

MINIMIZING THE ENVIRONMENTAL IMPACTS OF DEMOLITION ACTIVITIES

Debris from demolition of buildings at the San Onofre Nuclear Generating Station accounts for a large portion of waste that needs to be removed to prepare for the return of the property to the Department of the Navy. The Decommissioning General Contractor, *SONGS Decommissioning Solutions (SDS)*, is committed to minimizing truck and rail trips through on-site concrete crushing and recycling to the maximum extent practicable before sending to out-of-state landfills. All waste shipments are sorted, weighed, and characterized prior to leaving the site.

Demolition debris is managed per applicable federal and state regulations. To ensure environmental compliance, SDS maintains storm water pollution prevention best management practices (BMPs) and many techniques to control dust and debris. Additionally, the site continues to collect and properly dispose of wastewater and other waste products. SONGS' plans and procedures are subject to routine agency inspection and support the rapid response to the cleanup of spills. These are just a few of the observable ways that demolition at the SONGS site is limiting the environmental impact of decommissioning while remaining in compliance with local, state, and federal regulations.



Spraying water during demolition is one technique for controlling dust and debris while the main office building is being dismantled.

Decommissioning
San Onofre
Nuclear Generating Station
Safety | Stewardship | Engagement



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To contact our deconstruction liaison,
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SAN ONOFRE DECOMMISSIONING UPDATE | JULY 2021

A BUSY QUARTER FOR SONGS DECOMMISSIONING

During the current dismantlement phase of SONGS, about a billion pounds of material will be shipped to disposal locations outside of California. The team has been putting a dent into that number as more than a dozen structures have been demolished to date, including, most recently, the Unit 3 Diesel Generator building.

The buildings are demolished using large machines called excavators, which then sort the material prior to shipping. It is an interesting process to watch. I encourage you to look at the time-lapse videos on our website (www.SONGScommunity.com).

With the increase in deconstruction activity comes an increase in waste shipments off-site. Most of the debris is shipped via rail, which is more efficient and environmentally friendly, but some material will go by truck. The rail shipments leave the site at night, minimizing local traffic impacts. Since dismantlement began through June 30 of this year, we've made 355 truck and rail shipments, totaling about 9.3 million pounds of material. We will continue to post any anticipated significant, local traffic impacts resulting from these shipments on our website. Look for the Traffic Updates button on the top-right corner for more information.

As always, our focus is on the safety of the public and our employees.

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

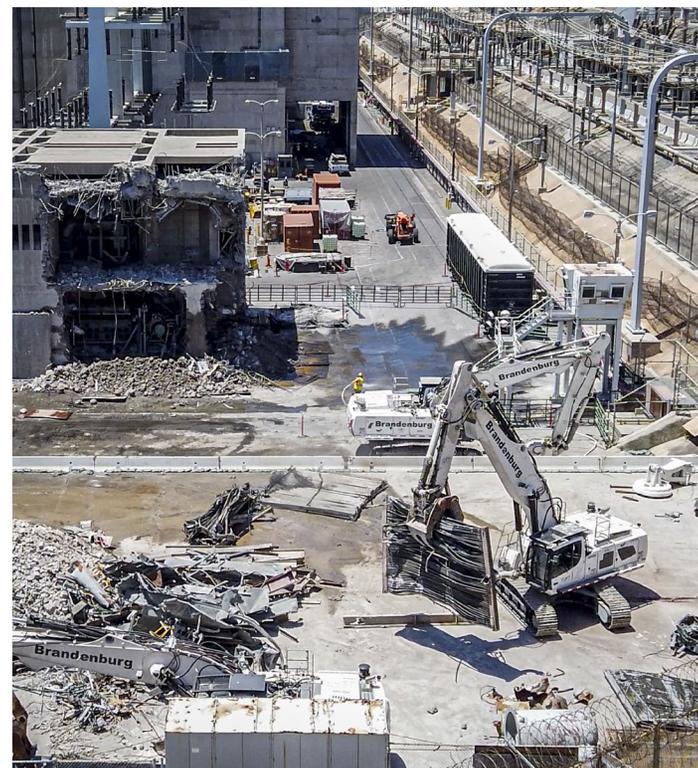


DECONSTRUCTION ACTIVITY

Deconstruction activity to take place at the San Onofre Site

WORK ACTIVITY	WORK PERFORMED Q2 2021	WORK AHEAD Q3 2021
North and East areas (parking lot areas) (A)	<ul style="list-style-type: none"> Continue delivery and shipment of materials 	<ul style="list-style-type: none"> Continue delivery and shipment of materials
U2 & U3 Containment Buildings (the domes) and connected buildings and transformers (B)	<ul style="list-style-type: none"> Completed construction of access openings and door install Continued component removal to access reactor cavity 	<ul style="list-style-type: none"> Prepare for reactor internals segmentation
Support Structures: (turbine buildings, intake and outfall structures) (C)	<ul style="list-style-type: none"> Removal of hazardous materials and utility isolation Began demolition 	<ul style="list-style-type: none"> Continue removal of hazardous materials and demolition
Outer Buildings (administration and B/K buildings, diesel generator buildings, makeup demineralizer area, fire water storage tanks and pumps) (D)	<ul style="list-style-type: none"> Continued removal of hazardous materials and isolation of utilities Began demolition 	<ul style="list-style-type: none"> Continue demolition
Site wide	<ul style="list-style-type: none"> Continue site assessments and monitoring Completed collection of background soil samples 	<ul style="list-style-type: none"> Continue site assessments and monitoring

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



All debris is sorted, weighed, and characterized prior to leaving the site.