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# **Community Engagement Panel Public Meeting**

## **Transcript of Proceedings**

**Date: 11/10/2016**

**Job #: 603530**

Court Reporting – Videoconferencing – Trial Presentation – Nationwide Networking

**Hermosa Beach - Irvine - Riverside - San Diego - Las Vegas**

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SAN ONOFRE DECOMMISSIONING  
COMMUNITY ENGAGEMENT PANEL MEETING  
STATE OF CALIFORNIA, COUNTY OF ORANGE  
  
TRANSCRIPT OF VIDEOTAPED PROCEEDINGS  
OCEANSIDE, CALIFORNIA  
THURSDAY, NOVEMBER 10, 2016

Reported by:  
CARLOS R. HICHO  
CSR No. 13111  
Job No. 603530

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SAN ONOFRE DECOMMISSIONING  
COMMUNITY ENGAGEMENT PANEL MEETING  
STATE OF CALIFORNIA, COUNTY OF ORANGE

Transcript of proceedings, taken at  
1938 Avenida Del Oro, Oceanside, California  
92056, commencing at the hour of 5:30 P.M.,  
THURSDAY, NOVEMBER 10, 2016.

1 COMMUNITY ENGAGEMENT PANEL MEMBERS PRESENT:

2 DR. DAVID G. VICTOR  
3 CEP CHAIRMAN  
4 UNIVERSITY OF CALIFORNIA, SAN DIEGO

5 TIM BROWN  
6 CEP VICE CHAIRMAN  
7 SAN CLEMENTE MAYOR

8 DAN STETSON  
9 CEP SECRETARY  
10 OCEAN INSTITUTE

11 TOM PALMISANO  
12 VICE PRESIDENT, DECOMMISSION  
13 AND CHIEF NUCLEAR OFFICER AT SONGS  
14 (Not Present)

15 JIM MADIGAN  
16 DIRECTOR of NUCLEAR OVERSIGHT,  
17 SAFETY CULTURE AND REGULATORY AFFAIRS

18 TED QUINN  
19 AMERICAN NUCLEAR SOCIETY  
20 SAN DIEGO CHAPTER

21 DR. WILLIAM PARKER  
22 UNIVERSITY OF CALIFORNIA, IRVINE

23 GLENN PASCALL  
24 SIERRA CLUB

25 CARLOS OLVERA  
MAYOR OCEANSIDE

TOM CAUGHLAN  
CAMP PENDLETON

PAM PATTERSON  
OCEANSIDE  
MAYOR PRO TEM

25 (Continued.)

1 COMMUNITY ENGAGEMENT PANEL MEMBERS PRESENT:

2 GARRY BROWN  
ORANGE COUNTY COASTKEEPER

3 RICH HAYDON  
4 CALIFORNIA STATE PARKS

5 LISA BARTLETT  
ORANGE COUNTY SUPERINTENDENT  
6 5TH DISTRICT

7 JIM LEACH  
CHAIRMAN  
8 SOUTH ORANGE COUNTY ECONOMIC COALITION

9 GUEST SPEAKERS PRESENT:  
10

11 SARA KAMINSKE  
ASSISTANT EMERGENCY MANAGER FOR ORANGE  
COUNTY SHERIFF and IPC CHAIR

12 DAN DOMINGUEZ  
13 UTILITY WORKERS UNION OF AMERICA  
LOCAL 246

14 CHARLES LANGLEY  
15 EXECUTIVE DIRECTOR OF PUBLIC WATCHDOGS

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1 THURSDAY, NOVEMBER 10, 2016

2 OCEANSIDE, CALIFORNIA

3 5:30 P.M.

4 \* \* \*

5 CHAIRMAN DR. VICTOR: My name is David Victor.  
6 I'm chairman of the Community Engagement Panel. On  
7 behalf of Dan Stetson, Secretary, and Tim Brown, Vice  
8 chairman, I want to welcome all of you to our meeting  
9 tonight, which is to look back at the last three,  
10 almost three years, of the Community Engagement Panel  
11 and see what's happened, what's working, what's not  
12 working, and also where we might be headed in the  
13 future and how we can make this mechanism as effective  
14 as possible.

15 Just a couple of safety notices before we get  
16 started: And if you need to evacuate the building,  
17 there are exits, emergency exits, marked with "Exit."  
18 There's one right in the back there and, of course, the  
19 door that you came through when you entered this room.

20 We have two officers from the Orange County  
21 Sheriffs Department. I want to thank them for their  
22 service, for being here for our security this evening.

23 The Community Engagement Panel, as all of  
24 you've now heard me say many times, but it's worth  
25 saying every single time we meet, is an institution

1 set up by Edison, designed to open a conduit, a two-way  
2 conduit, between the communities affected by the  
3 decommissioning process and the operator of the  
4 decommissioning plant, Southern California Edison.

5 And so there might be a whole range of views  
6 that people have about what -- whether the plant was a  
7 good idea to build in the first place and what happened  
8 in the past and so on and those, I'm sure, we'll talk  
9 soon about that tonight.

10 But the idea is to be as pragmatic as possible  
11 to help Edison understand what the communities care  
12 about as effects the decommissioning process and to  
13 help the communities understand what Edison is doing  
14 and its contractors are doing and why, if adjustments  
15 are needed, where those adjustments might -- might be  
16 needed and so on.

17 We're not a decision-making body, not a formal  
18 decision-making body. There are a lot of those and a  
19 lot of regulatory bodies, but we're not one of them.

20 There's a website, [www.SONGScommunity.com](http://www.SONGScommunity.com),  
21 where you can sign up for meeting reminders, reminders  
22 about the meeting, such as tonight, and to see all the  
23 documents that are circulated to the Community  
24 Engagement Panel, all of our correspondence, official  
25 correspondence.

1           The screen has now gone to iTunes, so there is  
2 no iTunes connection on that site, as far as I know,  
3 but you never know. It's been an unusual week, so we  
4 could see anything.

5           The -- including the draft slide decks, and so  
6 we'll put -- we put on your chairs copies of slides  
7 that are going to be difficult to see, but circulate  
8 the entire deck as it's circulated to the Community  
9 Engagement Panel along with other advance materials  
10 there, those livestreaming copies of earlier meetings  
11 and so on. You can also sign up for walking tours of  
12 the plant. The next walking tours are the 7th and the  
13 17th of December, 9:00 a.m. to 11:00 a.m.

14           Many of you saw the decommissioning booths.  
15 I'd have to say that the booths are becoming more and  
16 more informative. They now have models of some of the  
17 different pieces of equipment, in particular the dry  
18 cask storage system that's being constructed on the  
19 site right now. Those will be staffed during the break  
20 as well.

21           If you want to make a comment during the  
22 public comment period, please sign up and we'll do as  
23 we do every meeting, we'll call the names that are  
24 signed up for public comment. Dan and Tim will monitor  
25 the comments and help facilitate a dialogue.



1           And then if you don't want to make a comment,  
2 public or in person, you can send an email to  
3 nucomm@SONGS.sce.com. You may want to write that one  
4 down otherwise it'll be a little hard to memorize.

5           But you can send an email to that address or  
6 to me and it'll become part of the official record and  
7 we're organizing comments and responding to them and  
8 keeping track of that, and you'll see hopefully  
9 continued efforts to improve that tonight.

10           We're Livestreamed to the world tonight and so  
11 -- as with everything meeting. And so, panel members,  
12 as you make your comments, please state your names so  
13 the folks at home can -- can know who is talking.

14           I'll call out various action items that we  
15 will memorialize so we make sure we get back to people  
16 on things that come up, and I really look forward to --  
17 to tonight's discussions.

18           I got -- I learned, as I walked in, that  
19 tonight is also the 244 -- 244th birthday of the Marine  
20 Corps and the plant is on Marine Corps property, and I  
21 really want to -- happy birthday to the Marine Corps.  
22 It's really terrific news.

23           And I know many of you, in various ways, have  
24 relationship with the marines and so if various  
25 birthday cakes come out from underneath your seats and

1 things like that, I now understand why that is.

2 Congratulations to the -- to the Marine Corps, so.

3 So, I want to introduce some folks tonight and  
4 then we'll get right into the -- to the agenda for the  
5 meeting: First, representing SCE, which is the  
6 organization that's decommissioning the plant, normally  
7 we have Tom Palmisano with us, who is the chief nuclear  
8 officer.

9 Tom is out of the state with a family medical  
10 emergency. And we wish Tom and his family well and  
11 I've sent him a note on behalf of -- on behalf of us  
12 and he's really appreciative of that.

13 Instead of Tom tonight, we have Jim Madigan,  
14 who is Director of Nuclear Oversight, Safety Culture  
15 and Regulatory Affairs and Technical Advisor to the  
16 CNO, Chief Nuclear Officer, Tom Palmisano.

17 Jim has been centrally involved in every  
18 aspect of decommissioning of this plant, including the  
19 work of the Community Engagement Panel. So you may not  
20 have seen Jim as much as you've seen Tom, but he's been  
21 there at every step of the way.

22 I also want to acknow -- acknowledge some  
23 invited guests who are going to be on the panel later  
24 in our meeting tonight: Sara Kaminske, Chair of the  
25 Interjurisdictional Planning Committee for San Onofre

1 and Assistant Emergency Manager for the Orange County  
2 Sheriffs Department.

3 Representing Organized Labor, we're going to  
4 have Dan Dominguez, President of the Utility Workers,  
5 Union of America Local 246; and representing civil  
6 society and some voices from civil society, we had  
7 asked Gary Headrick, who is cofounder of San Clemente  
8 Green to speak.

9 Gary had an unexpected medical emergency and  
10 surgery yesterday, and I have sent Gary our wishes,  
11 best wishes as well. But I'm really pleased that  
12 Charles Langley can step in tonight and -- from Public  
13 Watchdogs and make Gary's com -- remarks and also help  
14 us in that panel discussion, which we'll get to a  
15 little bit later in the agenda tonight.

16 So we're going to talk tonight about how  
17 things look after three years and I want to first give  
18 the floor to Jim Madigan to give us these updates, as  
19 is custom in each of these meetings, give us an update  
20 on what's happening with the plant and lead us through  
21 some discussions from the perspective of Southern  
22 California Edison of what they've seen over the last  
23 three years, what's been important and less so.

24 And then we're going to have a segment of the  
25 meeting where members of the Community Engagement Panel

1 are going to offer some -- some views from their point  
2 of view and then we're going to hear from this terrific  
3 panel of three different segments of civil society who,  
4 in various ways, have been very engaged in this  
5 process.

6 So, right now I give the floor to you, Jim  
7 Madigan.

8 MR. MADIGAN: Thank you, David, and panel  
9 members and ladies and gentlemen. I appreciate the  
10 opportunity to speak tonight. So I'm just going to  
11 work right into the slides.

12 So with -- along with the theme of where we've  
13 been and where we're headed, the first thing that we  
14 did when we established our plan going forward with  
15 respect to decommissioning the facility was to  
16 establish a set of core principles by which we would  
17 operate under and every decision that we make is placed  
18 within these core principles:

19 And they are Safety, to safely decommission  
20 San Onofre both from a personnel safety and an  
21 environmental safety aspect, Stewardship, we want to  
22 leave the community better off, we want to take care of  
23 the trust fund; and certainly we want to engage all the  
24 stakeholders involved in what we're doing at  
25 San Onofre.

1           This is one of the handouts that I think you  
2 have on your chairs. This is always very difficult to  
3 read, so you should have a copy of this.

4           So let me just go through and explain. To the  
5 left of the bold vertical line is divided up by  
6 quarters, starting with the first quarter of 2014.

7           So as I look back on what we've done since we  
8 made the decision to shut down the plant, I look at the  
9 planning phase and really that's really the major  
10 portion that's on the left-hand side of that bold line,  
11 so the planning phase includes all the regulatory  
12 interactions that are necessary.

13           We went through that. We've had presentations  
14 in front of the Community Engagement Panel. We've had  
15 discussions with the communities on that. So as we  
16 move through to get to that bold line right now, that's  
17 really bringing us up to the point at which we are  
18 today, where we are about to select and award the  
19 contract to the decommissioning general contractor and  
20 then, once we have all the state approvals, we'll start  
21 into the work in earnest.

22           So to the left of the bold line really all the  
23 planning phases and then to the right it goes  
24 year-by-year and really the critical path there is  
25 continuing to move fuel, getting the decommission --

1 decommissioning general contractor in place and working  
2 through all the state agencies to get the permits to do  
3 the work that we need to do.

4           So a lot of NRC requirements. This is just  
5 really some of the submittals that we've had approved  
6 to date. We had a lot of interaction for the  
7 post-shutdown decommissioning activities report.

8           I'm not going to go through each one of these.  
9 These are all approved through the planning phases all  
10 the way up to the defuel quality assurance plan, which  
11 is now in place.

12           The NRC license pending submittals that we  
13 have. We've submitted our license amendment request  
14 for our cyber security program. It's a regulated  
15 program that requires certain aspects of work to be  
16 completed, so we're working with the NRC to find out  
17 exactly what is necessary at the decommissioned  
18 facility. We also have exemption requests in place for  
19 off-site and on-site insurance.

20           So a lot has occurred since 2014 at the site.  
21 Certainly, we started with the -- placing the plant in  
22 a situation where we could actually begin the  
23 decommissioning planning, which was to remove all the  
24 fuel from the reactor and get it safely stored in the  
25 spent fuel pools.

1           The next initiative there, Cold and Dark:  
2     We've had many updates on that. That is really what we  
3     needed to do in order to put the plant in a safe  
4     condition, which means take all the energy,  
5     electricity, and all the hazards out of the systems  
6     that the decommissioning general contractor will  
7     eventually come in and start working on.

8           So, involved in that is changing systems that  
9     are still appropriate to the operating at the station  
10    on to a separate electric supply that is safely  
11    configured for the demolition work that will happen  
12    sometime in the near future.

13           Islanding the spent fuel pools: We still have  
14    the Unit 1 -- or Unit 2 and Unit 3 spent fuel pools  
15    that are safely storing the used nuclear fuel. We need  
16    to keep those pools cool in accordance with the  
17    requirements to safely store the fuel, so we've  
18    installed highly redundant safety systems that will  
19    maintain the pools' environment so that the fuel is  
20    stored in a safe configuration.

21           We're currently on those islanded spent fuel  
22    pool systems and that allowed us to reduce our  
23    dependance on the ocean for cooling water.

24           MR. QUINN: Jim?

25           MR. MADIGAN: Yes.

1 MR. QUINN: Jim, do you --

2 CHAIRMAN DR. VICTOR: Ted Quinn.

3 MR. QUINN: Ted Quinn. Do you still -- do you  
4 still take water in from the ocean?

5 MR. MADIGAN: Yes.

6 MR. QUINN: You do?

7 MR. MADIGAN: A very small amount.

8 MR. QUINN: Right. For this? For the spent  
9 fuel pool?

10 MR. MADIGAN: Oh, no, not for the spent fuel  
11 pooling. It's still for our permits that we have with  
12 the -- the San Diego water permits for releasing --

13 MR. QUINN: Okay.

14 MR. MADIGAN: -- like our sewage treatment  
15 plant and things like that.

16 MR. QUINN: Okay.

17 MR. MADIGAN: So another thing that we've  
18 accomplished is the -- we're beginning this  
19 construction of the independent spent fuel storage  
20 installation.

21 This picture depicts, in blue there, the  
22 location of the final construction of the independent  
23 fuel storage pad. Just to the other side of that is  
24 the existing storage pad, so we'll have two systems  
25 side by side stored there.



1           Construction has already started; it's well  
2 underway. I don't have a picture of the construction.  
3 This is a rendition of what it will look like once the  
4 construction is complete.

5           This is -- I don't know if you have a copy of  
6 this one, but really this is a project schedule, so you  
7 can get some kind of idea of when the construction will  
8 be complete. We expect that to complete sometime in  
9 the middle of next year. We are continuing to  
10 fabricate the canisters that are necessary to store the  
11 fuel so that schedule goes on out.

12           And then, certainly, the security systems that  
13 are necessary to support the movement of the fuel over  
14 to the new facility and, of course, going all the way  
15 out into 2019 is the fuel campaign where we're actually  
16 moving the fuel.

17           CHAIRMAN DR. VICTOR: Are we still --

18           Jim, this is David Victor.

19           To the previous slide, I assume this is -- can  
20 we go back there? Thanks. Thank you very much.

21           This is exactly the same information that's on  
22 that giant time line that nobody could read. Are we --  
23 is this plan still on track to begin off-loading of  
24 fuel in early 2018, which will be a distal, a little  
25 more than a year from today?

1 MR. MADIGAN: Yes, we are on track. That  
2 includes the completion of the spent fuel storage  
3 facility and the security facility that goes along with  
4 it, so we're still on track with all that.

5 CHAIRMAN DR. VICTOR: And then when will the  
6 pools -- the pools will be demolished then once that  
7 process is complete, which would be the middle of 2019?

8 MR. MADIGAN: So I'll say the pools will be  
9 empty around the middle of 2019 and then the  
10 decommissioning general contractor, in accordance with  
11 their schedule for demolition, will then begin taking  
12 down the plant, so they'll be available to the  
13 contractor at that point for removal.

14 CHAIRMAN DR. VICTOR: My impression is, it  
15 will be -- because this is a very large contract and  
16 will have a large impact on jobs and so on, I think it  
17 will be very helpful for the communities to have an  
18 opportunity to meet the general contractor, you know,  
19 at some appropriate time. Obviously, you've got a lot  
20 of contractual things to sort out with that company,  
21 but it will great to meet that organization sometime.

22 MR. MADIGAN: Certainly. And I think as part  
23 of today's or tonight's agenda, we're going to talk  
24 about what we're going to bring to the Community  
25 Engagement Panel in next year's agenda and one of those

1 items, in early 2017, will be to get the DGC or the  
2 general contractor here.

3 CHAIRMAN DR. VICTOR: Are there any other  
4 questions from the CEP about the discussions -- about  
5 the presentation so far? I know you're going to go and  
6 deeper-dive in the three topics in just a moment. But  
7 I want to see if there are any other comments or  
8 questions so far.

9 Carry on.

10 MR. MADIGAN: Thank you.

11 So we have some questions that we wanted to --  
12 to answer as a result of previous meetings and  
13 inquiries and these are the two topics:

14 The Department of Energy spent fuel  
15 litigation: Cost recovery and ratepayer -- ratepayer  
16 refunds; and the decommissioning finance briefing.

17 So first let's talk about the litigation.

18 For years, since the Waste Policy Act in 1982,  
19 the government has been collecting money for the  
20 eventual storage of used nuclear fuel.

21 Since we have not had a solution provided to  
22 the industry, it came to a point where the industry  
23 decided to go try to recover those funds, and we've  
24 been doing that and that's what the spent fuel  
25 litigation is all about.

1           So we use litigation to recover the cost as a  
2 result of the breach of the Department of Energy  
3 contract. So far, you can see the numbers there, 304  
4 million recovered to date by SONGS. The 2016  
5 settlement provides a claim process from 2014 to '16  
6 and then we just kind of circle back and continue to do  
7 this for as long as we need to.

8           Damages recovered by SCE are subject to the  
9 California Public Utilities Commission's review and  
10 then how those funds are disbursed are all in agreement  
11 with the CPUC. So, questions on that?

12           CHAIRMAN DR. VICTOR: Ted.

13           MR. QUINN: So -- Ted Quinn. About every two  
14 years you -- you do this again? Is it two or three  
15 years?

16           MR. MADIGAN: Yes, until we get the full  
17 recovery. And we stopped paying, so there'll be some  
18 end -- end date that we'll -- we don't have to pay  
19 anymore and we don't have to make any recoveries  
20 anymore.

21           CHAIRMAN DR. VICTOR: Bill Parker.

22           MR. PARKER: Bill Parker.

23           Quick question: Is this litigation a contra  
24 -- a confrontational litigation or is it simply the  
25 process which you have to go through to recover funds?

1 MR. MADIGAN: It's simply a process by now.

2 The process really involves how much on the  
3 dollar you're going to get recover and it's fairly  
4 consistent across the industry.

5 CHAIRMAN DR. VICTOR: So this is a litigation  
6 with a smile?

7 MR. MADIGAN: No, it's never litigation with a  
8 smile, but it's -- we don't go in there with guns  
9 ablazing.

10 CHAIRMAN DR. VICTOR: But can you -- can you  
11 say a couple of words about what's going to happen with  
12 all the moneys? For example, is the money used for the  
13 longer term stewardship of the casks on site because  
14 they're going to be there longer than people expect it?

15 Is it going to be used for consolidated  
16 interim storage? We're going to talk about it later.  
17 What do you -- is it just given back to the ratepayers?

18 What -- what are you doing with it though?

19 MR. MADIGAN: So part -- part of the money  
20 will eventually go back to the ratepayers. Like I  
21 said, the California Public Utilities Commission  
22 manages how that money gets disbursed, including to the  
23 trust fund back to expenses to the company or to the  
24 ratepayers.

25 CHAIRMAN DR. VICTOR: Any other comments or

1 questions? Okay. I wanted to emphasize something,  
2 which is, several meetings people have raised questions  
3 about the overall trust fund and its adequacy, and  
4 early on in this panel some folks raised the question,  
5 a completely legitimate question, about whether this  
6 panel should somehow get involved in oversight of these  
7 funds; and that's outside our competence and there are  
8 lots of other groups doing that oversight.

9           So the purpose of this segment, of this  
10 update, was to give people an update about the money  
11 and where you think it's going but not to, you know,  
12 reopen this question of some kind of more intensive  
13 role by the Community Engagement Panel here.

14           MR. MADIGAN: So my intent was not to just say  
15 "We've got a trust fund and it's divided into three  
16 areas and it equals 4.4 billion."

17           There were really four specific things that  
18 were asked and I wanted to address those using this one  
19 slide: The first being who -- who really takes care of  
20 that trust fund and it's really overseen by a  
21 five-member trust committee and it's regulated by the  
22 California Public Utilities Commission.

23           So it's not sitting in our coffers. It's  
24 regulated. It's overseen by a group of folks that make  
25 sure that it's handled appropriately. The trust funds

1 are fully funded, so we stopped collecting and we  
2 believe that no additional collections are going to be  
3 necessary at this time.

4 Some question came about, "Does the 4.4  
5 billion include contingency funds?" I don't know who  
6 asked the question. But, yes, it does, it includes the  
7 25 percent contingency.

8 And does it include the money for the removal  
9 of the offshore conduit? I think was the specific  
10 question. And, yes, it does, and that also includes  
11 the 25 percent contingency.

12 So all of the functions that are necessary to  
13 return the land back to the owner are in place.

14 Tim?

15 MR. BROWN: Is that a net present value  
16 calculation or is that the amount of money that's going  
17 to be expended over a period of time?

18 MR. MADIGAN: Now you're getting into this  
19 financial stuff.

20 MR. BROWN: Oh, sorry.

21 MR. MADIGAN: I'm going to really give  
22 technical advice from a nuclear perspective.

23 MR. BROWN: No, sorry about that.

24 MR. MADIGAN: I can tell you it's 2014  
25 dollars. So I don't -- I don't have the financial

1 answer to answer that question.

