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CEP REGULAR MEETING
SONGS Dismantlement and Removal of Spent Fuel
Via Skype, Thursday, March 26, 2020

REPORTER'S TRANSCRIPT OF MEETING
March 26, 2020

Reported by:
Denise Herft, CSR #12983
Assignment #4020846
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SAN ONOFRE DECOMMISSIONING
COMMUNITY ENGAGEMENT PANEL MEETING
STATE OF CALIFORNIA, COUNTY OF ORANGE

Transcript of videotaped meeting, taken
via Skype commencing at 5:30 p.m., Thursday,
March 26, 2020.

1 COMMUNITY ENGAGEMENT PANEL MEMBERS:
2 CEP CHAIRMAN - DR. DAVID G. VICTOR
University of California, San Diego
3
VICE CHAIRMAN - DAN STETSON
4 The Nicholas Endowment
5 CEP SECRETARY - JEROME M. "JERRY" KERN
City of Oceanside
6
HON. PAUL WYATT
7 City of Dana Point
8 DONNA BOSTON
Orange County Sheriff's Department
9
RICH HAYDON
10 California State Parks
11 GARRY BROWN
Orange County Coastkeeper
12
VAL MACEDO
13 Laborers International Union of North America
Local 89
14
CAPTAIN MEL VERNON
15 San Luis Rey Band of Mission Indians
16 MARNI MAGDA
SIERRA CLUB, ANGELES CHAPTER
17
TOM ISAACS
18 DOUG WOODYARD
DOUG BAUDER
19 LOU BOSCH
JERRY STEPHENSON
20 RON PONTES
VINCE BILOVSKY
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PUBLIC COMMENT PERIOD

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1 Via Skype, California, Thursday,
2 March 26, 2020

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4
5 CHAIRMAN DAVID VICTOR: Thank you very
6 much. Thank you, everyone. This is going to be
7 interesting. Welcome to tonight's virtual meeting
8 of the San Onofre Nuclear Generating Station, The
9 SONGS Community Engagement Panel. Today is March
10 26th, 2020.

11 My name is David Victor. I'm the
12 chairman of the CEP. And I just want to remind
13 everybody that today's meeting, like all of our
14 meetings, is being recorded so that people can
15 look at it later on, and we can use portions of
16 the meeting for information to the public on a
17 variety of important topics.

18 I want to thank all of you, the CEP
19 members, the members of the general public, the
20 SCE staff for joining us remotely tonight.

21 Just a quick word on safety, every
22 meeting begins with a safety moment. Usually we
23 tell you where the exits are, what to do in the
24 case of an emergency. Tonight's safety moment is
25 about a different topic, which is to continue to

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1 practice appropriate social distancing during this
2 pandemic. In particular, we in Southern
3 California have great beaches and oceans and so
4 on, and please continue to honor the rules around
5 closures of those spaces and social distancing.
6 We need to flatten the curb as folks have been
7 saying. It's of paramount importance.

8 We're trying to maintain our commitment
9 to community engagement during these tough times,
10 and so virtually all of us are participating
11 individually tonight from different locations.
12 Hopefully everybody was able to use the Skype
13 instructions. If you weren't, please send an
14 e-mail to this e-mail address up on the screen or
15 me or if one of the other CEP leaders, so we can
16 get you connected during this.

17 Manuel is going to remote -- is going to
18 advance the slides remotely. If anyone has a
19 question that they would like to have answered, as
20 is normal practice in our meetings, or if you
21 would like to be on the list for public comment
22 tonight, please send an e-mail to this address.

23 When we get closer to the public comment
24 period, we'll also be using the chat functions.
25 If you want to get yourself on the list that way,

1 you can do it as well. If you want to be on the
2 list right now, send an e-mail to this address,
3 and we will get you on that list. Then when we
4 get to the break, I will read off where we are on
5 the list and we'll hopefully be efficient in that
6 process.

7 Next slide, please.

8 Here's the agenda for tonight. We are
9 going to have a few opening comments. We are
10 going to have some community updates. Then we're
11 going to have an update on the decommissioning
12 process with Doug Bauder. We're going to talk
13 about where we are with environmental stewardship,
14 particular on two topics, one around the radiation
15 monitoring system that many of the members
16 community have been very keen be put into place.
17 There will be an update on that. And also liquid
18 waste discharges from the plant operations of
19 particular spent fuel pools.

20 Then we're going to have an update on
21 fuel transfer operations, the schedule, where we
22 are with that, a break, then public comments, and
23 a public dialog, facilitated dialogue after that,
24 and then some closing comments.

25 Next slide, please.

1 I want to make just a few opening
2 comments, and then turn it over to Doug to talk
3 about this situation. In particular, obviously,
4 we're going to be talking about COVID-19 questions
5 tonight.

6 So next slide, please.

7 Obviously, we're doing this as a virtual
8 meeting in the interest of public health. And
9 members of the CEP will be able to ask questions
10 during the first part of the meeting just as is
11 normal. Your microphones are open. If you want
12 to jump in, please say your name, and I will --
13 can you put that slide back up. That would be
14 great. Thank you very much.

15 I'll give you the floor and people can
16 make your comments. Please be sure to say who you
17 are because even more than when we have video --
18 in-person format, it's very hard to know who is
19 speaking.

20 For the public comment period, we're
21 going to open mics one at a time if you're on the
22 list. You'll have the normal three minutes. I'll
23 say a little bit more about that when we get to
24 that stage.

25 I'd also just welcome, it's not on the

1 list here, but I really would welcome feedback
2 from people after this meeting about what's
3 working and what's not working with these hosted
4 virtual meetings.

5 We're going to have to figure out this
6 technology out. Everybody is trying to figure
7 this technology out. It seems quite plausible, if
8 not likely, that we're going to have another
9 meeting in the same format. So we need to -- this
10 is not a one-off. We need to do better and learn
11 quickly, and I welcome your input on that.

12 Let me give the floor now to Doug Bauder
13 who is going to talk about where the site is with
14 regard to the pandemic protocol and the orders in
15 place for the federal government and particular
16 the State of California.

17 Doug, the floor is yours.

18 MR. DOUG BAUDER: Thank you, David. I
19 appreciate the intro there. I just want to point
20 out and thank everybody for joining, all of you
21 online, and point out that we do have the SONGS
22 pandemic protocol in place here at the station.
23 Actually, I'm presenting from my office here at
24 the station, and the other presenters are in
25 different conference rooms and offices, so we're

1 actually split up here, which could create some
2 coordination in answering questions, but if a
3 panel member has a question, please stop me or one
4 of the presenters, and we'll do our absolute best
5 to go after the proper response.

6 Our pandemic protocol is in place at the
7 station. I want everybody to know that this is
8 not uncommon for nuclear plants. It's actually
9 something that the NRC expects us to do. Our
10 protocol is built in stages, and we think that our
11 response is appropriate for the condition that
12 we're in now.

13 I also want to emphasize, and I'm
14 probably going to say this more than once tonight,
15 that protection of our employees at the plant,
16 especially our employees who do essential
17 operations, critical operations for the station
18 that involve protecting the fuel, security
19 officers -- operators is paramount, and our
20 protocol is built to support that.

21 It is compliant with the governor's
22 stay-at-home order, which was issued on the 19th
23 of March. Along with that order, we reviewed some
24 Department of Homeland Security guidance in the
25 form of a memo that was associated with a critical

1 infrastructure, and since that time I think some
2 of you know that the governor provided additional
3 guidance for essential workers last weekend
4 following the issuance of the order, which we can
5 talk a little bit more about this evening.

6 But the pandemic protocol in place at
7 SONGS as well as the order ensures work and safety
8 and for us as well, the regulatory compliance and
9 continuity of our business.

10 We do have strict travel restrictions in
11 place as part of our pandemic protocol. In
12 general, when somebody travels, even domestically,
13 they undergo a review process if they traveled
14 outside the local area, and that typically
15 involves quarantine for 14 days before they're
16 allowed to return to work here at SONGS.

17 Next slide, please, Manuel.

18 So I want to point out a couple of points
19 regarding our protocol and the COVID-19 response
20 here at SONGS. Our contractors are committed to
21 it. They're dedicated to it. They're just as
22 concerned with worker safety and in some cases
23 continuity of operations as we are.

