hosting agreements
 - Including “disposition” and disposal?
- **Anticipates mostly recycling waste stream?**

This Is Envisioned 2026 DOE US UNF Policy

Possible Future US Nuclear Energy Fuel Cycle (If Economically Feasible)

20??

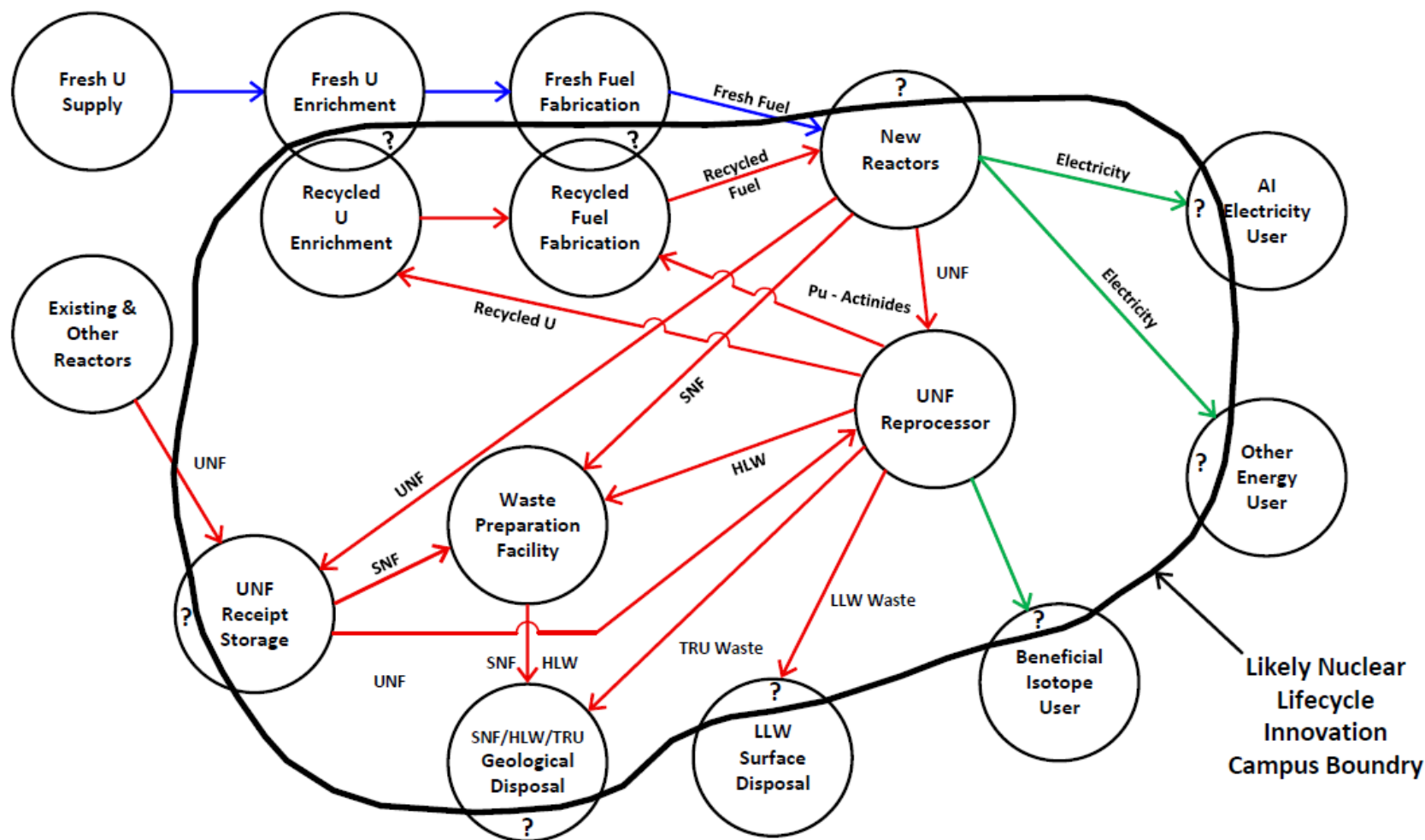


Mutually Agreed Upon Nuclear Facility Sites & Future Commitments

Possible Nuclear Lifecycle Innovation Campuses

(Function of Host State/ Private Industry/DOE Negotiations)

20??



Facilities and Boundaries Determined by Federal, State, Community, and Private Commercial Partnership Agreements

First Step:

- DOE engagement with states, communities, private companies, and other government agencies to try to reach general agreements for one or more Nuclear Lifecycle Innovation Campuses & functions
- Complex social / political, legal, economic, and financial interactions among the parties
- Trust and performance

Second Step:

- Will be to forge general hosting and performance agreements into durable sustainable legal partnership arrangements satisfactory to all parties
- Many mutually beneficial staged options available based on federal, state, community, and private commercial partnership needs and desires
- Likely several complex sustainable multi-organizational partnership agreements will be required for mutual beneficial satisfaction
- Keep a meaningful passive geologic disposal capability functional for all radioactive wastes

Third Step:

- Will be to work with Congress to enable the agreements with appropriate supportive actions
- Amendments to existing law, e.g. Nuclear Waste Policy Act, as necessary and when needed
- Sustainable durable agreements likely must be enabled by bipartisan statutory amendments

Final UNF Policy Change Steps

- Implement sustainable durable agreements that are enabled by contracts, legal settlements, and statutory amendments that;
 - Minimize disruptive future federal and state election impacts
 - The PATH FORWARD FOR NUCLEAR WASTE IN THE U.S. Report (January 2026) may facilitate this process by transferring NWPA implementation from DOE to a nuclear industry led NuCorp to implement our national waste disposal functions
 - Follows the successful management structures in other countries and minimizes negative impacts from constant U.S. 2, 4, and 6 year federal election cycles

Forthcoming National Dialogue

- Will be dynamic with many complex unresolved interrelated issues
- Administration is proceeding aggressively
 - Spent fuel removal / disposal is just a sub-element
- Many new private industry players
 - Degree of success is unknown
 - Future economics are critical
 - Cultural shift is significant
- 26 states have responded
 - Wide variation with complex social/economic/political considerations
- Most promising opportunities for possible SONGS used nuclear fuel removal in decades-**BUT???**