2 MR. BROWN: Okay. Just a curiosity.

3 CHAIRMAN DR. VICTOR: But that's the current  
4 value of the trust fund in contemporary dollars, which  
5 means that is presumably accruing at --

6 MR. MADIGAN: It continues to accrue.

7 CHAIRMAN DR. VICTOR: Right.

8 MR. QUINN: So if you don't use the 25  
9 percent, it goes back to the ratepayers; is that  
10 correct?

11 MR. MADIGAN: So whatever funds are left over,  
12 yes.

13 MR. QUINN: Okay.

14 MR. MADIGAN: It goes back through the CPUC  
15 to --

16 MR. QUINN: Okay.

17 MR. MADIGAN: -- be refunded in whatever way  
18 is determined. Oh, I should ask. Any more questions  
19 on the budget?

20 CHAIRMAN DR. VICTOR: Okay. So are there any  
21 other -- you're going to shift now and talk about your  
22 -- SCE's continued priorities around the Community  
23 Engagement Panel?

24 MR. MADIGAN: That's right.

25 CHAIRMAN DR. VICTOR: Are there any other



1 questions that people have about the update on the  
2 decommissioning process, where we stand there?

3 Okay. Go ahead.

4 MR. MADIGAN: So our priorities going forward.  
5 I wanted to present them in terms of our  
6 decommissioning priority. So under the heading of  
7 safety, we are going to continue the development of the  
8 dry fuel storage pad from construction to actually  
9 loading the pad, so one of our goals is to transfer  
10 that fuel from wet to dry in a safe manner all along  
11 the way, making sure that the development of the aging  
12 management programs and the defense-in-depth programs  
13 are in play.

14 The stewardship, we're heavily involved in the  
15 California Environmental Quality Act process for  
16 permitting for the work that we're going to do.

17 And as I mentioned earlier, we're very close  
18 to awarding the contract to actually start the work  
19 once we have it permitted. And then top priority from  
20 an engagement perspective is making consolidated  
21 interim storage a reality and we'll talk about that  
22 later.

23 So SCE supports all the safe and reasonable  
24 solutions for moving used fuel off site and  
25 consolidated interim storage initiative right now

1 involves two sites, one in New Mexico and one in Texas.  
2 Both private companies are trying to license those  
3 facilities right now: One, the Waste Control  
4 Specialists in Texas. They've already submitted their  
5 license and Holtec soon to follow.

6 The Department of Energy's consent-based  
7 siting already had the public meetings all the way  
8 across the nation. They're still working to draft  
9 their report and, of course, the DOE is continuing --  
10 continuing to work on their next steps to prepare in  
11 the eventual use of a consolidated storage site if the  
12 approvals come through.

13 And, of course, the bipartisan policy center  
14 really pushing and that's where it really all got  
15 started, really pushing for this solution and follow up  
16 on the recommendations they made for this step.

17 Any questions on consolidated interim storage?

18 CHAIRMAN DR. VICTOR: Ted Quinn.

19 MR. QUINN: Have you -- have you talked to  
20 either of the sites, consolidated interim storage  
21 sites?

22 MR. MADIGAN: Well --

23 MR. QUINN: At Edison?

24 MR. MADIGAN: Have we talked to the sites?

25 We're in contact with the -- the people who

1 are submitting the license for those facilities.

2 MR. QUINN: Good.

3 MR. MADIGAN: We're in constant contact with  
4 those guys.

5 MR. QUINN: Okay.

6 CHAIRMAN DR. VICTOR: Let me just mention that  
7 I received, and then we've shared with this group,  
8 correspondence from both sites, one of them from the  
9 waste in the West Texas site, from the actual operator,  
10 AREVA, of the site, and the other one from the  
11 government, local government in New Mexico, and I think  
12 they're ready to come and meet with us and talk with us  
13 whenever the time is right.

14 Go ahead.

15 MS. BARTLETT: It's great to have the -- the  
16 prospect of the consolidated interim storage for the  
17 two locations, but I know we need to work through the  
18 process of getting the enabling legislation.

19 We've got, I believe, Senator Feinstein and  
20 Congressman Issa have two pieces of legislation that  
21 are pending in DC to allow us to accomplish these goals  
22 to these private properties and then also working on  
23 the funding; is that correct? Do we have a status  
24 report on where the legislation is at this point?

25 MR. MADIGAN: I can't give you the exact

1 status. But you're -- you're correct. They are --  
2 they are working towards those solutions. There is a  
3 lot of discussion going on. Of course, it was kind of  
4 delayed through the election process, but we expect it  
5 to gain momentum again.

6 And, yes, it does require that the Department  
7 of Energy and congress get involved in making the rules  
8 and making this possible.

9 MS. BARTLETT: Okay. The County of Orange and  
10 certainly myself, representing the 5th District for the  
11 south county cities, we're going to be working very  
12 closely with the county and both Senator Feinstein and  
13 Congressman Issa to -- there are some little flaws in  
14 the legislation, so we're going to try to work on those  
15 items, but making sure that those two pieces of  
16 legislation move forward because we really can't do  
17 anything to get the interim consolidated storage, get  
18 the spent fuel rods off site until the legislation  
19 passes and then we also work on the funding through the  
20 legislation as well.

21 CHAIRMAN DR. VICTOR: Great. Well, thank you  
22 very much. And let's have a fuller conversation about  
23 exactly that topic later because we've -- we have put  
24 together a con -- strategic plan to make sure that all  
25 of us know what each other is doing and let's come back

1 to exactly that topic. I think that is my view; that  
2 is topic number one that we need to keep on working,  
3 and I think we're making a lot progress.

4 Any other questions about CIS?

5 Can I ask you one here? Which is, everybody  
6 is focused on these two sites. It seems to me that we  
7 have an interest in as many possible sites coming  
8 forward as -- as imaginable because then that reduces  
9 the risk that any one site will run into trouble and  
10 that'll be problematic.

11 Have you heard anything about other sites?

12 MR. MADIGAN: I was at a conference at the  
13 beginning of October. The industry -- the industry is  
14 very interested in this, as you can imagine. There are  
15 other discussions taking place, but none of them have  
16 reached anywhere near the formal progress that I would  
17 say AREVA and Holtec have made with the New Mexico and  
18 Texas facility.

19 CHAIRMAN DR. VICTOR: But it's possible? It  
20 sounds like it's possible other sites.

21 MR. MADIGAN: It certainly is possible.  
22 There's talk about Tennessee as well.

23 CHAIRMAN DR. VICTOR: Okay. Okay. Right.

24 Excellent. Thank you.

25 MR. MADIGAN: And, of course, one of our main

1 priorities is to safely manage and store the used fuel  
2 until it can be removed from the site and be prepared  
3 should we get the permission to be able to move it.

4 There are safe and reasonable options to  
5 remove the nuclear fuel from San Onofre. We're talking  
6 about consolidated interim storage. There may be some  
7 emphasis now put back on an ultimate repository. We're  
8 not just focused on one front. We're focused on all  
9 fronts in supporting the entire industry to get there.

10 Oops. It went forward. I'm sorry.

11 The important thing is to recognize that this  
12 is a high priority for the station. It's a high  
13 priority for the communities and we recognize that and  
14 we're going to continue to keep focus on it.

15 Okay. From a California Environmental Quality  
16 Act perspective, the lead agency for our CEQA  
17 permitting is the State Lands Commission. As you know,  
18 they've had their series of public meetings. They've  
19 selected a consultant to build their project in their  
20 environmental impact analysis or impact survey.

21 We talked about what the ultimate disposition  
22 of the conduits would be, so there is discussion going  
23 back and forth there. So really I think the three  
24 options that they remove all the vertical risers, leave  
25 the intakes in place, that's one of the options.

1           We believe there's a benefit for doing that  
2 because it minimizes the sub -- the sea floor  
3 disturbances and maintains an existing habitat that's  
4 out there and limits the amount of disruption that we  
5 have. A lot of discussion going on with that one right  
6 now; no decision made at this point.

7           And like I said, we will be bringing the  
8 decommissioning general contractor information once we  
9 are through the process. I believe that, before the  
10 end of the year, we'll be able to award a contract and  
11 at that point we'll be preparing for the next Community  
12 Engagement Panel meeting to bring much more information  
13 forward.

14           It is a competitive bid process and it wasn't  
15 done in a vacuum here. We've used several independent  
16 parties that have vast experience doing very large  
17 projects to come in and provide an independent -- an  
18 independent look at what we're doing, including subject  
19 matter expert reviews of each step as we've gone along  
20 the way. And like I said, we're really close to this.

21           CHAIRMAN DR. VICTOR: Can you say a couple of  
22 words about the oversight, regulatory oversight, you've  
23 had in that process?

24           I assume the Public Utilities Commission is  
25 interested because it's going to cost a lot of money or

1 somebody is going to be interested in that as a  
2 regulator, and I would think that the Nuclear  
3 Regulatory Commission would be interested because of  
4 nuclear safety issue. Just tell us a little bit about  
5 what the regulatory oversight is.

6 MR. MADIGAN: So -- so from an oversight  
7 perspective, of course, the California Public Utilities  
8 Commission is going to be interested in it. They are  
9 not taking part in the selection process. They're not  
10 involved in this at all. They will provide their due  
11 diligence as they review the work that gets done and  
12 the prudence with respect to how the work is being  
13 done.

14 The Nuclear Regulatory Commission, they're  
15 also not part of the bid process, but the bid is  
16 steeped in regulatory requirements and that is one of  
17 the major emphasis that we have with respect to  
18 awarding the contract in how these -- the bidders can  
19 actually comply with all the regulations going forward.

20 CHAIRMAN DR. VICTOR: But the obligation to  
21 comply still rests with Edison?

22 MR. MADIGAN: The license rest -- rests with  
23 Edison and it always will. The important part is  
24 providing that oversight to ensure that the  
25 requirements are being met and we start with the



1 contract and having a very firm contract in place that  
2 really delineates what those requirements are.

3 As I mentioned before, we expect to have the  
4 contract awarded by the end of the year and then there  
5 is a period of time where the general contractor will  
6 mobilize and we expect that right after we get the CEQA  
7 permitting that they will start the work in earnest and  
8 the duration right now and the schedule is 8 to 10  
9 years, but we'll know more or we'll have much more  
10 specifics once we get the contractor in place and they  
11 mobilize.

12 CHAIRMAN DR. VICTOR: Tim?

13 MR. BROWN: Quick question: We -- we had some  
14 challenges. And I know this question probably goes  
15 without asking. But we had some challenges during the  
16 recession when we had SunCal, who was developing a  
17 project in our town who couldn't perform, and we had a  
18 period of time where we actually had to fall back on  
19 our bonding to finish the improvements and to complete  
20 the project.

21 I'm assuming that whatever GC would have to be  
22 fully licensed. I mean, not -- of course licensed, but  
23 bonded completely in case of a failure to perform, in  
24 case there is a need there, that we've got backups for  
25 backups and these schedules we develop will always stay

1 on task no matter what.

2 MR. MADIGAN: So without going into great  
3 detail on what's in the contract, there was enough  
4 financial assurance with the final three bidders that  
5 went through to get to this selection, including  
6 letters of credit for just that event of significant  
7 magnitude or sufficient magnitude to be able to cover  
8 the work that they're -- they're performing as they go  
9 through. So, yes, the contract is very specific to  
10 protect us there.

11 CHAIRMAN DR. VICTOR: Vermont is going  
12 through, in parallel with us, a similar process and  
13 they're doing it now in a different way.

14 I don't know, Ted, if you want to ask any  
15 questions about that.

16 Ted and I have had some back and forth about  
17 that process, because it's just -- it seems like  
18 they're going at a very different route and I'm sure  
19 eventually questions will come up as to why we're not  
20 doing the same thing.

21 MR. QUINN: So, Jim, Entergy sold the site and  
22 they sold the entire site plus the trust fund and all  
23 about two or three weeks ago to -- I can't remember --  
24 Star Core.

25 CHAIRMAN DR. VICTOR: Northstar.

1 MR. QUINN: Northstar.

2 CHAIRMAN DR. VICTOR: Uh-huh.

3 MR. QUINN: Okay. It's a different method of  
4 doing. Like Zion I think did. Is that --

5 MR. MADIGAN: So the method that you're  
6 talking about is the transfer of the license and all  
7 the requirements from an NRC perspective to that  
8 contractor. So Energy Solutions at the Zion facility  
9 transferred the license from Exelon to Energy  
10 Solutions.

11 Now, ultimately, that transfer goes back  
12 because the fuel still stays on the site and Energy  
13 Solutions, who owns that, that's an Exelon fuel, so I  
14 expect something similar to happen in the State of  
15 Vermont. But that's the model that they're following  
16 right now, is to transfer the license and have the  
17 contractor come in and own all that responsibility.

18 MR. QUINN: Okay.

19 CHAIRMAN DR. VICTOR: And if somebody asks us  
20 why -- why you're doing it this way where you continue  
21 owning the site to get a general contractor to doing  
22 all the work, what would your answer be?

23 MR. MADIGAN: We did an extensive analysis as  
24 to what the -- what the requirements are. Certainly,  
25 we saw that it had happened in the past, but it was

1 really SCE's license and SCE's responsibility and SCE's  
2 commitment to the community and we didn't want to do  
3 that.

4 CHAIRMAN DR. VICTOR: Thank you.

5 Any other questions about this?

6 (Brief pause.)

7 CHAIRMAN DR. VICTOR: Do you want to go on?

8 Thanks.

9 MR. MADIGAN: This is the last slide. It  
10 really talks about some of the aging management and  
11 defense-in-depths for the storage of the spent nuclear  
12 fuel.

13 There's a lot of work going on within the  
14 industry. We are part of every single one of those  
15 users group or industry entities. And then in the last  
16 two bullets there, we have the AREVA system, which is  
17 currently already loaded and on the -- on the ISFSI  
18 pad, the existing pad.

19 The license renewal for the containers that  
20 are being used to store that fuel will include an aging  
21 management program. And as Holtec systems are being  
22 developed, I'm sure they'll learn a lot from the aging  
23 management plan that is being instituted with the AREVA  
24 and, of course, all the other aging management plans  
25 around the country.

1 CHAIRMAN DR. VICTOR: Bill Parker.

2 MR. PARKER: Bill Parker. Let me go back a  
3 little bit with a simple question on the  
4 decommissioning, what are -- for a few brief comments,  
5 could you make a few brief comments on Southern  
6 California Edison's plan for the transportation and  
7 ultimate dispo -- disposal of low-level waste that come  
8 from the dismantling process? What's the impact on the  
9 community? How much material are you transporting?

10 What's the transport mechanisms and so on?

11 MR. MADIGAN: So let me -- let me talk about  
12 that in terms of the bid process because the bids that  
13 we received that we're in the process of reviewing and  
14 actually making the selection came with different ways  
15 of disposing of that waste.

16 Energy solutions is -- Energy Solutions  
17 actually owns the Clive Utah facility which is a  
18 licensed burial facility in the State of Utah. One of  
19 the vendors that is one of the bidders proposes  
20 submitting for an exemption for the very lowest level  
21 of waste that would go to like a RCRA facility.

22 They're talking about a facility that's not a  
23 licensed radioactive material facility, but a facility  
24 that if we got -- if they got the exemption, they could  
25 ship the waste there.

1           So there's different ways of doing it. Most  
2 of the waste will, more than likely, go out on  
3 railcars. That's about all I can really tell you about  
4 it right now. There are certain mechanisms in the  
5 regulations that provide for the disposal of the lowest  
6 level of waste all the way up to the high-level waste  
7 and then you've got your spent nuclear fuel and other  
8 waste that can't be shipped.

9           MR. PARKER: I don't know how much time you  
10 want to spend, but a related question is, what's the  
11 regulatory oversight in the community communication  
12 associated with the transport of those low-level and  
13 medium level waste materials? How do you get community  
14 engagement to schedule routes and so on?

15           MR. MADIGAN: Well, the manifest require that  
16 they communicate to the communities through the route.

17           Now, I don't know the level of engagement that  
18 the communities want to get involved with that, but the  
19 regulations require that to manifest the waste through  
20 the -- the communities, you have to make notification.

21           CHAIRMAN DR. VICTOR: Yes. So this was the  
22 source -- one of the sources of my earlier comment  
23 about meeting the contractor is, I think we need --  
24 clearly this panel is going to spend a lot of time on  
25 consolidated interim storage, and we're going to get to

1 that in a moment, and we're going to spend a lot of  
2 time on the aging, what the industry calls the aging  
3 management programs, or other people call it  
4 defense-in-depth.

5 We need to understand what's being done to  
6 make sure that the canister systems are secured and  
7 monitored and things like that, but then there's going  
8 to be this whole decommissioning process underway, so I  
9 would think to help us understand what -- what's going  
10 to happen with the waste, what the transport  
11 consultation process is going to be, I think there's  
12 just going to be an ongoing process clearly 8 or 10  
13 years where it'll be very important to -- to be fully  
14 engaged with the communities in both directions.

15 MR. MADIGAN: So each one of the contractors  
16 has a waste management plan and once the selected  
17 contractor comes to the panel, we ought to be asking  
18 those questions.

19 CHAIRMAN DR. VICTOR: Yeah. Yeah. Yeah.

20 Lisa?

21 MS. BARTLETT: Tim Brown brought up some good  
22 points with regard to making sure that the contractor  
23 follows through and we have that financial commitment  
24 to do so. So the letters of credit are great.

25 But do we also have performance bonds for each

1 of the contractors?

2 MR. MADIGAN: No.

3 MS. BARTLETT: Are we going to get performance  
4 bonds?

5 MR. MADIGAN: No. We -- through the contract  
6 that we have with the contractor, there are -- it's  
7 very clear when they're making their milestones and  
8 when they're not making their milestones and how we  
9 exit from paying them for non-performance and then  
10 ensuring that we're covered with respect to how we  
11 recover from a non-performance of a contractor.

12 MS. BARTLETT: Okay. Was there a performance  
13 bond even under consideration or did they just go  
14 straight to letters of credit?

15 MR. MADIGAN: I can't answer that question. I  
16 don't know the answer to that question.

17 MS. BARTLETT: Okay. All right. Thank you.

18 MR. MADIGAN: So that's something I can follow  
19 up on.

20 CHAIRMAN DR. VICTOR: There may be. It sounds  
21 like there is a series of questions, some of which may  
22 get into the detail of the bidding process that may be  
23 beyond us or public exposure right now. But I think  
24 there is a series of questions here that might  
25 hopefully result in a letter from Edison back to the



1 panel that we can help share with the community about  
2 what's going on in this process.

3 MR. MADIGAN: I can certainly take that back,  
4 David.

5 CHAIRMAN DR. VICTOR: Yeah. Thank you very  
6 much.

7 MR. MADIGAN: And we'll see what we can  
8 present.

9 CHAIRMAN DR. VICTOR: I'm just mindful of the  
10 time. I want to see if anybody else has comments or  
11 questions on this. Okay. I think that was your last  
12 slide.

13 MR. MADIGAN: It was.

14 CHAIRMAN DR. VICTOR: And did anyone want to  
15 say anything about the aging management or ask Jim any  
16 questions about this slide here?

17 I don't think anybody did.

18 Okay. So, now we're going to turn to the next  
19 segment of the meeting where the Community Engagement  
20 Panel is going to talk about what we've done over the  
21 last three years, not in detail but in spirit, and kind  
22 of what do we think is working, what are our priorities  
23 going forward.

24 We're going to be -- we're going to "Operate"  
25 a little bit in Whack-a-Mole mode here where each of us

1 is going to sit up and say something and then sit down  
2 spiritually at least.

3 I'm first going to talk a little bit about the  
4 goals that we've set out and I talked about in the very  
5 beginning, which is to set up this two-way conduit of  
6 communication.

7 And when I was asked to chair this process,  
8 this is this -- this is the first thing that I insisted  
9 on: That the entire process and the culture of this  
10 process be bidirectional and not just the operator  
11 telling us what's going on, but learning about what the  
12 communities care about.

13 And there are going to places where people  
14 disagree. We've seen this in -- in past meetings and  
15 that's the normal -- the normal route. But this  
16 two-way process, I think has been very important and I  
17 think we really have established that.

18 We need to make sure we are responsive to the  
19 topics that the communities care about and so we're  
20 going to have discussion a little bit about what are  
21 the topics for next year -- we've got a bunch of  
22 candidates. We'll have some more detail about that --  
23 and to focus on helping the public understand and learn  
24 about what's happening here and also help Edison  
25 understand and learn what the public cares about.

1           Because this is -- you know, we're in this for  
2 the long haul. This is a multidecadal process. And if  
3 we do not succeed in consolidated interim storage, it  
4 could be even longer than that.

5           I don't think there's much to discuss here. I  
6 want to instead get to the main parts of looking back  
7 over the last three years, give the floor first to Tim  
8 Brown, who is going to talk a little bit about the  
9 public dialogue process.

10           MR. BROWN: Well, I think one of the things  
11 that has been very illuminating for all members of the  
12 panel as well as those who've attended as members of  
13 the public is the broad array of experts that we've  
14 brought in here from government agencies, former heads  
15 of the NRC, the Department of Energy, folks who  
16 actually can make a difference in the policy  
17 deliberations.

18           That's, I think, one of the items that has  
19 been the strength of this panel is, you get this wide  
20 array of experts from a whole variety of different  
21 sources that have been able to weigh on different  
22 topics that are germane at that time.

23           And I think it's the strength of the CEP and I  
24 think it's something that absolutely should continue  
25 and to -- continue to dip into a large population of

1 different folks who are going to be part of this, the  
2 general contractor, who is going to be a part of this,  
3 as we look at storage possibilities, as we continue on  
4 CIS route.

5 And so this dialogue is important. I think  
6 it's something that is obvious -- to the obvious  
7 benefit of the community and to all of us.

8 And I think the last thing I want to say is,  
9 we have all the answers, we know everything we need to  
10 know because we don't. We rely on others to come in  
11 and to provide information and to help us balance what  
12 we receive. And so I think that has been a strength of  
13 the panel. I'd sure like to see -- I'd love it to see  
14 something that continues into the future.

15 CHAIRMAN DR. VICTOR: So we need -- what we  
16 need help with the communities to understand what other  
17 institutions we should be talking with and involving  
18 here and we'll have a chance to hear from the panel  
19 later and have other discussions.

20 I want to now focus a little bit on this issue  
21 of consolidated interim storage. And I just want to  
22 share a personal note, which is, three years ago,  
23 almost, when we began this process, the question of  
24 what to do with the spent fuel seemed like a totally  
25 impossible problem, and I think a lot of people were

1 surprised and really upset to learn that there's really  
2 no place for it to go and it seemed like that was the  
3 end of the story and that was going to be a really,  
4 really, frankly, the worst outcome -- well, not the  
5 worst outcome, but that would be a really terrible  
6 outcome.

7           The possibility of moving the fuel to some  
8 interim facility while the country engages in a debate  
9 that could go on for a long time, if not forever, about  
10 what a permanent storage facility looks like, that  
11 possibility has really changed the game. And I think  
12 this panel has spent a lot of time on that question.

13           I'm first going to ask Glen Pascall to talk  
14 about the big picture here and then what we're going to  
15 do is, we're going to zero in on a handful of areas  
16 where members of the panel and small groups from the  
17 panel have been doing a lot of work, and we're going to  
18 talk about strategic plan for what we do going forward  
19 and how do we get, in particular, the State of  
20 California more mobilized around this because I think  
21 there is a big opportunity coming up right now.

22           So, first, let me give the floor to you --

23           Oops. Let me back up. It's interesting that  
24 there is no opportunity to back up for this. It's only  
25 forward. It's like a shark.

