

## San Onofre Decommissioning Community Engagement Panel

### REGULAR MEETING

Thursday, August 20, 2020 from 5:30 – 8:30 p.m. via Skype

### Meeting Minutes

#### 1) Community Engagement Panel (CEP) Member Attendance:

- a) Present: Dr. David Victor (CEP Chairman/University of California, San Diego), Dan Stetson (CEP Vice Chairman/Trustee-Executive Director, Nicholas Endowment), Martha McNicholas (CEP Secretary/Vice President, Capistrano Unified School District Board of Trustees), Hon. John Taylor (San Juan Capistrano City Council), Rich Haydon (California State Parks), Marni Magda (Sierra Club), Garry Brown (Orange County Coastkeeper), Hon. Paul Wyatt (Dana Point City Council), Hon. Jim Desmond (Supervisor, San Diego County, 5<sup>th</sup> District), Jim Leach (South Orange County Economic Coalition), Donna Boston (Orange County Sheriff's Department), Hon. Kathy Ward (San Clemente City Council), Doug Woodyard (Alternate for Hon. Lisa Bartlett, Supervisor, Orange County, 5<sup>th</sup> District), Valentine "Val" Macedo (Laborers' International Union of North America, Local 89), Rob Howard (City of Oceanside Representative) and Sam Jammal (Camp Pendleton)
- b) Absent: Ted Quinn (American Nuclear Society) and Captain Mel Vernon (San Luis Rey Band of Mission Indians)
- c) Southern California Edison (SCE) Representatives: Doug Bauder, Chief Nuclear Officer (CNO) and Vice President (VP) of Decommissioning; Randall Granaas (Nuclear Fuel / ISFSI Engineer), Vincent Bilovsky (Director, Decommissioning Project), Dr. Eric Goldin, PhD (Certified Radiation Protection Professional), Jenny McGee (Project Manager, Restoration Ecologist) and Manuel Camargo, (Principal Manager Strategic Planning and Stakeholder Engagement)

#### 2) Virtual meeting via Skype convened by Chairman Victor at 5:32 p.m.

***NOTE: VIDEO OF THIS MEETING, SPEAKER PRESENTATIONS, AND A TRANSCRIPT ARE AVAILABLE ON [SONGScommunity.com](https://www.songscommunity.com). THIS DOCUMENT PROVIDES A SUMMARY***

#### 3) Key Updates

- a) Southern California Edison recently moved all of its spent nuclear fuel safely to dry storage. Dry storage has distinct benefits over storage in spent fuel pools, including a higher seismic rating than the plant itself, as well as no need for electricity, pumps, or cooling water.
- b) With all the fuel in dry storage, the focus at SONGS shifts to dismantlement work. Much of that work initially will be in and around the containment domes, and likely not visible to the public. The CEP heard that SCE's decommissioning contractor recently surpassed one million safe work hours.
- c) The liquid batch releases that SONGS is making are safe, and well-below regulatory limits. SCE's radiation health specialist, Dr. Eric Goldin, explained that if a person drank the entire 20,000 gallons of a recent batch release, it would be 4,000 times below the EPA's drinking water safety standard. Attempts to mischaracterize the releases as "unsafe" are not based in science.

#### 4) Five Key Takeaways

- a) (Doug Bauder) With all the spent nuclear fuel in dry storage, SONGS has moved to a more streamlined "ISFSI-only" organization for the ongoing management of spent nuclear fuel. ISFSI stands for Independent Spent Fuel Storage Installation. This new organization includes a robust security presence and a team dedicated to monitoring of the storage installations as well as a team that will oversee dismantlement activities.

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- b) (Vince Bilovsky) With respect to decommissioning activities and the waste shipments that will be leaving the site during dismantlement, the majority, 285,000 tons, will be low-level Class A waste, which will be shipped mostly by rail to Utah. The remaining 35 tons will be Class B or C waste that is bound for Texas by truck. SCE is planning to utilize rail as much as practicable to reduce traffic congestion. A portion of the internal structures of the reactor will be Greater Than Class C (GTCC) waste, which will be cut-up underwater in the reactor cavity using very specialized equipment. The segmented components that are GTCC will be treated the same as the spent fuel and stored in canisters at the ISFSI similar to the canister shells used for storing spent fuel. GTCC will be stored in the NUHOMS Transnuclear dry cask storage system. There is currently one canister of GTCCC waste from the Unit 1 decommissioning on the ISFSI now and additional canisters are designated for the Units 2 and 3 waste.
- c) (Randall Granaas) The next inspections for the recently approved Inspection and Maintenance Program for the Holtec canisters will take place in 2024. The metallic overlay repair process that has been developed by SCE meets military standards as well as international standards for adhesion and porosity, and now is available in the unlikely event that a spent fuel canister develops degradation. The spent fuel systems are surveyed for temperature and radiation levels as part of periodic maintenance.
- d) (Doug Bauder) A member of the public asked about the dry spent fuel storage installation and sea level rise. SCE vice president Doug Bauder explained that SCE will re-examine sea level rise prior to re-submitting a coastal development permit application in 2035, and relocating the dry spent fuel storage systems to another part of the SONGS site, at a higher elevation, would be an option, based on the results.
- e) (Jenny McGee) SCE's two-year project to expand the [Wheeler North Reef](#) off the Orange County coast came to a close last month. Initially started in 2008, the Wheeler North Reef was constructed as a mitigation measure related to SONGS to help increase the number of residential fish in the area. The reef is doing extremely well, yet it was not large enough to attract sufficient numbers of fish, so an expansion project began to increase the reef by just over 200 acres for a total of 376 acres. See presentation [here](#).
- f) **Additional information:**
- Visit the August 20 CEP meeting [webpage](#) for more information.
  - Visit the [liquid batch release page](#) on the SONGScommunity.com website.
  - Visit the SONGS [YouTube channel](#) to see a time-lapse video of the final spent nuclear fuel canister download.

#### 7) Chairman Victor facilitated the public comment period

- a) Public comments were made by the following individuals:
- i) Kalene Walker: (Local resident) – NRC approval of canister repair method
  - ii) Nina Babiarez: (Public Watchdogs) – due date of first inspection report to coastal commission
  - iii) Charles Langley: (Public Watchdogs) – relocation of dry cask storage
  - iv) Ray Lutz: (Citizen's Oversight) – request to view presenters and slides
  - v) Allison Schlick: (Local resident) – reason for Wheeler North Reef project
  - vi) George Allen: (Local resident) – misinformation regarding radiation exposure
  - vii) Donna Gilmore: (San Onofre Safety) – AREVA system air vent monitoring
  - viii) Debbie Kinsinger: (Local resident) – storage, removal and transport of spent fuel

#### 8) Meeting adjourned at 8:37 p.m.

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