



Decommissioning **San Onofre** Nuclear Generating Station

Decommissioning Update

September 14, 2017

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Vice President Decommissioning &
Chief Nuclear Officer



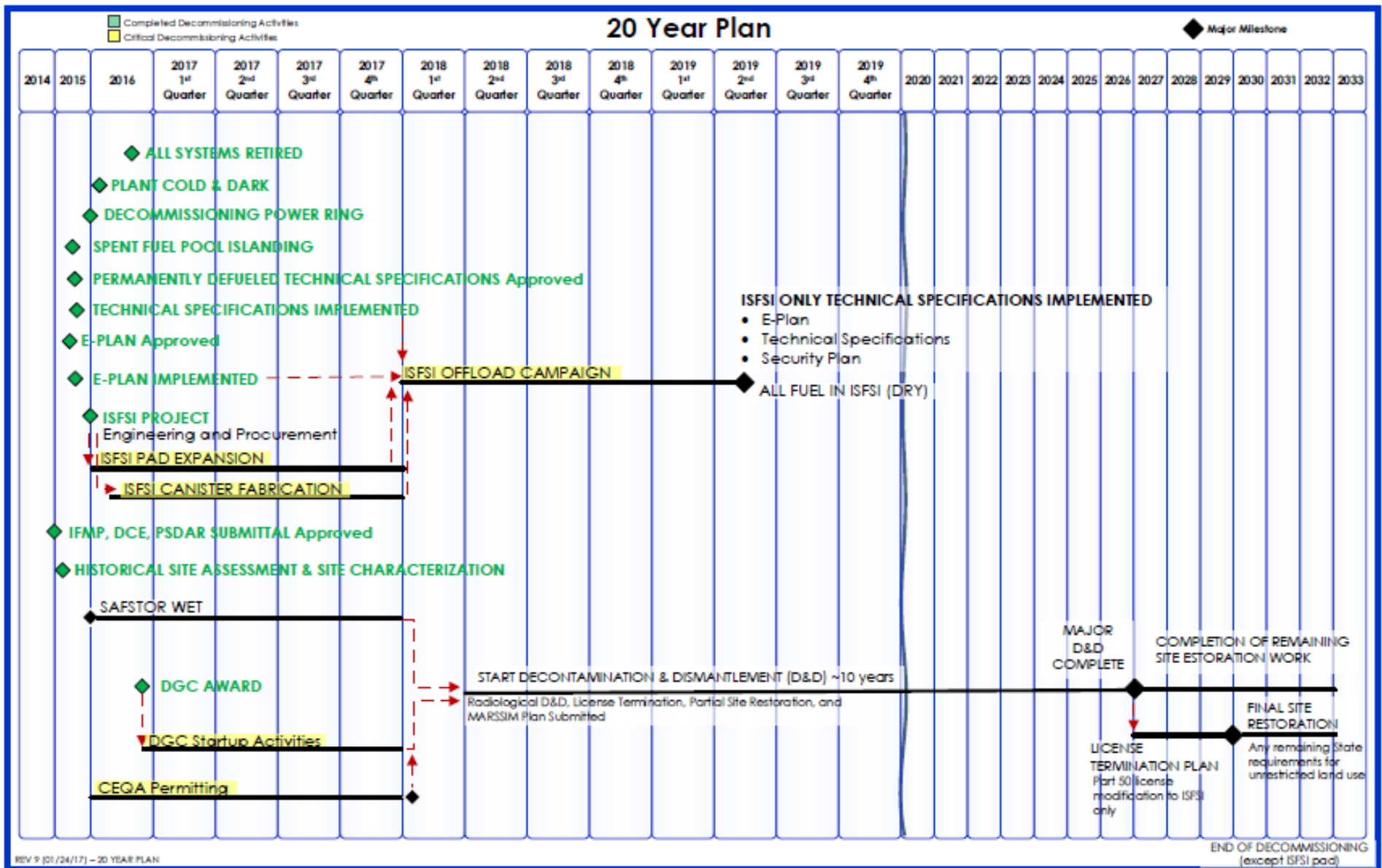
Decommissioning
San Onofre
Nuclear Generating Station

Decommissioning Principles

Safety
Stewardship
Engagement

For more information on SONGS visit www.SONGScommunity.com

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NRC ACTIVITIES

Decommissioning San Onofre Nuclear Generating Station Safety | Stewardship | Engagement