1           Okay. Thank you.

2           Glen Pascall, the floor is yours.

3           MR. PASCALL: I'm the Chair of the San Onofre  
4 Task Force of the Sierra Club Angeles Chapter, Glen  
5 Pascall.

6           We have focused over three years gradually and  
7 at times gropingly toward a unifying goal and a central  
8 goal that has emerged for the CEP: Safely removing  
9 spent fuel from San Onofre.

10           And consolidated interim storage is more and  
11 more part of this discussion. It is a sort of  
12 consensus belief among many of us that CIS can and  
13 should advance in tandem with efforts to develop one or  
14 more permanent repositories.

15           This is not only the CEP goal, it's also the  
16 Sierra Club position. On April 21st of this year, the  
17 National Board of the Sierra Club approved a policy on  
18 nuclear plants that concludes with this sentence: "It  
19 is imperative for spent fuel from nuclear plants to be  
20 moved into safer, temporary storage and for an  
21 effective long-term storage strategy to be developed as  
22 quickly as possible."

23           The CEP Strategic Plan, which you all have,  
24 has been widely lauded for its excellence and it's  
25 going to be explored in just a couple of minutes. The

1 plan identifies elements related to the three outcomes  
2 you see on the current display: Building Support at  
3 State and Local Levels. This goal calls for an  
4 effective consent-based process supported by host  
5 communities on the basis of public benefit and strict  
6 standards for operating a facility.

7 It also suggests the possibility of states  
8 developing statewide approaches to off-site storage.  
9 Then the second area, Bolstering Support Among Federal  
10 Legislators, this has already been touched on and I'm  
11 sure we'll be talking about it more, it seeks  
12 congressional funding, which does not now exist, for a  
13 process to identify sites and to evaluate their  
14 environmental safety and storage capacity.

15 This goal also -- and this is crucial for us  
16 -- seeks to add site vulnerability to the priority list  
17 for wave removal -- pardon me -- waste removal.

18 Right now the queue for off-site storage is  
19 based solely on the longevity of the waste and has no  
20 reference to the vulnerability of the site. That's a  
21 priority goal for us with regard to federal  
22 legislation.

23 And, finally, and Bill Parker touched on this,  
24 Expedite State Level Transportation Planning: The  
25 current discussion of CIS sites in Texas and New Mexico

1 is welcome. Since they are much closer than Nevada to  
2 the bulk of U.S. nuclear sites.

3 Marni Magda has provided me with a map and  
4 they are densely concentrated east of the Mississippi,  
5 so the closer you get to that, the less miles of  
6 transport are required for a national solution.

7 The private sector, which proposed these two  
8 sites, appears focused on time frames that relate  
9 realistically to the schedule when spent fuel will be  
10 ready for removal from San Onofre; that schedule is  
11 timely. The private sector's plans to open these sites  
12 is timely. We're more concerned that some of the  
13 federal agency benchmarks don't fit as well.

14 These positive developments of identifying  
15 sites and timeliness will be of benefit only if fuel  
16 transported through communities satisfy standards of  
17 safety and reliability that gain general and widespread  
18 public acceptance.

19 We heard a terrific presentation in June from  
20 an expert on this. The problem is more political than  
21 technical, but the political problem is huge. It's  
22 sort of "not through my backyard."

23 So that concludes my observations on this  
24 crucial topic and I must say I think the process has  
25 served us well in coming to a focus on this issue.



1           CHAIRMAN DR. VICTOR: Okay. Thank you very  
2 much. So I wanted to just emphasize, this is an area  
3 where we -- I think a lot of people are willing to  
4 spent a lot of time and we can make some progress.

5           This is obviously not the only thing the  
6 Community Engagement Panel is going to be doing over  
7 the next few years. I want to talk about how we're  
8 going to use the next 10 to 15 minutes.

9           I want to have a conversation about a  
10 strategic plan that we put together on how we can make  
11 progress on these many different fronts related to  
12 consolidated interim storage and then we're going to  
13 have several members of the panel talk about four major  
14 areas of priority work in the coming -- that we think  
15 should be a priority -- priority areas in the coming  
16 three years, so that if you look back three years from  
17 now and you say "What does success look like?" it's  
18 making serious progress in all four of these areas, and  
19 we'll talk about them in just a moment.

20           Because there have been so many discussions  
21 about consolidated interim storage and because there  
22 are so many moving parts and, frankly, the politics  
23 here are very hard to organize because they're state,  
24 they're federal, they're outside a few districts,  
25 they're not the highest item on anybody's list of

1 things to do and so you've got to really work hard on  
2 the problem.

3 So we put together a two-page document that is  
4 simply a summary of what we've heard and what people  
5 have been doing and what all that means for what we  
6 would do in the coming few months and years.

7 I don't want to go through this in detail. We  
8 circulated this in advance, but I want to pause for a  
9 moment and see if people have comments on this and then  
10 I want to suggest a couple of concrete actions that we,  
11 as this panel, should take in the coming few weeks or  
12 months. Bill Parker.

13 MR. PARKER: Quick observation on the  
14 strategies: It seems to me there is one item that  
15 might be missing and that's a technical analysis or  
16 critical path analysis to get from where we are today  
17 in the current stage of decommissioning to the  
18 transportation to a consolidated interim storage  
19 facility.

20 What are the critical elements along the path?  
21 How much time does it take? What should we be doing  
22 now to prepare us technically? And I think one item  
23 that was mentioned is transportation.

24 CHAIRMAN DR. VICTOR: Yeah.

25 MR. PARKER: It might take five years to get

1 all the appropriate permits for transportation, which  
2 means you start the permitting process on  
3 transportation well before all the political processes  
4 are resolved.

5 So I think a critical path analysis would  
6 identify for us some of the critical steps we should be  
7 taking early even though the final solution may not yet  
8 be in place. We want to be ready --

9 CHAIRMAN DR. VICTOR: Yeah.

10 MR. PARKER: -- when congress makes their  
11 final decision. There may be things we should be doing  
12 now to prepare ourselves technically for that ultimate  
13 success.

14 CHAIRMAN DR. VICTOR: All right. Thank you.

15 I think that's a good point. And some of that  
16 work is being done by other institutions, so one of the  
17 first things we should do is stay abreast to that.

18 I know Ted Quinn is going to talk more about  
19 transportation when we talk about the four areas for  
20 work in the coming few years.

21 But any other general comments about strategic  
22 plan? Because, this is largely a summary of things  
23 we've all been talking about in various ways and so I  
24 think it should be relatively uncontroversial.

25 I want to just identify one thing that I think

1 concretely needs to be done, which is, with Lisa  
2 Bartlett's help, and Jerry Kern and other people, we  
3 started conversations inside the state, around what can  
4 we do at the state level to help build up a strategy.

5 It's not obvious which institution inside the  
6 State of California helps organize that, but it's  
7 probably the California Energy Commission.

8 And so one of the action items here is for the  
9 panel, probably for me, not on behalf of the panel  
10 because we're not a decision-making body, but for me as  
11 someone observing what we've done, to write to the head  
12 of the California Energy Commission and the senior  
13 staff and say "Here's what we've seen. Here are some  
14 of the things we've seen you doing. Let's talk about  
15 what a serious game plan will look like."

16 My guess is that there also would need to be  
17 some legislative action or certainly hearings in  
18 Sacramento to help put focus on this and that will help  
19 be one trigger to make that happen.

20 So I just want to see if there are any  
21 comments about that particular action, which is implied  
22 in the strategic plan, but it's reasonably urgent since  
23 now the election is behind us.

24 We need to figure out what to do at the state  
25 level. Jerry Kern will talk a little bit -- a little

1 bit about what to do at the federal level.

2 Okay. We're going to keep everybody informed  
3 about this, but I did not want to send a letter without  
4 us first -- me having an opportunity to talk about this  
5 even though I think what we're talking about is what  
6 everybody agrees and has been agreeing on for quite a  
7 long time.

8 MR. BROWN: I will say one thing about that.

9 CHAIRMAN DR. VICTOR: Tim Brown.

10 MR. BROWN: So a few years ago I visited  
11 Sacramento to testify before the committee, the energy  
12 committee at that time, and it seemed like a body that  
13 was interested. It certainly I think would be  
14 appropriate to send them an update with, you know, what  
15 we've done here and perhaps summary of this  
16 conversation.

17 One thing I will say, part of the CEP and part  
18 of our charter is, is that all of the elected officials  
19 and those who represent the organizations would be able  
20 to take this information back and inform the bodies  
21 from which you've come.

22 In that same sense, we should also continue to  
23 not only inform those bodies and make sure they're  
24 united in voice about the idea of removing the storage  
25 that -- and this is something we've always agreed on,

1 no matter where we've come through -- come from on  
2 San Onofre, I've never heard anyone say the storage  
3 belongs here. Right.

4 I think we can all say, with unanimous voice,  
5 that it needs to be removed and very quickly. And so I  
6 think that's important that with that consolidated  
7 voice we continue to send that message, make sure our  
8 newly-elected officials are onboard and those in our  
9 communities understand it's -- it's actually a  
10 possibility for the first time in a very long time and  
11 that we need to be unified behind that concept in our  
12 communication to our constituents as well as to those  
13 elected who are serving on state and federal levels.  
14 So I'd just like for the CEP to make sure they're doing  
15 that.

16 CHAIRMAN DR. VICTOR: Okay. Thank you.

17 So let me suggest as an action item that when  
18 I write the California Energy Commission that I'll make  
19 -- that you send that letter along with our strategic  
20 plan back to the folks you testified to.

21 MR. BROWN: I would do a CC to most of the  
22 communities in South Orange County and North San Diego  
23 just as a courtesy but also just to keep them informed.

24 We receive those letters of information all  
25 the time and it's completely appropriate that they

1 would receive that communication.

2 CHAIRMAN DR. VICTOR: Okay. Great. We'll  
3 make sure that happens.

4 Okay. What does success look like after the  
5 next three years? Four members of the CEP are now  
6 going to talk about four areas that have emerged from a  
7 much longer list of potential topics as places where  
8 we've heard you want us to work and where our own  
9 knowledge about this problem, which has grown a lot  
10 over the last three years, says that there is important  
11 work to be done. I want to first talk at the federal  
12 legislation and give the floor to Jerry Kern.

13 MR. KERN: Well, I'm going to back up just a  
14 little bit because I've been going up and down the  
15 coast, talking to different city councils, different  
16 groups, and out of that the kind of a group that's  
17 formed, it's kind of the Concerned of Coastal  
18 Communities Group, and to write those letters and get  
19 that support. So, locally I think we're all getting  
20 together.

21 I've always said that there's been this gap  
22 between North San Diego County and Southern Orange  
23 County. I always say I'm happy there's 30,000 marines  
24 between me and Orange County to protect us but we have  
25 all these --

1           CHAIRMAN DR. VICTOR:  You're in Orange County  
2 right now.

3           MR. KERN:  I know.  That's why --

4           MR. BROWN:  We can help you when you want to  
5 get out of here.

6           MR. KERN:  Well, I'm sure they have the same  
7 feeling about San Diego.  But we have these communities  
8 of interest and we're working at those local levels to  
9 give support to what we're doing here.

10           So as far as the federal legislation goes,  
11 there was a big flurry of activity.  As you can see, in  
12 2015, the legislature started; in 2016, Washington was  
13 distracted for some reason.  They didn't -- I think  
14 there was a total of 90 legislative days during 2016,  
15 so nothing really happened in 2016.

16           Hopefully, in 2017, everybody gets back to  
17 work and we have the opportunity to make things happen.  
18 Offline, I inquired to Congressman Issa, who actually  
19 represents this area and Oceanside.  I talked to  
20 Congressman Scott Peters.  I talked to Congresswoman  
21 Mimi Walters.

22           And they've agreed to hopefully meet with us  
23 sometime before they go back into session because I'd  
24 much rather meet with them out here where it's warm.  
25 But we do have a kind of plan to go back to DC and talk



1 to them back in DC, so that's -- so everything's kind  
2 of been on hold on that level.

3 But like it was stated earlier, everybody is  
4 in support. It's how we get that support converted to  
5 action, so that's hopefully what we can do as the panel  
6 here to put the pressure on with the help of the  
7 community.

8 So there is nothing really to report on that  
9 other than the fact we've been working very hard behind  
10 the scenes. We did meet with our state legislature,  
11 Supervisor Bartlett, Council Member Brown, David joined  
12 us video-conferencing with Senator Bates's office,  
13 Congressman Issa's office and, actually, Assembly  
14 Member Chavez, who is actually in the room, and we  
15 talked about some of those issues about transportation  
16 and permitting and how we're going to get it out.

17 Because it always comes down to that, once we  
18 talk about the consolidated interim storage, it's  
19 "Okay. How do you get it there?" So that's one of the  
20 issues we have to deal with.

21 CHAIRMAN DR. VICTOR: Okay. Thank you very  
22 much. And I wanted to flag two items related to this,  
23 one Lisa Bartlett mentioned earlier: These are not --  
24 these bills that were introduced at the last session  
25 are not perfect bills and so when they get

1 reintroduced, you know, a lot may happen over the next  
2 two years.

3           When they get reintroduced, we need to be  
4 ready to think about what revisions might be needed to  
5 the bills and, obviously, that's a complicated process.

6           The other thing I'll say is, look, your  
7 politics may be left, your politics may be right. It's  
8 very important that we not let our own politics about  
9 other things that are going on in the country get in  
10 the way of us figuring out what can be done here  
11 because this is not a normal left/right issue.

12           This actually has bipartisan co-sponsorship on  
13 the Conway-Issa bill, growing bipartisan interest on  
14 the senate side. And so this is really, you know, one  
15 of those areas where you could really imagine getting  
16 something done.

17           And so I think it's super-important that we --  
18 as we continue to build this coalition, we just keep  
19 our eyes on the ball as to what we're trying to get  
20 done here. Okay. Any other comments about this before  
21 we go to the next four topics?

22           So second -- now it doesn't even go forward.  
23 Here we go.

24           Used Fuel Transportation: This topic has come  
25 up many times and, frankly, at the federal level

1 there's a lot of attention to what to do once the fuel  
2 gets to consolidated storage and now how to get it  
3 there. FedEx apparently is not an option.

4 Ted Quinn.

5 MR. QUINN: Thanks. Very good.

6 I want to talk to you tonight about what needs  
7 to happen in the future and what the status is today.  
8 So there is three bullets on the slide, but there is  
9 really five points that I want to make.

10 What occurs today is that there's four regions  
11 of the country that are working on this. And these are  
12 my inputs to you and recommendation that we need  
13 speakers to come to address a number of these subjects  
14 in front of the CEP.

15 The state regional group has four of them, the  
16 west, the south, the midwest and the northeast. Have  
17 the goal of setting up consultive -- a consultive  
18 planning process to -- to establish cooperative  
19 agreements for transportation of spent nuclear fuel.

20 They've been working for a number of years  
21 with Department of Energy. They need to come and give  
22 us reports. I can't give you reports of what they've  
23 done. I can only tell you that they've been working  
24 and then that's the first point.

25 So it's important to remember their goal is to

1 develop con -- consultive planning process and  
2 agreements. Okay. That's point one.

3 Point two is technical aspects. There are  
4 technical aspects of what needs to occur for spent fuel  
5 transportation from San Onofre to wherever it's going,  
6 that includes an Atlas railcar that is being studied by  
7 Department of Energy right now and includes both of our  
8 type of vendor casks for transportation.

9 There are -- there are other parts of the  
10 technical aspects one of which is the transportation  
11 routing activities, include the development by  
12 Department of Energy, a new code. It's a computer code  
13 called Start. And they need to come report to us on  
14 what that latest activity is this as well as with the  
15 Atlas railcars, but. They've been working for the last  
16 few years on this.

17 The next part is, there's state activities  
18 that are -- that are occurring and state  
19 representatives, including our California  
20 representative, need to come and present what has been  
21 their aspect with this, discussing this regional group  
22 in getting to a cooperative planning agreement.

23 I don't have a status for you. I can only  
24 tell you that in the next year or two we need to have  
25 someone come before us and present, not just from the

1 DOE but from -- but from our state representing us.

2 And the last part is the last bullet here, the  
3 ROW coordination among federal agencies. So which  
4 federal agencies? So, obviously, Department of Energy  
5 is important, the Nuclear Regulatory Commission is  
6 important, but also the Federal Railroad Administration  
7 is important.

8 And so there may be other agencies, too. And  
9 the issue is, we need to have a presentation on what  
10 are those coordinating -- that what agencies need to  
11 participate before we actually have a railcar move away  
12 from San Onofre to wherever the site is.

13 So those are -- those are my input. The head  
14 of Deputy Assistant Secretary for Department of Energy  
15 is Andy Griffith. He is currently a fed, so that means  
16 he potentially would stay independent of what happens  
17 after January. The recommendation is that he is over  
18 -- over spent fuel and waste disposal and that he would  
19 -- he would present to us, too.

20 CHAIRMAN DR. VICTOR: Okay. Thank you very  
21 much. So there is a lot of moving parts here. I think  
22 part of our role is to help everybody understand what  
23 the moving parts are, but also to make sure there isn't  
24 some failure in these many groups getting together and  
25 we're not ready for this.

1 I just want to call out that Stephen Harris at  
2 Pacific Northwest National Lab, has been enormously  
3 helpful in keeping us technically informed on what's  
4 going on with this. It's unbelievably complex.

5 And once a week my inbox has a lot of messages  
6 from Stephen Harris and I'm grateful for them all.

7 And, Ted, thank you for helping to manage that  
8 relationship and it's just enormously important. So  
9 you're going to see more from -- from us on this.

10 The third of the four topics that'll be very  
11 important in the next few years will be  
12 Defense-in-Depth, which I mentioned earlier, so I won't  
13 say much more about this.

14 How do we know the aging of the canisters on  
15 site? There is a range of views about whether the  
16 right decisions or wrong decisions were made about the  
17 canisters and so on.

18 We spent a lot of time on that here. I  
19 personally spent a huge amount of time on this. How do  
20 we know that they're actually robust? And there is a  
21 lot of technologies being developed there and programs  
22 being developed.

23 I have personally visited while I'm doing my  
24 day job, personally visited now all the major  
25 organizations that are involved in this activity and

1 told them we want to hear from them.

2 And we want to have -- we want their help  
3 translating what it is that they're doing into English  
4 because, frankly, a lot of them aren't very good  
5 communicators with normal humans and we need to  
6 understand what's happening and also how do we have  
7 confidence that the new technologies that are essential  
8 for making this work are actually being developed in a  
9 timely way because there are lots of industries, like  
10 this one, where all the technologies are not available  
11 on day one. Silicon Valley is another industry like  
12 that.

13 But how do we know that this is actually  
14 happening? And what should we be monitoring? What  
15 should we be looking for in the communities so that we  
16 have confidence in this process? And so that's  
17 something we're going to be working on and having  
18 meetings around in the coming three years.

19 And the fourth and last, but certainly not  
20 least topic, is something Dan Stetson will talk about.

21 Dan?

22 MR. STETSON: Thank you, David.

23 Well, first of all, I'd like to say I'm so  
24 excited that we're having this meeting here in Dana  
25 Point. I've worked here in Dana Point at the Ocean

1 Institute for 23 years and was president for the last  
2 11, so I really appreciate having it here. I'd like to  
3 see it here more often.

4 I know I joined my colleague next to me, Garry  
5 Brown, in our deep concerns for the environment, in  
6 particular the ocean, and that's going to be one of the  
7 major topics that we'd like to continue to bring to  
8 you, the community, and certainly to the CEP over this  
9 upcoming year.

10 It's already starting a process right now.  
11 You can see up on the board the CEQA process has  
12 already started. They've already had, through State  
13 Lands, their first series of meetings, entering the  
14 process of completing their draft environmental impact  
15 report.

16 A number of us have already had the  
17 opportunity to attend the meetings and submit written  
18 letters to them. After the first draft will come out  
19 -- comes out, it will then be presented and we will,  
20 again, have an opportunity to make presentations to  
21 hopefully have some impact on that entire process.

22 There is a lot involved with the CEQA. Most  
23 of it is on the water side, but there is also a fair  
24 amount that's going to be taking place on the land side  
25 as well, so we want to make that a high priority for



1 this coming year.

2 Right along with that, working with the Navy,  
3 is following the NEPA process. As we all know, the  
4 SONGS is on Navy land and so we want to continue to  
5 follow that and see what's happening in all the  
6 different pieces that are part of that and how the  
7 community can become involved in that entire process.

8 And, of course, all of this really revolves  
9 around perhaps some mitigation that's going to be  
10 taking place and it's really going to be taking place  
11 on a couple of different levels.

12 First of all, we had -- at our last meeting we  
13 had Steve Schroeter here, talking about the Wheeler  
14 North Reef and that was a mitigation that took place  
15 for the operation of the plant and how the reef is not  
16 quite meeting all the standards that were established,  
17 so we want to continue to monitor that and see what's  
18 going to happen there.

19 The Coastal Commission will certainly be  
20 working with Southern California Edison on coming back  
21 with some additional requirements that they're going to  
22 have to perform with that.

23 But, also, that has to do with the  
24 construction operation of the plant, but now we're also  
25 going to be talking about the dismantling of the plant.

1 And one of the big topics, of course, the conduits,  
2 removing them and there is a potential to save close to  
3 100 million dollars if those conduits are abandoned.

4 So, many of us on the panel would like to see  
5 some sort of mitigation plan with some of the funds  
6 that are used for that.

7 Some of the other issues that we really want  
8 to watch from an environmental perspective, as the  
9 pools are being emptied, we understand that those are  
10 going to be flowing back out through the conduits, that  
11 material is going to be filtered.

12 What does that mean? What is that process?  
13 What are the results of that going to be? So there is  
14 a lot of environmental pieces that we think should be  
15 one of the ongoing topics that we continue and want to  
16 bring back this upcoming year. And I know that Garry  
17 is there right with me as we go out in the community  
18 seeking input on this.

19 CHAIRMAN DR. VICTOR: Excellent. Thank you  
20 very much. Any comments that people want to make about  
21 these four topics that we've just discussed?

22 We're going to show you a slide just after the  
23 break as to exactly what we're going to do with the  
24 agenda first quarter next year and some sense of where  
25 we're headed after that.

1           But we thought it would be important to just  
2 take a moment and talk about what success might look  
3 like after the next three years. I want to see if  
4 there are any other comments. Is this flag up? Is  
5 that Pam? Pam Patterson?

6           MS. PATTERSON: Yes. I have some comments  
7 with respect to the entire presentation. So it's been  
8 said that you've got a two-way conduit of communication  
9 going on bidirectional, so if that's the case, why is  
10 it that Southern California Edison has a trade show  
11 going on every time we, the community, come to these  
12 meetings?

13           Where -- where is the residents' table so that  
14 we actually have a voice with respect to this  
15 situation? So and, quite frankly, who is the agenda  
16 subcommittee? Who is on the agenda subcommittee that's  
17 determining what the agenda is for next year?

18           CHAIRMAN DR. VICTOR: Do you want to make your  
19 comments and I'll respond?

20           MS. PATTERSON: Why don't you respond right  
21 now?

22           CHAIRMAN DR. VICTOR: No. Why don't you make  
23 your comments and then I'll respond to the comments?

24           MS. PATTERSON: Okay. So there's nobody  
25 actually representing the community with respect to the

1 agenda subcommittee and, thus, there is nobody  
2 representing the community with respect to any of these  
3 meetings because the agenda is made for the entire year  
4 next year, so no one representing the residents has the  
5 ability to get anything on the agenda.

