



Decommissioning San Onofre

Nuclear Generating Station

SONGS Decommissioning Update

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VP Decommissioning



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San Onofre
Nuclear Generating Station

Decommissioning Update Topics

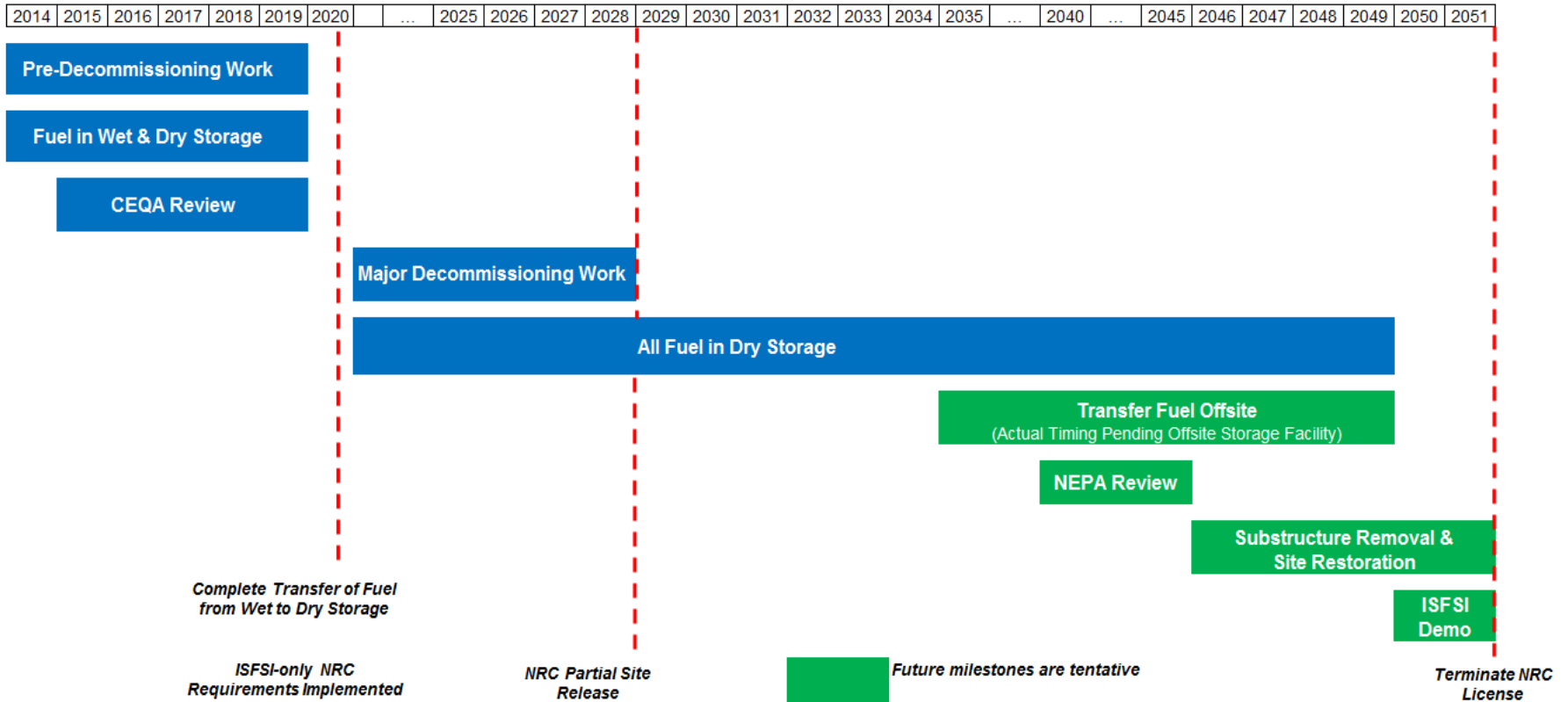
- Decommissioning plan
- Seismic safety at San Onofre
- Environmental permitting
- Strategic Plan



