

INTAKE STRUCTURE DEMOLITION IS KEY TO ACCESSING ADDITIONAL BUILDINGS

Last year, the Unit 2 and 3 seawater Intake and Outfall structures were isolated from the ocean, becoming the first underground area of the site to be decommissioned. Crews will now create a work surface across the Intake and Outfall structures to support removal of other buildings. The work surface will be created by filling void spaces with a low-density cement mixture and will allow worker and equipment access to the other buildings.

During operations, the Intake and Outfall structures were part of the circulating water system. They consist of large, underground tunnels and various below ground components connecting the Intake and Outfalls to the ocean. Isolating these structures from the ocean was a critical activity to prevent ocean water intrusion during decommissioning. Constructed approximately 26-feet below sea level, discontinuing the inflow of ocean water was the first achievement of a multi-step, complex process. After the area was dewatered, equipment including circulating water pumps, traveling screens, stop gates and piping was then removed. This allowed for the extensive cleanup and proper preparation of the debris for disposal in Clive, Utah. Isolating the structures from the ocean was no easy task. A team including highly qualified divers worked together while ensuring safety and compliance every step of the way.

The methodical approach to this work is shown in the photographs below.



Up Close: Before and After Unit 3 Intake Structure

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SAN ONOFRE DECOMMISSIONING UPDATE | APRIL 2023

With demolition of the Unit 3 Gantry Crane and Turbine building nearly complete, our work takes an inward focus - dismantling and removing equipment from the spent fuel pool and containment buildings. These include the two giant domes that are most familiar to the public. Standing more than 100 feet tall, they are a significant landmark with nostalgic meaning to many. For us, they housed the heart and soul of our plant - the reactors and systems that enabled SCE to provide more than 40 years of clean, reliable energy.

Today, teams work in these enormous buildings taking apart intricate systems and preparing them for shipping off-site. Most require specialized tools and saws to cut them into manageable segments for cleaning and packaging. This is a long and methodical process that will take at least two years to complete.

We've now sorted and shipped off-site nearly 200 million pounds of waste via truck and rail. With spring upon us, we remain vigilant in protecting our local birds and fauna as we work. You can learn more about our demolition progress on SONGSCommunity.com as well as our recent Community Engagement Panel meeting on March 23. And you are encouraged to come take a public walking tour and see for yourself.



High school and university students are frequent visitors where they learn firsthand about decommissioning.



DECONSTRUCTION ACTIVITY

All deconstruction activity will take place at the SONGS site

WORK ACTIVITY	WORK PERFORMED Q1 2023	WORK AHEAD Q2 2023
North and East (parking lot) areas (A)	<ul style="list-style-type: none"> Continued material delivery and removal 	<ul style="list-style-type: none"> Continue material delivery and removal
Containment Buildings (the domes) and connected buildings (B)	<ul style="list-style-type: none"> Continued hazardous material removal Continued interior demolition Continued reactor segmentation 	<ul style="list-style-type: none"> Continue hazardous material removal Continue interior demolition Continue reactor segmentation
Outer Buildings (administration buildings) (C&D)	<ul style="list-style-type: none"> Managed material and loaded railcars 	<ul style="list-style-type: none"> Continue to manage material and load railcars
Turbine Building (E)	<ul style="list-style-type: none"> Continued component removal and structure demolition 	<ul style="list-style-type: none"> Continue component removal and structure demolition
Intake/Forebay Structure (F)	<ul style="list-style-type: none"> Completed structural surveys Began backfill of deep subgrade structures 	<ul style="list-style-type: none"> Complete backfill of deep subgrade structures Begin demolition
Site wide	<ul style="list-style-type: none"> Continued site assessments and monitoring Continued waste shipments 	<ul style="list-style-type: none"> Continue site assessments and monitoring Continue waste shipments



In two short years, the turbine structures and gantry cranes have been demolished

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