Key Features for a Successful U.S. Nuclear Waste Program; Lessons Learned

SONGS CEP/SFS Meeting

San Clemente, CA

June 4, 2026

Tom Isaacs

thomas.h.isaacs@gmail.com



Considerations

- **There have been numerous studies beginning with the BRC - Broad agreement on needs**
 - Independent organization with single mission
 - Access to reliable, adequate funding
- **Key qualities**
 - The more independent the better - from elections and administration changes
 - The fewer demands the better - go slow to go fast
 - Ability to take advantage of the stars aligning - flexibility in timing and pace
 - Must be a trust-earning and trust-building organization
- **Key features for a successful organization**
 - Stable over long time periods
 - Able to recruit, compensate and retain top quality expertise
 - Focus on mission with adaptability, flexibility
 - Must be unambiguously motivated and incentivized to do the job
 - Driven by fundamental, unwavering objective

Legislation and the New Organization

- **Key considerations**

- Can you get it enacted into law?
- Must be focused and dedicated to solving the problem effectively and efficiently
- Cannot have competing interests or perceptions
- Be prepared to negotiate - have three buckets

- **Challenges to creating an effective private organization**

- BRC members questioned ability to enact legislation
- Industry cohesion and commitment
- Potential perceived diversity of interests and desired outcomes
- Key talents required for siting are "ologies" and sociopolitical/engagement

- **Linkage between storage and disposal**

- There should be one; it should help siting both
- Host for storage facility should have strong role in defining linkage
- Empowering storage facility host can drive success
- For the right communities, being a host is a major benefit

We know what we have to do; we know we have to do it

Solving the U.S. Nuclear Waste Challenge: A Dialogue on the Path Forward

Chris Wahl, Executive Director, Spent Fuel Solutions

Safety | Stewardship | Engagement



Decommissioning
San Onofre
Nuclear Generating Station

Safety | Stewardship | Engagement

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:

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Comments and questions will be addressed in the order received

Manuel Camargo of SCE 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

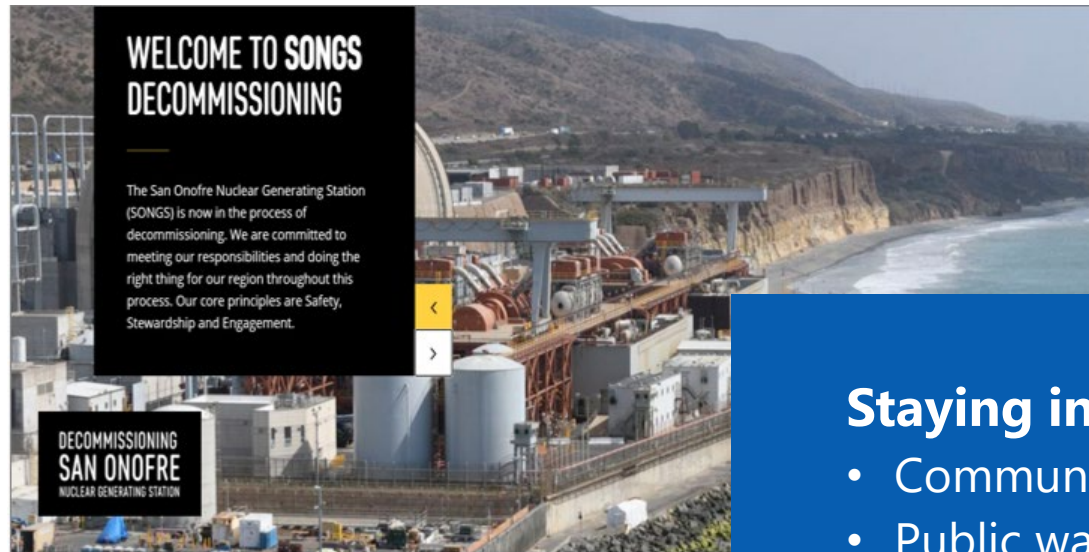
CLOSING COMMENTS

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



2026 CEP Meetings and Topics

(subject to change)

Preliminary Focus Topics	Dates
1Q CEP Regular Meeting Department of Energy: High Burnup Research Cask Transportation Project	March 19
2Q CEP/Spent Fuel Solutions Coalition Joint Meeting Solving the U.S. Nuclear Waste Challenge: A Dialogue on the Path Forward	June 4
3Q CEP Regular Meeting DOE Canister Monitoring Demonstration Project at SONGS	August 27
4Q CEP Regular Meeting SONGS Dismantlement Update by San Onofre Decommissioning <i>Solutions</i>	November 5
CEP Member Consultation Meeting	December 9

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 Materials

- CEP Community Update
- Spent Fuel Solutions coalition update
- SONGS: Big Picture
- SONGS dismantlement update
- SONGS batch release and tritium monitoring updates



General Community Update

CEP Community Updates

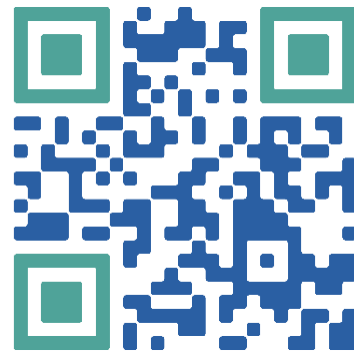
- During the 1Q CEP meeting, Rudy Salazar invited SCE leaders to visit his property in Randsburg, CA, where Salazar hopes to store the state's spent fuel
- SCE leaders toured the Randsburg Project property on May 5, 2026
- SCE supports all safe, fiscally responsible options for offsite storage and disposal, including the Department of Energy's initiative to develop "Innovation Campuses" in states willing to host them



Fred Bailly, SCE VP of Generation and Chief Nuclear Officer, and Jerry Stephenson, SONGS Engineering Manager, listen as Rudy Salazar shares information about his 58-acre site in Randsburg



Coalition Update



Coalition Activities

- One of the Department of Energy's (DOE) collaboration-based siting consortia, led by the Keystone Policy Center, participated in our second-quarter webinar on May 7
- The webinar provided an overview of their outreach activities and feedback received from communities across the country, including engagement with the SONGS CEP
- Spent Fuel Solutions also launched a revamped website and has been closely monitoring DOE's Request for Information on Nuclear Lifecycle Innovation Campuses, which received responses from 26 states
- We are looking at dates in September for a potential advocacy trip to Washington, D.C.