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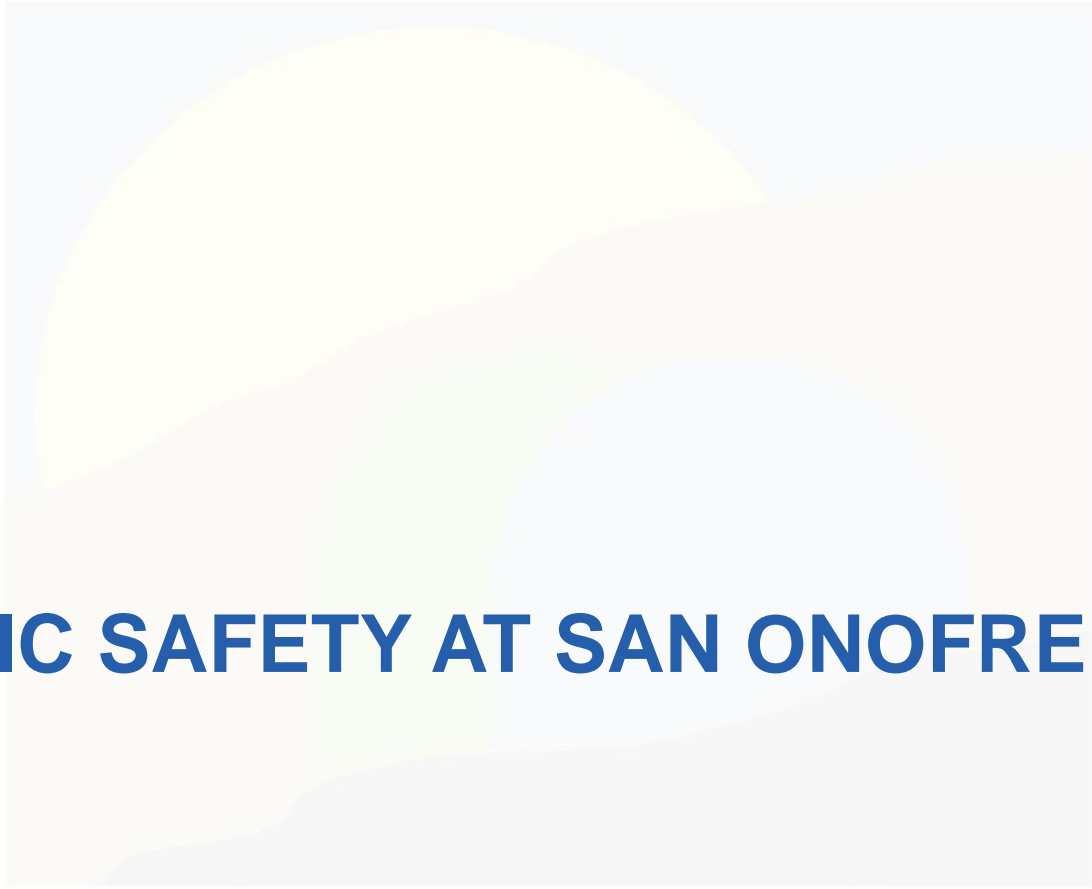
Decommissioning Plan

Subject to Change





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SEISMIC SAFETY AT SAN ONOFRE



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SONGS Seismic Design

- July 5 Ridgecrest earthquake raised questions among members of the public regarding SONGS' seismic design
 - Quake was 0.57g peak ground acceleration (PGA) near epicenter, 0.015 g near SONGS
- For SONGS, the largest potential seismic interaction is from the Newport Inglewood/Rose Canyon (NI/RC) fault system
- Plant designed to withstand PGA of 0.67g
- Dry cask storage systems including canisters designed to withstand 1.5g PGA, double the plant
- CA code requires nearby buildings to withstand 0.38g PGA
- Reference <https://www.songscommunity.com/safety/seismic-safety>



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Research Findings

- Seismic research required by California Energy Commission completed by Scripps in 2017
- Earthquakes
 - Hypothesized Oceanside Blind Thrust (OBT) not supported
 - Structures found consistent with strike-slip fault
 - If all segments of the NI/RC rupture, could generate up to 7.3 or 7.4 magnitude earthquake
 - Less than magnitude 7.5 in latest SONGS seismic hazard analysis



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ENVIRONMENTAL PERMITTING

California Environmental Quality Act (CEQA)

Two state permits required to start decontamination & dismantlement

MILESTONE	TIMING
Final Environmental Impact Report (EIR) and lease certified by CSLC at public meeting	Approved March 21, 2019
Coastal Development Permit (CDP) application for onshore work from CCC to be considered at public meeting in Newport Beach	Agendized Sept 12, 2019

Offshore work requires a CDP from CCC with a public meeting anticipated mid-2021



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SONGS STRATEGIC PLAN



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SONGS Strategic Plan to Remove Spent Fuel

- North Wind Inc. selected to develop Strategic Plan (SP)
 - Strategic Plan will identify and advance alternatives for offsite storage
 - North Wind team members here today
 - Phil Niedzielski-Eichner – Project Director
 - Elizabeth Helvey – Project Manager
 - Brian Gutherman – Team Member
 - Mary Woollen – Team Member
 - Work to continue through year-end 2020
 - North Wind and Experts Team will update CEP at future meeting