

San Onofre Decommissioning Community Engagement Panel

REGULAR MEETING

Thursday, September 15, 2016, from 5:30-8:30 p.m. PDT in Oceanside, California

Meeting Minutes and Action Items

1) Community Engagement Panel (CEP) Member Attendance

- a) Present: Dr. David Victor (CEP Chairman/University of California, San Diego), Dan Stetson (CEP Secretary/Nicholas Endowment), Ted Quinn (American Nuclear Society), Garry Brown (Orange County Coastkeeper), Glenn Pascall (Sierra Club), Hon. Pam Patterson (Mayor, San Juan Capistrano), Hon. John Alpay (President, Capistrano Unified School District Board of Trustees), Hon. Jerome "Jerry" M. Kern (Oceanside City Council), Sam Jamal (substitute for Tom Caughlan, Camp Pendleton), Michelle Anderson (substitute for Donna Boston, Orange County Sheriff's Department), Hon. Bob Baker (substitute for Hon. Tim Brown, CEP Vice Chairman/San Clemente City Council)
- b) Absent: Hon. Tim Brown (CEP Vice Chairman/San Clemente City Council), Dr. William Parker (University of California, Irvine), Tom Caughlan (Camp Pendleton), Hon. Carlos Olvera (Mayor, Dana Point), Rich Haydon (California State Parks), Hon. Lisa Bartlett (Supervisor, Orange County, 5th District), Jim Leach (South Orange County Economic Coalition), Hon. Bill Horn (Supervisor, San Diego County), Donna Boston (Orange County Sheriff's Department), Valentine "Val" Macedo (Laborers' International Union of North America, Local 89),
- c) Guest: Steve Schroeter, Ecologist, UC Santa Barbara, Marine Science Institute
- d) Southern California Edison (SCE) Representatives: Tom Palmisano (VP of Decommissioning and Chief Nuclear Officer), Linda Anabtawi (Senior Attorney, Licensing and Environmental Law)

2) Meeting Convened by Chairman Victor at 5:30 p.m.:

- a) Chairman Victor reminded the audience that the CEP was created to improve communications with the communities and open a two-way flow of information; the CEP is not a decision-making body
- b) The presentations from tonight can be found on SONGScommunity.com, as well as live streaming, links for signing up for public walking tours of the plant site, and more
- c) SCE information booths, staffed by SCE personnel, are available before the meeting and during the break
- d) The main topic tonight is the long term stewardship of spent fuel storage on the site
- e) Today the Department of Energy (DOE) issued a document summarizing public input received at a number of meetings on "Designing a Consent-Based Siting Process" and this document is available on SONGScommunity.com
- f) A structured public comment period follows the presentations. Comments may be submitted any time to nuccomm@songs.sce.com and those comments submitted within 5 business days of the CEP meeting will be made part of the official record for the meeting

NOTE: VIDEO OF THIS MEETING, SPEAKER PRESENTATIONS, AND TRANSCRIPTS ARE AVAILABLE ON SONGScommunity.com AND THEREFORE DETAILED CONTENT IS NOT REPEATED IN THIS DOCUMENT

3) Decommissioning Update: Progress Report, by Tom Palmisano, SCE VP of Decommissioning and Chief Nuclear Officer [Please refer to the [Decommissioning Update](#) presentation on SONGScommunity.com]

- a) Following questions from Garry Brown regarding ratepayer reimbursement for Nuclear Fuel Department of Justice settlements, Tom Palmisano agreed to provide an explanation of how the process works at a future CEP meeting

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- b) Following questions from Hon. Pam Patterson regarding the Holtec's quality assurance program, its work for Tennessee Valley Authority, and allegations of impropriety, Tom Palmisano agreed to address how SCE, the Nuclear Regulatory Commission (NRC), and the industry have vetted Holtec, including a refresh of information provided previously to the CEP

- 4) Environmental Update, by Linda Anabtawi, Senior Attorney, SCE Licensing & Environmental Law [Please refer to the Environmental Update presentation on SONGScommunity.com]**
 - a) Dan Stetson asked that the CEP Members be provided the cost of removing the Unit 1 Conduits vertical risers/structures

- 5) Wheeler North Reef Update, by Steve Schroeter, Ecologist, UC Santa Barbara, Marine Science Institute [Please refer to the Wheeler North Reef Update presentation on SONGScommunity.com]**

- 6) Dry Cask Storage of Used Nuclear Fuel, by Tom Palmisano, SCE VP of Decommissioning and Chief Nuclear Officer [Please refer to the Dry Cask Storage of Used Nuclear Fuel presentation on SONGScommunity.com]**
 - a) Tom Palmisano stated an acronyms list would be provided in the future
 - b) Garry Brown asked for a financial review of dry cask storage at a future meeting
 - c) Chairman Victor asked to have financial updates provided in all future presentations on dry cask storage

- 7) CEP General Updates**
 - a) 2017 CEP Agenda
 - i) Chairman Victor requested members of the public complete and submit the 2017 CEP Agenda Forecast/Recommendations page provided in the handout. The recommended topics will be provided to the CEP Members for discussion
 - (1) Glenn Pascall stated the Sierra Club would like to see continued dialogue on Consolidated Interim Storage as well as a long term repository
 - (2) Hon. Jerry Kern and Hon. Bob Baker are interested in the results of the seismic studies, especially tsunami risk off the coast
 - (3) Ted Quinn asked that used fuel transportation issues be added to the list, as well as the Navy interface, and contract oversight of both ISFSI and the Decommissioning General Contractor
 - (4) Chairman Victor has received email requests to invite Waste Control Specialists (West Texas) and Holtec Eddy Lea Energy Alliance (New Mexico) to a CEP meeting or workshop to discuss Consolidated Interim Storage
 - (5) Hon. John Alpay would like to see transportation infrastructure discussed
 - (a) Chairman Victor requested that the Department of Transportation (DOT) and DOE preliminary report issued last year to be distributed to CEP Members
 - (6) Hon. Pam Patterson requested a cancer analysis performed for the SONGS surrounding area
 - (a) Chairman Victor stated the National Academy of Sciences studied the issue and were unable to provide firm answers; Chairman Victor will follow up on the issue
 - (i) Ted Quinn believes research is being planned by the Nuclear Regulatory Commission or the Department of Energy