6           So this is a pre-canned, candy-coating  
7 exercise to make it appear that everything is being  
8 well-managed, that the power plant is well-managed and  
9 that we're all in, you know, good hands, when, in fact,  
10 the power plant wouldn't have been closed down in the  
11 first place but for the fact that it's been mismanaged,  
12 per se. Okay. Radioactive plume escapes from the  
13 power plant. That doesn't happen by good management.

14           And so we've had an issue with the fact that  
15 Southern California Edison has been mismanaging this  
16 power plant for years and, quite frankly, from the  
17 beginning, from the inception, because if it had been  
18 well-managed, they would've figured all this stuff out  
19 at the beginning when they decided to create this  
20 ultra-hazardous activity and they didn't do it.

21           The fact that we're sitting here how many  
22 years later and we're trying to figure out now that  
23 they made this unbelievable mess in our community, what  
24 are we going to do to try to fix it?

25           Every single canister sitting there is a

1 Chernobyl amount of radioaction -- radioactivity.  
2 Okay. And your -- they've been -- so we have  
3 improperly stored spent fuel rods, you're dealing with  
4 a company that's already been proven to be paying  
5 bribes to people so that they don't have to comply with  
6 quality assurance standards in making and manufacturing  
7 these canisters.

8 And we've got canisters that are sitting there  
9 that are susceptible to cracks right about now and we  
10 can't detect those cracks, and when those cracks occur,  
11 we have radio activity seeping out. Okay.

12 You have now turned off the sirens with  
13 respect to warning the residents that live around the  
14 power plant that there is an issue, you have -- well, I  
15 mean, it kind of goes on and on.

16 CHAIRMAN DR. VICTOR: Okay. But it can't --  
17 it can't go on and on.

18 MS. PATTERSON: It's a bad situation. No.  
19 No. And quite frankly, I'm not done yet. Okay.

20 CHAIRMAN DR. VICTOR: I'm confident you're not  
21 done yet, but I do need to bring it to a point.

22 MS. PATTERSON: So I'm making -- right. And  
23 so -- and as usual, you're interrupting me. Okay.

24 So with respect to -- so, again, we're dealing  
25 with a corrupt company. Fabulous idea. You're

1 definition of a CEP, the Community Engagement Panel, is  
2 that you're engaging the community by accessing all of  
3 the residents' bank account. So that's our  
4 participation in the situation. We're paying for it.

5 Okay. So when we ask to have an independent  
6 third party go in and analyze the situation on behalf  
7 of we, the people, here who, we, the people, are paying  
8 for this, your response is, "Well, that could cause  
9 \$300,000, so we don't want to do that" even though  
10 you've taken 4.4 billion dollars of our money.

11 It's not your money. It's not Southern  
12 California Edison's money. It's our money. It's our  
13 safety. It's our health. So -- and if Southern  
14 California Edison was so responsible, I -- you know,  
15 what -- again, what's the evacuation plan?

16 Okay. So I was told by the representative of  
17 Orange County Sheriffs Department, which she didn't  
18 want to state it here on the record during the meeting,  
19 but out in the parking lot she was going to discuss it  
20 with me, and she said, "Well, we have signs on the  
21 horse trails with arrows showing you what way to go."

22 So that's basically "You and your four  
23 toddlers can, like, hike -- what? -- 30 miles over  
24 Saddleback Mountain" and, you know, with little signs.  
25 The rest stop, gas, food and water is on the other side

1 of the mountain where, of course, you've all set up an  
2 evacuation. You know, you basically have access to the  
3 helicopters that we fund so that you all get to do the  
4 -- get to exit this area the easy way.

5 Okay. Well, what you're telling us that we  
6 get to --

7 MR. BROWN: Are you saying -- are you saying,  
8 Pam -- are you saying that we --

9 MS. PATTERSON: And don't you dare to  
10 interrupt me.

11 MR. BROWN: I'm going to interrupt.

12 MS. PATTERSON: No. No, you're not.

13 MR. BROWN: I'm going to interrupt, Pam.

14 MS. PATTERSON: Well, you can try. You can  
15 try to interrupt me because I'm not done.

16 MR. BROWN: I'm going to interrupt you right  
17 now, Pam.

18 MS. PATTERSON: No, you're not.

19 MR. BROWN: Because David is far too polite  
20 when it comes to the inane ramblings of accusing us of  
21 being corrupt and using helicopters for personal use.

22 MS. PATTERSON: Right.

23 MR. BROWN: If you have facts --

24 MS. PATTERSON: Right.

25 MR. BROWN: -- provide facts.

1 MS. PATTERSON: Right.

2 CHAIRMAN DR. VICTOR: Can we draw this to a  
3 close so that I can respond?

4 MS. PATTERSON: No. I'm almost done. So --  
5 so and quite frankly, I didn't get an invitation to be  
6 on the agenda subcommittee. So you got the whole thing  
7 canned. You -- it's basically what we're dealing with  
8 our lobbyist and PR agents for Southern California  
9 Edison and there is no actually honest dialogue that's  
10 going on here.

11 MR. KERN: I have --

12 ((Unintelligible simultaneous colloquy.))

13 CHAIRMAN DR. VICTOR: Okay. Please. Please.  
14 Please.

15 MR. KERN: I'm not a lobbyist.

16 MS. PATTERSON: You can go ahead and take  
17 exemption. I'm not a --

18 CHAIRMAN DR. VICTOR: Okay. Folks, everyone  
19 be quiet.

20 MR. KERN: This whole meeting, all you've done  
21 is just write notes to talk and you have not --

22 CHAIRMAN DR. VICTOR: Pam? Pam?

23 MS. PATTERSON: Oh, really? I've written down  
24 what's being said.

25 CHAIRMAN DR. VICTOR: Okay. Folks? Okay.



1                   Would you stop now?

2                   MS. PATTERSON:  No, I'm not done.

3                   CHAIRMAN DR. VICTOR:  How long do you plan to  
4 take?

5                   MS. PATTERSON:  About another two and a half  
6 minutes.

7                   CHAIRMAN DR. VICTOR:  I've got a clock on it.  
8 You've got two and a half minutes.

9                   MS. PATTERSON:  You go right ahead.

10                  So, anyway, I was talking about with the help  
11 of the community which, again, I guess that means  
12 access to everybody's wallet so that you got the  
13 funding that you want to.  Really quite frankly, do  
14 whatever the heck you want to do.

15                  So, what we want, again, is we want a third  
16 party, independent third party, to do an analysis with  
17 respect to this entire situation where we, the people,  
18 choose who is going to do that study so that we know  
19 exactly -- I mean, because, obviously, we know we're  
20 not safe.

21                  So, what we want to know is from somebody that  
22 does not have a financial interest or a tie, we get to  
23 choose who is going to do that analysis and then they  
24 can come and tell us what's the best thing to do to try  
25 to, at least, best handle the fiasco of the situation

1 that Southern California has created in this situation.

2 CHAIRMAN DR. VICTOR: Thank you for your  
3 remarks.

4 MS. PATTERSON: You're welcome.

5 CHAIRMAN DR. VICTOR: So I want to -- please.

6 PUBLIC MEMBER: Thank you, Pam.

7 CHAIRMAN DR. VICTOR: Please, folks. Folks,  
8 nobody else is making comments and asking for applause  
9 from the floor. I do think that it is a matter of  
10 respect to let people talk as I have --

11 MS. PATTERSON: Did I ask for applause? Is  
12 that what you're saying?

13 CHAIRMAN DR. VICTOR: I'm not talking -- I'm  
14 not talking to you about this. I'm simply asking the  
15 -- I'm asking the community to help us be efficient and  
16 fair.

17 Now, I want to say a couple of things about  
18 this and then we have a 30-minute panel with three  
19 different representatives of the community who we've  
20 asked to speak for five minutes, which is less than  
21 time that was just consumed.

22 First thing, this is not a trade show. If  
23 organizations from the community want to have a booth  
24 -- Gary Headrick wrote me an email and said, "You'd  
25 like to have a booth?" I said yes. We said yes.

1           If other -- nobody else has asked me.  If  
2           somebody else wants to have a booth, you know, within  
3           the limits of the physical space that we can have,  
4           let's have booths.  That's the idea.

5           So let's not tar Edison for not giving booths  
6           when they're out here telling you about things that are  
7           happening.  It seems to be that's helpful.  And if  
8           other people want to have booths, that's great.

9           The agenda:  The agenda process is very  
10          clearly laid out in the charter for the Community  
11          Engagement Panel, which is on SONGScommunity.com.

12          A decision was taken at the beginning of this  
13          process to make this a panel that was created by  
14          Edison.  This is different from what's happening in  
15          Vermont and dramatically less hostile and much more  
16          productive.

17          Okay.  Now, if -- if -- that was the decision  
18          taken early on.  They work on the agenda with the  
19          advice of the leadership of the Community Engagement  
20          Panel.  There aren't subcommittees and  
21          sub-subcommittees.  These are 18 volunteers who are  
22          just trying to be efficient and help in this process.

23          I think it is very unhelpful to make the claim  
24          that these canisters are Chernobyls in the making.

25          Okay.  Because we generate an emotive response by doing

1 that that makes it harder for us to focus on what's  
2 important, which is getting them out of here.

3 Now, if everybody wants to make emotive claims  
4 this way and that way about this, then we're just going  
5 to be yelling at each other and making emotive claims  
6 and not getting anything done.

7 The reason people are watching this panel  
8 around this country, specially around consolidated  
9 interim storage, is because we're working on moving the  
10 needle, so let's --

11 People have different views about whether the  
12 plant should be there in the beginning. They have  
13 different views about what they think about Edison.  
14 Okay. That's the past. Focus, folks. Focus.

15 And so if this is a productive use of our time  
16 then, folks, send in letters to me and to your elected  
17 representatives, Pam Patterson, among others, and say,  
18 "Yeah, I thought that was a very effective use of time  
19 in a public setting where we have a lot of people who  
20 are spending their evenings with us rather than being  
21 at home with their families or doing other things."

22 Folks, if we don't focus and we don't do this  
23 in a serious bipartisan way, we will screw it up and  
24 that will be harmful to our interest. So this is not a  
25 game. Okay.

1           Now, we have a 30-minute panel and I will  
2 allow the panel to run 30 minutes and we'll adjust the  
3 break because we said to these three folks who came up  
4 here today, again, spending their evenings with us,  
5 we'd like you to talk each for five minutes about some  
6 perspectives, not the whole story, but your  
7 perspectives and then make sure that there is time, as  
8 much time as talking time, so 30 minutes in total, to  
9 have some back and forth with the panel. Okay.

10           So we have three members and first we're going  
11 to hear from Sara Kaminske, from the  
12 Interjurisdictional Planning Committee Chair and the  
13 Orange County Sheriffs Emergency Management.

14           Sara, the floor is yours for five minutes.

15           MS. KAMINSKE: Thank you, Panel, for inviting  
16 me to present to you today. I'm just going to talk for  
17 a few minutes about looking back and then looking  
18 forward.

19           So, again, I'm Chair of the SONGS  
20 Interjurisdictional Planning Committee and I also work  
21 for the Orange County Sheriffs Department Emergency  
22 Management di -- Division as an assistant emergency  
23 manager, so I oversee the county's nuclear emergency  
24 plan.

25           So I'll start with looking back: So when I

1 look back three years ago, when we got the notification  
2 that San Onofre was going to be shut down, it was -- it  
3 basically thrust us into this unknown world of  
4 decommissioning. So we were left with, "Okay, what  
5 now? What do we do now?"

6 And one of the things -- well, there's certain  
7 things that have changed, but there's some things that  
8 have not. And in the short term, nothing really  
9 changed because in terms of the Nuclear Regulatory  
10 Commission, they were saying, "Hey, San Onofre, you  
11 still have an operating nuclear license, so you have to  
12 fully comply, even though you're not operating right  
13 now, with all of the nuclear regulatory regulations."

14 That also applied to the off-site  
15 jurisdictions because we were managed by the Federal  
16 Emergency Management Agency and they provide very  
17 strict oversight into what we do that includes robust  
18 emergency preparedness exercises, that includes strict  
19 alert and warning systems, decision-making processes,  
20 and they held us accountable to all of that and all of  
21 our plans and procedures were tested and graded and  
22 made public and we had -- we were held to, you know,  
23 high standards.

24 So once the Nuclear Regulatory Commission  
25 granted exemptions to Edison's operating license and

1 they erased that boundary around the emergency planning  
2 zone, well, the Federal Emergency Management Agency,  
3 they sent us a letter and they said, "Well, now that  
4 that no longer applies, you no longer have to -- you no  
5 longer fall under our oversight."

6 And so all of those requirements to exercise  
7 and plan and train, all those requirements went away,  
8 but our obligation to the community to maintain SONGS  
9 specific emergency plans, that didn't go away.

10 And we take that obligation very, very  
11 seriously, and so we continue to work with Southern  
12 California Edison in this.

13 Another requirement that went away was the  
14 state government code that regulated the funding stream  
15 for our emergency planning. So, working with Southern  
16 California Edison, we were able to secure that funding  
17 stream so that we can continue our emergency planning  
18 efforts.

19 And then when I think looking forward or  
20 moving forward, it's maintaining our relationships,  
21 maintaining our partnership with Southern California  
22 Edison, maintaining our relationship with members of  
23 the community so that they're aware that they are our  
24 priority, and we take our commitment very seriously and  
25 we will continue to do so. And as long as there is

1 spent nuclear fuel on site, we will ensure that we have  
2 nuclear specific emergency plans in place to deal with  
3 that.

4 CHAIRMAN DR. VICTOR: Oh, great. Thank you  
5 very much. We've got extra time, but I'm not going to  
6 allow you to buy and sell the extra time with the panel  
7 there. I want to make sure there is time for more  
8 questions.

9 When we get back to the -- to the panel, to  
10 the question-and-answer period, I do want to ask you,  
11 Sara, at that time to tell us a little more about what  
12 you'd like us to do, would you like this panel to do.

13 So, second is -- I think we have a different  
14 order on my -- I think, Dan Dominguez, you're speaking  
15 second, if I got my order here right, from Utility  
16 Workers Union of America, Local 246, representing  
17 organized labor at the plant.

18 Dan, the floor is yours.

19 MR. DOMINGUEZ: Thank you for inviting me.

20 One of the things I'd like to do, I'd like to  
21 correct the record. I think when you introduced me,  
22 you called me the president of the local. I'm the  
23 vice president of the local.

24 CHAIRMAN DR. VICTOR: I apologize for the  
25 promotion.



1           MR. DOMINGUEZ: You know, I worked at the  
2 plant 34 years and the local union represents the  
3 operations, maintenance, technical and administrative  
4 workers that work at the plant, all these people are  
5 highly trained, highly qualified. I think the average  
6 age of experience is about 28 years, some are higher.  
7 And me, specifically, I've been there 34 years.

8           When the plant was running, our -- our duty  
9 was to operate the plant safely -- safely and to  
10 protect the health and safety of the public.

11           Well, the plant shut down now and our duty is  
12 -- now has changed to make sure that we decommission  
13 the plant safely. And the duty to protect the health  
14 and safety of the public, that hasn't changed; that  
15 still remains our -- our primary duty.

16           The -- I will say that all our -- all our  
17 members, the workers at the plant, they all live in the  
18 surrounding communities and they all have a vested  
19 interest to make sure that whatever we do out in that  
20 plant, that it is always with a mindset that we protect  
21 the health and safety of the public, that we do not do  
22 anything that would endanger or put the local  
23 communities in jeopardy, and we've done that, you know.  
24 I mean, like I said, that's our primary goal.

25           Looking at -- back at what the CEP has done,

1 you know, I've participated in mostly -- most of the  
2 CEP meetings with exception of a few where I had other  
3 prior conflicts. But one of the things that I've  
4 gathered from it is that it is providing a transparency  
5 that never was there when the plant was operating.

6 I look at the elected officials and the  
7 representatives of the community, and I'm sure some of  
8 you now have become very knowledgeable in the -- in the  
9 nuclear technology and decommissioning and so that I  
10 view as a really good thing.

11 You know, during the discussions of the CEP,  
12 and I think Mr. Madigan, Jim Madigan, touched on it,  
13 you know, all the equipment that we installed and all  
14 the equipment that we decommissioned, you know, the  
15 discussions have been on equipment.

16 But, you know, I'd like to remind the panel  
17 that there's two equations to safety: The equipment  
18 and the people that operate the equipment. Because if  
19 you don't have the qualified workforce to operate the  
20 equipment, then your level of safety is not what I  
21 would call optimal.

22 You know, we've had lots of discussions about  
23 the decommissioning of SONGS and you touched on it,  
24 Dr. Victor, is that everyone is -- is in agreement,  
25 including the people I represent, to move the fuel to a

1 longer-term repository.

2           The -- right now, it's in what they call wet  
3 storage, which has active cleaning systems and the goal  
4 is to move it to a dry storage, which is a passive  
5 system and it's a what I would call a much more robust  
6 storage methodology for keeping the fuel.

7           Our goal, you know, we -- me as -- I was  
8 started off as a reactor operator. I started off as an  
9 operator and became a reactor operator. I was a  
10 reactor operator for 25 years; now I'm a certified fuel  
11 handler and part of my job, too, is to write work plans  
12 for the decommissioning of the plant and -- and the  
13 building of some of the systems that Jim touched on.

14           But the other piece is to monitor the fuel and  
15 make sure that it remains safely stored both in the dry  
16 cask storage where some of the existing fuel, there is  
17 some fuel in there already in the -- in the prior  
18 horizontal storage modules and the ones that exist in  
19 both the pools.

20           You know, going forward, I touched on, you  
21 know, maybe, the focus on making sure that the people  
22 that are there, that are still operating the systems  
23 until we get the fuel into dry storage, that you have  
24 qualified workers to operate some of the systems, the  
25 cooling systems.

1           And even part of the refueling process  
2 requires people, like me, to make sure that the people  
3 that are doing the refueling are doing it safely and  
4 that they're not putting themselves or the public in  
5 jeopardy.

6           CHAIRMAN DR. VICTOR: Okay.

7           MR. DOMINGUEZ: The --

8           CHAIRMAN DR. VICTOR: If you can wrap it up, I  
9 think that would be great. Thanks.

10          MR. DOMINGUEZ: We have a couple of more  
11 bullet items and then I'm done. The other piece, too,  
12 we touched on some of the meetings and that's the  
13 economic benefit of SONGS. I think you touched about  
14 it, talking to the DGC. I think that should be a good  
15 focus for the panel to discuss the economic benefit  
16 with the decommissioning contractor about sourcing for  
17 local jobs.

18          CHAIRMAN DR. VICTOR: Okay. Excellent.  
19 Great.

20          MR. DOMINGUEZ: Thank you.

21          CHAIRMAN DR. VICTOR: Thank you very much for  
22 your -- for your comments. Third in the panel of  
23 three, Charles Langley, who is going to speak on behalf  
24 of Gary Headrick and San Clemente Green.

25                 Charles, the floor is yours.

1 MR. LANGLEY: Thank you.

2 My name is Charles Langley. I'm the Executive  
3 Director of Public Watchdogs and I'm here to speak on  
4 behalf of Gary Headrick of San Clemente Green. Gary  
5 had emergency eye surgery yesterday, had an additional  
6 procedure this morning. He's doing great and seems to  
7 be in good spirits, but he can't see. Although he has  
8 vowed, if I do not do this correctly, he will be  
9 calling in to correct me and he's going to go on  
10 speakerphone.

11 So if no further ado, these are Gary's  
12 comments: "Looking back, it is important to remember  
13 that Edison had a terrible safety record."

14 By the way, could we show slide one, please,  
15 highlighting? Okay. Close enough.

16 "Looking back, it is important to remember  
17 that Edison had a terrible safety record and the worst  
18 work environment in the nation when they were still  
19 operating. An astonishing NRC survey found that 25  
20 percent of SONGS employees feared retaliation for  
21 reporting safety concerns to management. Just imagine  
22 how many did not want to admit that in the survey."

23 Could we see the next slide, please?

24 This is the San Onofre safety record. All you  
25 really need to understand is that big red line shows

1 that San Onofre has the worst safety record in the  
2 nation among nuclear power plants.

3 "This caused employees to reach out to  
4 San Clemente Green in 2010, but their explicit warnings  
5 were ignored by Edison and the NRC as well as their own  
6 city council, who opted to, quote, leave it to the  
7 experts, unquote."

8 "The prediction: That a failed steam  
9 generator might leak radiation into the environment  
10 actually took place two years later."

11 Now, there should be "leaked memo," if you  
12 could. Thank you.

13 "We were fortunate that Unit 3 was shut down  
14 before the situation could escalate into a major  
15 disaster. For that, we are deeply grateful to those  
16 heroic employees who managed to control that emergency  
17 situation as well as they did. We got lucky the same  
18 way those at Three Mile Island did years before.  
19 Edison and Three Mile and the NRC, Nuclear Regulatory  
20 Commission --"

21 Could we see the next slide, please?

22 "-- still choose to ignore recent warnings  
23 from someone working there now. This person claims  
24 that 80 millions dollars has changed hands in  
25 negotiations between dry cask makers, Holtec and AREVA,

1 for no apparent reason. But far more important is the  
2 fact that damaged fuel assemblies may have been loaded  
3 into dry casks without, quote, canning them, unquote,  
4 first with an extra layer of protection as required by  
5 the Nuclear Regulatory Commission."

6 We should have an NRC email.

7 Okay. Thank you.

8 "However, the Nuclear Regulatory Commission  
9 quickly dismissed this by responding, "In summary, the  
10 NRC has determined that the information does not  
11 describe an impropriety or inadequacy associated with  
12 NRC-regulated activities. Therefore, the NRC plans no  
13 further action regarding that information.""

14 "Our greatest fear is that we are on a path  
15 leading to a situation that has no way of escaping or  
16 protecting our property and loved ones from  
17 contamination. Adding to our anxiety is the  
18 realization that we can't rely on any of the  
19 organizations that are supposed to be looking out for  
20 us."

21 "Dry cask containers may become untouchable as  
22 they begin leaking millions of curies just from the  
23 first of many microscopic -- microscopic cracks to  
24 come. An earthquake might drain an overcrowded spent  
25 fuel pool and spew out clouds of radiation in a

1 zirconium fire that can't be extinguish by water."

2 "Terrorists might cause even worst damage, if  
3 you can imagine that. And yet the CEP, the Community  
4 Engagement Panel, is going along with a plan that even  
5 ordinary folks can see doesn't hold water let alone  
6 radiation."

7 "The NRC has arbitrarily determined that  
8 temporary nuclear waste storage systems are now capable  
9 of handling this volatile material, not just for 20  
10 years, but 60 years, maybe 100 years or more, if that  
11 is what it takes to find a better place to take it."

12 "They've also approved dismantling the safety  
13 net, protecting our communities simply because the  
14 plant is no longer operational. The on-site fire  
15 department, specializing in nuclear facilities, has  
16 been discharged. Spent fuel pools that offer the only  
17 remediation for unloading a damaged container will be  
18 destroyed after the last fuel assembly has been removed  
19 from the pools."

20 "The Coastal Commission has conditionally  
21 approved bearing nuclear waste 100 feet from the rising  
22 ocean, allowing a 20-year grace period to prove that it  
23 is actually safe to do so."

24 "They were somehow convinced that new  
25 technology would become available in the future just



1 like the promise that a permanent nuclear waste  
2 repository would be available long before now."