Thomas Webler

What communities told us: Concerns & Barriers

1	Unclear federal intent	<i>"What is DOE actually asking us to host? A CSF? A DGR? Reprocessing? We can't say yes to something undefined."</i>
2	Fear of 'de facto' permanence	<i>Once SNF moves to a CSF, political pressure to build a DGR will evaporate — we'll be stuck with it permanently.</i>
3	Environmental justice	<i>Economically distressed communities may feel coerced. Lower economic bar for acceptance ≠ genuine consent.</i>
4	Jobs may not materialize	<i>Benefit promises often aren't honored. Communities want accurate, honest projections — not promotional claims.</i>
5	SNF already feels safe nearby	<i>Communities near ISFSIs don't necessarily see urgency. Reframing the safety narrative is required.</i>

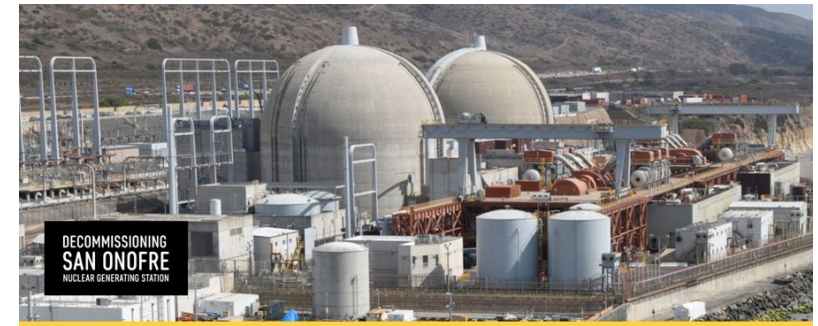
Opportunity: communities with existing nuclear experience are more pragmatic and often more open-minded

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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 on Schedule for Completion by end of 2028

SONGS Dismantlement Update



Safety Overview

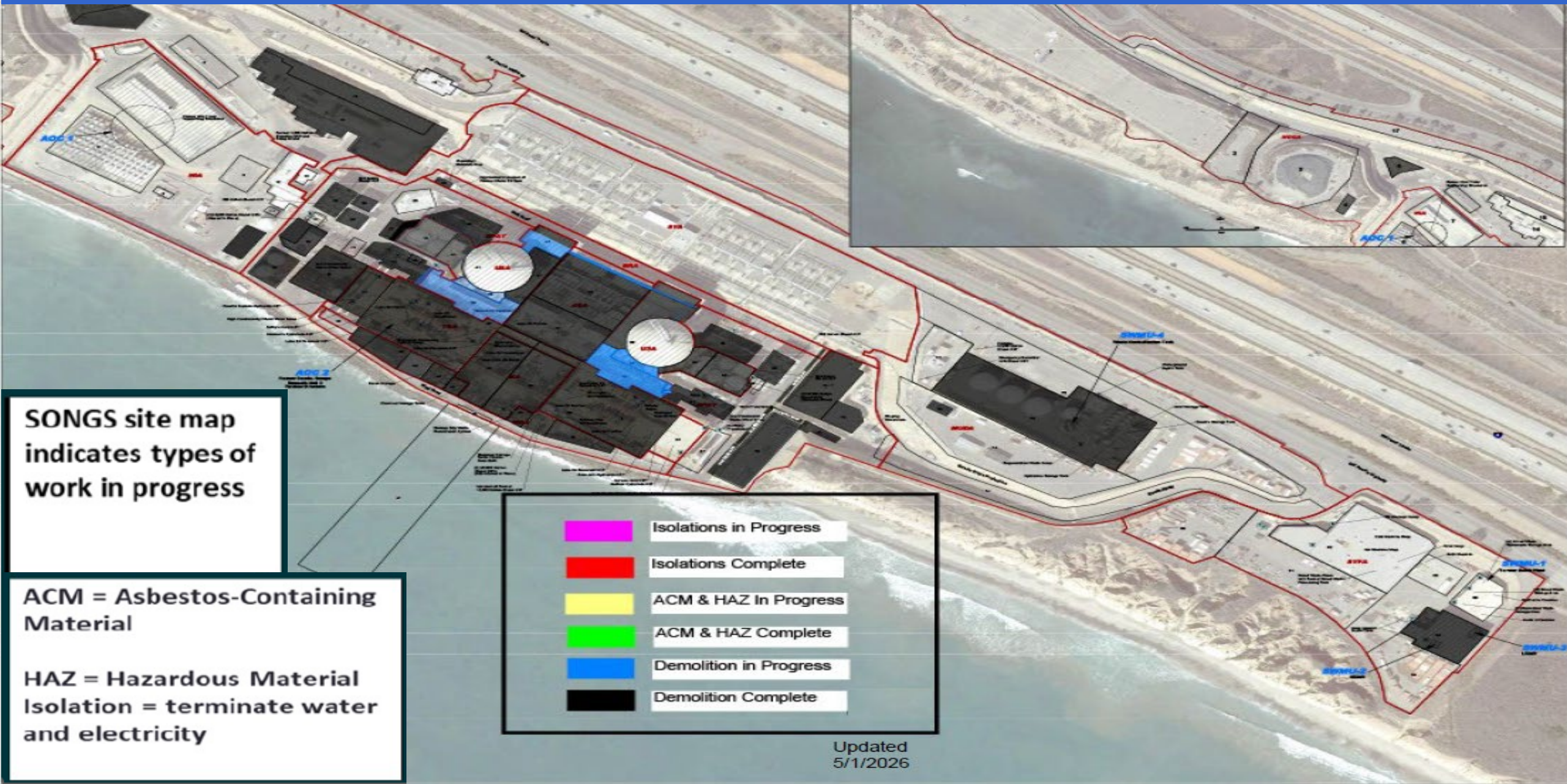
Industrial Safety

- Safety culture remains focused on compliance with programs and procedures
- Emphasis on effective pre-job briefs, hazard identification and situational awareness
- Positive safety metrics with zero OSHA Recordables for > 12 months
- One close call / near miss incident in 2026
 - Unsecured electrical panel cover fell approx. 15' in U2 Containment due to building vibration from demolition equipment

Radiological Safety

- ALARA annual dose goal of 44 rem
- Focus on radiological best practices and regulatory compliance