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- (7) Hon. Pam Patterson requested an independent third party inspection of the plant and subsequent report, a request that Hon. Pam Patterson said she originally made in 2003
 - (a) Chairman Victor and Tom Palmisano both stated that the US NRC is the designated independent third party inspector
 - (b) Hon. Pam Patterson to provide her 2003 letter to CEP Members

8) Chairman Victor Facilitated the Public Comment Period

- a) Public Comments were made by the following individuals:
 - i) Vinod Arora (AVP Arora International): steam generator tube leak
 - ii) Donna Gilmore (SanOnofreSafety.org): potential canister degradation
 - iii) Judy Jones (SanOnofreSafety.org): canister selection
 - iv) Marni Magda (Sierra Club): canister licenses
 - v) David Eisenstein (Monstah PAC): transfer of nuclear waste
 - vi) Patricia Borchmann (SanOnofreSafety.org): canister degradation
 - vii) David Golman: nuclear waste/exposure
 - viii) Carlos Meneses: safety plans against terrorists
- b) Dan Stetson and Glenn Pascall facilitated dialogue based on themes conveyed during the Public Comment Period:
 - i) In regards to the steam generator tube leak, Tom Palmisano explained that operational data for Units 2 & 3 have been provided to the NRC and is accessible to the public
 - ii) Chairman Victor addressed the disposition of waste policy and attempts to identify a political road map
 - (1) Action for future meeting to include when and how the CEP looks at moving forward with Consolidated Interim Storage (CIS) priorities and addressing the standard contract in the interest of moving San Onofre fuel higher in priority for pick-up
 - iii) Dan Stetson read a question submitted in writing asking who is liable if a canister were to fail, and who is liable for any damage to property or personal injury that might result from a potential leak
 - (1) Tom Palmisano stated SCE is responsible for the canisters and asked for an action item so that SCE can respond to the balance of the question
 - iv) State Lands Commission performed an environmental impact report, so why was the California Coastal Commission (CCC) not required to follow the same process?
 - (1) Linda Anabtawi explained that the CCC is an authorized certified regulatory program and are exempt from certain California Environmental Quality Act requirements, such as the preparation of an EIR, but the CEC has state-approved functional equivalents, such as the Coastal Act for the CCC, for which they prepared an analysis staff report
 - v) Tom Palmisano provided additional information on canister inspections techniques under development, such as Non-Destructive Examinations, robotics, Eddy Current Testing, ultrasonic testing, etc.
 - vi) Chairman Victor informed that a year and a half ago the CEP had a presentation on Emergency Planning and asked that the topic be added to the potential list for 2017 Agenda topics, if in fact there was something new to share
 - vii) Tom Palmisano talked about the life expectancy of the canisters (60 years design life) and how long they are expected to be on site (2049 current assumption), and this topic will be revisited a number of times over the next few years

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- viii) When all the fuel has been removed from the site, the demolishing of the ISFSI structure will be subject to environmental reviews
- ix) Decline of rigor in environmental standards is being monitored by the Sierra Club (e.g., South Coast Air Quality Management District)
- x) Chairman Victor requested that Rob Oglesby’s presentation on seismic risks be shared with Scripps
- xi) Chairman Victor asked Donna Gilmore to send him the calculations used by the Koeberg Nuclear Power Station in South Africa that she is referencing; also, in reference to her statement that senior people in the government were unaware of a lot of things – please send Chairman Victor an email with the specifics
- xii) Ted Quinn encouraged the public to read “Designing a Consent-Based Siting Process” and this document is available on SONGScommunity.com

9) Meeting adjourned at 8:30 p.m.

10) Action Items:

	Action Item Description	Comments
1	Tom Palmisano to provide an explanation of the process used for ratepayer reimbursement from Nuclear Fuel Department of Justice settlements	
2	Tom Palmisano to address how SCE, the NRC, and the industry have vetted Holtec, including a refresh of information provided previously to the CEP	
3	Provide CEP Members the cost of removing the Unit 1 Conduits vertical risers/structures	
4	Provide acronyms list at future meetings	
5	Tom Palmisano to provide a financial review of dry cask storage at a future meeting; as this topic will be revisited frequently in the future, Chairman Victor requested that financial updates always be included	
6	Distribute to CEP Members the DOT and DOE preliminary report issued last year	Document entitled “US Government Accountability Office, Spent Nuclear Fuel: Legislative, Technical, and Societal Challenges to its Transportation” will be distributed
7	Hon. Pam Patterson to provide to the CEP Members her 2003 request for an independent third party inspection of the plant	
8	Chairman Victor asked that a future meeting include when and how the CEP looks at moving forward with CIS priorities and how to address the standard contract so as to move San Onofre fuel higher in priority for pick up	

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9	Dan Stetson to provide written request for SCE to address the question (in its entirety) regarding liability for property damage or personal injury resulting from a nuclear accident and who would pay for such damages	
10	Add Emergency Planning topic to potential 2017 Agenda topics	
11	Provide Scripps with Rob Oglesby's seismic presentation prior to Scripps briefing the CEP on its most recent seismic study for San Onofre	