3 "And Edison has the perfect out if something  
4 goes terribly wrong. They can always turn around and  
5 blame the Department of Energy for not picking up the  
6 waste when they should have. Edison has selected  
7 Holtec as the contractor, with the Nuclear Regulatory  
8 Commission's blessings, even after their CEO admitted  
9 that their containers can be expected to crack but  
10 can't be repaired."

11 "He lied to the Community Engagement Panel and  
12 the public when he vehemently denied being fined and  
13 disbarred for bribery charges. But Edison is still  
14 going with Holtec anyway while the CEP remains silently  
15 compliant."

16 "Are these really the standards that we should  
17 be willing to accept when we are dealing with more than  
18 89 times the radiation than was released in the  
19 Chernobyl accident? So where has the CEP, the  
20 Community Engagement Panel, gone wrong?"

21 "To put it bluntly, you have been doing a lot  
22 of talking but not much listening to anyone else but  
23 Edison or their vendors and consultants. The big  
24 questions that are often ignored are: What if they are  
25 wrong -- "they" being Edison -- again?"

1           "What would the consequences be and how will  
2 they react in the worst case scenario? The plan that  
3 the CEP is going along with only works if Edison can  
4 predict the future accurately?"

5           "The most recent proof of that, not being the  
6 case, is the failed steam generator replacement  
7 project, which led to the shutdown. How can this body,  
8 whose primary guiding principle is public safety, even  
9 consider a plan that relies on technology that is yet  
10 to be invented, tested or proven?"

11           CHAIRMAN DR. VICTOR: Are you just about done?  
12 You're at seven minutes. Are you about done?

13           MR. LANGLEY: Yes, I am. I have one more --  
14 one more paragraph. I will.

15           CHAIRMAN DR. VICTOR: Okay.

16           MR. LANGLEY: Thank you for the warning.

17           "While the Community Engagement Panel is not a  
18 decision-making body, Edison likes to say that the  
19 Community Engagement Panel and a number of community  
20 stakeholders have aligned to support their proposals;  
21 that is because engagement has largely been a one-way  
22 street and you don't seem to be listening to our  
23 legitimate concerns."

24           "There could be far better options that may  
25 not favor Edison's objections, but need to be

1 considered for the sake of all. Our request is to  
2 allow independent, unbiased experts to critique  
3 Edison's plan by making presentations and taking  
4 questions from the panel and the community at large."

5 "There are some very well qualified  
6 professionals in this field who might think it's a bad  
7 idea to bury nuclear waste inches above the rising  
8 water table 100 feet from the waves, in an earthquake  
9 and tsunami zone, is in containers that are known to  
10 develop cracks in a marine environment."

11 "It is incumbent on all of us to keep this  
12 nuclear waste under the safest condition possible as  
13 long as it takes to be moved in a better location. We  
14 can and must do better than this with so much at  
15 stake."

16 There is more from Gary. We have published it  
17 on our website at publicwatchdogs, with an "S," plural,  
18 .org in recognition of the fact that Gary can't  
19 probably publish it at sanclementegreen.org.

20 Thank you for allowing us to speak.

21 CHAIRMAN DR. VICTOR: Okay. Thank you.

22 So I want to have a chance for folks to ask  
23 questions of all three of the panelists. I want to  
24 start with a question for you, Dan, which is, tell us  
25 more about what you would like, what organized labor

1 would like to see the CEP talk about in the coming  
2 three years.

3 MR. DOMINGUEZ: Obviously, the -- going  
4 through all the regulatory processes of moving the fuel  
5 to the consolidated interim storage, but up until the  
6 fuel has been moved into dry cask or into dry storage  
7 or to the consolidated storage facility, there's still  
8 needs to be systems operating, as I touched on during  
9 my discussion.

10 The issue of making sure qualified workers are  
11 still there to operate the systems and monitor the fuel  
12 because, you know, the place has shut down but there  
13 are still a lot of interconnected systems that need to  
14 operate so that the fuel maintains -- stays cool and  
15 stays shut down.

16 CHAIRMAN DR. VICTOR: Okay. Thank you very  
17 much. So I want to ask Charles. It's just possibly  
18 unfair to ask you to speak on behalf Gary, but -- so  
19 there are a lot of misstatements there.

20 And, by the way, let me invite all three of  
21 the panelists if you have notes or other things you'd  
22 like to make as part of the official record in addition  
23 to the streaming, please do send those to me.

24 I think I'd like -- just if I can talk  
25 personally, I think I take some exception to the claim

1 that we've not been hearing from other voices. There  
2 is an appendix to the slide deck the day that just, by  
3 chance, lists 32 people we've had to come talk from a  
4 lot of different points of view.

5 And so I think I just want to push back on  
6 that, on that point and a number of other points. But  
7 I want to ask you a very specific question, which is,  
8 the tenor of the argument, as far as I can tell, is  
9 partly that we can't trust any of the organizations.

10 I don't know what to do with that because  
11 that's a recipe for just having nobody in charge. That  
12 doesn't seem like a very effective program. So, but  
13 Gary's comments and your remarks tonight tell us that  
14 we should invite other kinds of experts. So tell us a  
15 few more sentences about how you think about  
16 identifying experts who are actually talking factual  
17 information that we would invite.

18 MR. LANGLEY: I'm glad you asked, David.

19 CHAIRMAN DR. VICTOR: But please, please do  
20 respect the need for us to have some brevity on this.  
21 Okay.

22 MR. LANGLEY: And that's why I'm going to read  
23 from the prepared notes.

24 CHAIRMAN DR. VICTOR: That's not necessarily  
25 the same thing as brevity though.

1 MR. LANGLEY: I'll be very brief.

2 "Potential candidates for independent experts  
3 are representatives from the Nuclear Waste Technical  
4 Review Board; gregory Jaczko, former Head of the  
5 Nuclear Regulatory Commission during the Fukushima  
6 accident; Peter Bradford, former NRC commissioner  
7 during the Three Mile Island crisis; Arnie Gundersen,  
8 Nuclear Engineering Consultant for the past 40 years;  
9 Daniel Hirsch, Director of Nuclear Policy Program at UC  
10 Santa Cruz." And I know of many other local people who  
11 I think could be very helpful.

12 CHAIRMAN DR. VICTOR: Okay. So I just -- the  
13 reason I mention this, and I think we should exchange  
14 some letters on this question is, we have, for example,  
15 Marvin Resnikoff comes speak at one of the panels.  
16 There was actually a problem funding him, so I wrote a  
17 personal check out of my family's checkbook to help pay  
18 half the cost of that and Gene Stone and some others  
19 contributed because I thought it was very important to  
20 have Marvin here.

21 But when Marvin talked about the work that he  
22 was doing, it was not out of any of the peer review  
23 literature. And the normal standard for expertise is  
24 engagement with actual technical information that is  
25 then scrutinized by one's expert peers and that's how

1 we know what's right and wrong, for better or for  
2 worst, in the technical literature.

3 And this is what I do in my day job. I'm a  
4 professor, I write papers and things like that. So I  
5 was a little concerned that we don't have a process to  
6 identify who is an expert.

7 I'm sure we can all develop a list of names,  
8 but I'd like to exchange some letters between you and  
9 Gary and me and other people who want to be involved in  
10 this process as to how we would actually identify  
11 people who would round out our perspectives on these  
12 things and yet remain tethered to technical reality.  
13 So, I think, maybe offline we can -- we can do that.

14 Are there other questions people would like to  
15 ask? I just want to make sure that there is a chance  
16 for other people to ask questions here. Other  
17 questions folks would like to ask of the panelists?

18 MR. BROWN: I have a question.

19 CHAIRMAN DR. VICTOR: Tim Brown.

20 MR. BROWN: Charles, one of the things that's  
21 been really challenging for me to understand is that a  
22 lot of the time, specially with folks who have deep  
23 concerns about the storage facilities, it primarily has  
24 to do with finding solutions that have no path to  
25 approval that's outside of a decade: Meaning, a German

1 cask storage company, which has no presence or  
2 infrastructure in the United States, to be our choice  
3 vendor here because of the type of cask they use,  
4 that's used in the uranium reprocess in Germany.

5 This would mean that our communities would  
6 have wet storage for at least another 10 years while we  
7 engage and vet out whether or not they could even  
8 perform to the standards we expect.

9 They'd have to build up infrastructure. We'd  
10 have to even -- we'd have to explore whether or not  
11 that dry -- and we'd have to put a hold on all the  
12 decommissioning work that could be done until that  
13 happens. Every path that involves choosing an untested  
14 vendor means our communities are subject to, right, the  
15 waste in pools that you allege, right, are -- could dry  
16 up, release millions of curies of radiation.

17 Every path --

18 MR. LANGLEY: I don't know how much is --

19 MR. BROWN: Right. Every path has this having  
20 the waste in even a worst position than they would be  
21 in. And it never makes any sense to me that in the  
22 purposes of finding a vendor that we have no idea could  
23 perform to the standards we expect, we would explore  
24 that for who knows, 10, 15 years, leaving everything it  
25 is, leaving the plan -- the plant the way it is



1 because -- why?

2 CHAIRMAN DR. VICTOR: Can you answer very  
3 briefly? Because then I want to make sure there's also  
4 time for questions that go to Sara.

5 MR. LANGLEY: Yes, I know a select answer --  
6 comment. There's no reason for anybody to be buying  
7 tickets. The annual budget for these four meetings is  
8 public money. It's 3.4 million dollars. We'll put the  
9 documents up on our website if you'd like to review  
10 them.

11 MR. BROWN: I don't understand what you're  
12 saying.

13 MR. LANGLEY: Send the bill to Edison.

14 MR. BROWN: I don't understand what you were  
15 saying about --

16 MR. LANGLEY: It shouldn't be coming out of  
17 your pocket.

18 MR. BROWN: -- tickets to meetings.

19 MR. LANGLEY: That's for you, sir, yes.

20 MR. BROWN: I don't understand what you're  
21 saying about tickets to meetings.

22 CHAIRMAN DR. VICTOR: What's that? What is  
23 that?

24 MR. BROWN: I have no idea what you're talking  
25 about.

1 MR. LANGLEY: Well, you had mentioned that you  
2 had spent money out of your own pocket, David, in order  
3 to bring someone in to one of these meetings.

4 MR. BROWN: Sir, you're engaging on a  
5 non sequitur that has --

6 CHAIRMAN DR. VICTOR: Was asking --

7 MR. BROWN: -- zero to do with the question I  
8 just asked you.

9 CHAIRMAN DR. VICTOR: Can I -- I just want to  
10 make sure. Ted, is your question for Sara?

11 MR. QUINN: It is.

12 CHAIRMAN DR. VICTOR: Great. Ted Quinn.

13 MR. BROWN: I'd like an answer.

14 CHAIRMAN DR. VICTOR: Okay. Can you --

15 MR. BROWN: Sir? If you could answer,  
16 Charles. You made a lot of allegations and you made a  
17 lot of factual statements. I'm asking, why is it that  
18 the path for safety in our communities is to leave the  
19 storage in wet facilities while we explore other  
20 storage possibilities that we have no idea whether or  
21 not would be any safer than our current storage  
22 possibilities?

23 PUBLIC MEMBER: They're not here --

24 CHAIRMAN DR. VICTOR: No.

25 MR. BROWN: Why is that a good outcome? I'm

1 asking Charles.

2 CHAIRMAN DR. VICTOR: No, you may not, not  
3 from the floor, please.

4 Charles, very briefly. And then I do want to  
5 get -- Sara, this is a panel of three and I'd like to  
6 get the third member of the panel involved.

7 MR. LANGLEY: Well, I can't speak for Gary.

8 What I can say is that there's deep suspicion  
9 of Southern California Edison and it's justified. It's  
10 under two criminal investigations right now. We've got  
11 a 16-page sworn criminal affidavit on our website.

12 MR. BROWN: If you can't answer the question,  
13 that's fine.

14 MR. LANGLEY: You can look at it.

15 MR. BROWN: Just say, "I can't answer that  
16 question." But to point to criminality --

17 MR. LANGLEY: I want to answer the question.

18 MR. BROWN: To point to criminality again is  
19 -- is to distract from the real question.

20 CHAIRMAN DR. VICTOR: Okay. I'd like to --

21 MR. LANGLEY: No, it's not.

22 CHAIRMAN DR. VICTOR: I'd like to have Ted ask  
23 a question to Sara because I do want to get Sara's  
24 input on this and then we're going to --

25 MR. QUINN: Sara, I would like to understand

1 what your discussion with NRC has been related to the  
2 safety case. We changed the safety case from an  
3 operating to a shutdown unit.

4 The NRC safety analysis, that is public  
5 documentation, says the safety case -- the safety risk  
6 to the public ends at the fence and I'd like to  
7 understand if you have had briefings, discussion such  
8 that you can recognize the change in -- in your  
9 evacuation plan relative to the change in the safety  
10 risk to the public.

11 MS. KAMINSKE: Yes, absolutely.

12 So we actually had a meeting with NRC; several  
13 members came down and actually met with  
14 Interjurisdictional Planning Committee and they talked  
15 about the reduction in risk and the reduction of the  
16 emergency planning zone.

17 And we respect that and, from Orange County's  
18 perspective, is we understand that there is a reduced  
19 risk and less chance for this, you know, plume of  
20 radiation to go out to the public.

21 However, we still need to maintain our  
22 emergency response capabilities, including that  
23 independent ability to conduct off-site close  
24 assessment. So, while there may be an emergency at the  
25 plant, if there is some sort of release, even though,

1 you know, Edison will say, "Nope, it's not going to go  
2 beyond the fence," we want to be able to prove to the  
3 public that, "You know what, we're taking readings and  
4 -- and you're safe."

5 MR. QUINN: Okay. So Edison funded that and  
6 not -- Edison funded the continuation of that and not  
7 -- not NRC or --

8 MS. KAMINSKE: Correct.

9 MR. QUINN: Okay. Thank you.

10 CHAIRMAN DR. VICTOR: Okay. I'm going to  
11 these last three very brief comments or questions and  
12 then we're going to put it back to the panel briefly.

13 Jerry and then Pam and then Lisa.

14 MR. KERN: Just quickly for Dan. The idea of  
15 holding onto the qualified people that work there as  
16 long as possible: In your discussions with Edison, do  
17 you have a time line of that?

18 You know, we start moving the fuel out -- out  
19 of the wet storage into dry cask, you know, to have,  
20 you know, people with 28 years of experience doing it,  
21 I feel much better doing that. So have you had any  
22 discussions with them about what that time line may be?

23 MR. DOMINGUEZ: Well, the -- I think in the  
24 handout, the expected time frame where the fuel is all  
25 in dry storage, I think, my recollection was like

1 mid-2019. The -- currently, the collective bargain  
2 agreement we have is, there will be no layoffs or  
3 reductions of the represented employees until  
4 January 1st of 2018. After that, there is potential  
5 for reductions.

6 And while we understand the reductions, we've  
7 always looked at it from the perspective of, "Okay, the  
8 reductions, but how does that impact the safety of the  
9 plant?" And so we've had discussions with Edison  
10 regarding that -- that issue specifically.

11 There is -- when I was the chief officer for  
12 the local union, there was some pretty spirited  
13 correspondence between us and Edison, me and Edison,  
14 regarding the ability to operate the plant safely.

15 CHAIRMAN DR. VICTOR: Clearly that issue of  
16 the ongoing workforce is something we need to pay  
17 attention to in addition to the other topics.

18 MR. KERN: Yeah.

19 CHAIRMAN DR. VICTOR: So Pam Patterson, very  
20 briefly, Lisa Bartlett, very briefly, and we've got to  
21 go to a break. We're only 20 minutes late.

22 MS. PATTERSON: Okay. Two questions: The  
23 first question is for Charles Langley. Do you feel  
24 that the community is being adequately engaged when you  
25 have been allotted five minutes for the first

1 presentation I've seen in the 18 months that I've been  
2 serving on this panel by -- by a member that's  
3 representing the community when at every meeting people  
4 basically up here are given, at least, 20 minutes to  
5 give a presentation and, also, in light of the comment  
6 "No comments from the floor, please," when, quite  
7 frankly, the majority of the people sitting on what  
8 we're referring to as "the floor" are the community?  
9 Do you feel that we're being adequately represented?

10 CHAIRMAN DR. VICTOR: I think those are  
11 probably comments.

12 MS. PATTERSON: Excuse me. Don't interrupt.

13 And the thing is -- or is CEP just a misnomer  
14 to make it appear that the community is engaged other  
15 than the fact that we're paying for everything?

16 MR. LANGLEY: No, I do not.

17 CHAIRMAN DR. VICTOR: Thank you very much.

18 MEMBER OF PUBLIC: Talking --

19 MS. PATTERSON: Okay. And then the next  
20 question is for the --

21 CHAIRMAN DR. VICTOR: Pam, other people would  
22 like the floor.

23 MS. PATTERSON: -- for Sara Kaminske.

24 I said I had two questions.

25 CHAIRMAN DR. VICTOR: There are people who

1 have lots of questions.

2 MS. PATTERSON: This next one is, you stated  
3 that you have -- that the sheriffs department is in --  
4 has ensured that we have a nuclear emergency plan in  
5 place, but you've given no details, no specifics.

6 Can you be specific with respect to what that  
7 emergency plan is and what is the evacuation plan since  
8 we've got 3 million people in Orange County and we know  
9 that on any given Saturday we've got gridlock on the  
10 freeway? So what's -- I'd like some specifics, please.

11 CHAIRMAN DR. VICTOR: Okay. Yeah. If there  
12 are -- and if there are documents that you want to  
13 share with us, which actually many of those documents  
14 have already been shared. But if you want to point us  
15 to those, we will make sure that those get circulated.

16 MS. KAMINSKE: Sure, absolutely.

17 So to be brief about it, our nuclear emergency  
18 plans are very specific because San Onofre has a very  
19 specific emergency classification level schematic and  
20 it's based on unusual event, alert, and what used to be  
21 site area emergency and general emergency; now they  
22 just have unusual event and alert, and an alert is a  
23 full activation of our emergency operation center.

24 So our emergency plans align with the  
25 emergency classification level schematic at San Onofre.



1 We have a number of interjurisdictional SONGS specific  
2 interjurisdictional policies in place, including  
3 decision-making, coordination of public information.

4 We know that that's going to a huge important  
5 thing to maintain during any kind of emergency at  
6 SONGS, so we have very specific nuclear related  
7 activities that we do that's different than all our  
8 has -- hazards plan.

9 CHAIRMAN DR. VICTOR: Okay. Thank you.

10 MS. KAMINSKE: And it includes that ongoing  
11 dialogue with them.

12 MS. PATTERSON: And the evacuation --

13 CHAIRMAN DR. VICTOR: If you could -- if you  
14 could -- all right.

15 MS. PATTERSON: What's the -- what are the  
16 evacuation plans?

17 CHAIRMAN DR. VICTOR: Pam, I'm going to ask  
18 you to please stop talking.

19 MS. PATTERSON: That's specifically what I  
20 asked.

21 CHAIRMAN DR. VICTOR: You know what, this  
22 information has actually been circulated multiple times  
23 to this panel and I will have it circulated again.

24 And I'm a Chair and if -- I will say this  
25 right now, I will not continue to do this. Okay. If

1 you would like me --

2 MS. PATTERSON: Yes.

3 CHAIRMAN DR. VICTOR: -- this panel would like  
4 me to be a Chair, then I need to be able to exercise  
5 the responsibility, which is on behalf of you, to try  
6 and keep our meetings efficient. Okay? I'm just  
7 trying to do that job. We're all volunteers up here  
8 doing this. So, come on.

9 Now, Lisa Bartlett, you have the last word and  
10 then we're going to go to a break. I'm going to ask a  
11 couple of minutes just before the break.

12 MS. BARTLETT: Well, I don't want to hold us  
13 off from the break, so I'll be brief.

14 I have a question for Sara: So we have a -- a  
15 glide path downward on the funding right now for the  
16 emergency planning. I think in year 6, it goes to 75  
17 percent, and you're 50 percent, and in your -- after  
18 year 7, I'm not sure what happens.

19 And I know with the funding mechanism, that's  
20 the sort of question -- any question at this place --  
21 at this point. But the cities in the 10-mile zone  
22 radius in the County of Orange, we've been receiving  
23 funds for emergency planning, which has been great.

24 But what happens after the funding stops?

25 Because there's going to be a big gap between when the

1 funding stops and when we're actually going to get the  
2 interim consolidated storage, you know, and get every  
3 off site. So, what are your thoughts?

4 MS. KAMINSKE: A couple of things come to  
5 mind: As long as there is spent nuclear fuel on site,  
6 regardless of if it's 10 years or 15 years from now,  
7 we're going to need to maintain our emergency plans.

8 Now, what will happen is, if the funding  
9 mechanism does go away and we know that that's a  
10 possibility, then we're going to have to absorb those  
11 costs because we're not going to stop our emergency  
12 planning for that.

13 MS. BARTLETT: Is there any way to renegotiate  
14 the MOU?

15 MS. KAMINSKE: Yes.

16 MS. BARTLETT: To extend the time out?

17 MS. KAMINSKE: Yes, absolutely.

18 MS. BARTLETT: Okay. All right.

19 MS. KAMINSKE: Absolutely.

20 MS. BARTLETT: All right. Well, then let's  
21 work on that.

22 MS. KAMINSKE: Absolutely.

23 CHAIRMAN DR. VICTOR: Thank you very much.

24 And I know this topic was first alerted to us  
25 through the panel earlier and a lot of people have done

1 a lot of work on this issue and so thank you very much  
2 because that's very important for our first responders.

3 I want to say one thing before you go to  
4 break. We'll have our normal 5-minute break and then  
5 we're going to come back for public -- some updates and  
6 public comment.

7 Some claims were made tonight that are in some  
8 settings libelous, claims about lying, claims about  
9 bribery, and a variety of other claims. And I know  
10 this is a very emotive topic and specially for people  
11 who have been working on this for a long time.

12 One of the items at our last meeting was I had  
13 asked a member of this panel to send me the information  
14 about the lying and the bribery claims and things like  
15 that, some of those claims have been raised in earlier  
16 meetings or in public comment period by Rita Conn.

17 We had a whole extensive email exchange about  
18 that, all of which is part of the public record, and I  
19 wanted to share that email exchange again. There was  
20 no response to that request for additional information.

21 Another member of the public raised a comment  
22 at our last meeting about this imminent cracking risk  
23 of the canisters, pointing to a canister -- a cooling  
24 water tank made out of a different material, operating  
25 for a different purpose at a power plant in South

1 Africa.

2 So I said, "Send me that information about,  
3 you know, what's the textual technical analysis so we  
4 can get some responses to this." That information has  
5 not been sent to me.

6 If people actually want to ask questions and  
7 get technical answers and political answers and have a  
8 discussion, then we've got to be responsive to each  
9 other. Okay? It's really, really important.

10 And I was very serious about what I said  
11 earlier, which is, we're all volunteers here and I'm a  
12 volunteer here and I can tell you I've spent an awful  
13 lot of time on this and I know a lot of other people  
14 do.

15 If you will not, you, as a community, will not  
16 allow me to be Chair by which I mean I'm just trying to  
17 run a meeting so that we have as many voices as  
18 possible, and I'm embarrassed I'm having to take time  
19 right now to explain this because it strikes me as  
20 obvious, but if you will not allow me to be Chair, then  
21 I can't do this role and I will resign and I'm fine  
22 with that.