Decontamination and Dismantlement (D&D) Progress Map



SONGS Post-Phase 2 Decommissioning

At completion of current phase of decommissioning, only independent spent fuel storage installation, switchyard, drainage basin, and seawall (walkway and rip-rap) remain

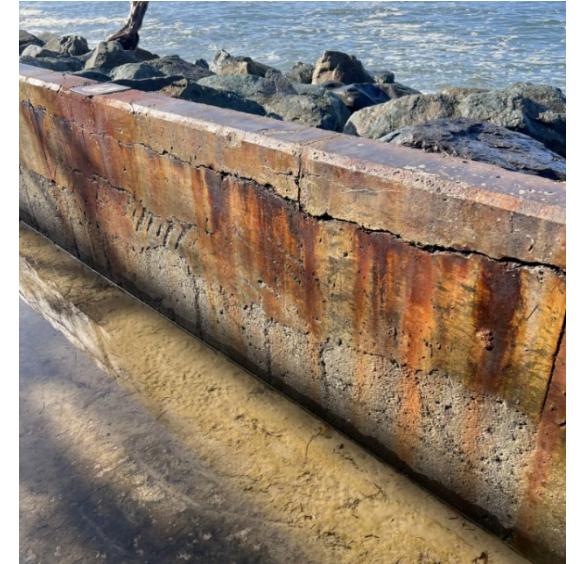


Upcoming Improvements to the SONGS Public Walkway

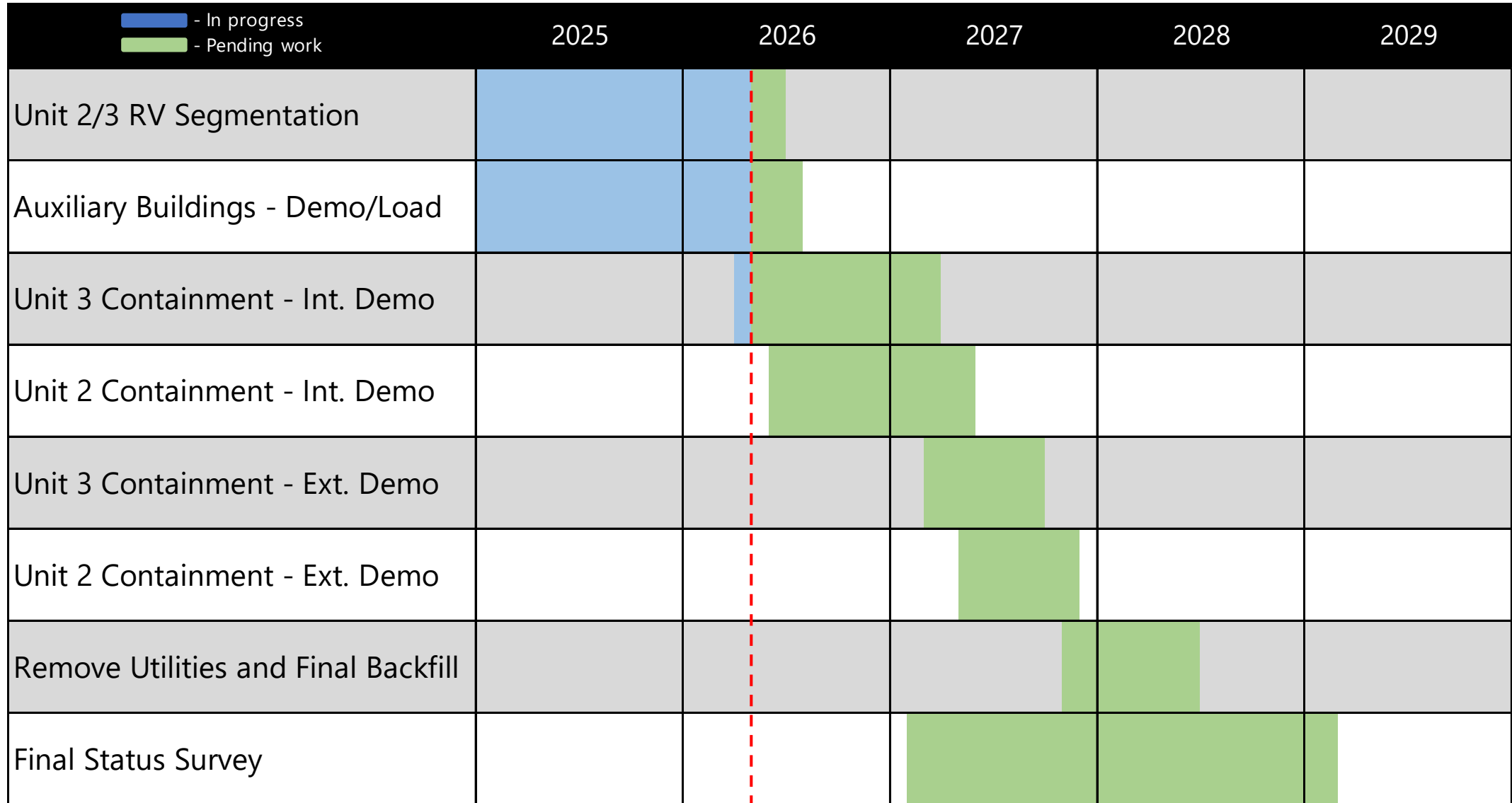
- Improvements to the beach walkway that provides public access between the San Onofre State Beach North and South will begin early this summer.
- Work is anticipated to start in early June and includes demolition and repairs to the pedestrian retaining wall between points A and D shown below. Work is expected to be complete by 1Q 2027.
- Efforts will be made to minimize closure of the walkway during this time. However, when necessary, signage will be posted in advance at the state park entrance and at the walkway.
- All work is done in accordance with the California Coastal Development permit for the SONGS site.
- The adjacent seawall remains in good condition and is not within the scope of this project.