24 Following the issuance of the governor's
25 Safer at Home order on March the 19th, we

1 curtailed work. We took a pause on fuel transfer,
2 we curtailed all of the deconstruction activities
3 we had going on, and of course we placed our
4 workplace in a safe condition, and we took a
5 review on location of activities and interaction
6 with critical staff, we reviewed the governor's
7 order, we looked at the Department of Homeland
8 Security guidance associated with -- issued on the
9 same day as the order, and we also reviewed the
10 essential workers guidance provided by the
11 governor, like I said, last weekend.

12 We sent out a note out to stakeholders
13 this week. We did resume fuel transfer operations
14 yesterday. We're doing those safely, we're doing
15 those compliantly, and, you know, we feel that as
16 other utilities are approaching the same situation
17 as we're in, the work we're doing is defined
18 essential by the Department of Homeland Security,
19 and is listed, the decommission nuclear stations
20 as well as the operating nuclear stations are
21 listed as part of the nation's critical
22 infrastructure sectors.

23 Once again, the decommissioning plants
24 are on that list. So we studied the information
25 that we had carefully. We took a careful approach

1 to our field transfer operations. We made sure
2 that they were in compliance with our SONGS
3 protocol, and we are safely continuing that
4 operation.

5 With regard to the remainder of the D and
6 D activities, we're reviewing those now to see
7 what activities can be safely performed without
8 introducing any additional risk to the station
9 while we're under this protocol.

10 Next slide.

11 Okay, David.

12 CHAIRMAN DAVID VICTOR: Excellent. Thank
13 you very much. So I want to remind everybody that
14 the CEP is not a decision making body but an
15 engagement body. The meeting materials, it's
16 normally our fashion to -- more than a fashion --
17 our good practice to circulate those materials to
18 the full CEP a week in advance as opposed to
19 online. It would be the understatement of the
20 decade to say that there's been a lot flux over
21 the last few weeks, so those materials were only
22 posted last night and circulated to the CEP, and
23 so I apologize for that. If we continue in this
24 virtual mode, we'll have to figure out how to do
25 that in a more timely way so people can see the

1 materials sooner.

2 For CEP members, I invite you to unmute
3 your phone and chime in during the presentation,
4 and for the public, as I said earlier, we'll have
5 the public comment period in a little bit.

6 So right now we're at the part of our
7 agenda where we're going to have some community
8 updates.

9 Next slide, please.

10 So there's five items I want to cover in
11 macro picture right now. First is on the federal
12 legislation and appropriations. As a reminder to
13 everyone, we care a lot about this because
14 ultimately we want to get the spent fuel out of
15 here in a responsible way to an interim storage
16 site and/or a permanent repository. The only
17 major development that is covered in the local
18 press quite well that's happened since our last
19 meeting is the president's new budget does not
20 include any funding for Yucca Mountain, and that's
21 related to the politics, the electoral politics of
22 Nevada.

23 My own view is that that's actually
24 potentially good news, in part because of one the
25 hardest things to do politically in developing

1 legislation for interim storage and getting the
2 interim storage program going, has been to put
3 together a deal that has folks that want Yucca to
4 happen, along with folks who want interim storage
5 to happen or other things to happen. The more
6 that Yucca is seen not as a real prospect, I think
7 the easier it's going to be and get focused on
8 interim storage. With the big caveat that
9 anything that costs money and anything that
10 requires attention right now in the middle of a
11 global pandemic with the economic freefall that
12 we're all in and the responses to that, that's not
13 going to be high on the radar.

14 Existing legislation, existing
15 appropriations do allow some continued progress by
16 the Department of Energy and the Nuclear
17 Regulatory Commission on interim storage, and both
18 sites are advancing along as expected. The
19 environmental reviews on the New Mexico site have
20 just come in. They show no significant concerns,
21 at least from the environment point of view.
22 We'll have an update later this year on interim
23 storage questions and where we go with that.

24 The second item here concerns
25 Representative Levin's task force report, and for

1 that I want to give the floor to Dan Stetson.

2 VICE CHAIRMAN STETSON: Hi, David. Thank
3 you.

4 The Congressman Levin's SONGS task force
5 report has been completed and a press conference
6 had been previously planned, however, that had to
7 be postponed. On March 16th, Kyle from
8 Congressman Levin's office -- actually Kyle is
9 part of the meeting right now, but I'm just going
10 to read your e-mail, Kyle.

11 It says, "Hello All. Due to the ongoing
12 Coronavirus situation, the SONGS task force report
13 press conference is being postponed. We will
14 follow up with rescheduling information when
15 available. Stay safe. Best, Kyle."

16 So that's the latest we have on that.
17 I'm sure after things simmer down, we'll hear back
18 from Congressman Levin's office in terms of when
19 the press conference will be rescheduled.

20 CHAIRMAN DAVID VICTOR: Excellent. Thank
21 you very much.

22 So next item here is the CEP closed
23 session report. We had the first ever closed
24 section of the CEP membership, so an opportunity
25 for people to talk off the record about what's

1 working, what's not working, how do we make sure
2 that the CEP's work is as useful as possible to
3 the communities that are affected by the
4 decommissioning of the plant.

5 Other issues that are on the horizon. I
6 would say we spent a lot of our time talking about
7 two issues in particular. One is what does the
8 CEP look like after fuel transfer operations are
9 over, so after the fuel is out of the spent fuel
10 pools and into the ISFSI, the Interim Storage
11 Facility, not knowing exactly what interim means,
12 and with the continued gridlock in Washington, the
13 prospect of that being even longer.

14 Once that situation has happened, which
15 might be this summer, depending on how things
16 unfold with the pandemic, then the question is
17 what can the CEP do and how can it organize itself
18 so it's useful. I think at that point it looks
19 like we'll probably go to a meeting schedule that
20 is quarterly as is in our charter, a requirement
21 in our charter, but is -- probably has two
22 meetings a year focused on big topics, like
23 interim storage, like defense-in-depth at the
24 ISFSI so people can be confident with what's
25 happening there for the long term, if the long

1 term is required, and two meetings that are more
2 of a summary and update type. That's still a work
3 in progress. We welcome input from members of the
4 community about that.

5 The other thing we spent some time
6 talking about is how can we get more of the
7 material out of these meetings back in the hands
8 of CEP members and the general public, especially
9 elected officials who are often getting questions
10 about what's going on at the plant, and this is
11 kind of an avalanche of material that is
12 available.

13 One of these things we're going to start
14 doing is after each of these meetings is offer a
15 kind of crisp summary. I will do a dress
16 rehearsal of that at the end of this meeting, a
17 crisp summary of what some of the key points are,
18 and then we will very promptly put that together
19 into a note that we can send back out to all the
20 CEP members and also get out to the communities
21 around the plant and a variety of other things.

22 So that's the report on that closed
23 session. My guess is we're going to do that again
24 once a year or something like that. I thought
25 that was a very helpful meeting with the CEP.

1 The fourth item is an update on what used
2 to be called the workshop on outlier events and
3 response strategy is now going to be a full CEP
4 meeting, it will be the next CEP meeting on May
5 28, format TBD. Could be virtual, could be in
6 person. My guess is we're going to be still
7 virtual, but we'll see where we are, and
8 additional meetings if needed.

9 I'm going to say a little more about that
10 on the next few slides, but before we go there, I
11 just want to pause for a moment and see if there
12 are any other members of the CEP who want to
13 provide updates to the community about where we
14 are with things that are related to the plant and
15 the decommissioning process.

16 Okay. Next slide, please.

17 So the next CEP meeting, I want to take a
18 couple slides and give a review of where we are.
19 This is a meeting that has emerged two years ago,
20 and then the events of August 2018 and the
21 aftermath of that meant we had to put the planning
22 process on hold so that it can be planned
23 properly.

24 The current working title is about
25 outlier events and response strategies so the idea

1 is what are some of the extreme things that might
2 happen at the site where the site is an ISFSI only
3 site, meaning it only has the spent fuel sitting
4 there, like several other sites in the United
5 States and many more in the future, what are some
6 of the extreme things that could happen there and
7 what are the response strategies inside the fence
8 line, outside the fence line, in Orange County and
9 San Diego County, and then what should the public
10 know about this.

11 We had a lot of questions from the public
12 about this. We've had a petition where many
13 members of the public have contributed to, and a
14 variety of other inputs. So the preparations are
15 now moving very rapidly and extensively, and
16 they've continued we're all -- we're doing
17 everything virtually, and the agenda is now taking
18 shape.

19 Next slide, please.

20 I want to talk about the process on this
21 slide, and then in a moment I'll talk about the
22 agenda, where we are. So we've had multiple
23 sources of community input on what are the
24 questions that people want to have answered.
25 We've had external stakeholders, that I mentioned,

1 we've done over the last two months a survey of
2 the city managers of all of the cities and all of
3 the communities that are around the plant, in a
4 broad sense around the plants and not just the
5 ones physically adjacent but also the larger set
6 of communities.