23 So, really think about what is it that you  
24 want to do. Do you want to continue to have pissing  
25 matches against each other about things, much of which

1 is in the past, or do we want to actually work on some  
2 things that we can fix?

3 I'm about trying to fix some things and we're  
4 making some progress on that and we will undermine our  
5 efforts. So we're going to have a five-minute break.

6 MR. BROWN: David, may I -- let me just make  
7 one comment.

8 CHAIRMAN DR. VICTOR: Please. Tim Brown.

9 MR. BROWN: So, you know, I'm an elected  
10 official and fairly new. I've been at it for about six  
11 years. It's important to remember that everyone you  
12 see up here is also a resident in these communities.  
13 We live here. I live in San Clemente, which happens to  
14 be one of the proximate areas, the most proximate area  
15 to San Onofre, and I am deeply passionate about making  
16 sure this works right because I have a personal  
17 experiences with the dangers and the deaths associated  
18 with radiation and how the federal government has been  
19 irresponsible in the past with their resources.

20 Nobody has a greater stake in this than the  
21 people in this room, including the members of this  
22 panel. I'm deeply sensitive to the fact that we're  
23 being held to this idea that we don't care or that  
24 we're not stakeholders.

25 And let me tell you something, I'm raising

1 four daughters in a community I deeply love and I think  
2 that members of this panel, including Dr. Victor,  
3 deserve some respect for that.

4 You may not agree, but we do deserve the  
5 respect that should be afforded to someone who is  
6 passionate about this, who is volunteering their time,  
7 never taking a dime from any organization related to  
8 Southern California Edison.

9 CHAIRMAN DR. VICTOR: Okay. Thank you. We  
10 have a 5-minute break and we'll be back here right on  
11 time. If you would like to make a public comment,  
12 please do sign up so we can keep that organized.

13 (5-minute break taken.)

14 CHAIRMAN DR. VICTOR: Okay. My goal is to  
15 have everybody angry at me for keeping us to time, so  
16 I'm going to cut the break off. Please have your seats  
17 here. Please have your seats here. We're going to get  
18 started here. We're going to start with some general  
19 updates.

20 PUBLIC MEMBER: I'm not going to sit here long  
21 enough.

22 CHAIRMAN DR. VICTOR: No. No. No. Please.  
23 No. No. You're first, first on the list. Put this  
24 slot up on eBay, then. It's a valuable slot.

25 Okay. So, first, not many updates tonight

1 because much of the meeting has been really thinking  
2 about where we have been and where we're going.

3 I just wanted though recognize the incapacity  
4 of this to work.

5 I want to recognize the terrific service of  
6 John Alpay and Carlos Olvera, neither whom decided to  
7 stand for reelection in the last elections, and their  
8 time with the CEP will end because we bring in  
9 different elected officials as those roles turn over.

10 And I just -- John and Carlos, I want to thank  
11 you very much for everything you've done and worked  
12 with us. Thank you very much. (Applause).

13 And I know Jim Madigan wanted to say a couple  
14 of words as well on behalf of -- of Edison because this  
15 is an important function that you helped them perform.

16 Jim.

17 MR. MADIGAN: Thank you, David.

18 Yes, I did want to express -- extend my  
19 appreciation for all the work that's been done. This  
20 Community Engagement Panel is extremely important and,  
21 as it's been said several times tonight, this is a  
22 voluntary activity and we really appreciate it.

23 So, thank you both.

24 CHAIRMAN DR. VICTOR: Thank you very much.

25 We, as you know, through the public comment



1 period, in particular, keep track of ideas that people  
2 raise, not just from the panel and not just from  
3 Edison, but from the public and we keep a long list of  
4 topics for potential future meetings and so the  
5 evergreen list is much longer than this.

6 I wanted to ask Dan Stetson, do you have a  
7 couple of words about this list here? And give us a  
8 sense of where we're headed early -- in early next  
9 year. The script seismic study was something we've  
10 been promised and was delayed. So I think it's now  
11 almost ready.

12 Dan, do you want to say a couple of words?

13 MR. STETSON: Just a couple of things, David.

14 So we're putting together different activities  
15 I mean, for this upcoming year and there's been a lot  
16 of input from members of the panel, input to Edison on  
17 what should be on that, and so some of these are -- the  
18 first quarter of many of these that we were hoping to  
19 do this year but because of some other odd topics that  
20 came up and some other things of importance, they've  
21 been pushed on, too.

22 So we really want to tackle the seismic -- as  
23 you can see up here, the first quarter issues that are  
24 up there are the ones we really want to tackle and then  
25 the ones throughout the rest of them through the rest

1 of the year. But, of course, some of those that are --  
2 will be at almost every panel and that'll be safety and  
3 also recurring issue of the environmental things as  
4 well.

5 CHAIRMAN DR. VICTOR: Okay. Thank you very  
6 much. And the supersecret, classified agenda  
7 subcommittee will be meeting to have a secret vote  
8 about this. That's a joke.

9 If anyone has any questions about how we  
10 operate, it's in our charter and the agenda. It's not  
11 a complicated document. It's a four-page document.

12 And the agenda makes the -- the charter makes  
13 it very clear. This is a panel set up by Edison to  
14 help Edison do its job effectively and to understand  
15 what the communities want and vice versa, and so Edison  
16 is crucial for that to be effective. They set the  
17 agenda with consultation from us; that's the process.

18 But we get input from you. And so in the  
19 public comment period, tell us if you want something on  
20 the agenda that's not on the list that we've been  
21 talking about tonight and not on the documents that  
22 have been circulated as part of this.

23 So don't -- please don't make some claim that  
24 there is some vast conspiracy out there to keep  
25 important agenda items off the list and so on unless

1 you have some documentation that that's actually true.

2 Okay. Any other updates from the CEP before  
3 we go to the public comment period?

4 MR. KERN: Mr. Chairman, I just got to make  
5 one statement that, obviously, I kind of lost my temper  
6 there for --

7 CHAIRMAN DR. VICTOR: Well, luckily I didn't.

8 MR. KERN: Because there was a statement made  
9 to the people I represented. You know, I've been  
10 representing about 180,000 people for 10 years in the  
11 City of Oceanside. And Tim can probably bear this out  
12 and the other elected officials, people aren't shy  
13 about telling their local elected officials what they  
14 think.

15 I have people stop me in the grocery store, I  
16 have people stop me at different events and talk about  
17 this specific issue because it's a very hot topic. So  
18 the idea that -- one of the reasons that we have local  
19 elected officials up here because we do represent the  
20 people. So for somebody come up and make a statement  
21 that people aren't represented is absolutely false.

22 So I took exemption to that. I'm sorry I lost  
23 my temper, but I just had to make sure that that  
24 statement was out there. Thank you.

25 CHAIRMAN DR. VICTOR: Okay. Thank you very

1 much. Garry Brown.

2 MR. BROWN: David, I have a question on -- on  
3 the topics going forward and the subjects and the  
4 strategic plan. You know, one of the things that we've  
5 discussed is that with the consolidated interim  
6 storage, it's still interim and those facilities,  
7 whether -- whether they're in New Mexico or Hobbs, you  
8 know, are going to be designed for an interim storage.

9 You know, and I don't want to dilute our  
10 effort in what we're doing to try to, to put it in your  
11 words, move the needle to try to get this material into  
12 interim storage at a better location than where it is  
13 now, I think everybody in this room wants that.

14 The fear I have -- and it's not a fear, is  
15 that the federal process is broken, you know. They  
16 failed to produce a repository and that's what the  
17 whole nuclear industry planned to be there today so we  
18 can plan to get our materials there. Well, it didn't  
19 happen.

20 And so, you know, there is a lingering fear  
21 that if we -- and we should, we focus on consolidated  
22 interim storage, getting it into that facility, but if  
23 -- if the federal process to do a permanent repository  
24 is not also worked if we don't try to, in a parallel  
25 track, try to find senators who want to take on that

1 challenge, if we don't find something like that, if we  
2 just purely ignore it, I think we may regret it because  
3 I think nobody wants to see the facilities in Texas or  
4 New Mexico become the default inter -- long-term  
5 interim storage in a facility they weren't designed to  
6 be.

7 And so I don't want to dilute what we're doing  
8 and it'll be a miracle if we are suc -- well, maybe  
9 not. I'm not going to say a miracle.

10 CHAIRMAN DR. VICTOR: Referring to the  
11 miracles as a high standard.

12 MR. BROWN: But it's going to be -- it's a  
13 high bar and a big challenge. But I don't want to see  
14 us totally ignore, trying any effort to do something to  
15 fix the federal long-term repository process.

16 CHAIRMAN DR. VICTOR: Yeah, well said. I'm  
17 going to have a couple of words on that.

18 But briefly, Glen Pascall.

19 MR. PASCALL: The Sierra Club is sort of  
20 permanent repository central in terms of policy, that's  
21 where we've been since 1983. So now why are we front  
22 and center supporting consolidated interim storage?

23 And I quoted our April policy statement that  
24 explicitly calls for transfer to an interim site.  
25 That's a pretty bold move for the Sierra Club.

1           And I think there are two reasons for that:  
2     One is -- and this is more speculative. I'm not an  
3     expert on this. But it is my understanding that the  
4     characteristics of the waste to be stored are such that  
5     it is optimal to have both interim and permanent  
6     facilities on an ongoing basis.

7           Secondly, this panel, the CEP, has been  
8     absolutely wonderful in a way that's deeply gratifying  
9     to me in acknowledging permanent storage as the end  
10    game, as the ultimate goal that gives me meaning to the  
11    word interim.

12           You have been wonderful and I have reported  
13    back to the Sierra Club that you have heard our concern  
14    that CIS not be a substitute but part of an integrated  
15    waste management plan.

16           CHAIRMAN DR. VICTOR: So I think -- let me  
17    just add, first of all, I think Garry very well  
18    articulated it. We also have a moral obligation to  
19    these communities that are going to be the interim  
20    facilities that they go into this with their eyes open  
21    and they -- I'm impressed that they are.

22           But they go into this and the transport as  
23    well with their eyes open, but that this be done in a  
24    serious, sophisticated way with long-term vision, and I  
25    think it's crucial that have a permanent repository.

1 I would also say that that's crucial for the  
2 politics of this topic. If we -- if we pursue this  
3 just as consolidated interim storage because that's  
4 what we want, we'll lose a huge fraction of the  
5 political coalition that's central.

6 MR. BROWN: That was going to be my point.

7 CHAIRMAN DR. VICTOR: So I think that's  
8 exactly spot on. Any other general updates before we  
9 go to the public comment period?

10 Okay. So we're going to have public comments  
11 now. A reminder: It's three minutes, which is in our  
12 charter. And if you don't want to -- first on the  
13 list, Rob Howard.

14 You're not going to -- you can talk? Awesome.  
15 Thank you. Rob Howard first and then Nina Babiarz.

16 MR. HOWARD: Yeah, Rob Howard. I'm the  
17 business manager for the Utility Workers Union  
18 Local 246. We represent -- actually, Dan is my  
19 colleague at the site. I had some prepared statements,  
20 but based on the meeting, of course, that kind of  
21 changed.

22 One of the things I would just say is that I  
23 think it's really important we have -- our organization  
24 has been open with Edison about our questions, our  
25 concerns. We challenge them at any time we believe

1       there was a reason to be challenged.

2               Our members are trained in order to protect  
3 the health and safety of the public and we actually  
4 wear that as a badge of honor that we are willing to  
5 challenge.

6               One of the things I learned -- actually, my  
7 dad taught me this was that in order to make progress,  
8 sometimes you have to decide what you have in common.

9               And I do believe with regard to interim and  
10 permanent storage, we have to decide if we want to  
11 operate out of fear or to operate through collaborative  
12 efforts. You can disagree. You can be willing to  
13 challenge at every level, but if we're not willing to  
14 decide where our common interests are, it makes it very  
15 difficult to make progress.

16              What may happen is, operating out of fear,  
17 decisions will be made that won't be in the best  
18 interest of what our original goals were. We are  
19 dealing with a situation where I have watched a number  
20 of people be laid off, have to move, and a number of  
21 other things. This has been difficult for our members.  
22 And I personally tried to help as much as I can with  
23 each one.

24              But I also know we still have a responsibility  
25 to that public, which we are a part of. We live in the



1 community. I live in Oceanside and I have no problem  
2 calling my city council member. And I don't just call  
3 him. I call him particularly around the CEP because I  
4 know that he is on this panel and I ask questions. I  
5 challenge him.

6 I will call Southern California Edison  
7 leadership and challenge them. But I try to do it in a  
8 manner where my concerns can be heard. I try to be  
9 respectful because I want them to hear me.

10 So I would just say when we're looking at  
11 working on these issues do not believe because we're  
12 not screaming and yelling that we don't challenge them,  
13 but I also want them to hear what we're trying to say  
14 because we have a goal to move the fuel. We want to  
15 get it off the beach and we do care about the health  
16 and safety of this public.

17 Thank you.

18 CHAIRMAN DR. VICTOR: Okay. Thank you very  
19 much for your comment. Next is Nina Babiarz and then  
20 Laura Lafoia Ava-Tesmale.

21 MS. BABIARZ: Good evening.

22 My name is actually Nina Babiarz.

23 CHAIRMAN DR. VICTOR: My apologies.

24 MS. BABIARZ: I'm a board member of Public  
25 Watchdogs and I'm here to support a comment made by

1 Gary and Charles Langley earlier in the program.

2 Just a bit of background on myself is that I  
3 was at one point an engineering construction News  
4 reporter for McGraw-Hill, living in Pennsylvania in  
5 1979 during Three Mile Island. So I do have a little  
6 bit, a personal experience in witnessing what happens  
7 to a community when you have a radiation leak.

8 I'm only going to speak on three topics of a  
9 factual nature unemotional. And I want to talk about  
10 some of those things that weren't presented here  
11 tonight because I believe, in Mr. Madigan's slides, you  
12 had a picture of where the spent fuel was going to be  
13 buried, but what you didn't show is that immediately  
14 below that bluff, a third of that parking lot was wiped  
15 away by the king tides in January.

16 The other thing that we're not talking about  
17 tonight are the sea level rise studies that were just  
18 recently complete -- completed in Del Mar that are so  
19 significant, they're suggesting relocating a rail line,  
20 Carlsbad, Oceanside. Jerry, you know it's currently  
21 underway.

22 And so I don't know how else to put this,  
23 Dr. Victor. And I don't mean any disrespect, but it  
24 seems a little half-assed to me that a sea level rise  
25 study would be done after a permit was granted by the

1 same agency, the California Coastal commission, that  
2 gave Edison a permit to bury the waste.

3 The other thing that we didn't see tonight is  
4 with regard to your slide on the aging management  
5 system. If you look at the California Coastal  
6 Commission application that Edison filed, you will see  
7 that that permit was granted under special conditions;  
8 and those special conditions contain that an aging  
9 management system was to be developed and delivered in  
10 order for those special conditions to be met, and those  
11 -- that special condition alone has not been met, and  
12 for that reason alone, that permit should be revoked  
13 until that aging management technology that you  
14 promised is developed and delivered and that we know  
15 what's going to happen to those casks when they're put  
16 under ground and we can see the structural integrity or  
17 not of those casks in the ground.

18 The third point -- and I know I'm bound to 30  
19 seconds -- is a thank you to Sara for talking about the  
20 emergency planning exemptions. Those -- that  
21 application by Edison was put into the NRC under the  
22 auspices that because the plant was closed, the risk  
23 was low. Well, that's apples and oranges. You know,  
24 there was never a proper risk assessment.

25 And, Dr. Victor, I know you indicated that you

1 wanted to talk to the California Energy Commission. I  
2 implore you to contact Chair Weisenmiller, who  
3 submitted a 23-page vehement opposition to that  
4 emergency planning exemption. And I'd be happy to give  
5 you a copy of that. And just briefly --

6 CHAIRMAN DR. VICTOR: Wait. We're overtime,  
7 but please do share.

8 MS. BABIARZ: I realize that. And so I  
9 appreciate your patience because --

10 CHAIRMAN DR. VICTOR: Please do share that  
11 with me.

12 MS. BABIARZ: Dr. Stetson indicated --

13 CHAIRMAN DR. VICTOR: Laura Lafoia  
14 Ava-Tesmale.

15 MS. LAFOIA: I'll wait until she's done here.

16 CHAIRMAN DR. VICTOR: We don't trade time.  
17 Come on, please.

18 MS. BABIARZ: I just want to give what you  
19 asked for and that was a factual information that Tom  
20 Palmisano at the last Community Engagement Panel  
21 answered the question that you asked me, Mr. Stetson.

22 MR. STETSON: You can't --

23 CHAIRMAN DR. VICTOR: Come on.

24 MS. BABIARZ: And that's, "What are we going  
25 to do with the water?" And he indicated "dilute and

1 discharge." And with Mr. Quinn --

2 CHAIRMAN DR. VICTOR: No, please. Please  
3 okay.

4 MS. BABIARZ: The FRA and the FDA.

5 CHAIRMAN DR. VICTOR: Okay. Please. Please.

6 MR. BROWN: Call the next person.

7 CHAIRMAN DR. VICTOR: The floor is yours.

8 MS. BABIARZ: I'll be happy to share it with  
9 you later.

10 CHAIRMAN DR. VICTOR: Okay. Please do share  
11 it. Just share it with us later, that'd be great.

12 MS. BABIARZ: That's what you asked.

13 CHAIRMAN DR. VICTOR: Okay. Thank you very  
14 much. Laura Lafoia.

15 MR. HEADRICK: Do you mind if I just interject  
16 and answer some of the questions? I wasn't able to  
17 speak to.

18 CHAIRMAN DR. VICTOR: Well, we're in the  
19 public comment period, so you're going to have three  
20 minutes. Sure.

21 MR. HEADRICK: Thank you. I'm sorry to  
22 interrupt.

23 MS. LAFOIA: That's okay.

24 MR. HEADRICK: The questions about the bribery  
25 and the kinds of casks, we don't make unvalidated

1 claims and I'm pretty sure you got the information, but  
2 we can back up everything we said.

3 The thing about the bribery was semantics.  
4 You know, they had to pay an administrative fee and  
5 they were disbarred. And, you know, when you ignore  
6 things like that or you ignore things like the recent  
7 real whistle blower and nobody talks about damage fuel  
8 may have been loaded in dry casks, it undermines the  
9 process.

10 And we have to have an ability to trust each  
11 other in this process in order to create the model that  
12 the rest of the industry is going to use from now on.

13 And it's a shame that we can't look back and  
14 be self-critical and invite other people that are --  
15 that are independent contrasting views that the public  
16 would like to ask questions, too.

17 And, honestly, if you can't make that happen  
18 in the next meeting or so, I think you should consider  
19 resigning because that's such an important part of this  
20 whole process. Honesty, open dialogue, communication,  
21 that's just not happening.

22 We've got to get the truth out there, so we  
23 don't end up not being able to do interim storage  
24 because casks are failing and the industry has a  
25 terrible record and I've tried to demonstrate that

1 here, and there's several other examples.

2 But until we hear from both sides, this is  
3 going to be a pissing match, like you said. It's not  
4 going to be productive and we've got to open up the  
5 discussion to people that have important technical  
6 sound reasons.

7 And we're just citizens. We're not experts.  
8 We've done our homework, but if you hear from the  
9 experts, very qualified people, I think we can make a  
10 difference and we can live safely with this waste until  
11 we can move it to interim storage.

12 So, please do that. Thank you.

13 CHAIRMAN DR. VICTOR: Okay. Thank you very  
14 much, Gary, for your comment. Next comment from Laura  
15 Lafoia. Help me understand how you pronounce your last  
16 name.

17 MS. LAFOIA: I'll say it. I'm Laura Lafoia  
18 Ava-Tesmale. I come from the Pacific Islands, the  
19 Island of Samoa, Tutuila. It's in the Heart of the  
20 Pacific. And I am here to represent my Pacific island  
21 nations of Polynesian, Melanesia, Micronesia. We're  
22 also known as the Blue Liquid Continent Oceania.

23 Our islands have been so impacted in many  
24 ways: Colonization, militarization, nuclearization.  
25 Our islands have been used as target practice for

1 missiles that have been launched from Los Angeles.

2           The disaster of Fukushima has impacted because  
3 of water, the air flows right through our islands. So,  
4 becoming aware of this SONGS, the nuclear waste and how  
5 it's going to be managed to be put into 80 canisters  
6 that are about 20 feet tall, about 5 inches -- I mean,  
7 5 feet wide, five 8ths of an inch of stainless steel  
8 rather than cast iron; then those would be buried into,  
9 perhaps, the coast along our beach, along our water.

10           I think it's going to be buried into public  
11 areas. So I've heard that the intention is to bury  
12 them so that Edison can step away from being  
13 responsible because it's now going to be in public --  
14 public area. I hope that that's not the case.

15           But I am here on behalf of my foundation,  
16 which is One Global Family Foundation and also the  
17 Councils of Interfaith and Indigenous Women and Youth  
18 and we also have a Council of Interfaith and Indigenous  
19 Men and Youth that's now being launched.

20           My background is managing operational  
21 divisions for multi-million dollar real estate lending  
22 firms and now multi-billion dollar real estate lending  
23 firms and I do consulting on the side to help finances  
24 staying global, humanitarian projects locally and  
25 globally as well as building peace.



1           As a mother, this is why I'm here today,  
2 because I want to be heard, not just for my children  
3 and grandchildren and future generations but for all of  
4 the families that live here in Orange County and even  
5 outside of Orange County that would be devastatingly  
6 impacted if they are not even aware.

7           It's not even in the mainstream media. I  
8 don't know who is doing the media outreach, but  
9 certainly it's not working. It's not effective.

10           If we've got 3.5 million Orange County  
11 residents and we're being represented by less than 100  
12 here, something it's not right. I have started a daily  
13 teleconference call. It's One Global Family. You can  
14 find us on Facebook: One Global Family Call to Sacred  
15 Activism.

16           And every day we're bringing together  
17 indigenous leaders, interfaith leaders, acti --  
18 activists, advocates, musicians, so that we can raise  
19 awareness, so that we can strategize and how we're  
20 going to be able to disseminate this information to our  
21 families that need to be aware so that their voices can  
22 be heard.

23           You have asked how the community can help you  
24 to raise awareness. I am presenting you with this  
25 teleconference. I invite all of you to please come and

1 speak. We want to hear from you as well.

2 Furthermore, we're bring together indigenous  
3 elders locally and globally to share their wisdom  
4 because in many of these areas around the world this  
5 type of -- not allowing the people to be heard or give  
6 input, decisions are being made in -- under -- under --

7 CHAIRMAN DR. VICTOR: Okay. Thank you for  
8 your comment.

9 MS. LAFOIA: Without their input.

10 CHAIRMAN DR. VICTOR: Torgen Johnson is next.

11 MS. LAFOIA: And so I just want to say --

12 CHAIRMAN DR. VICTOR: And then Marni Magda.

13 MS. LAFOIA: I just want to say --

14 CHAIRMAN DR. VICTOR: Please, you're --

15 MS. LAFOIA: -- this is going to become our  
16 standing rock and I want you all to hear me when I say  
17 that we want to do this very prayerfully, very  
18 honoring, with the spirit of love and oneness with all  
19 of you. But hear me when I say that we will be calling  
20 in our elders and our protectors of the sacred land and  
21 waters for all of generations to come.

22 CHAIRMAN DR. VICTOR: Okay. Thank you very  
23 much for your comment.

24 MS. LAFOIA: Okay. Thank you very much.

25 CHAIRMAN DR. VICTOR: Torgen Johnson is next

1 and then Marni Magda.

