Community Activation to Protect Coastal Resources from Risks of Nuclear Storage

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Restore America’s Estuaries Conference

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THE SURFRIDER FOUNDATION

is dedicated to the protection and enjoyment of the world’s ocean, waves and beaches through a powerful activist network.
San Onofre Nuclear Generating Station
3.6 million pounds of spent nuclear fuel
100 feet from the beach
Threats
Sea Level Rise and Storm Surge
Saltwater Intrusion
Geologic Instability
Sensitive Ecosystem/Park
Population Center/Transportation
Thoroughfare
Terrorist Attack
Safety Concerns

• Near Drop Event of Canister on August 3, 2018
• Inadequacies in Training, Procedures and Oversight by Edison and Holtec
• Findings of NRC Inspection Activities

- 2 Preliminary Escalated Findings
  - Failure to provide redundant drop protection
  - Failure to report
- 3 Preliminary Severity Level IV Violations
  - Procedures
  - Corrective actions
  - Training
- Management Oversight Weaknesses

Image 1. Slide from NRC webinar on findings from the special inspection at SONGS.
Safety Demands of Surfrider and Community

- Increased transparency and notification of events
- Increased expert oversight from Holtec, NRC and Edison
- Comprehensive training and supervision
- Improved Monitoring (including at surrounding beaches) and alarm systems
- Improved safety technology and contingency plan
- Plans for Hazards including corrosion, flooding and saltwater exposure
- Third-party assessment of canister integrity/transportability
- Development of sea level rise vulnerability...
Advocacy
Residents and visitors in Orange County and San Diego County deserve a safe and protected coastline.

Ultimately, this issue is up to federal decision makers to solve.
Activate

- Public Action Alert to Congress
- Engagement in the Community
- Speaking to Local Electeds
- Community presentations
- Blogs and communications
solutions
Federal Legislation Needed

• Federal Legislation is Needed to Transport Nuclear Waste and Create Permanent Storage. Federal Legislation Must Include:
  • Full Environmental Review (No Allowance for Streamlining or Curtailment of Environmental Laws/safeguards).
  • Require Consent-Based Siting for Spent Nuclear Fuel.
  • National Solution for Spent Nuclear Fuel Storage that Includes a Long-Term Storage Location.
  • Request for Specific Resource Protection, like Marine Protected Areas
  • Specific Timeline for Spent Nuclear Fuel Storage Solutions.
Storage Options – Seeking the Best Option, First