7 We've enlisted a panel of experts to help
8 us review the different scenarios, the things that
9 could be outlier events. We'll talk more about
10 that in just a moment.

11 We've had a planning committee since the
12 fall of 2018 that went dormant late 2018 when
13 everyone was focused on other thing, and then it
14 was reactivated, and it's been very active in the
15 last few months. Three in-person meetings, one
16 meeting via Skype just last week, and I'll show
17 the members of that in a little bit, but it has
18 members of different segments of the community,
19 CEP members, representatives from the first
20 responder communities, Orange County, San Diego,
21 and of course people from Edison itself.

22 The idea has been to review and discuss
23 the planning process and to engage with experts
24 who can help us, not tell us what this meeting
25 should be focused on, but help guide us on which

1 kinds of scenarios, outlier events are more
2 consequential and which are less consequential.

3 It became very clear early on in this
4 process that we needed some expert help, people
5 who do this kind of work and look at ISFSIs and
6 safety questions professionally with a variety of
7 the different backgrounds. We need expert help to
8 understand which kinds of scenarios are really a
9 concern and which are a lesser concern, at least
10 from the expert point of view.

11 I went with some help to the National
12 Academy of Sciences, to the person who runs the
13 board that does all of those National Academy
14 studies on nuclear safety and on nuclear risk and
15 radiation. We consulted with several members of
16 that board, identified larger -- large group of
17 experts, and we also in parallel identified
18 through the planning committee and through Edison
19 and the NRC, a set of scenarios that would seem to
20 be plausible scenarios that we then put to those
21 experts. I'll show that list of experts in a
22 little bit.

23 In that process it became clear that
24 there are fast moving events, like terrorism where
25 you wake up one day and you have an event, and

1 then slower moving events for which it is a little
2 easier to predict what might be happening; sea
3 level rise, groundwater intrusion, a variety of
4 other things. That distinction is very important
5 because it affects the response strategies.

6 I would say the bulk of the conversations
7 with the experts around scenarios that we should
8 be really attentive to are terrorism in the
9 broadest sense, but both terrorism on the outside
10 and potential insider elicited activity. So we're
11 going to see that on the agenda for the meeting
12 that we'll talk about in a little bit, a big
13 chunk, big emphasis on that.

14 I want to just emphasize that in this
15 process we've had a whole series of plausible
16 scenarios that have been discussed. Some are
17 going to end up with more focus on the meeting.
18 Some are going to have less focus on the meeting.
19 All of them, though, are going to get answers.
20 There's a library that's emerging, still to come,
21 with resources, technical resources, a variety of
22 other resources that are linked to each of these
23 scenarios of potential concern.

24 There will be a set of kind of
25 explanation memos, because quite often there's

1 long complicated technical documents that are not
2 written, what I understand is English, and so
3 we'll write a simple memo as to help guide people
4 as to what to look at and what the information is
5 that can be helpful.

6 And then crucially in the next week or
7 two, I think, I will be able to put together a
8 summary of this whole process, of the inputs of
9 information, the scenarios, where they came from,
10 what all the experts thought about the different
11 scenarios. Just I believe yesterday got final
12 clearance from the last expert to be able to show
13 all the individual expert responses, plus the
14 summaries of the expert meetings that looked at
15 which scenarios are more consequential and less
16 consequential. We're going to document all that,
17 make it all transparent, all available to the
18 public so the people can see what the process --
19 people can see the process that we went through
20 and raise questions and so on.

21 We're going to do this quickly so that,
22 even though the meeting isn't until the end of
23 May, there's an option for people to look at this,
24 to ask questions, have questions answered, go
25 several rounds on that.

1 Next slide, please.

2 This slide gives just a kind of quick
3 overview of the agenda that's emerging for this
4 meeting. As I've already mentioned, the
5 expert-driven process has really focused a lot on
6 terrorism, not exclusively on terrorism.

7 The community driven process has focused
8 a lot on sea level rise and other things that
9 people in the community are concerned about. We
10 in the planning committee thought it was very,
11 very important that this process, that the agenda
12 reflect not just kind of what the experts thought
13 was important, but also what different members of
14 the community, including what we're hearing back
15 from city managers about questions of concern in
16 the local communities, and that agenda is going to
17 be adjusted in the coming months as this whole
18 process unfolds.

19 As I mentioned, we're going to make sure
20 there are answers for all credible topics and
21 scenarios, not just the ones that get a lot of
22 emphasis in the meeting, but also all of them that
23 come up during this extensive planning process.

24 The meeting itself is going to focus on
25 the scenarios. What are some of the things that

1 could go wrong, and what are we understanding
2 causally as to why that might happen, and the
3 response strategies. So those will be the two
4 kind of centers of gravity of the meeting.

5 I want to emphasize that we're getting as
6 much of the preparatory material put together now
7 and out in the public space soon so that the
8 public can ask questions in layers. You can ask
9 questions soon. There have already been a lot of
10 questions particular to the planning committee,
11 get answers. People can see materials well in
12 advance so that you can anticipate what people are
13 going to say during the public meeting, including
14 what the experts are going to say, and the first
15 responder communities are going to say. You can
16 put the questions to them in advance.

17 So this is really an extensive engagement
18 process that is well-informed by all the different
19 segments of the community in advance, and it's
20 oriented around facts and information and
21 documenting this, and making all of that alive on
22 the website so that this information is useful,
23 not just for the individual meeting but beyond.

24 The agenda itself is probably going to
25 have some initial comments from different segments

1 of the community. There's going to be a short
2 segment about the basics of radiation and
3 contamination, Radiation 101.

4 Then we're going to have a panel with
5 four members of the expert group talking about
6 plausible event scenarios, a panel probably with
7 three people from the different first responder
8 communities inside the fence line at Edison San
9 Diego and Orange County, and public comments,
10 including public comments and questions in advance
11 so that some of the public questions that are
12 posed in advance can be answered as part of the
13 regular meeting.

14 Next slide, please.

15 MS. MARNI MAGDA: David?

16 CHAIRMAN DAVID VICTOR: Go ahead.

17 MS. MARNI MAGDA: As you were talking
18 about the planning committee, and I seem to
19 remember it might be later in the packet of
20 materials we have, but for those people who don't
21 have that ahead of time, maybe you could explain
22 how or is there a list later on of who is on that
23 and how you picked them, because I think that
24 helps people understand the process.

25 CHAIRMAN DAVID VICTOR: Thank you very

1 much.

2 So the next slide here is the planning
3 committee. Sorry the slide is -- as a professor,
4 this slide violates all of our norms of good
5 slides. It's got a lot of words on it. But it's
6 got a list here of the planning committee on it,
7 and the planning committee is the super set of
8 people have been very active in the community
9 about these kinds of issues, such as decommission.

10 Members of the CEP who have expressed a
11 lot of interest and concern about the long term of
12 the ISFSI and wanted to contribute time engagement
13 around the planning committee and the CEP
14 leadership the three members: chairman, vice
15 chairman, and secretary of the CEP, the key people
16 from Edison as well, and then the key first
17 responders communities.

18 So that's the planning committee as it
19 stands right now. It was a little bit smaller
20 initially and got bigger over time, including with
21 additional first responder community.

22 I also want to thank the experts. I
23 appreciate that everybody who has worked on this
24 has done this enormous contributions as
25 volunteers. I went to the National Academy of

1 Scientists and asked their to help on a volunteer
2 basis to identify experts and help recruit them
3 and help us recruit them. We went out to
4 ultimately eight or nine experts, I think. Almost
5 everybody said yes, and then they all contributed
6 their time on a volunteer basis to look at
7 scenarios. They wanted additional information
8 about the ISFSI, so they got additional
9 information about the ISFSI. They gave written
10 inputs, they attended the meetings.

11 So it's really just been -- I have to say
12 this is public service at its best, and I really
13 want to thank both the planning committee and the
14 experts for their contributions.

15 I want to stop for a moment, Marni, and
16 see if that's responsive to the question that you
17 asked.

18 MS. MARNI MAGDA: Yes, thank you. I
19 didn't remember it was coming up so quickly so
20 that's exactly what I was hoping everyone would
21 see and see the wonderful range of people that
22 you've included. Thank you.