NRC Submittal Status

Item	Submittal Status	Approval Status
Exemption* Request Offsite Insurance	Submitted September 2015	Forecast 4Q 2017
Exemption* Request Onsite Insurance	Submitted October 2015	Forecast 4Q 2017
ISFSI Only License Amendment Request Tech Specs, Emergency Plan, Security Plan	Submitted December 2016	Forecast 2Q 2018
License Amendment Request Remove Cyber Condition from License	Submitted May 2017	Forecast 1Q 2018

*An exemption is how the NRC currently handles a change in the regulatory requirements for decommissioning plants



NRC Decommissioning Rulemaking

- Revise current regulations to support a more efficient decommissioning process
 - Some regulations do not differentiate between operating and decommissioning plants
 - Use of exemption process
- Expected completion in next 3 years
- No significant affect on SONGS decommissioning anticipated



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SITE ACTIVITIES UPDATE

Expanding ISFSI to Accommodate all Fuel





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Pad Construction Complete



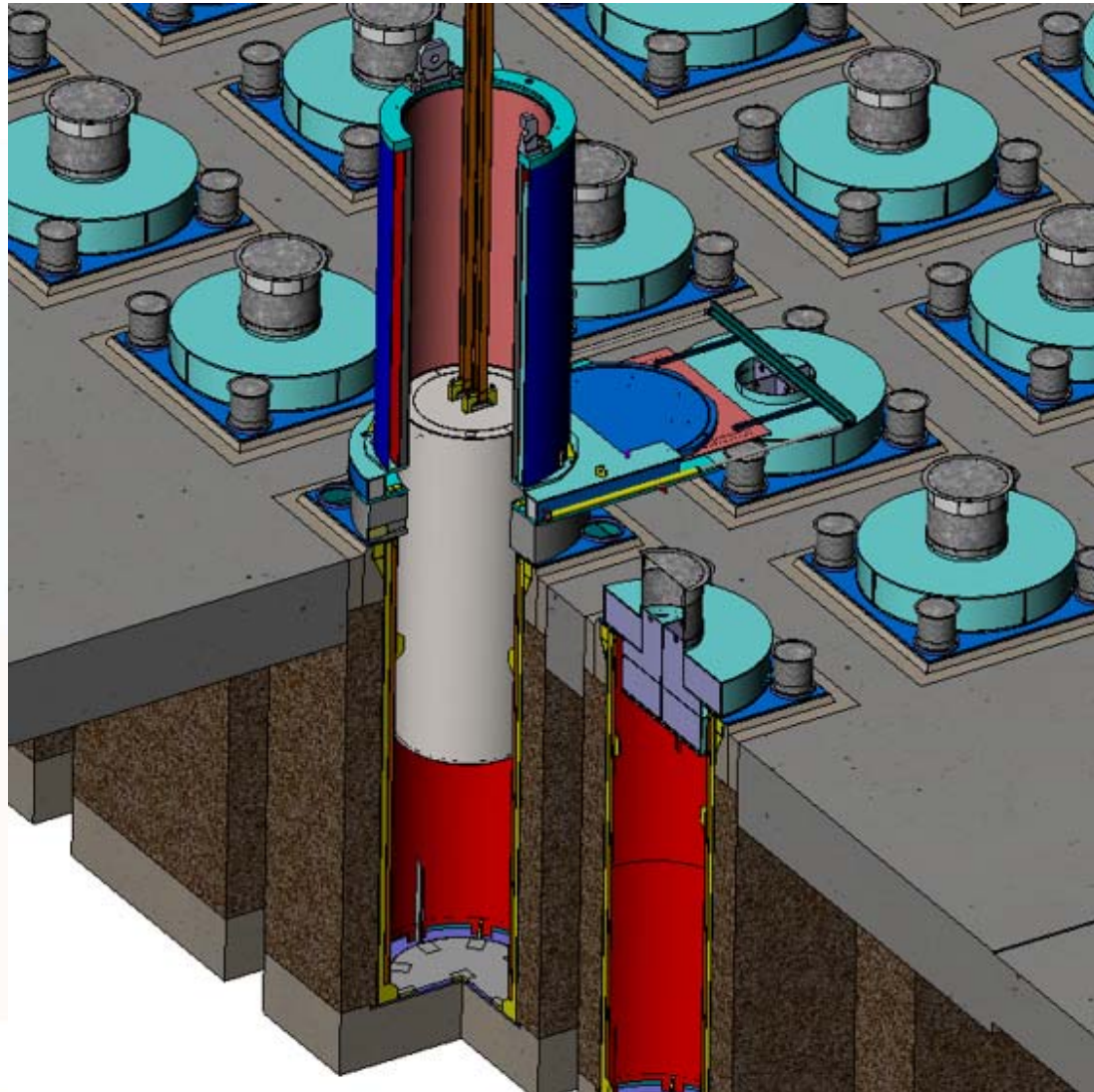
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ISFSI Design