Rip Rap



Dismantlement Project Schedule: Key Activities



Demo – Demolition
 Ext. – Exterior
 Int. – Interior
 RV – Reactor Vessel

Key Decommissioning Activities

Controlled Building
Demolition

U2 Reactor Vessel
(RV) Segmentation

U3 Containment
Interior Demolition

Controlled Building Demolition



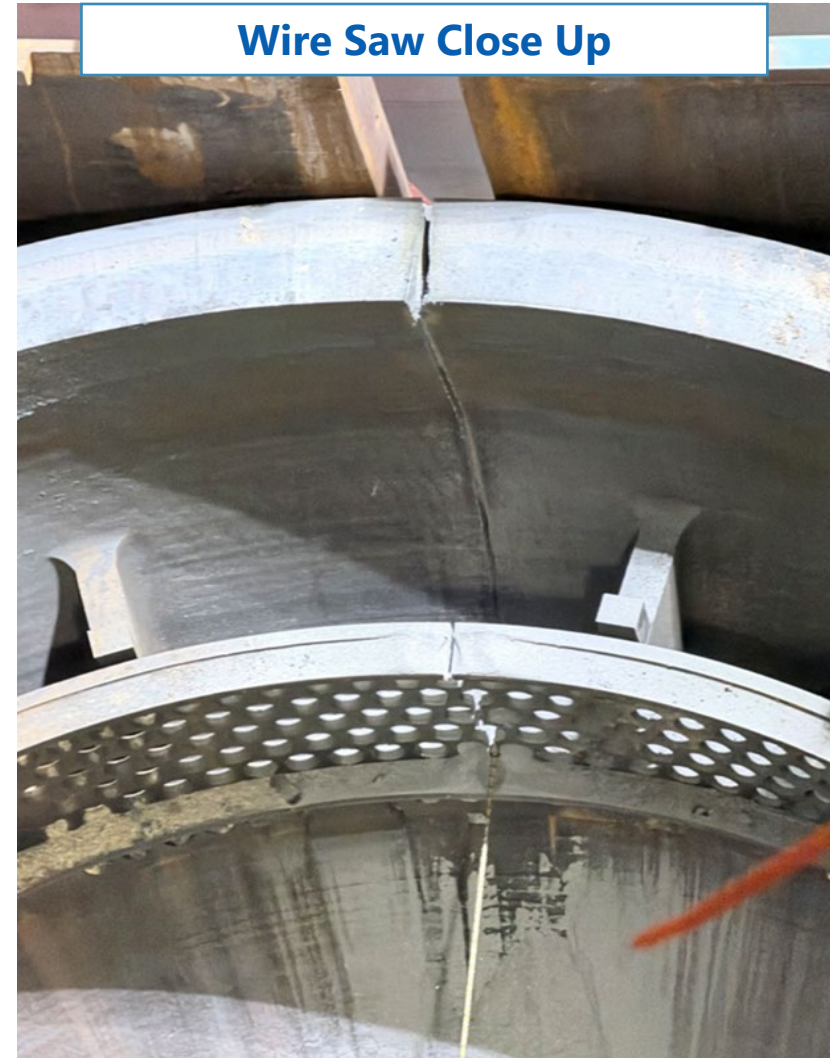
U2 Safety Equipment Building Demolition



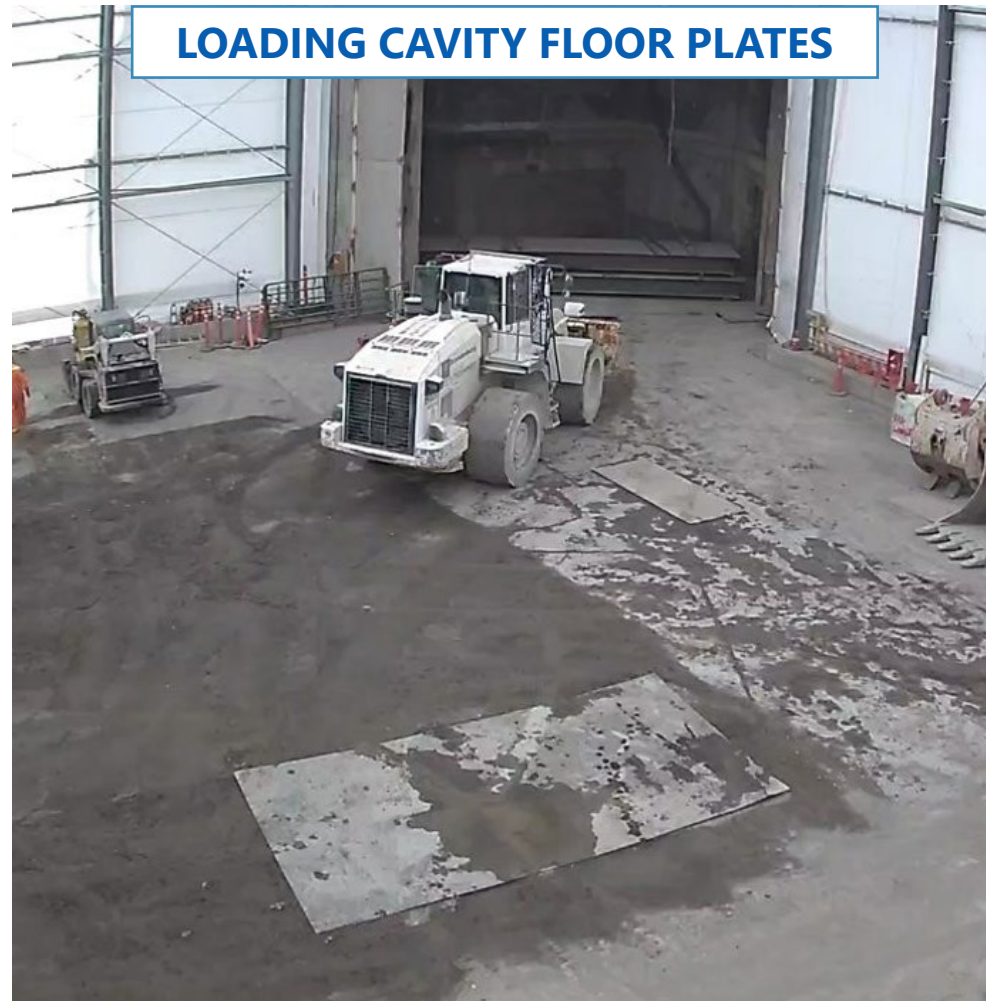
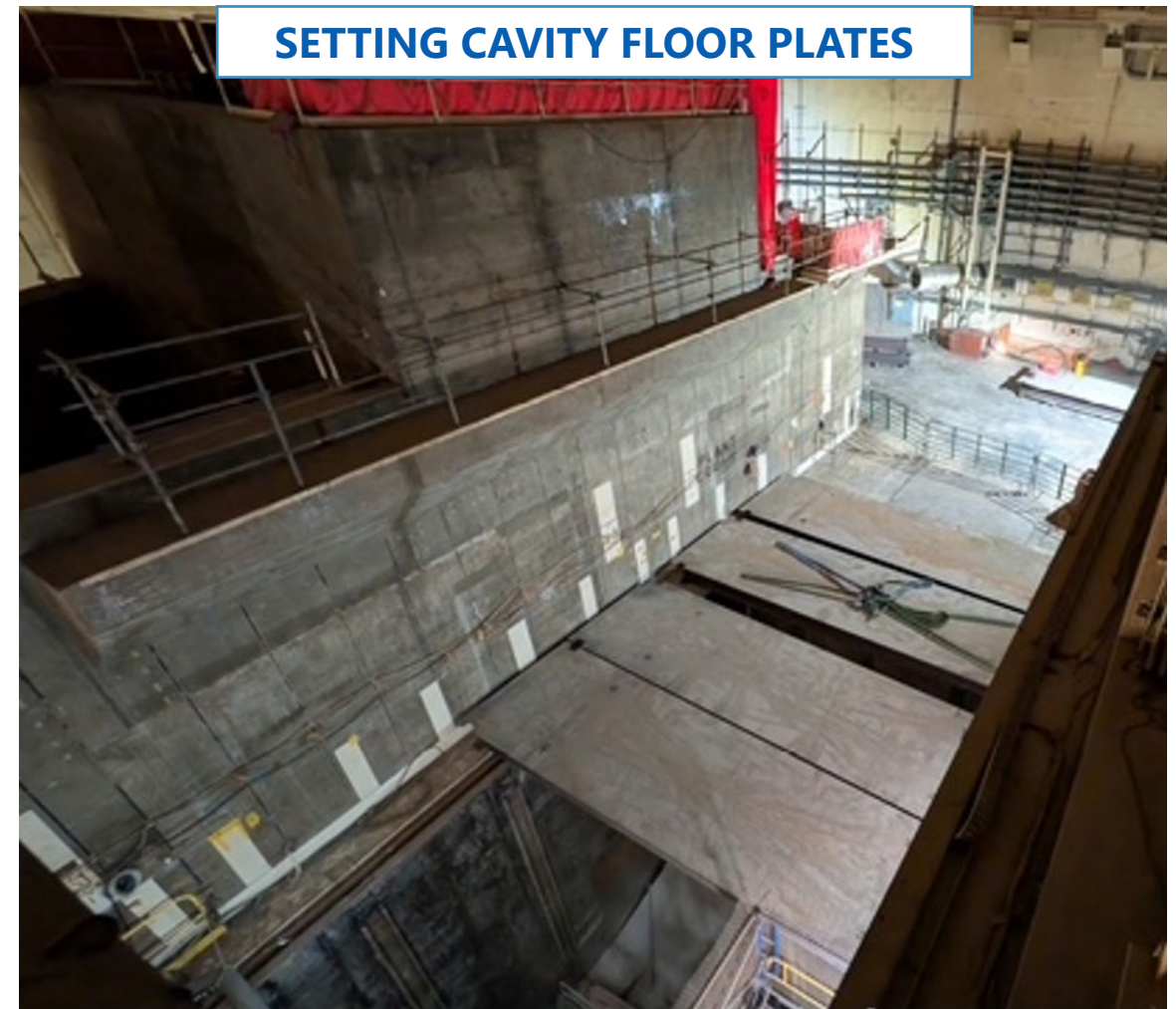
U2 Reactor Vessel Segmentation in Progress