23 CHAIRMAN DAVID VICTOR: It's not me, it's
24 the CEP, it's Edison, and it's all the different
25 people who have been involved in this process and

1 say, Hey, you should involve X, you should involve
2 Y, so I really appreciate that.

3 I want to pause for a moment because I
4 think the next segment is going to be an update
5 from Doug but before we go there, I want to see if
6 there any other members of the CEP who would like
7 to make any other comments on this process about
8 this next meeting or any other updates.

9 Okay. Doug, I want to put the floor back
10 to you. The next item on our agenda is a
11 decommissioning update. Doug, the floor is yours.

12 MR. DOUG BAUDER: Thank you, David, I
13 appreciate it.

14 So, Manuel, if you could just advance to
15 the next slide, please.

16 For a standpoint in the big picture,
17 we're focused on are really safe and prompt
18 deconstruction. Following our notice to the
19 public on January 22, 30 days after that on
20 February 24th we started the actual limited
21 decommissioning work here at the station. Some of
22 that work involved actually removal of some waste
23 from our containment structures, asbestos waste to
24 make it safe conditions for our workers, and in
25 another couple of slides I'm going to show you

1 sort of a broad layout of how the decommissioning
2 work looks over the next eight to ten years.

3 We like to safe and prompt, because we
4 want to be -- safety is our number 1 priority
5 throughout the decommissioning, and we are
6 starting into the industrial work now, and we're
7 very careful to ensure that the work we do on a
8 limited scope basis does not interfere at all with
9 safe fuel transfer, which is the next subject
10 here.

11 We continue to safely transfer the fuel
12 into the Holtec system, and Vince will provide an
13 update on that a little later on. That's on
14 schedule. We're doing about one canister a week,
15 which gives the workers plenty of time -- time off
16 and time to rest and regroup. We're also working
17 on an inspection and maintenance plan for the
18 Holtec system. That was a commitment we made to
19 accelerate at the -- you'll recall at the Coastal
20 Commission meeting back on October 17th of last
21 year, and as well we're working on an aging
22 management plan for the AREVA TN fuel storage
23 system, which will be presented to the Nuclear
24 Regulatory Commission for the next licensed period
25 on that system.

1 And then as we presented in prior
2 meetings, we've initiated an effort, a strategic
3 effort for location of the fuel offsite, and that
4 includes a detailed transportation plan. So our
5 expectation is for those plants to be -- they're
6 in development now and to be ready -- ready for us
7 to take over and do some key actions throughout
8 this year. The plan itself should be completed by
9 end of the year of 2020.

10 Next slide, please, Manuel.

11 These are our decommissioning principles.
12 You've seen these before. Very much focused on
13 safety as is paramount now as we're getting into
14 the physical D and D activities.

15 And then stewardship, both environmental
16 stewardship we've done a what I think is a pretty
17 good job of implementing all the environmental
18 mitigation plans. We've had preliminary
19 inspections by representatives from California
20 State Lands as well as the Coastal Commission on
21 our mitigation plans, and I will say this effort
22 continues.

23 Ron, who is about to take over for me in
24 his presentation today, he's really the one in
25 charge of our environmental mitigation plans here

1 at the station.

2 And then engagement, we thought this
3 meeting was important to have it online. It's
4 important to connect. So these three principles:
5 safety, stewardship, and engagement just I think
6 are going to stay with us throughout the entire
7 decommissioning.

8 Next slide, please.

9 For most of you that have attended
10 meetings, know that we've shown this slide many
11 times. This is just the overall layout on our
12 decommissioning work with major bars that show
13 when we expect things to happen. The physical D
14 and D work is about an eight to ten year window
15 ending in 2028.

16 We do expect to have all the fuel in dry
17 storage by midyear this year and which will
18 obviously support some of the more important
19 deconstruction work coming up.

20 Next slide.

21 As I indicated, I would talk a little bit
22 about our deconstruction timeline. Here you see a
23 chart that really shows the major work as it lays
24 out throughout the decommissioning eight- to
25 ten-year window. And in future meetings we'll

1 dissect some of this work. We'll show you some
2 pictures of work taking place in the field. We'll
3 show you some of the actual work as we go through
4 these physical decommissioning windows.

5 Right now there's actually a lot of work
6 to do in the containment structures. These are
7 the large structures that you see when you drive
8 down Route 5 and look over at the plant, the large
9 domes, as they're called. The domes contain
10 radioactive material, the reactor vessels
11 themselves that will need to be cut up and safely
12 removed, and so there's just a lot of work in the
13 containment domes.

14 I would point to the first item,
15 containment preparation and internal component
16 removal. You can see that goes out about four
17 years. And then if you move down the page, the
18 third item from the bottom, containment building
19 (domes) demo. Eventually in the out years, '25
20 and '26, you will -- if you're driving down the
21 Route 5 and you look over at the plant, you'll
22 actually the containment dome sink, because the
23 technique we're going to use after the internals
24 are removed is to actually push in on the sides a
25 very little bit at a time and lower the structures

1 to the ground.

2 So I will tell you that the critical path
3 work, the critical path for all the work, which is
4 end to end scheduled goes right through those
5 containment domes. The other work that you see on
6 this slide, the electrical and mechanical systems,
7 the building demolitions, turbine building, and
8 the other work including the underground utilities
9 all really is umbrellaed under the overall
10 schedule. It has to do with the work inside the
11 containment domes, which is a critical path.

12 Finally, I'll point out that we're very
13 committed to remediating the station to well under
14 NRC requirements for decontamination, and you can
15 see the final site survey bar there. We'll start
16 engaging the Nuclear Regulatory Commission early
17 as we go through decommissioning work so that they
18 are aware of our plans, and they are ready to
19 support with the final safe survey requirements.

20 I guess the final thing I'll point out
21 here is we're going to decontaminate the station
22 to what you would call resident farmer standards
23 under the NRC rules for decommissioning, which is
24 a very safe way to take an approach on
25 decontaminating the site.

1 At this point I would like to turn it
2 over to -- if there's no questions from the panel,
3 turn it over to Ron Pontes who will talk through
4 some environmental areas.

5 CHAIRMAN DAVID VICTOR: Let me just pause
6 for a moment before we to go Ron, Doug, and just
7 see if any members of the panel have any
8 questions, I've got two, but I want to see if
9 anyone else has a question.

10 I'm not seeing any of the mics come off,
11 so it looks like we don't.

12 MS. MARNI MAGDA: I might, David.

13 CHAIRMAN DAVID VICTOR: Good ahead,
14 Marni.

15 MS. MARNI MAGDA: I know this has been
16 explained before but it still confuses me on the
17 slide before this one, the decommissioning plan.
18 It shows the timeline, and then it says that
19 the -- says, "all fuel in dry storage," and it
20 shows at 2020, and then it goes all the way out to
21 2049, and I just would love to hear again the
22 explanation for what that actually means for us.

23 MR. DOUG BAUDER: So thanks for the
24 question, Marni. We're showing it this way
25 because we really do not have a fixed timeline to

1 when the fuel shipped off site. So we're
2 conservatively showing the blue bar here, All Fuel
3 and Dry Storage out to the end of 2049.

4 Shipping the fuel takes -- could take up
5 to eight or nine years to do the shipping
6 depending on what kind of allowances are made for
7 offsite fuel storage, how you look at the
8 sequencing of fuel from various nuclear stations.
9 So we're showing it this way. We would obviously
10 like to be able to transfer the fuel offset, the
11 green bar there under "All Fuel and Dry Storage"
12 much sooner. In fact, by the end of this year
13 most of our fuel would be ready to be shipped and
14 licensed and ready to be shipped. It's just that
15 there's no repository so when we show this, we
16 show it going out multiple years.

17 MS. MARNI MAGDA: Thank you for reminding
18 us what we could do if we had a place. Thank you.

19 MR. DOUG BAUDER: Exactly, yeah.

20 CHAIRMAN DAVID VICTOR: Any other
21 questions people have?

22 Thank you very much, Marni.

23 By the way, I think maybe in the future
24 we should make these bars that have unknown ends
25 into arrows with questions marks or something like

1 that, because they could be a lot shorter if we're
2 successful in changing federal law and a variety
3 of other things or they could be longer.

4 I just want to mention that in the course
5 of the planning for the next CEP meeting, we've
6 had a one of our experts has raised the question
7 of what the expiration and then potential renewal
8 around nuclear liability would mean. And so I
9 think one of the issues is going to very
10 interesting -- very important for the community is
11 the ongoing stewardship of the site, so regardless
12 of what deadlines are put on whatever charts, the
13 key point is that Edison has control over the fuel
14 and has responsibilities at the plant and will
15 sustain those responsibilities until there's a
16 longer term solution.

