

UNIT 2 TURBINE BUILDING DECONSTRUCTION

The landscape at SONGS dramatically changed by the end of 2022 and the deconstruction of the Unit 2 Turbine Building was a key highlight.

The 445-ton Unit 2 Gantry Crane was brought down from the Turbine Building deck and dismantled in August, clearing the path for the demolition of the Unit 2 Turbine Building interior and the 28 giant concrete pedestals supporting the building.

The 55-foot-tall pedestals were between 7- to 9-feet long and 10- to 12-feet wide. They were reinforced with rebar, and the 14 pedestals on each side of the building were connected by a 10-foot concrete beam running the length and width of the building.

Work to break down these structures piece by piece was completed efficiently and safely, and now we are focused on demolishing the Unit 3 side.

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



Up Close:
*Dismantlement of Unit 2
Turbine Building concrete
support pedestals*



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SAN ONOFRE DECOMMISSIONING UPDATE

**JANUARY
2023**

We closed out 2022 at SONGS with a tremendous amount of work completed. While the decommissioning work may not be visible to passersby, for us at the plant, the site changes weekly.

A few key achievements included:

- Demolished 33 of 62 buildings
- Shipped 144 million pounds of waste off-site, most of it crushed concrete from the demolition activity; more than 2,670 train and truck waste shipments have now left SONGS since demolition began in 2021
- Dismantled and demolished the 445-ton Unit 2 Gantry Crane
- Isolated, removed ocean water, and cleaned out the Unit 2 and 3 Intake Systems
- Began shipments of waste from reactor internal segmentation efforts

We are continuing our SONGS public walking tour program during decommissioning, giving hundreds of visitors, students, and elected officials a first-hand view of the decommissioning process. I encourage you to visit SongsCommunity.com for videos of the demolition work, or better yet, sign up and come on a tour and view the work firsthand.

I look forward to providing you with quarterly updates on our progress.

Doug Bauder

*Vice President and Chief Nuclear Officer
San Onofre Nuclear Generating Station
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DECONSTRUCTION ACTIVITY

All deconstruction activity will take place at the SONGS site

WORK ACTIVITY	WORK PERFORMED Q4 2022	WORK AHEAD Q1 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 Buildings (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 isolation of intake structure from ocean Completed water removal in the forebay Removed materials to Parking Lot 2 for packaging and off-site disposal Began structural surveys 	<ul style="list-style-type: none"> Continue surveys of the intake structure and forebay Backfill intake structure with low-density flowable fill concrete
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

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



Changing Site Conditions. The SONGS site continues to change as decommissioning progresses. Once surrounded by buildings and warehouses, the area has been cleared for the dismantlement of the Unit 3 Gantry Crane and Turbine Building.