U2 Reactor Vessel Segmentation in Progress



U3 Containment Interior Demolition



U3 Containment Interior Demolition

63' ELEVATION - BIOSHIELD



63' ELEVATION - BIOSHIELD



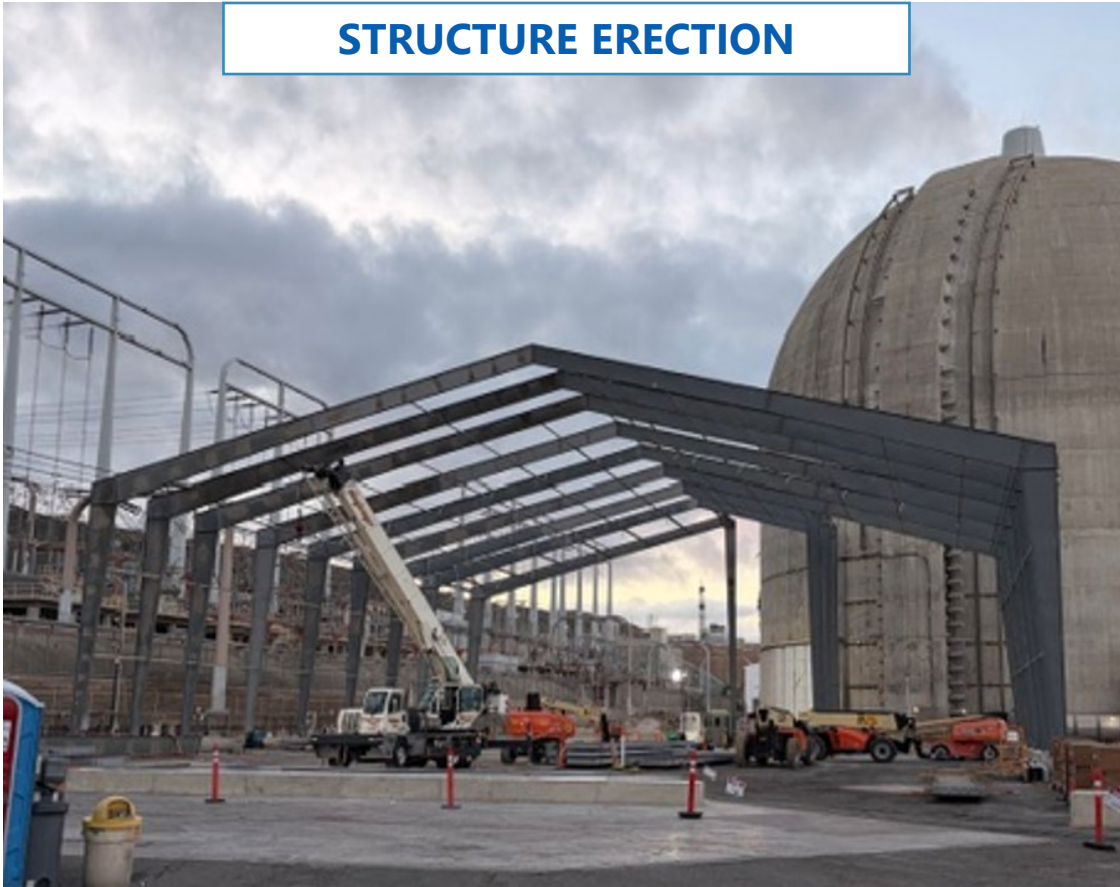
U3 Decommissioning Isolation Enclosure

DEBRIS LOADING INTO RAIL CARS



U2 Decommissioning Isolation Enclosure

STRUCTURE ERECTION



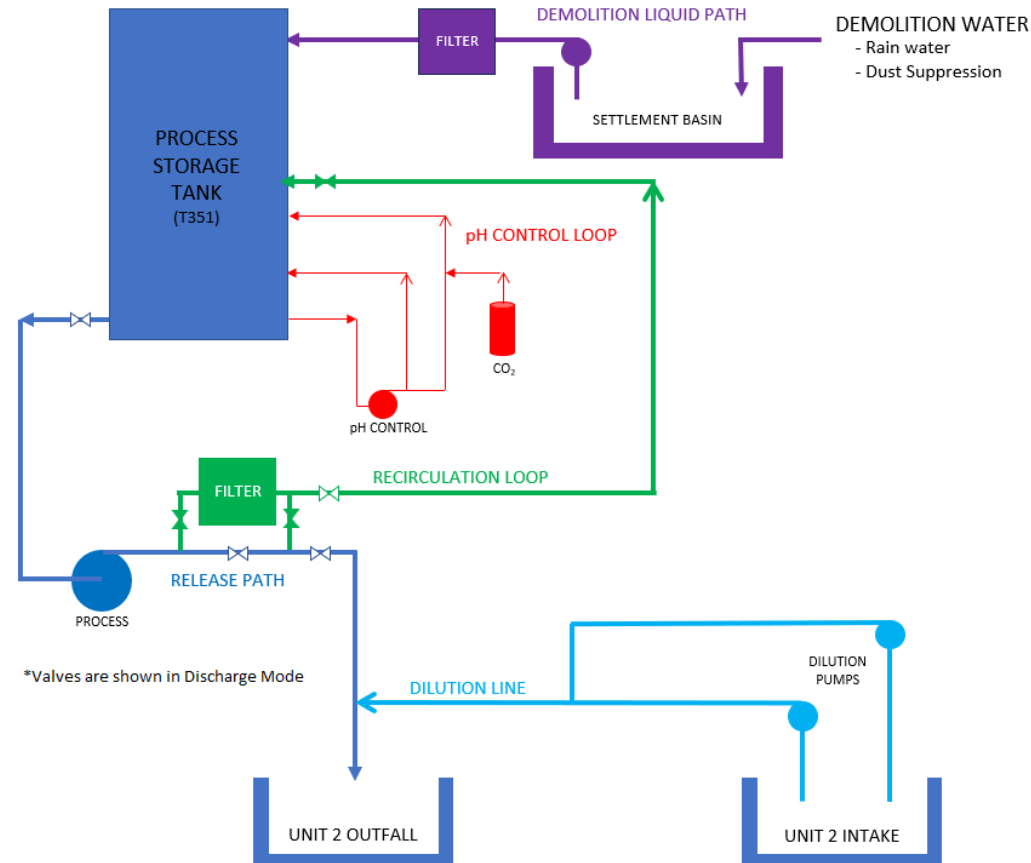
ROOF AND SIDING INSTALLED



SONGS Liquid Batch Release Update



Liquid Batch Releases Update



- In 2025 SONGS completed the processing of high activity water (e.g., spent fuel pool and reactor cavity water)
- Going forward, what remains is rainwater and dust suppression water ("demolition water") that collects in building basements undergoing demolition
- This 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