17 One of the other things that's come out
18 of the planning process for the next CEP meeting
19 is the question of whether vibrations or extreme
20 vibrations from the dismantlement process of the
21 plan itself could affect the ISFSI and the
22 integrity of the ISFSI. I think right now the
23 consensus very strongly is no, but we're going to
24 have more documentation around that to help the
25 public understand what the concerns might be, why

1 they're not of concern, and what the possible
2 responses might be.

3 Question I have to you, Doug, is on this
4 slide here, actually the next slide, go to the
5 next slide, please, Manuel, on this slide it goes
6 out to 2027 and 2028, the experience of other
7 plants when firms have been hired that specialize
8 in the process of decommissioning nuclear plants,
9 including that one that you've hired, Energy
10 Solutions, which you've invited to a future
11 meeting, and I look forward that. When they've
12 really focused on this and they had an incentive,
13 they've done it faster than scheduled.

14 Do we have any sense of what the
15 probability is of that and if faster than schedule
16 happens as in typical in other plants, how much
17 faster or is something about this site that makes
18 you think 2027, 2028 is the right date to be
19 focusing on for completion?

20 MR. DOUG BAUDER: Sure, address that
21 David. First to answer or sort of go after your
22 previous remark regarding vibrations for the
23 decommissioning work, we studied that as part of
24 our environment impact report that's on record
25 regarding potential vibrations that could occur

1 from dismantlement activities as they would be
2 felt when the dry fuel storage pad and found that
3 they actually -- the vibrations that we would
4 expect would be very low compared to the rating of
5 the dry fuel storage installations, both the AREVA
6 TN system and the Holtec system. We're happy to
7 share that at the next meeting once again just to
8 refresh everybody and pull those excerpts from the
9 report.

10 Once again, the deconstruction timeline,
11 so when you look around the country and look at
12 various decommissioning efforts, some are
13 successful, some run into issues. And typically
14 where there's a scheduled delay, it is in the
15 containment work, as I mentioned, in the reactor
16 vessel cutup and the segregation of the higher
17 level waste in the containment and doing all that
18 properly so that there's no challenges to work or
19 safety both radiological and industrial safety.

20 So that work right now for us, for SONGS,
21 is approximately an 18 month to 2-year window, and
22 that is actually where the critical path for
23 schedule will lie in the foreseeable future. Now,
24 we've got pretty good confidence that the
25 technology being used or that will be implemented

1 by SONGS decommissioning solutions, a joint
2 venture between AECOM and Energy Solutions, is
3 pretty good. They've learned some lessons from
4 the last decommission effort at Zion Nuclear
5 Station, and the equipment is improved from that
6 effort.

7 So there is a chance that we could
8 improve on this schedule, but it's too early to
9 try to handicap that. I mean, we think we have a
10 good solid schedule now laid out over roughly
11 eight years. If we're very successful in the work
12 inside the containment, there's a chance to pull
13 this in. If we can do that safely, we'll
14 obviously keep the community informed of that as
15 well.

16 CHAIRMAN DAVID VICTOR: Thank you.

17 I think Paul Wyatt wanted to ask a
18 question.

19 MR. PAUL WYATT: Yes, I just wanted to
20 try to recap what I think I heard Doug say in the
21 perfect scenario, if an offsite storage, interim
22 storage site would become available by the end of
23 the year, we would be ready to start transfer, the
24 fuel would be in the state to do that, and it
25 could be transferred in eight to nine years is the

1 total transfer time; is that correct?

2 MR. DOUG BAUDER: Right, so we -- Manuel,
3 if you can go back to the overall timeline again.
4 Thank you.

5 So you can see we have transfer fuel off
6 side and it starts roughly 2034 and it ends 2049,
7 so that's 15 years. That's a very conservative
8 window. When a repository becomes available,
9 we're not sure exactly the order and sequence that
10 the fuel would be transferred in so you can see a
11 pretty conservative window here.

12 Under current rules, under the Waste
13 Policy Act, I believe that the Department of
14 Energy would be responsible for selecting which
15 stations would move fuel and when they would move
16 it, and so you can see a large window here.

17 You could speculate that if a repository
18 opens up and San Onofre was given first priority
19 and we were able to ship, you know, multiple
20 canisters a year, upwards of eight to ten
21 canisters a year, or even more, we will have 123
22 canisters in total in storage, that you could
23 approximate a ten-year or maybe give or take a
24 ten-year window, but it is a sizable project. I
25 don't want to take away from that.

1 You know, the bar that you see here is
2 just an approximation. I was trying to point out
3 earlier that we'll be ready to transfer fuel -- we
4 would be if there was a repository available much
5 sooner.

6 MR. PAUL WYATT: And the follow-up then,
7 will we begin the effort to really lay out the
8 logistics and make sure we would know how we would
9 do that in preparation so that we don't delay if
10 it becomes available? I would prefer not to start
11 lining up all the equipment and rail equipment and
12 so forth and schedule that after, so if we work on
13 what the sequence is, what equipment we would use,
14 how much we could transfer a year prior to the
15 repository, that would definitely speed the
16 process.

17 So I think -- I guess my only comment
18 here is I think we need to have effort ongoing on
19 that even if we don't know where and when we will
20 begin to ship. We should be ready to move the day
21 they say yes.

22 MR. DOUG BAUDER: Exactly. And I
23 mentioned earlier we have a strategic plan and
24 development for relocation of the fuel. As part
25 of the strategic plan is included a detailed

1 transportation plan. So we'll be putting all
2 those pieces together. You know, what we
3 constantly say is how would it be if a facility
4 opened up and we weren't ready.

5 So the detailed transportation plan is
6 being -- it will be developed this year, and we'll
7 start really looking at what we need to put that
8 plan together.

9 MR. PAUL WYATT: Great, thank you.

10 CHAIRMAN DAVID VICTOR: Thank you.

11 I think we're going to have a meeting
12 around the questions of where we are with interim
13 storage maybe the end of this year, maybe first
14 quarter next year. We ought to make sure it's
15 focused not just on the places to send spent fuel,
16 but also on transportation, on the strategic plan.

17 We should have the team back from North
18 Wind once they've done their work. I spoke with
19 Ernie Moniz about this a couple of months ago, and
20 I think everybody at that point will be ready to
21 talk about, what does the plan look like, what are
22 the lead times needed. I think crucially we need
23 to pay attention not just what we need to do
24 inside the organization but also what help do we
25 need regionally including from the State of

1 California once it becomes a prospect to move the
2 fuel. Excellent.

3 I don't see any of the microphones open
4 or wanting to comment, and so I want move on to
5 Ron Pontes who is manager of environmental
6 decommissioning to give us his update.

7 Ron, the floor is yours.

8 MR. RON PONTES: Thank you, David. Thank
9 you, Doug.

10 I want to cover three topics this
11 evening: radiation monitoring, liquid batch
12 releases, the cleanup process for those, and an
13 ocean environmental monitoring.

14 So good news, the radiation monitoring
15 monthly reporting system that we've got in place
16 with California Department of Public Health, the
17 radiological health branch is up and running.
18 They published their first report on March 10th,
19 and we can expect them to publish reports every
20 month thereafter around the 10th of the month.

21 So what they're providing is high, low,
22 and average readings off of each one of the
23 monitors installed around the dry storage system
24 and also a control monitor that's some distance
25 away from the dry storage system for background --

1 to understand what the background radiation
2 readings are.

3 Now this information can be found in two
4 places. It can be found on the radiological
5 health branch website. There's a link here that
6 you can see. That's where you can find it, and we
7 also link to it on the SONGScommunity.com website.

8 So this, again, the report that you'll
9 see here when people look at it, it's monitored
10 after a similar type system installed at the
11 Prairie Highland nuclear plant in Minnesota, and
12 while we're very proud to have this up and
13 running, transmitting this information to the
14 folks at -- that are interested in knowing about
15 the radiation here, radiation levels around the
16 system.

17 If we can go to the next slide. Next
18 slide, please.

19 Okay. So this view is a photograph of
20 the plant, and you can see the four locations for
21 the monitors: Locations 1, 2, and 3 are located
22 near the Nuhoms system and the Holtec system, and
23 then you'll see location number 4, that's our
24 control location, and so it's monitoring
25 background.