2 Torgen Johnson, the floor is yours.

3 MR. JOHNSON: My name is Torgen Johnson.

4 My background is urban planning. I'm

5 Harvard-trained. Back in 2013, my family invited the

6 former Prime Minister of Japan, Naoto Kan, who dealt

7 with the Fukushima disaster while he was prime

8 minister.

9 We invited him to San Diego to speak to the

10 public about what a nuclear accident is like because I

11 think what happened was that there was a lot of

12 condescension in these types of meetings with the NRC

13 and the CPUC and some of the elected officials at the

14 local level really discounted the concerns of the

15 public who -- the public, you know, is a very broad

16 range of expertise.

17 I think it's terribly condescending to ask the

18 public to credential themselves on a nuclear level, on

19 nuclear expertise in order to speak at a public

20 hearing. And I also think it's unprofessional for a

21 panel to attack the public that they're supposed to be

22 engaging.

23 So with that said, he had some things to say

24 at the County Government Center. He had some key

25 points and one of them was the greatest danger that he

1 faced during the opening days of that disaster in 2011  
2 was the spent fuel. It wasn't the reactors. It was  
3 the spent fuel.

4 And it had to do with the -- the amount of  
5 radiological material in the pools and loss of the  
6 cooling of those pools. But the second thing that he  
7 said was, his experts, and U.S. experts were also  
8 advising him, told him that the evacuation wasn't  
9 5 miles or 10 miles or 20 miles or even 50 miles, it  
10 was 160 miles.

11 And he said that was permanent evacuation. He  
12 said if they lost control of the spent fuel and they  
13 had an accident, it meant the permanent evacuation of  
14 the Tokyo metropolitan area, which is 50 million  
15 people.

16 So I think, when I look at this crowd, and I  
17 think the last speaker was correct, I've run public  
18 meetings and I think when your public engagement panel  
19 representing several counties around here pulls in  
20 about 50 people, the engagement panel is failing  
21 because you're not communicating to the public what  
22 this fuel really means in the worst case scenario.

23 And we have the 78 Corridor that has  
24 billion-dollar industries, high-tech industries along  
25 there that are downwind of this fuel. If you can

1 engage the public in a truthful manner, you'll have a  
2 lot more people show up and you'll have a lot more  
3 expertise come in from various people that may be not  
4 nuclear experts but may be people that are experts in  
5 wanting to protect their property, real estate experts,  
6 insurance experts. And I think that's where this panel  
7 has failed.

8           And I want to say that there are a number of  
9 issues, but the key one is, what I identify along with  
10 others based on NRC documents, is the first step in  
11 handling the fuel is to canister it properly in the  
12 right canister that are transportable, that are  
13 monitorable and that don't have a risk of leakage  
14 because once you close those pools off, destroy those  
15 spent fuel pools, you have no way of re-casking the  
16 fuel.

17           So in answer to Tim's question, why we  
18 shouldn't rush to put the fuel in a -- in the deficient  
19 canisters is because the fuel may be in it for a very  
20 long time without the ability to monitor, correct or  
21 re-cask the fuel, which is a disaster for the region;  
22 that's why.

23           CHAIRMAN DR. VICTOR: Thank you very much for  
24 your comment. Marni Magda and then Daryl Gale.

25           MS. MAGDA: Thank you very much. I'm Marni

1 Magda from the Sierra Club. And I speak for myself  
2 when I come up here at public comments, so just as a  
3 member of the public.

4 I want to say to Torgen why blame the CEP.  
5 Gary Headrick, wonderful man that I admire so much and  
6 he shouldn't have been standing up here. He is in  
7 favor of con -- consolidated interim storage and he did  
8 send this message out to 5,000 people to come here  
9 tonight.

10 And he really implored everyone with all of --  
11 to show up and this is who showed up. So it's not  
12 anyone's fault. It's a hard subject and no one wants  
13 to face it.

14 So I'm going to ask everyone of the  
15 environmentalists that I care for so much, we have the  
16 spent nuclear fuel. We've got to get it off of our  
17 coasts, so let's get together and work to get  
18 consolidated interim storage to work.

19 The ISFSI is going to be ready in 2017. The  
20 pools can be emptied by 2019, that makes us so much  
21 safer than we are today. We can't wait. We must push  
22 forward with the technology we already have.

23 And we've got to make sure that while we're  
24 doing this when our union, in 2018, if it has -- if  
25 they have to be reduced, do not replace them with

1 workers that are not of our local people. Make sure  
2 that our workers are not replaced by Holtec from a  
3 foreign country. Keep it here; keep our workers here.

4 I would agree that one thing I would wish that  
5 Edison would look at is making sure the cranes are here  
6 until the fuel is moved, the cranes that could move  
7 them if something is damaged and there's an emergency.

8 I would also ask all the environmentalists to  
9 continue to ask that the cooling pools not be  
10 dismantled until all the fuel is gone because we do  
11 want it out of here in 2021, but it's going to take  
12 everyone in this room getting another 1,000 people to  
13 work together to get it out of here.

14 And I thank Jerry Kern for creating the  
15 concerned coastal community. That's how it's going to  
16 get done, by people working together with our  
17 legislators, people that are using the motto of  
18 everyone working together.

19 Lisa Bartlett, being willing, thank you to get  
20 the community together, to get legislators together.  
21 Pat Bates working for a resolution for California.  
22 That's how it will get done. Good news.

23 Consolidated interim storage does not hurt the  
24 California 1976 moratorium that would allow any more  
25 nuclear reactors in California because it's interim

1 storage, it would only change it if it were final  
2 storage. So we're safe to go after it hard, hard,  
3 hard.

4 So, right now, let's move to move this fuel  
5 because we don't want the default. What we have right  
6 now for 300 years, according to the NRC, is to leave it  
7 here at San Onofre for 300 years. So let's get it out  
8 by 2021 and all work together to do it.

9 And please, all of you and environmentalists,  
10 work with us. Thank you.

11 CHAIRMAN DR. VICTOR: Great. Thank you very  
12 much for your comments. Daryl -- Daryl Gale. And may  
13 be mispronouncing your first name.

14 MS. GALE: No, your fine.

15 CHAIRMAN DR. VICTOR: And then next it's  
16 Marilyn Fuss.

17 MS. GALE: Hi. I'm very grateful for the  
18 opportunity to express myself to the CEP even though  
19 I'm an outsider albeit a very concerned one.

20 I try to come down here as frequent as  
21 possible. I'm not paid, nor am I a staff person for an  
22 environmental group. I'm just a retired paralegal. I  
23 take Amtrak down here and then I Uber to the various  
24 meeting sites.

25 The situation here is like the -- you know,



1 the California version of the Dakota pipelines; the  
2 indigenous people are being forced to confront toxic  
3 nuclear waste from an antiquated energy source.

4 Over the years, we have asked, we have begged  
5 and we have submitted proof, we have informed the media  
6 and we have testified and besieged all levels of  
7 government, trying to appeal to reason, but still our  
8 government and, most notably, the Coastal Commission  
9 has basically, you know, potentially doomed this area  
10 unless we can take some kind of evasive correct --  
11 corrective action soon.

12 Before, we want to take action before there's  
13 an earthquake, before there's a terrorist attack and  
14 before there is sea level encroachment. So I'd like  
15 the idea of everybody being concerned and enlivened  
16 about, you know, the interim storage.

17 I want to also add to the fact that we need to  
18 use thicker casks even if we have to wait to get them  
19 approved. We need the thicker casks and we all need to  
20 figure out a way to talk to our state and our federal  
21 representatives to get everything moving.

22 So I think we can do it if we all put our  
23 heads together and figure out some ways to do it  
24 together and maybe for a future meeting, we could have  
25 a whole hour of just community input, you know, even

1 people for me -- like me who are coming all the way  
2 from Los Angeles. So, thank you.

3 CHAIRMAN DR. VICTOR: Thank you very much for  
4 your comment and for coming here tonight.

5 Marilyn Fuss and then Adelia Sandoval.

6 MS. FUSS: Yeah, I'm Marilyn Fuss. And I  
7 signed up to read a statement for somebody else, which  
8 is no longer necessary. But I just thought I would  
9 emphasize too that I've been -- this is about the sixth  
10 time that I've been down here fresh -- fresh out of  
11 work from L.A. and it's because this is a primary  
12 safety matter, not just for these two counties but for  
13 the whole state, for the whole Western Coast, for the  
14 Whole Pacific Rim and the rest of the world.

15 And I think that this decommissioning process  
16 should be a world news story. The enormity of each one  
17 of these -- each one of these nuclear reactors is a --  
18 is a potential threat and I think each one is a world  
19 News story. Thank you.

20 CHAIRMAN DR. VICTOR: Thank you very much for  
21 your comments. Adelia Sandoval and then Ron Rodarte.

22 MS. SANDOVAL: Good evening. My name is --  
23 well, you just told everyone my name -- Adelia  
24 Sandoval, and I am a representative from The Juaneno  
25 Band of Mission Indians, the Acjachemen People, and

1 this is our homeland.

2 And I've been thinking, what am I going to say  
3 to you all? I mean, this is a very interesting  
4 evening. I'm tired. I'm hungry. But I'm here.

5 And what I want to say is, I'm not going to  
6 chastise anyone or -- but what I think -- I'm going to  
7 speak on behalf of my tribal council, is that we want  
8 to be included in all of this because this is our  
9 homeland.

10 This is -- we're stewards of this land and we  
11 take the ancestral call very seriously. You know, the  
12 story goes that our ancestors were called here and to  
13 take care of the land, and what they did is cer -- many  
14 ceremonies and songs and dances and they worked out the  
15 balance of the land and that whole thing has all gone  
16 astray.

17 We work really diligently to continue that  
18 balance and it's very difficult. And so, what I'm  
19 offering you is -- is, actually, our ability to keep  
20 that balance and we do it in a very non-political way,  
21 and how we do it is spiritual and so I'm offering you  
22 that. I'm offering that care and consideration and I  
23 hope that you -- you will include that in -- in all the  
24 things that you do.

25 Because this whole dismantling of this energy

1 plant was through spiritual work and we do believe  
2 that. We've been working on it for quite a long time  
3 and it was a joy to hear that it was decommissioned.  
4 But we have that ability to continue to work and to  
5 help you.

6 And I don't hope you don't think that's an odd  
7 thing to say, but we can help you and we know that we  
8 are actually the stewards of this land, so we're  
9 responsible for the safety of all the people who live  
10 here in Orange County and around the parameter area.

11 So I just want you to know that to include us  
12 in everything that you do, please. Maybe even have one  
13 of our council people be on the panel.

14 And there are tremendous amount of people that  
15 are here to help you and give you wisdom as well. And  
16 I hope that you, instead of getting, like, you know,  
17 defensive, but say, "Okay. Thank you. Thank you for  
18 sharing that with me," because they -- there is a lot  
19 of wisdom here and so don't -- don't be afraid to hear  
20 what they have to say.

21 CHAIRMAN DR. VICTOR: Excellent. Thank you.

22 PUBLIC MEMBER: (Inaudible.)

23 MS. SANDOVAL: Yes.

24 CHAIRMAN DR. VICTOR: Thank you very much.

25 And when we get to the report time, I want to

1 have a -- explore something further with you, but we'll  
2 do that when --

3 MS. SANDOVAL: Yes.

4 CHAIRMAN DR. VICTOR: -- at the end of the  
5 public comment period. Thank you very much for your  
6 comment. Ron Rodarte and then Ace Hoffman.

7 MR. RODARTE: My name is Ron Rodarte. I'm a  
8 resident of San Clemente with the Orange County Green  
9 Party but speaking as a resident of Orange County as  
10 well.

11 There is a tremendous validation of what this  
12 woman just said and the other indigenous in the room in  
13 that the events of the last couple of days proved a  
14 point that the underlying structure validation in our  
15 society is no longer valid.

16 It has been upset by the use of funding, huge  
17 amounts of funding, that have shifted the validation  
18 and scientific realm into those chairs or departments  
19 that are owned outright by corporations, therefore,  
20 denying the ability of scientists to come up with other  
21 kinds of results in their experimentation and rendering  
22 their efforts null and void by the expel -- expulsion  
23 of their -- of their presence because of different  
24 views. That's something going on globally.

25 The spirit is really taking form now and

1 that's why you have to listen to the people. We are  
2 volunteers as well.

3 I'm shifting a little bit because I really  
4 feel for you, David, and the rest of them and the  
5 panel, you are volunteers. You're here on your own  
6 dime as we are, too. But we don't have the millions of  
7 dollars of research facility or the city ability to get  
8 into the archives, deliver papers, have the time to be  
9 delivering information as requested because we work our  
10 jobs.

11 I own four companies. I just came in from  
12 L.A. I worked today from 4:30 until about two hours  
13 ago and drove back. I'm here because it is important.  
14 Having the time to participate for us is not the same  
15 as having the time for you to participate, but we value  
16 our -- our participation as a team.

17 Please, remember that the view of the  
18 corporation at this point of social development or the  
19 evolvment is not good because of the hubris that's  
20 been shown. I believe that the best stance that this  
21 panel can take along with the people in this room would  
22 be step back and consider that this is a matter that  
23 requires extreme patience, care, which you've shown,  
24 but it does not mean that we keep people out of the  
25 discussion because they have something to say that

1 isn't proven by a study, that may be proven by other  
2 means.

3 We have a problem in the structure of validity  
4 and we have to recognize that. It was proven two days  
5 ago in our election, nobody expected that to happen.  
6 Nobody expects an earthquake to happen, but it will.

7 So, thank you for your time.

8 CHAIRMAN DR. VICTOR: Great. Thank you. And  
9 thank you for your comment. Ace Hoffman and then Jeff  
10 Steinmetz.

11 MR. HOFFMAN: Good evening.

12 I distributed thousands, well over a thousand  
13 copies of this book, including to all of the members of  
14 the panel at some point.

15 And, Ted Quinn, you're an expert in nuclear --  
16 nuclear information, so you have no right to say this  
17 isn't peer reviewed. I've given the weight the scores  
18 of San Onofre employees, not one, nobody, has give --  
19 has made a correction to that document.

20 Recently, about a year ago, I interviewed at  
21 the atomic testing facility a man named Peter  
22 Livingstone. He was a re -- a nuclear effects  
23 researcher doing several bomb tests, has 42 tons in the  
24 aerospace industry and has a plan for neutralizing  
25 nuclear waste.

1           Uranium 235 and plutonium 239 are fissile and  
2 there's an awful lot of that stuff in the spent fuel,  
3 therefore, the last -- at the last meeting, Tom  
4 Palmisano talked about the dangers or criticality  
5 events.

6           Criticality events can occur today, they can  
7 occur during transport, they can occur if an airplane  
8 crashes into it, if a terrorist attacks the waste, they  
9 can occur at the consolidated interim storage site,  
10 they can even occur in a permanent storage site.

11           But uranium 235 and plutonium 239 can be  
12 fissioned. Now, that's going to create fission  
13 products, but they can be fissioned. It's been proven  
14 in a linear accelerator that that can be happen.

15           And what we can do is, we can take those nice  
16 straight rods that are illustrated over in the back  
17 room there and fire a laser down -- down the beam, fire  
18 the laser beam down those rods and fission those two  
19 products, that eliminates the criticality danger.

20           And by eliminating the plutonium 239, you'll  
21 eliminate the 600,000-year storage problems, you're  
22 down to a 600-year storage problem from the fission  
23 products, most of them. They are what I call the  
24 noble 7, which lasts a lot longer, but there's not  
25 nearly as many of them.



1           So the storage problem has now become  
2 something that it is only two or three times the length  
3 of the -- that this country has existed instead of 10  
4 times, 100 times the length that the pyramids have  
5 existed.

6           I asked you, David Victor, if you would let  
7 Peter Livingstone, who is in his late 80s and had a  
8 heart bypass surgery this year, come and talk to you  
9 for maybe 10 or 15 minutes. I didn't get any answer.

10           I would like you to let him come talk as soon  
11 as possible, preferably at the next meeting and explain  
12 this idea in more depth. It's his idea, not mine.

13           And I can't find a nuclear scientist that can  
14 explain why it's not a good idea to neutralize the  
15 waste and eliminate those dangers.

16           It makes the waste far safer, safer to  
17 transport and -- and just much more manageable problem  
18 that is within the realm of human life spans instead of  
19 being beyond our ability to even know what could  
20 possibly happen, volcanically, earthquakes, tsunamis,  
21 asteroids, all those dangers. We only have to look 600  
22 years if we neutralize the waste.

23           Thank you very much. And I didn't take any  
24 extra time.

25           CHAIRMAN DR. VICTOR: Thank you for comment

1 and for your attention to the timing. I'll have a  
2 comment back on that during the -- later.

3 But Jeff Steinmetz and then Roger Johnson.

4 MR. STEINMETZ: Hi. Thank you for having us  
5 here tonight. The first thing I'd like to do is I'd  
6 like to offer sincere apology to Pam on the panel  
7 there. At a previous time at a public meeting I said  
8 that the entire CEP panel was not interested in what  
9 the -- the community actually had to think or had to  
10 say about how things are done at nuclear -- at SONGS  
11 nuclear power plant.

12 So, Pam, my sincere apologies. You should  
13 never have been included in that statement.

14 Now, I'm glad that a couple of people brought  
15 up peer review and I'm glad Victor brought up Donna  
16 Gilmore's questions concerning the tank in  
17 South Africa.

18 It's funny that Victor should mention that he  
19 never got a follow-up email because he's been told  
20 about this issue time and time again. He actually has  
21 content in his safety of long-term storage and cask  
22 issues for San Onofre regarding this. This is his  
23 paper. This is paper that was peer-reviewed.

24 By the way, has anybody on this panel read the  
25 peer reviews that were provided for his paper?

1           CHAIRMAN DR. VICTOR: Please continue with  
2 your comment and we'll --

3           MR. STEINMETZ: It was a bloodbath.

4           So when he comes up here and says that our  
5 experts don't measure up, you've got to look at what he  
6 wrote and what the experts wrote about him.

7           Now, on security: I found it interesting that  
8 they mentioned repeatedly that everybody at San Onofre  
9 is completely committed to safety. Well, that might be  
10 true for the most part at the plant. The community  
11 does not agree at all as far as Southern California  
12 Edison is concerned.

13           The history at that plant is very dismal. One  
14 of the things that was actually forgotten was the  
15 November 29th and 30th article in the Huffington Post  
16 and later picked up by the AP about sabotage at the  
17 plant. Everybody's forgotten about that.

18           There was an FBI investigation about it and  
19 there was never any public statement as to what had  
20 occurred. I would like an answer to that. I would  
21 like the FBI to come and talk about the investigation.

22           I tried to mention it with your security  
23 agent. All he did was to try to intimidate me by  
24 asking, "Well, who is your source?" And then he asked  
25 me my name. Well, guess what, my name is Jeff

1 Steinmetz. I live in San Clemente.

2 Give it your best shot. Thank you.

3 CHAIRMAN DR. VICTOR: Okay. Thank you for  
4 your comment. Next is Roger Johnson and then Leah --  
5 I'm sorry -- I can't read it. I think it may be  
6 Vasquez. But Roger Johnson is next and Leah is after  
7 that.

8 MR. JOHNSON: Thank you.

9 In the spirit of trying to make suggestions  
10 for the CEP for the future, I could identify three  
11 avenues of progress: One is the top-down approach,  
12 another is the bottom-up approach, and a third I call  
13 the sideways approach or behind-the-scenes one.

14 It seems the CEP has done way too much of the  
15 top-down approach. And I think you -- you have great  
16 confidence in the mechanism of government and agencies  
17 and bureaucracies.

18 Take the two bills in congress, they're both  
19 flawed, they're both going nowhere. Look at the  
20 Department of Energy, look at all these agencies. If  
21 we have a century, we might be able to go through --  
22 check all the boxes and go through all this. It's not  
23 going to happen.

24 We have a window of opportunity of maybe  
25 10 years, maybe 20 years. The casks are going to

1 deteriorate and then we're going to reach the point  
2 where they can't be moved because they're too fragile  
3 and too dangerous.

4           So, what I see lacking in the -- in the group  
5 here is the sense of urgency and we have -- there  
6 should be a huge sense of urgency and you should do  
7 more than this top-down approach.

8           You're unrealistic about the mechanisms of  
9 government. You're unrealistic about some of the  
10 dangers. I consider terrorism our number one danger.  
11 It's hardly ever discussed.

12           The Sandia National Laboratory says one truck  
13 bomb on a periphery of a nuclear power plant could send  
14 plumes of radiation.

15           The second approach I call a sideways  
16 approach, give you one example: The secretary of the  
17 Navy was in Camp Pendleton about a month ago. Not a  
18 word on the public record was discussed about the  
19 number one issue there and so I wrote them a letter.

20           And I said, "You realize you have almost 2,000  
21 tons of plutonium on your base? And what are you going  
22 to do about it? And one accident and the whole base is  
23 history. Evacuate the whole base forever and that's  
24 it." No answer.

25           I don't see why we can't communicate, work

1 more -- work more closely with the Department of Navy.  
2 I know Dan mentioned this. The military moves nuclear  
3 waste all the time. They move all kinds of stuff.

4 They have a lot of capabilities and there's a  
5 lot they could do and I don't know whether you're  
6 communicating behind the scenes with them. But why  
7 can't we get the Department of the Navy and the whole  
8 military involved in this?

9 The bottom-up approach is what's lacking, I  
10 think. And we heard a lot about that tonight, but we  
11 need more of a way-two effort.

12 An example, this is a recent election. I  
13 looked at all this, I saw almost no mention in any  
14 newspaper for any candidate about this problem, the  
15 number one problem in this area.

16 And I asked the editor of San Clemente Times,  
17 "When you ask about traffic light problems and this,  
18 why don't you ask about this?" Because their  
19 positioned so in San Onofre. And they don't do it.

20 I wrote to the reporters at the UT San Diego,  
21 the Orange County Registers, they don't ask the  
22 candidates. Issa says very little. Applegate has said  
23 things behind the scenes, but didn't go public with it.

24 This should be a major issue and so I think we  
25 need more pressure from the public so we can all work

1 toward the common goal that Tim mentions. We all want  
2 this waste out of here and so I think the public can  
3 help with this effort. We need to create pressure.  
4 They don't feel any pressure. Politicians don't feel  
5 the pressure.

6 CHAIRMAN DR. VICTOR: Okay.

7 MR. JOHNSON: And so we need to get together  
8 to -- to do this.

9 CHAIRMAN DR. VICTOR: Thank you very much for  
10 your comment. Next is Leah Vasquez.

11 MR. JOHNSON: So I'm suggesting this: Lower  
12 the top half of the program and make it five minutes  
13 for the public.

14 CHAIRMAN DR. VICTOR: Thank you for your  
15 comment, Roger. Leah Vasquez and then Barry and I  
16 don't -- Leah, are you here? Am I -- oh, yeah. Thank  
17 you. What is your last name?

18 MS. VASQUEZ: You're correct, Leah Vasquez.  
19 Thank you very much.

20 I have been here before. I have worked with  
21 secured nuclear waste. I am a daughter of an actress  
22 who with the entire crew all died from cancer in the  
23 nuclear test over St. George, Utah, in that area.

24 And I remember very well testimonies and the  
25 Native-Americans and how things were covered up. I

1 don't feel that way with this group. I think you're  
2 working very diligently and very hard and I commend all  
3 of you. I also respect the differences of opinion and  
4 the strong passions.

