Decommissioning Update

February 16, 2017

Tom Palmisano
Vice President Decommissioning & Chief Nuclear Officer
Decommissioning Principles

Safety  
Stewardship  
Engagement

For more information on SONGS visit www.SONGScommunity.com
NRC ACTIVITIES
# NRC Submittal Status

<table>
<thead>
<tr>
<th>Item</th>
<th>Submittal Status</th>
<th>Approval Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>License Amendment Request Extend Cyber Security Program Milestone 8</td>
<td>Submitted June 16, 2016</td>
<td>Approved January 23, 2017</td>
</tr>
<tr>
<td>Exemption* Request Offsite Insurance</td>
<td>Submitted September 2015</td>
<td>Forecast 2Q 2017</td>
</tr>
<tr>
<td>Exemption* Request Onsite Insurance</td>
<td>Submitted October 2015</td>
<td>Forecast 2Q 2017</td>
</tr>
<tr>
<td>ISFSI Only License Amendment Request Tech Specs, Emergency Plan, Security Plan</td>
<td>Submitted December 2016</td>
<td>Forecast 2Q 2018</td>
</tr>
</tbody>
</table>

*Exemption is how the NRC currently handles a change in the regulatory status for decommissioning plants*
## 2017 NRC Inspections

<table>
<thead>
<tr>
<th>Inspection</th>
<th>Date</th>
<th>Findings</th>
</tr>
</thead>
<tbody>
<tr>
<td>1st QTR Decommissioning</td>
<td>Jan 30 – Feb 2</td>
<td>No violations</td>
</tr>
<tr>
<td>Ongoing ISFSI Construction Inspections</td>
<td>April 3-4 (next inspection)</td>
<td>No findings to date from previous inspections</td>
</tr>
<tr>
<td>Security Access Control</td>
<td>April 17-21</td>
<td>-</td>
</tr>
<tr>
<td>2nd QTR Decommissioning</td>
<td>May 22-25</td>
<td>-</td>
</tr>
<tr>
<td>3rd QTR Decommissioning</td>
<td>August 28-30</td>
<td>-</td>
</tr>
</tbody>
</table>
ISFSI Project Expansion
Environmental Impact Report
State Lands Commission Process

*In Process*

- **July 2016**
  - NOP
  - Scoping Period
  - Draft EIR Preparation

- **2Q/3Q 2017***
  - Draft EIR Public Review Period
  - Final EIR Preparation

- **3Q/4Q 2017***
  - EIR Certification and Lease Decision

*Public Input*
- Scoping Meeting(s)
- Draft EIR Meeting(s)
- Public Hearing

*Tentative schedule*
Decommissioning General Contractor (DGC) Selection

• Major decommissioning work to be performed by 3\textsuperscript{rd} party decommissioning contractor (DGC)
• SONGS Decommissioning Solutions selected as DGC via competitive bid process
• Joint venture of AECOM and EnergySolutions
Union of AECOM and URS created unique contractor with integrated project services
- project management
- planning and permitting
- engineering, design, procurement
- construction and D&D

*Engineering News-Record 2015*
- #1 Top Design Firms
- #2 Top 200 Environmental Firms
- #2 Top 50 Program Managers
- #7 Top 400 Contractors Overall

Past Performance relevant to SONGS
- Reactor head and steam generator replacement projects such as Diablo Canyon and St. Lucie

**SONGS DS**

**Predictability in Outcome**

Safety certainty
Regulatory certainty
Cost certainty
Schedule certainty

**Only 1**
licensee decommissioning first U.S. two-unit nuclear power facility

**5**
commercial nuclear power License Termination Plans

**34**
large component replacement projects

**200,000,000**
ft³ LLW disposed at owned disposal sites

**>25,000,000**
ft² nuclear facility D&D

**ENERGY SOLUTIONS**

- Largest U.S. nuclear waste company
- Privately-owned rail/trucking, logistics, processing, and disposal facilities
- Fleet of over 1,000 railcars and 2,500 bulk containers
- Regulatory-aligned waste perspective from experience as licensee at Zion
- Timely Past Performance relevant to SONGS
  - SONGS Decommissioning Cost Estimate
  - SONGS Radioactive Waste Management
  - Zion Nuclear Station, licensee for full scope D&D

*Decommissioning San Onofre Nuclear Generating Station* Safety | Stewardship | Engagement
- Key personnel who have over 350 years of combined nuclear experience and 250 years combined nuclear D&D experience
- Experienced executive leadership team
- A seasoned team skilled in transitioning operations to D&D
- A proven low-profile D&D approach that completes the project safely, compliantly, and within 10 years
- Holder of 10 CFR 50 License at Zion