1 Now, the typical readings that we are
2 seeing off of these monitors, the background
3 readings are 8 to 11 millirem -- excuse me -- 0.11
4 to a low of about 0.8 millirem at the control.
5 And then other monitors are running around .00 --
6 0.22 millirem on average, so very low readings.

7 If we can go to the next slide.

8 I want to spend a little bit of time
9 talking about the batch release cleanup process.
10 Because last meeting we had I discussed the batch
11 releases that we were making, and we mentioned we
12 clean up this water before we release it to the
13 ocean, we clean it up and we sample it.

14 And so this diagram here gives you
15 some -- it's a simplified diagram, but it shows
16 how we clean up the water. In the upper left
17 you'll see a storage tank that takes the input
18 from our various tanks and sumps. That water is
19 processed through a mechanical filter, which is a
20 bag filter, then a charcoal filter, then resin
21 beds; cation bed, anion bed, a mixed bed to clean
22 up the water.

23 So this system mechanically cleaning it,
24 processing it through the charcoal filter, and
25 then those ion exchangers takes out all the

1 impurities in the water, okay, and a lot of the
2 radiation too.

3 The water then ends up in a processed
4 release tank, presently we're using a tank that is
5 about -- has a capacity of about 20,000 gallons.
6 That tank after the water arrives there is
7 recirculated for a period of time to make sure
8 that is well mix and not stratified in any way.
9 And then we draw a sample.

10 So that sample is then -- it's
11 representative of the contents of the tank, and
12 it's sent to a lab where sensitive instruments
13 measure what the radioactivity is in the water,
14 and then we prepare our release permit here on
15 site and process that through our operations
16 group. Once they've authorized the release, then
17 we would make that 48-hour notice that we're
18 required to make to the public, and once that
19 48 hours is behind us, we can start the release.

20 You can see here on the diagram the water
21 flows to the unit 2 outfall, and then on the
22 right-hand side you'll notice there's the dilution
23 flow. We have dilution pumps running drawing
24 water in from the ocean from the unit 2 and 3
25 intake conduits, and that mixes there the unit 2

1 outfall, and then it goes out to the ocean. More
2 on that in just a moment on the next slide.

3 But here you'll notice that the water is
4 also continuously monitored by a radiation
5 monitor. That sensitive radiation monitor if it
6 detected something outside of its limit, it would
7 stop the process. We're continuously monitoring
8 the release as we make it.

9 Now, if we can go to the next slide.

10 Okay. We reviewed this slide at the last
11 meeting. I just want to remind everybody how far
12 off shore the release is made. It's more than a
13 mile. You can see that circle there on the left,
14 about 6300 feet from the plant or from the
15 shoreline is where the release starts to enter the
16 ocean.

17 Again, it's very well diluted. We've
18 measured and monitored the contents of the release
19 before we make it, so we know what we're doing and
20 what the release is and what its effect is, and
21 then make the release. These releases are taking
22 about four to five hours to make, so they go
23 relatively fast. That's where we are on that.

24 Now, what are we planning for the rest of
25 the year, we've got 14 or 15 more of these

1 releases to make, so we'll be working on that.
2 There was a question that came up last meeting,
3 how many releases do we need to make, you know,
4 throughout this entire process over the coming
5 years, and that isn't quite known yet. I mean, it
6 depends on the pace of the project, how much
7 dilution we have to do, how much cleanup we'll do
8 on site before we make releases and so on, and
9 just knowing those total volumes.

10 So we haven't quite got all that down
11 yet. We'll report on these as we go forward, and
12 we'll let everyone know how we're doing that.

13 I do want to mention one other thing,
14 it's not related to these batch releases, but
15 yesterday we did have an unexpected release to the
16 ocean from our sewage treatment plant. We had an
17 upset condition in the system, and we released
18 about an estimated 7,000 gallons to the ocean of
19 partially treated sewage to this unit 2 conduit
20 that you see here.

21 So we're investigating what the cause of
22 that was, and once we know that, we'll get our
23 sewage treatment back online and bring it back up
24 to the water that we process through there is
25 fully treated before its released.

1 We did make all the necessary
2 notifications, including to the Water Board,
3 San Diego Department of Health, and State Parks,
4 even the NRC and few other agencies. So we've
5 followed our procedures and requirements of our
6 permitting, and we've made all those
7 notifications. So that's out there.

8 So, again, we're investigating that
9 situation.

10 So if we can go to the next slide.

11 Okay, so the other good news, as part of
12 our lease with the California State Lands for the
13 offshore conduits, we agreed to build an
14 interactive map that you can find on our website
15 that will show folks what's happening with the
16 environment around the plant.

17 As I said before at the last meeting, we
18 do monitor the environment for the potential
19 impact of the plant in terms of radiation released
20 to the environment, and we agreed in our lease to
21 do this. And we've always been monitoring these
22 points, by the way, and it's always been reported
23 annually in our radiological effluent monitoring
24 program report that goes to the NRC, but here as
25 we take these samples on the ocean side, we're

1 going to report them as we get the information.

2 So there's a number of control locations.
3 There's 19 of them. We monitor the ocean water.
4 We monitor marine animals, like crustaceans and
5 fish, for example, ocean bottom sediment and beach
6 sediment and kelp. So those are the parameters,
7 physical parameters that we monitor and will
8 report on. So monthly water and then
9 semi-annually for those other parameters that I
10 just mentioned.

11 So you can go to this website, the link
12 is shown on the next page. If you go to this
13 website, you click on any one of these locations,
14 control locations, or the indicator locations, and
15 you can then relate that location what we're
16 monitoring for to a report that's provided just at
17 the bottom or just below the map.

18 Okay. So we compare the results of the
19 indicator locations to our control locations. So,
20 you know, the control locations are mostly located
21 far north of the plant so they're not related to
22 what's happening here.

23 If we can go to the next slide.

24 So I mentioned earlier that just below
25 the map you'll find copies of the report. We

1 published our first report for the ocean water
2 samples that were taken in January, and we'll
3 start publishing the semi-annual reports and
4 continue to publish monthly reports as we get the
5 information.

6 Now I do need to remind you that it takes
7 some time to get the results for these samples.
8 So a technician goes and recovers the physical
9 sample from the parameter that we're monitoring,
10 let's say the ocean water. And then that sample
11 is brought back to the site, and then it's
12 packaged and shipped to a laboratory that has
13 sensitive instrumentation that can analyze, in
14 this case, water, and that takes about four to
15 five weeks for that to happen for us to get the
16 results back.

17 Once we have the results, we compare it
18 to the control locations, and then once we finish
19 that comparison and go through our quality
20 assurance checks, then we'll fill out this report
21 and get it posted on our website. It takes
22 several weeks before we can get the information.

23 We'll soon after have the February
24 information for water, and then also to the --
25 we'll start the semi-annual ones next month in

1 April, we'll start collecting that information,
2 and as I said, it will take a little bit -- with a
3 little bit of a delay, we'll have the information
4 posted.

5 You can see a link here where you can
6 find that information that I was just discussing.
7 I think, maybe I went a little fast here, David,
8 but I think I covered everything I wanted to
9 report on.

10 CHAIRMAN DAVID VICTOR: Okay. Thank you
11 very much, Ron.

12 Let me see if there are people who have
13 any questions. I'm confident they will. By the
14 way, the members of the CEP, if you can take your
15 microphone off mute, I can see miracle of miracles
16 through Skype for business, that you want the
17 floor and I'll give you the floor. I've just seen
18 that.

19 Let me ask you a question to go to the
20 materiality of this partially-treated sewage
21 release. So obviously we're in a different
22 situation right now because the beaches are closed
23 and the ocean is closed and people aren't out
24 there, but in normal circumstances in an event
25 like that, which sounds like it happened without

1 warning, would that be material to people using
2 the beach resources and how would they know about
3 it?

4 MR. RON PONTES: It could be. That's why
5 we have to make these agency notifications, for
6 example. Notifying the San Diego Department
7 Environment Health, they can assess what they want
8 to do with the beaches. They might ask State
9 Parks to close the beaches and then require
10 sampling of the beaches to make sure that there's
11 no biological hazard or anything like that, and
12 then reopen the beaches afterwards.

13 In this case my understanding is we
14 informed San Diego Department of Health about
15 this. My understanding is they assessed that this
16 was not a significant event and chose not to do
17 any sampling.

18 In any case, if it had been a larger
19 release or there was some other concern, then they
20 would make those notifications to close beaches
21 and so on, if that answers your question, David.