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Security Building Construction in Progress



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Fuel Offload Schedule

Action	Timing
ISFSI pad construction complete	August 2017
Security building complete	October 2017
Final SCE reviews and NRC inspections	November 2017
Start offload from wet to dry storage	December 2017
All fuel in passive dry storage	Mid-2019



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Status of Used Fuel

CURRENT STATE

Spent Fuel
Pools

2668 fuel
assemblies

Existing ISFSI
50 canisters (1187
fuel assemblies)

EXPANDED ISFSI*

73 canisters
(2668 fuel
assemblies)

+

existing 50
canisters
(1187 fuel
assemblies)

FUTURE STATE

To DOE:
3855 fuel
assemblies in
~123 canisters

* Independent Spent Fuel Storage Installation



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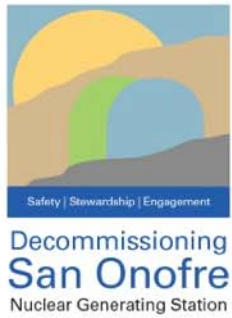
Licensing Status

SONGS Fuel	Dry Storage Canister	Transportation Cask	NRC License Status
Unit 1 (Dry)	NUHOMS 24PT1 CoC 72-1029	MP-187 CoC 71-9255	Both Approved
Unit 2&3 (Dry)	NUHOMS 24PT4 CoC 72-1029	MP-197HB CoC 71-9302	Both Approved
Unit 2&3 (Wet)	MPC-37 CoC 72-1040	HISTAR 190 CoC 71-9373	Both Approved

Used Fuel Readiness for Transportation

- Some fuel qualified for transport now
- Remaining fuel qualifies over time

	NOW	'18	'19	'20	'21	'22	'23	'24	'25	'26	'27	'28	'29	'30	TOTAL
Units 2/3 Dry	21	6	6												33
Unit 1 Dry		2					1					5		9	17
Units 2/3 Wet				67		2	2		1			1			73

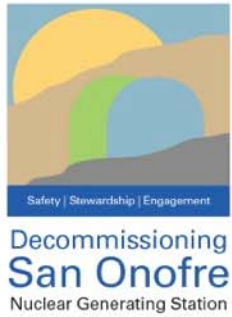


SETTLEMENT OF LAWSUIT CHALLENGING ISFSI PERMIT

Settlement Agreement

SCE supports all safe and reasonable solutions for moving used fuel off-site

- **CEP Feedback**
 - Consistent with CEP feedback regarding offsite storage and transportation
- **SCE Commitments**
 - Support development of a Commercially Reasonable Offsite Storage Facility
 - Develop strategic plan for offsite storage
 - Retain expert team to advise on spent fuel relocation
 - Conceptual planning for offsite transportation of spent fuel
 - Accelerate development of inspection & maintenance program to 2020
 - Develop written plan addressing contingencies by 2020
 - Routine progress reports



EMERGENCY PLANNING CONTINUED FUNDING



CEP Feedback and SCE Commitment to Emergency Preparedness

SCE shares a common goal of continued protection of the health and safety of our community and our workers

- Current agreement driven by CEP feedback regarding emergency planning and engagement of offsite agencies
- Provides 100% funding through 2020 or when all fuel is in dry storage
- Discussing appropriate level of funding with offsite agencies for emergency preparedness for 2022 and beyond



Successor MOU Status

- Required by year end 2017
 - Determine necessary and appropriate funding for ISFSI-only site condition
 - Parties: OC, SD County, San Clemente, San Juan Capistrano, Dana Point
- Timing
 - Commenced discussions mid-July
 - Local jurisdictions reconciling current activities/expenditures
 - Meetings planned through early October



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Public Meetings

California Coastal Commission (CCC)

Regular Meeting
Chula Vista, CA

Oct 11-13

4th Quarter CEP Meeting

QLN Conference Center, Oceanside, CA
Tentative Topics: Department of the Navy
Easement & Leases, End-state of Land

Nov 9