- Due to the low levels of radioactivity, mainly tritium, ion exchangers and an inline radiation monitor is 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)
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
Estimated 2026 to-go	Rainfall dependent
Total to Date	671,165
% of Annual Whole Body Dose Limit	0.0123%

- 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.)
- The 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 to the public via songscommunity.com
- SONGS continues to monitor the environment around SONGS following its Radiological Environmental Monitoring Program (REMP)

Understanding the Release Notification

- **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: March 2, 2026

Est. Start Date: March 5, 2026

Volume: 127,250 gallons

Duration: 9.3 hours

Status: Complete

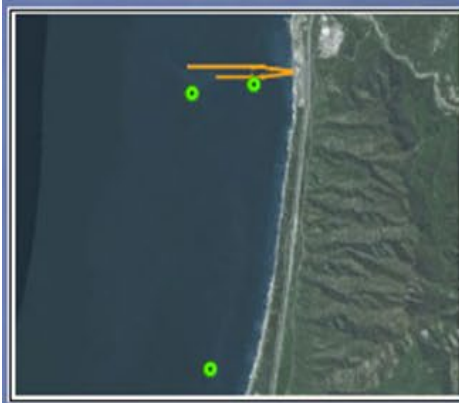
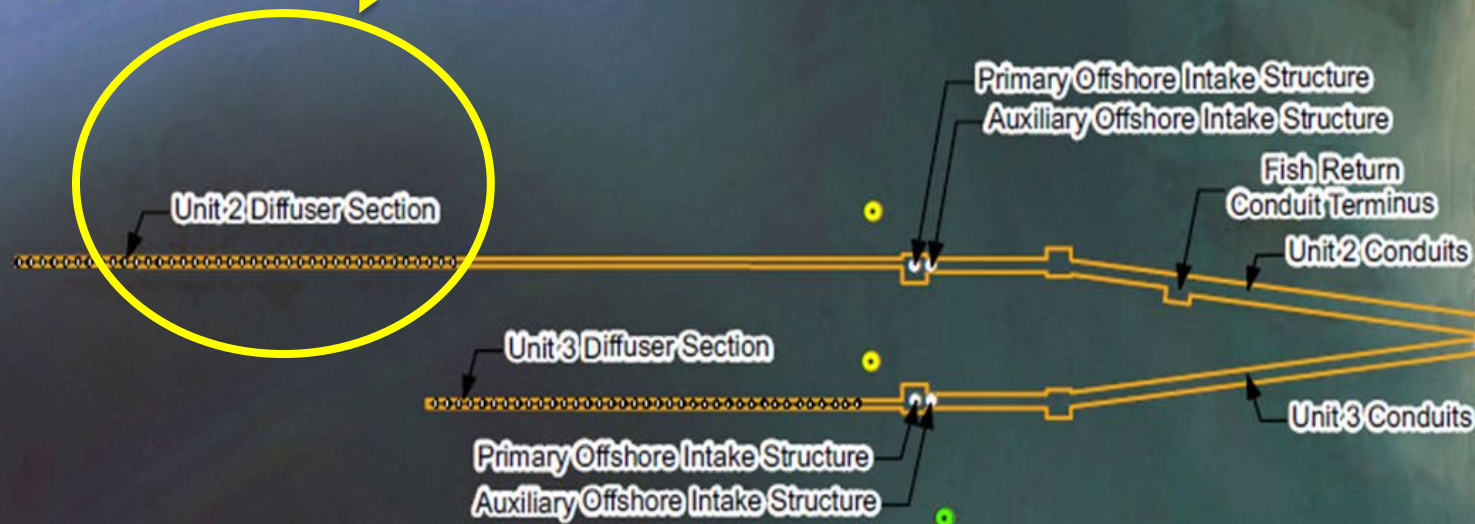
Characterization:

Total Dose: 0.000000545 mrem

% of Annual Whole Body Dose Limit:
0.0141%

(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

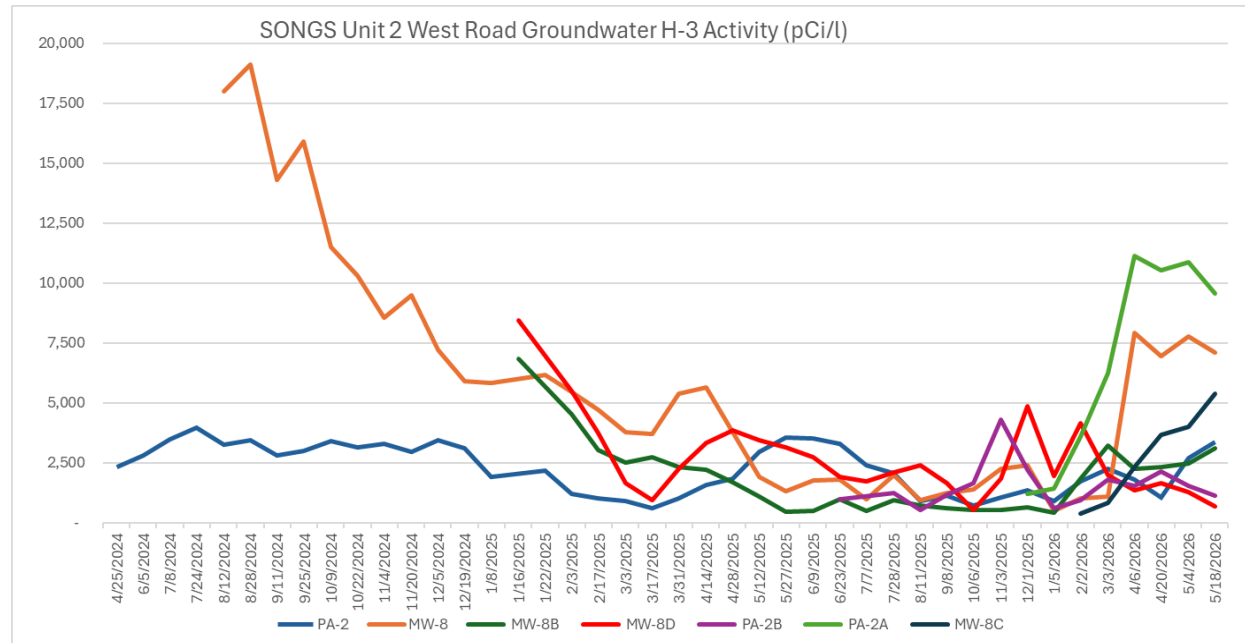
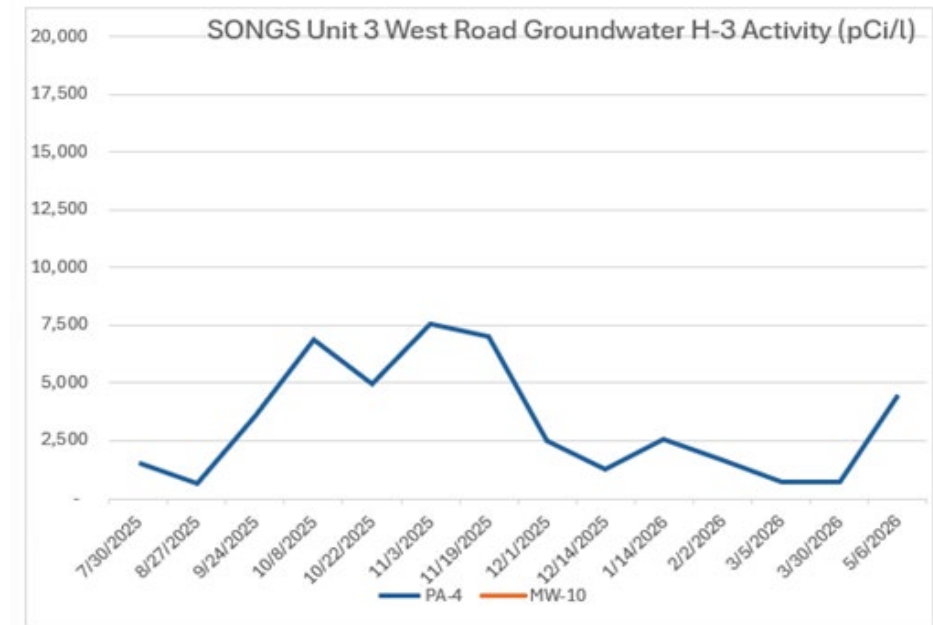


SONGS Tritium Monitoring Update



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.
- An upward trend observed for wells PA-2A and MW-8 has stabilized. Upward trends have been observed at PA-2, PA-4, MW-8B and MW-8C. We will continue to sample and monitor this.



Groundwater Monitoring Well Locations