22 CHAIRMAN DAVID VICTOR: Thank you very
23 much.

24 Dan Stetson, the floor is yours.

25 VICE CHAIRMAN STETSON: Thanks.

1 Ron, quick question, the 19 different
2 control locations, are those -- what are those?
3 Are those buoys? Are those sensors that are on
4 the bottom? What physically are using, or do you
5 just go out there and sample periodically?

6 MR. RON PONTES: Those -- no, there's no
7 buoys or markers like that for these points. You
8 simply use GPS coordinates to go find it and so
9 we're going back to the same place every time and
10 we collect the samples there.

11 Now, fish move around. One of the
12 parameters we monitor for are fish, so we don't
13 get it exactly the same place every single time.
14 And kelp is another one. Sometimes kelp is not
15 growing in a location so we have multiple
16 locations for kelp, and we'll collect it where we
17 can find it in those locations.

18 VICE CHAIRMAN STETSON: Okay, thank you.

19 CHAIRMAN DAVID VICTOR: Any other
20 questions including from CEP members who are
21 dialing in? If you're dialing in, just holler and
22 I'll get you on the list.

23 Okay. Go ahead.

24 MR. JOHN TAYLOR: This is John Taylor.

25 CHAIRMAN DAVID VICTOR: John, the floor

1 is yours.

2 MR. JOHN TAYLOR: I was wondering when
3 they do these releases, what kind of radiation
4 levels is the material once it's diluted compared
5 to background?

6 MR. RON PONTES: That's a good question.
7 So when we make these releases and we make the
8 48-hour notice, John, we actually post what the
9 dose would be to a receptor, meaning a receptor
10 being a person that was receiving a dose from this
11 release.

12 So to give you some idea, the total dose
13 from the last release that we did was 0.002 total
14 body dose to one of those receptors. Now the
15 limit for us on an annual basis for the whole body
16 is 6 millirem, okay, so we were just a fraction of
17 that, 0.03 percent of the total that we can
18 release in a year with that particular release.

19 So likely will be less than even a
20 percent for these releases that we make for the
21 remainder of this year.

22 MR. JOHN TAYLOR: Thank you for that.

23 MR. DOUG BAUDER: You're welcome.

24 CHAIRMAN DAVID VICTOR: Thank you, John.

25 Any other questions from the CEP members?

1 Okay. So I'm going to give the floor
2 next to Vince Bilovsky, who is director and deputy
3 decommissioning officer who is going to give us an
4 update on where the plant is for fuel transfer
5 operations, or because all simple ideas need an
6 acronym, FTO.

7 Vince, the floor is yours.

8 MR. VINCENT BILOVSKY: Thank you, David.
9 Want to go to the first slide there,
10 Manuel.

11 Okay, great. So a fundamental principle
12 that we live by here at SONGS is continuous
13 improvement. One of the ways that we achieve that
14 is by being a learning organization where people
15 performing the work can easily identify issues and
16 opportunities for improvement. And we have a
17 formal robust process program for doing that. We
18 accept all the feedback that we get from the field
19 and do our best to turn it around into positive
20 operational improvements.

21 That's what we've been doing with the
22 fuel transfer program here at SONGS to the extent
23 that we really become the world leading experts in
24 performing this process. I'm going to talk about
25 some specific examples of improvements that we

1 recently made in some later slides, but I also
2 want to make a comment about the strong
3 relationship that we have with our -- between our
4 fuel vendor Holtec, and the SONGS oversight group.

5 We have an environment where people look
6 out for each other's safety, they accept and
7 appreciate coaching in order to support that
8 principle of continuous improvement.

9 Over the past few months we've gone to
10 the point of reliability and predictability where
11 we can do a safe evolution of 37 assemblies from
12 the spent fuel pool and do a dry storage module,
13 and that can occur in less than five days. This
14 gives the crews sufficient rest over the weekend,
15 and thereby avoiding potential impacts and
16 fatigue.

17 Last week we loaded the 55th canister out
18 of 73 total into the UMAX system, and we expect to
19 continue at this pace and complete the project
20 this summer.

21 If we can go to the next slide, Manuel.

22 Thanks. We're going to take a look at
23 some pictures of the independent spent fuel
24 storage installation or as we often call it,
25 ISFSI.

1 If we jump to the next slide, Manuel.

2 Here can you see a view of our ISFSI
3 taken from the northwest corner. What you can see
4 here is the lids of the 73 storage modules, and
5 there's operations taking place in the background
6 there. And if we go to the next slide, we can see
7 a close-up of that operation.

8 This is what we call the stack up
9 configuration. What we're seeing here is a
10 transfer cask. And you can't see it, but there is
11 a loaded fuel canister inside it. The transfer
12 cask is bolted to the top of the storage module.
13 Around the transfer cask is the VCT, which stands
14 for vertical cask transporter, and that's the
15 tracked vehicle that moves the cask onto the ISFSI
16 pad, and it also contains the crane function.
17 That's the towers that you see there, and that's
18 what lowers the canister into the storage module.

19 The workers in the picture there gives a
20 scale perception of the size of the transfer cask
21 and the VCT crane tower.

22 Go to the next slide.

23 CHAIRMAN DAVID VICTOR: Sorry, Vince,
24 before you go on, you just -- I assume this
25 photograph is taken before the era of social

1 distancing. You got two guys hanging out next to
2 each other in the foreground. Help us understand
3 how hard it had been to do social distancing in
4 all these different modes, for example, you got a
5 shift arriving presumably all arriving in
6 staggered form as opposed to all at the same time.
7 How hard has that been and how much extra duress
8 is that putting on the crews?

9 MR. VINCENT BILOVSKY: Right. There are
10 very few operations where we have to have people
11 standing close together. All the workers there
12 have headsets, and they all work very well.
13 They're kind of like the Bose noise cancelling
14 headsets. So they don't have to be close next to
15 each other. There are plenty of the displays.
16 Each one can hold one separately if they need a
17 display. Really in this part of the operation
18 it's not necessary at this point to have people
19 right next to each other. So they're able to keep
20 their distancing.

21 Yes, this picture was taken months ago.

22 MR. DOUG BAUDER: David, if I could make
23 a comment also to augment Vince's response, that
24 would be great.

25 CHAIRMAN DAVID VICTOR: Absolutely.

1 MR. DOUG BAUDER: Sure. I'm assuming
2 everybody can hear me okay.

3 As part of our stand down following the
4 governor's order, we, Vince and the leadership
5 here, the Holtec leadership team, we had
6 discussions with all the workers to make sure they
7 understood our protocol, they understood our
8 social distancing requirements, they understood
9 simple things like when they show up for a shift,
10 they stagger people as they go through our
11 security building. And during our pre-job briefs,
12 they actually use social distancing. We actually
13 expanded the pre-job brief rooms so they can do
14 that.

15 There's a lot of moving parts that went
16 into the protocol. But so far in our observations
17 and our field observations and other forums, we
18 noted that they're compliant with that, and
19 they've given us some good suggestions for social
20 distancing.

21 There is some physical work where they
22 have to work side by side particular in the spent
23 fuel buildings where they're welding the canister
24 lids on, and we have other measures in place to
25 minimize the potential spread of the virus during

1 that work.

2 CHAIRMAN DAVID VICTOR: Okay, thank you
3 very much.

4 Vince, back to you.

5 MR. VINCENT BILOVSKY: We can go to the
6 next slide, Manuel.

7 Okay. Now I'll talk about some of those
8 specific improvements that we've made. For the
9 levelling and the alignment of the canister during
10 download, we've added a process for making the pad
11 around the module more level using spacer shims
12 that can be placed underneath the tracks of the
13 VCT.

14 We've also made procedural enhancements
15 that provide quick reference guidance to the
16 operator for making adjustments with the crane,
17 and we've also figured out how to add some more
18 cameras, and that gives the operators more
19 visibility in the canisters as it passes through
20 the module.

21 All these improvements have made the
22 operator's job easier during the canister
23 downloading process.

24 I want to mention a situation that we had
25 during the download of the 49th canister. At the

1 very bottom few inches of the storage module there
2 are angled support gussets. They kind of act like
3 a funnel, and the canister itself has angled edges
4 around the thick bottom plate, and it matches up
5 nicely with the gussets so the canister will slide
6 into place if it isn't perfectly centered.

7 When it is off-centered, which
8 occasionally happens as it did on this particular
9 download, we'll see a reduction on the load cells,
10 and we call that an underload condition. The
11 canister is still supported by the two slings, but
12 the contact that occurs at the gussets will
13 briefly cause a reduction in the load, and when
14 that happens, the operator stops the process at
15 that point, and then he or she makes sure there's
16 no underload upon resuming.

