

## ANOTHER DEMOLITION MILESTONE SAFELY REACHED

The SONGS Units 2 and 3 Containment Buildings (the “domes”) are the most prominent structures at SONGS and a landmark for those traversing Interstate 5 both north and south. Removal of the radioactive components and nuclear reactors from inside each Containment Building is one of the most complex projects for safely decommissioning the site and returning the property to the U.S. Navy. In order to create openings in the domes to allow access for the equipment needed to remove the reactors, the tendons that form the skeleton, or matrix, of the Containment Buildings had to be de-tensioned and some removed. These tendons are steel cables embedded vertically and horizontally within the four-foot thick reinforced concrete that form each dome. It was a huge milestone for decommissioning when within each dome 114 horizontal tendons were de-tensioned and 90 vertical ones were completely removed, coiled, bagged, and transported off-site for disposal.

Activities began in August 2020 and at its peak, 17 workers performed these tasks in confined spaces, much of it underground. Due to careful planning and execution, the team completed this work safely and on schedule, clearing the path for the eventual demolition of the two domes.



*There are approximately 5,700 miles of tendon strands in each containment dome. The vertical tendons in the containment tendon gallery pictured here are typically 450 feet in length.*

Decommissioning  
**San Onofre**  
Nuclear Generating Station  
Safety | Stewardship | Engagement



5000 Pacific Coast Highway  
San Clemente, CA 92674

To contact our deconstruction liaison,  
call **800-681-6868** or email us at  
**SONGSdecomm@sce.com**



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## SAN ONOFRE DECOMMISSIONING UPDATE | OCTOBER 2021

Safety remains our top priority as we move through the dismantlement of the San Onofre Nuclear Generating Station (SONGS). That includes a focus on industrial safety. We've said decommissioning a nuclear plant is much different from operating one, and that's evident every time I walk through the site. Buildings are coming down, the material is being collected and sorted, and train cars are moving in and out, transporting the waste off-site. All of this highly choreographed activity must be done safely.

Recently, our decommissioning contractor, SONGS Decommissioning Solutions, reported they have surpassed 2 million hours worked without a lost-time injury. That's a tremendous accomplishment and we thank them for their commitment to worker safety, each and every day.

Inside this issue you can read about a hazardous job recently completed safely, removing and detensioning the containment dome tendons. Successfully finishing this job required each worker to commit and focus on safety each shift—and they did. A true team effort.

I encourage you to visit [SONGScommunity.com](https://www.songscommunity.com) to stay up-to-date on the decommissioning of SONGS.

**Doug Bauder**  
Vice President and Chief Nuclear Officer  
San Onofre Nuclear Generating Station  
Southern California Edison



## DECONSTRUCTION ACTIVITY

Deconstruction activity to take place at the San Onofre Site

WORK ACTIVITY	WORK PERFORMED Q3 2021	WORK AHEAD Q4 2021
<b>North and East areas (parking lot areas) (A)</b>	<ul style="list-style-type: none"> <li>Continued delivery, staging and shipment of materials</li> <li>Completed collection of background soil samples</li> </ul>	<ul style="list-style-type: none"> <li>Continue material delivery and removal</li> </ul>
<b>Containment Buildings (the domes) and connected buildings (B)</b>	<ul style="list-style-type: none"> <li>Continued interior demolition</li> </ul>	<ul style="list-style-type: none"> <li>Hazardous materials removal</li> <li>Continue interior demolition</li> <li>Reactor segmentation</li> </ul>
<b>Support Structures (diesel generator buildings, turbine and transformers) (C)</b>	<ul style="list-style-type: none"> <li>Continued removal of hazardous materials</li> <li>Continued above-ground demolition (completed diesel generator buildings and transformers)</li> <li>Removal of the Unit 2 turbine upper deck components</li> </ul>	<ul style="list-style-type: none"> <li>Continue removal of hazardous materials and demolition</li> </ul>
<b>Outer Buildings (administration and B/K buildings, makeup demineralizer area) (D)</b>	<ul style="list-style-type: none"> <li>Completed isolation of utilities</li> <li>Continued removal of hazardous materials</li> <li>Continued above-ground demolition (completed administration and B/K buildings)</li> </ul>	<ul style="list-style-type: none"> <li>Continue demolition</li> <li>Clean tanks for removal</li> </ul>
<b>Intake Structure (C)</b>		<ul style="list-style-type: none"> <li>Begin hazmat removal</li> <li>Isolate and clean structure</li> </ul>
<b>Site wide</b>	<ul style="list-style-type: none"> <li>Continue site assessments and monitoring</li> <li>Continue waste shipments</li> </ul>	<ul style="list-style-type: none"> <li>Continue site assessments and monitoring</li> <li>Continue waste shipments</li> </ul>



*Nine rail car gondolas were recently delivered to carry decommissioning debris offsite.*



*An excavator deftly pulls down the remaining walls of the Administrative, Warehouse and Shops (AWS) building.*

**Schedule is subject to change.** In addition to those activities listed above, material deliveries and waste shipments will continue throughout the deconstruction period.