5 One of the things that is very obvious is that  
6 the public is not engaged. And for those of us who  
7 have children, who surf, go down to the beach along  
8 San Onofre area along trestles, one of the things --  
9 and I'm going to give a couple of suggestions and this  
10 is really serious: We need to know what kind of  
11 outfall on a daily basis, if it isn't monitored, it  
12 should be and it should be posted in these areas along  
13 the beach.

14 And I know the business won't like it, I know  
15 people don't want to recognize it, but we have both the  
16 sand and we also have the ocean and we need to see  
17 those numbers just like we do rainfall.

18 We need to see it to remind the public this is  
19 a serious, serious issue and it's not going to go away.  
20 The other thing that is very apparent, because I asked  
21 today, where can we see the exit route.

22 Well, I know that every community has this  
23 plan and we have hundreds of miles. We need to see  
24 that exit plan on public broadcast stations constantly  
25 and in every city.



1           We have -- and I'm from Laguna Beach and we  
2 have an emergency manager, but we don't get -- we have  
3 all kinds of information, but I don't see it. In other  
4 words, I'm in my home, if it happened today, if we had  
5 a disaster, what do we do?

6           We had a fire and we ended up going down the  
7 highway, one way, and when we got down near  
8 San Clemente, there was no other way. I mean, it was  
9 -- it's just a log jam. So we need a very coordinated  
10 system regardless of when this might happen or if it  
11 ever does or doesn't.

12           So I'm besieging you to -- to not only move  
13 forward and I commend you for wanting to get -- to get  
14 on with it. I know there's disparity about the  
15 thickness of the casks, but I'm hoping that you'll be  
16 able to -- my time is up -- you'll be able to do some  
17 of these things about public posting.

18           Thank you very much.

19           CHAIRMAN DR. VICTOR: Okay. Thank you very  
20 much for your -- for your comment, which resonates with  
21 some of the points that Sara made earlier.

22           Last is Barry. And Barry, I don't have your  
23 last name here, so --

24           MR. PAULOSIER: Paulosier.

25           CHAIRMAN DR. VICTOR: Paulosier. Thank you.

1           MR. PAULOSIER: So just to -- I guess quick  
2 question and probably best for Madigan or Quinn, has  
3 the dry cask storage been -- you know, what kind of  
4 success we had with that historically?

5           CHAIRMAN DR. VICTOR: Why don't you make your  
6 comments and questions and then we'll answer? We do it  
7 all at the end.

8           MR. PAULOSIER: My concern is, you know, we've  
9 had a history of trusting in engineering until it  
10 fails. And the schematics are create, what have you.  
11 My dad grew up in Baldwin Hills. His dad's friend  
12 bought the lot right below the dam. He trusted the  
13 American engineering.

14           And then the dam engineer forgot to factor  
15 like, you know, there's a bunch of oil mining there and  
16 it sank and the dam ripped and took out a bunch of  
17 houses and that was a huge debacle in L.A. County a  
18 couple of decades ago. Right?

19           I'd like to trust the monopoly. Mine is in  
20 the solar industry, seeks the backbone of our power  
21 plants that we engineer and design and built. But, you  
22 know, San Bruno, a lot people died, the wildfires out  
23 on the East STG and Torrey, a lot of people died and  
24 money was not -- that was set aside for safety wasn't  
25 even used.

1 I'm glad you guys have a 25 percent  
2 contingency on 4 million dollars, that's a lot of extra  
3 money to, like, get more than a five 8th inch cask. I  
4 can -- I know the coast from Big Sur to Baja every  
5 inch, spent 90 miles along the coast yesterday on my  
6 way to Runner Huts.

7 My exit plan, if something goes down, I had  
8 two bars left on the fuel. But, basically, it's really  
9 plastic zone. Family and friend in Encinitas, he's got  
10 -- he's used to have an 80-foot deep backyard. He's  
11 got a 20-foot deep backyard. And the coast is plastic,  
12 it's moving.

13 Just this last year we lost a lot of the road  
14 on, you know, right there where the church is right  
15 down Beach Road. It's like -- it's a very sensitive  
16 spot and with the way the climate is going, if things  
17 aren't engineered to last well past anyone's grandkids'  
18 lives here, typically, things don't last as long unless  
19 they're planned for, specially when they're a one-off  
20 single-time engineering.

21 So if this dry cask thing doesn't have a real  
22 big success record, which I doubt it has just based on  
23 the history of nuclear power and how long it has been  
24 around, I hope you guys, like, really engineer 10-X or  
25 50-X, not like a multiple of three or five or something

1 because it's -- like they're saying, things take a long  
2 time.

3 I've talked to people in Montana about how  
4 great the gold mining was or what the concept was  
5 during the fallout that they've had for the last  
6 decades, you know. It really needs to be thought out  
7 well past worst-case. And just some facts.

8 We've had so many disasters in your local grid  
9 in the last couple of decades from the best engineers  
10 that these guys are buying and it's a bit concerning,  
11 so, you know --

12 CHAIRMAN DR. VICTOR: Okay.

13 MR. PAULOSIER: I'm just curious what that  
14 record has been.

15 CHAIRMAN DR. VICTOR: Thank you very much for  
16 your comment. So we have -- we're overtime, but I do  
17 want to make sure we take some time for Dan and Tim to  
18 tee up some of the major questions we think we can get  
19 answered tonight. I want to answer a couple that have  
20 been pointed in various ways to me.

21 So Dan and Tim, how do you want to organize  
22 our time?

23 MR. BROWN: Why don't you first, Dan, and I'll  
24 just go right after you.

25 MR. STETSON: Thank you, Tim. Because, I

1 don't know about you, but I'm exhausted.

2 MR. BROWN: Yeah, there was a lot of comments.

3 MR. STETSON: And we just want to touch on a  
4 couple of questions. But I think it's important to  
5 realize a lot opinions have been expressed tonight on  
6 both sides of it, but we all agree on one thing and  
7 that's the thing we want to continue to focus on and  
8 that we all want to get the spent fuel out of here as  
9 quickly as possible.

10 So, moving into the questions, even though our  
11 Newly Elected President doesn't believe in climate  
12 change and thus the oceans aren't -- must not be  
13 rising. Many of us in this room think that the oceans  
14 are rising.

15 If I might ask you, Jim, the question came up  
16 about what cities have you done that relate to the  
17 ocean rising as related to the storage of the casks,  
18 and then also the same person asked the question about  
19 the special conditions from the Coastal Commission that  
20 are requirements and meetings those.

21 So if you could answer those two questions.

22 MR. MADIGAN: Sure. I'll start with -- I'll  
23 start with the Coastal Commission's request for aging  
24 management plans, that is part of the permitting  
25 process. We are not overdue in providing that

1 information to them. There is a schedule and we will  
2 meet the schedule to provide that information to them.

3 With respect to studies for ocean tides and  
4 rising waters, that was part of the State Lands  
5 Commission study. I don't have all the details on  
6 that. That's something that we can bring those details  
7 back to you, but that was part of the State Lands  
8 Commission study to approve the CDP for that.

9 MR. STETSON: Will that be in the  
10 environmental impact report that they're working on?

11 MR. MADIGAN: Yes.

12 MR. STETSON: Okay.

13 MR. MADIGAN: Well, hang on. Let me make sure  
14 -- the environmental impact report they're working on  
15 for the current CEQA analysis?

16 MR. STETSON: Yes.

17 MR. MADIGAN: No, it's in the environmental  
18 impact report for the permit, for the spent fuel pool  
19 -- or the spent fuel pad.

20 MR. STETSON: Okay.

21 CHAIRMAN DR. VICTOR: It seems to me that  
22 there's a series of questions around the conditions and  
23 what we should think about this conditional approval,  
24 the 20-year approval, and maybe we could put those  
25 together and put a -- put together a single answer to

1 those because I think the aging management part of that  
2 is what something that this panel is committed to spend  
3 sometime on, understanding what that is, so that would  
4 be real helpful.

5 MR. BROWN: Okay. That was -- Dan, right, I  
6 had that same question. There were a couple of -- Gary  
7 raised the issue about failure of dry casks -- as well  
8 as Barry also asked the question about the reliability  
9 and engineering in dry casks. There was one other  
10 question about the casks.

11 I think it's worth giving some perspective on  
12 dry cask storage to date and the success rate as well  
13 as what, you know, the plans are in the transition and  
14 then ultimately the reliability or, at least,  
15 confidence in that technology going forward.

16 MR. MADIGAN: So, thank you.

17 That's a great question and one that we will  
18 be exploring in great details as we move forward in the  
19 next year and talk about the defense-in-depth and aging  
20 management. The safety record for storage of spent  
21 fuel is 100 percent. And as part of the licensing for  
22 the spent fuel canisters, it requires for re-licensing  
23 to bring forward aging management programs. So it's  
24 not just the one and done engineering analysis, it's a  
25 continuous process.

1 MR. BROWN: Okay. And how -- how long have we  
2 had casks? Because I remember that we had casks on  
3 site since -- '06? What was the date that we first put  
4 casks into service?

5 MR. MADIGAN: I think it was 2003.

6 MR. BROWN: Oh.

7 CHAIRMAN DR. VICTOR: But in the industry, the  
8 oldest cask -- I just have this in my brain because I  
9 worked very heavily on this white paper that was  
10 supposedly a bloodbath. The first industry experience  
11 with this -- these stainless steel kinds of casks is  
12 now more than 20 years old because the first series of  
13 sites that had those casks have already been through  
14 the re-licensing process.

15 MR. BROWN: Oh, I see.

16 CHAIRMAN DR. VICTOR: And that license lasts  
17 for 20 years.

18 MR. BROWN: Okay. Dan.

19 MR. STETSON: Thank you.

20 Again, Jim, Gary brought up a question about  
21 or actually a statement that there was some damaged  
22 fuel rods that were loaded when -- into dry cask when  
23 they should've been canned.

24 Would you like to comment on that, please?

25 MR. MADIGAN: I don't know what he's talking



1 about, so I don't have any data that would show we have  
2 any damaged fuel that's been put into canisters that  
3 weren't stored properly.

4 MR. STETSON: If you'd --

5 MR. MADIGAN: So I --

6 MR. STETSON: Okay.

7 MR. MADIGAN: I can't respond.

8 MR. STETSON: But kind of going along a little  
9 bit along the same line, if there are damaged rods,  
10 what is the process to handle those?

11 MR. MADIGAN: So all the fuel is inspected and  
12 fuel assemblies that have damaged rods are stored in a  
13 specially designed canister. They're -- the term is  
14 "canned" and it's part of the license and the  
15 certificate of compliance for the fuel canister itself.

16 MR. BROWN: Okay. There was a concern that --  
17 that the Edison would bury the waste and then walk away  
18 so they're not responsible for it anymore. I know that  
19 that was addressed earlier.

20 I just want to confirm exactly how Edison is  
21 approaching ownership of the site and long term what  
22 their plans are.

23 MR. MADIGAN: Well, we own the license and as  
24 long as there is fuel there, we'll be responsible for  
25 that fuel.

1 MR. BROWN: Okay. It's definitive.

2 MR. STETSON: Okay. Actually, this is for  
3 Tom, who is on the panel. And, Tom, the question came  
4 up is, why can't the Navy be more involved? Could you  
5 tell us a little bit about what the involvement  
6 currently is and what we expect it to be?

7 MR. CAUGHLAN: Yeah, the way the real estate  
8 operates in the Department of the Navy is that the  
9 Marine Corps owns the installation and operates the  
10 installation for the purpose for which the installation  
11 was created, in this case, training Marines.

12 The Department of the Navy's real estate  
13 manager and their engineering department is the Naval  
14 Facilities Engineering Command. So the ownership  
15 process of, say, the NEPA process, is owned by the  
16 Naval Facilities Engineering Command.

17 I -- I parenthetically say the reason that the  
18 Vermont solution doesn't apply out here is because the  
19 Department of the Navy owns the land and you can't sell  
20 what you don't own. So Southern California Edison  
21 couldn't sell this to anybody. It's Navy property.

22 And the Navy -- the Marine Corps agenda here  
23 is to get it back into useful training land as quickly  
24 as possible, which we're doing incrementally. The Mesa  
25 Site or the site that is on the inland side of the

1 freeway is -- there have been some demolitions already,  
2 a lot of the sampling of soil, some cleanup actions.

3 It's moving well down the way to return that  
4 to military training land. The prospect of returning  
5 the actual SONGS generation site to military training  
6 land, because of that closure time line of 60-something  
7 years, is very less likely to happen in living life  
8 times.

9 But the process of -- of returning the land to  
10 the Navy involves the restoration of the property to  
11 the acceptable level, according to existing science and  
12 our -- our reuse, that is a subject of ongoing  
13 discussion.

14 I believe the standard is 25 millirems. Look,  
15 I'm an out-of-work helicopter pilot, I'm not a nuclear  
16 engineer. Okay. So I believe the standard was -- was  
17 quoted at .25 millirems and I believe the cleanup  
18 contract is at 15, so it's about three 5ths of what  
19 would be acceptable. But we don't really know what we  
20 want it to be because we have to define the reuse.

21 Now, I'm the guy that closed Tustin Air  
22 Station on my active duty job and when we closed up  
23 there, the standard we used was local reuse authority,  
24 what's your intention for the land we're going to give  
25 back to you, and we then had the obligation to clean it

1 up to that level, which is what we did.

2 We were -- because of the contamination that  
3 was almost entirely aviation gas and jet fuel, we could  
4 use other simple process of cooking it out of the  
5 ground and then using the hydrocarbons to continue to  
6 fuel the cooking process and then turn sterile soil  
7 back into the ground; worked pretty well.

8 But that's the process that we used when we  
9 were going to turn the land back over to the community  
10 and that's the process that we will use to set the  
11 standard for what we want the land to come back to  
12 because we plan to use it for military training without  
13 any negative impact to the marines or their families.

14 Because, remember, the first place that gets  
15 contaminated is military family housing. Before it  
16 even gets to San Clemente, it goes through well where  
17 our kids live, so we have a vested interest here, too.

18 And we're going to train Marines over the land  
19 for as long as we have it and that means we want to be  
20 able to train them there without any negative  
21 consequence for casual exposure walking across the  
22 ground.

23 CHAIRMAN DR. VICTOR: Excellent.

24 MR. CAUGHLAN: So that -- does that answer the  
25 process -- the question? I'm sorry. I'm long-winded.

1           CHAIRMAN DR. VICTOR: No, that's very helpful.

2           And I just want to report that Tom and I talk  
3 periodically about getting the folks from the Navy  
4 Lands Department here in whatever the right way is.  
5 That has not yet been possible to organize, but I know  
6 the communities are interested in hearing more from the  
7 Navy about what their internal process is once that's  
8 possible for them to come and visit us.

9           MR. BROWN: Okay. David, this is actually a  
10 question for you. There was a few comments that  
11 because there are so few people here that this panel is  
12 failing in its objectives. I just wonder if you had a  
13 comment about that.

14           CHAIRMAN DR. VICTOR: I think -- I certainly  
15 would hope that we get more people involved in these  
16 meetings. And one of the purposes of this meeting was  
17 to have an honest conversation, not with a bunch of  
18 people just saying yes, about what's working, what's  
19 not working.

20           And we're not always going to agree on this,  
21 but I do want to say that what's happened over the last  
22 two years or so is the work of this panel has  
23 increasingly been out in the communities doing lots of  
24 other things in addition to these meetings.

25           So, Marni mentioned these various efforts to

1 engage our environmental community; many of us are  
2 active in that: Jerry Kern, Lisa have been very  
3 heavily involved in the legislative side, Glen Pascall  
4 and Garry and Dan, others, in mobilizing the  
5 environmental community.

6 So I think the standard to hold success or  
7 failure of this panel against over the next few years  
8 is around these major topics that we talked about  
9 tonight and that's not all going to get resolved in  
10 these meetings.

11 But I do think these meetings are very  
12 important. And if people have ideas about how we can  
13 get more of the diverse communities involved in this  
14 and here, whether it's a different time, a different  
15 format and so on, I'm all ears and I know other folks  
16 are as well.

17 MR. BROWN: If you got any more, go ahead.

18 MR. STETSON: David, another question for you  
19 or comment, if you'd like, Ace brought up some  
20 questions about the plant to -- or capability of being  
21 able to neutralize the spent nuclear fuel.

22 CHAIRMAN DR. VICTOR: Yes.

23 So let me just say, I'm technically very  
24 interested in this and I'm very -- I've been very  
25 interested in people who are excited about breeder

1 reactors and a whole variety of other things that can  
2 take what is spent fuel that's underutilized and make  
3 the fuel -- spent fuel management problem easier.

4 So my resistance on this is not the lack of  
5 technical interest. My resistance on this is, I can't  
6 see a scenario by which a regulated utility that has a  
7 set of regulatory obligation for its existing site  
8 would actually allow or be allowed to allow its fuel to  
9 be used in this way and so that's my concern.

10 So I am -- I'd be happy to sit down and meet  
11 and learn more about this and I'd love to listen and  
12 learn more. I will say the time horizons remain a huge  
13 problem because whether it's 600 years for the fission  
14 products or many times that for the original spent  
15 fuel, that's still certainly beyond my lifetime.

16 And my goal is actually, by the time the casks  
17 come up for re-licensing, which is the 20-year time  
18 horizon, for us to have it all out of here; that's the  
19 time horizon. So that's, I think, where we should be  
20 focusing, but I'd be happy to meet with that person.

21 MR. QUINN: I would, too.

22 CHAIRMAN DR. VICTOR: Yes. Then, please, I  
23 will make sure that Ted and I are in the room.

24 MR. BROWN: There was -- there was one comment  
25 that I'll answer to Ms. Gale, came from L.A., that this

1 is doomness, that the plant has doomed this entire  
2 area. One of the things I will say is, the plant was  
3 built in 1960 when San Clemente had less than 10,000  
4 people in it. Since then we've grown 65,000 people and  
5 the homes have exponentially -- worth vastly amount  
6 than they were back in that time.

7 I would say that the idea that our communities  
8 are doomed, I think it's a little bit of hyperbole.  
9 It's a beautiful place to live. I think all the  
10 residents here could say that. I love living in  
11 San Clemente.

12 And although we have concerns and I want the  
13 waste removed, I certainly would not characterize  
14 San Juan, Dana Point, San Clemente as doomed areas by  
15 any stretch of the imagination. So I just had to say  
16 that because it's a great place to visit.

17 Come to our beaches. It's wonderful.

18 CHAIRMAN DR. VICTOR: Other comments?

19 MR. STETSON: Last one for Jim.

20 Jim, there were some questions about the  
21 public post -- perhaps some public postings on the  
22 outfall on a daily basis. Are there any outfalls that  
23 you might be able to inform us about? Because I don't  
24 really --

25 CHAIRMAN DR. VICTOR: The question was about



1 the monitoring of the outfall, the content of the  
2 outfall, which I assume is for fissile materials.

3 MR. MADIGAN: Okay. The comment of we're  
4 still going to have to release the pools I think was  
5 the comment.

6 MR. BROWN: No, it's the daily outfall.

7 MR. STETSON: The daily outfall. I'm assuming  
8 the daily -- only daily outfall is the 5 percent of  
9 water still going --

10 MR. MADIGAN: Oh, you're talking about the --  
11 the pipe, the outfall, the conduits?

12 MR. CAUGHLAN: The conduits.

13 MR. MADIGAN: The conduits. Okay. Thank you.

14 MR. STETSON: I'm --

15 MR. MADIGAN: I guess we're still using them  
16 for about 4 percent of the original usage of water.

17 CHAIRMAN DR. VICTOR: But is that for --  
18 that's not -- that's all non-nuclear.

19 MR. QUINN: Not radioactive.

20 MR. BROWN: That's not radioactive.

21 MR. MADIGAN: No, it's used for the permits  
22 that we have from the -- that's from San Diego and just  
23 like we would clean up the water and then release the  
24 water. There may be some residual but well within the  
25 limits of the permit.

1 CHAIRMAN DR. VICTOR: Did you want to say  
2 something about this, Ted?

3 MR. QUINN: It's non-nuclear.

4 CHAIRMAN DR. VICTOR: Did you want to say  
5 something for the record?

6 MR. QUINN: No, he answered.

7 CHAIRMAN DR. VICTOR: Okay.

8 MR. QUINN: He answered.

9 MR. BROWN: That's it.

10 MR. STETSON: That's it.

11 CHAIRMAN DR. VICTOR: I just want to raise two  
12 -- three last things very quickly: Someone raised the  
13 issue of terrorism risk. It was Roger.

14 I am very keen that we have a meeting on  
15 terrorism risk because I think it's on people's minds.  
16 It comes and goes. It's constantly on people's minds.  
17 I'm not actually sure -- I'm not convinced it's the  
18 number one risk, but I'm convinced that people are  
19 concerned about it and we should have a meeting on it.

20 What I don't know how to do, and this is what  
21 I'm struggling with, is how to have a meeting that's  
22 serious about actual analysis and remedy in a  
23 non-classified format; that's my problem.

24 Because you can't talk about most of these  
25 things and the remedies in -- without tipping off the

1 terrorists, and so that's -- it's not for lack of  
2 interest in this, it's for struggling for how you have  
3 a meeting that's serious about terrorism that's not  
4 classified and I don't know how to do that.

5 And so if members of the community and others  
6 have views about this that we can have an effective  
7 meeting in that kind of environment, I'm all -- I'm all  
8 ears and I'm sure other people will as well.

9 I just want to commend the comment from Adelia  
10 Sandoval about the Band of Mission Indians.

11 And if you'd invite me to come and listen and  
12 learn, I am -- would be delighted to do that. So,  
13 please let's talk about that off -- offline.

14 I think Eric -- no, correction -- Jeff  
15 Steinmetz raised some comments. Clearly, we're going  
16 to disagree on a lot things, about the peer review that  
17 was done on that white paper.

18 Precise -- I raised the question again with  
19 Donna Gilmore at our last meeting about the Koeberg  
20 tank precisely because I and others spent a lot of time  
21 researching that tank to understand what the actual  
22 risks are and whether the tank is a relevant analogy to  
23 the casks that are here.

24 And the clear answer to that, from lots of  
25 different sources, was no, and so then -- but then

1 claim -- it's very clear what the data showed and then  
2 people keep saying the same thing over and over again.

3 And so I asked, "Send that information back to  
4 me because maybe there's some new information that we  
5 didn't see," and that's why I asked about it.

6 It's not that we were ignorant of the  
7 existence of a tank that had cracked in South Africa.  
8 That's not being used for this purpose at all. It's  
9 cooling and heating because it's a cooling tank. It's  
10 that this claim keeps getting made and made in the  
11 press that's scaring people in ways that are not  
12 legitimate.

13 And if there's some legitimate basis there,  
14 then -- then let's talk about it. So that's -- it's a  
15 factual question, that was the reason for it.

16 And so I would love to have an additional  
17 input as to how the peer review was a bloodbath. I --  
18 in my day job, as an academic, run lots of peer  
19 reviews.

20 And that was certainly not a bloodbath. But,  
21 please, please show me that information. I'd be very  
22 interested to see it.

23 Any -- any other comments from the panel?

24 And we've gone way over time and I apologize  
25 for that. So, thank you all very much. Please drive

1 safely tonight, and thanks for joining us. I really  
2 appreciate it and I know many others -- all the others  
3 do as well.

4 (CEP meeting adjourned at 8:45 p.m.)

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