17 With the new cameras in place, we were
18 able to see the subtle movement of the canister
19 and then use that information to make procedural
20 changes to help prevent underload conditions in
21 the future.

22 So if we can go to the next slide.

23 Another experience that we had was on
24 canister 51, where we had a component fail on the
25 drying system. That component was the blower and

1 which circulates the helium, and it's not a safety
2 related function there are a lot of moving metal
3 parts in the blower motor, so when it does fail,
4 it gets pretty hot. It's not an uncommon
5 occurrence, but it's happened before without
6 incident, but this time there happened to be a
7 small piece of weather stripping on the housing of
8 that motor. As the housing heated up, the piece
9 of material ignited, so there was flame about the
10 size of what you see from a lighter, very small.
11 They were able to put the flame out immediately
12 with a single squeeze of the fire extinguisher.
13 But any fire, no matter how small, is something
14 that we take very seriously.

15 So we performed a thorough evaluation to
16 determine the cause and since then we've made
17 necessary changes so we can avoid that from
18 happening in the future in the unlikely situation
19 that we have another blower failure.

20 If we can go to the last slide.

21 We had power outage at the station back
22 in January. A typical cause, a branch knocked out
23 a transmission line. There were heavy winds that
24 day, and a lot of the power at the station was
25 lost. We were out of offsite power for about

1 45 minutes.

2 Our onsite backup power sources kicked in
3 right as expected, and we went into our abnormal
4 operating procedures. As far as the fuel
5 transfers were concerned, we were in the drying
6 process at that time and had no problem
7 maintaining a seamless safe condition. So the
8 power outage didn't have any impact on the fuel
9 transfer program.

10 And one last note, in reviewing the
11 event, we did determine that we had some
12 improvements to make with respect to emergency
13 lighting in a few areas of the plant. So we've
14 since made those improvements.

15 I think that's my last slide.

16 CHAIRMAN DAVID VICTOR: Thank you very
17 much. I appreciate that. I want to see if any
18 members of the CEP have any questions. Anyone?

19 Okay, excellent. Vince, thank you very
20 much for your comments.

21 And I think we're going to -- next slide
22 please. I think we are going to take a break now.
23 Before we do public comments, I want to just say a
24 couple words about what to expect. Where people
25 have sent in their names in advance, we've already

1 started a list. During the break I'll get an
2 update on that list. I believe Roger Johnson is
3 number 1 on the list.

4 Roger, prepare your comments for five
5 minutes or so from now.

6 If anyone else wants to be on that list,
7 we're going to be opening up the chat function
8 during the break. So you can click on the chat
9 function, and chat, and in particular if you can
10 chat by saying your name and that you want to be
11 on the list, and if you're dialing in by phone to
12 indicate at least the last three or four digits of
13 your phone number so we know which line to open.
14 And then we'll how this goes, and if this turns
15 out to be a nightmare, we'll have to figure out
16 technically a different way of doing this, but
17 please do bear with us.

18 Let's everyone take a -- it's 6:47 right
19 now. Let's come back at 6:55 or so, couple
20 minutes. Take a short break, be safe, have a
21 slice of pizza or whatever you have for dinner at
22 home, and I will be back in just a few minutes.
23 Thank you very much.

24 (Recess taken from 6:48 until 6:56.)

25 / / /

1 PUBLIC COMMENT

2
3 CHAIRMAN DAVID VICTOR: We're getting
4 ourselves resituated here. Maybe, Sanjay, if you
5 could make sure the chat is activated if that,
6 indeed, is what we're going to do so that people
7 can add their names to the list.

8 I've got six people on the list right
9 now. First is Roger Johnson. Second is Charles
10 Langley. Just in a moment -- so the instant
11 messenger is now on, which I've been calling chat,
12 which is indeed the same thing, you never know
13 these day. If you want to go to the instant
14 messenger or the chat, you just click on what
15 looks like a little call out box, a cartoon on the
16 top of the Skype for Business app, and you can
17 chat away. Ideally you would chat away with your
18 name to get on the list.

19 I've got six people on the list right
20 now. First is Roger Johnson, and so, Sanjay,
21 could you please open the line for Roger Johnson
22 who is on the web version.

23 Roger, your mic is open, and the floor is
24 yours. But we don't hear you. Roger?

25 MR. SANJAY GURAGAIN: Roger, you must be

1 on mute.

2 CHAIRMAN DAVID VICTOR: Well, his mic
3 shows himself unmuted, but there may be other --
4 oh, there you go.

5 MR. ROGER JOHNSON: I wanted to ask about
6 the kind of releases we can expect in the next
7 seven or eight years. These are all going to be
8 liquid batch releases, no atmospheric releases.
9 And there's going to be an enormous amount of
10 rubble, and I'm wondering how you prevent it from
11 being washed into the ocean, say when it rains,
12 particularly with contaminated things, like the
13 inside of the domes, about four inches you're
14 going to scrape that off and cart that away. It's
15 going to go to Clive, Utah for class sea-air
16 grader. How many truckloads is this going to be?

17 So a bunch of related questions about
18 what we can expect during this long demolition
19 process.

20 CHAIRMAN DAVID VICTOR: Great. And is
21 there anything else you want to say?

22 MR. ROGER JOHNSON: No, those are just
23 the -- but if you want, I'd be interested to know
24 what's the latest on the conduits in the ocean.

25 CHAIRMAN DAVID VICTOR: Let me put that

1 also on the list here. As is our norm, we've got
2 six people on the list right now, and I'm sure a
3 few others will sign up.

4 Charles Langley will be next. Just as a
5 reminder, Dan Stetson and Jerry Kern are going to
6 keep all the questions, they're going to get
7 response back and forth. I'm sure that Doug and
8 others will be able to talk about all those items,
9 and I can even say a little bit having been to
10 Zion and observed the many trainloads come in.

11 Roger, thank you very much for your
12 question.

13 Next on our list is going to Charles
14 Langley. So, Sanjay, if you could move the
15 microphone virtually as we're speaking to Charles
16 Langley who is also on the app, that would be
17 great. Thank you.

18 Charles, the mic is open. The floor is
19 yours.

20 I will note that there are two Charles
21 Langleys on here on the web version. So I guess
22 both of them are open now.

23 Charles, if you're there, can you say a
24 couple words so we can hear your voice and know
25 that we have the right microphone.

1 MR. MANUEL CAMARGO: David, Manuel here,
2 while we're waiting for Charles, I was able to
3 connect with Charles and actually Nina as well
4 earlier this afternoon. I think the reason you're
5 probably seeing two is Nina was having trouble
6 logging in separately, so they'll speak one after
7 the other.

8 CHAIRMAN DAVID VICTOR: Okay, that's
9 great.

10 Charles Langley or Nina Babiarez, are you
11 there? And after them will be Mandy Sackett.

12 Still can't hear you. Let me suggest
13 that we maybe, Manuel, if you can send them an
14 e-mail or a text and we'll come back to them next.

15 Let's go to Mandy Sackett next. Sanjay,
16 if you could -- move the microphone to Mandy
17 Sackett.

18 Mandy, the line is open for you. The
19 floor is yours.

20 MS. MANDY SACKETT: Hi there. Can you
21 hear me okay?

22 CHAIRMAN DAVID VICTOR: Yes, we can hear
23 you loud and clear.

24 MS. MANDY SACKETT: Okay, great. Mandy
25 Sackett representing the Surfrider Foundation. So

1 just a few topics to cover. Thank you for the
2 updates tonight. I do want to first mention that
3 we are really concerned about the 7,000 gallon
4 sewage spill from the plant yesterday. Water
5 quality is really core to our mission of
6 protecting our ocean waves and beaches.

7 And, you know, we've noticed that no
8 notifications have gone out or have been made to
9 the public, and we think that's really prudent and
10 needs to happen ASAP. We've also made that
11 request to the San Diego Department of Health.
12 We're hoping that Southern California Edison can
13 also take it upon themselves to respond more
14 proactively.

15 State Parks has closed parking at their
16 beaches as of yesterday, but pedestrian access is
17 still allowed, so we can expect people will be
18 recreated over the next few days, especially this
19 weekend. Most people walk or bike anyway to
20 Trestles surf break, which is adjacent to the
21 plant. They're likely to turn out in droves again
22 as they did last weekend. It looked like 4th of
23 July down there, which we are not encouraging.
24 We're reminding everyone to of course respect all
25 beach closures at this time, but thus far the

1 ocean is not closed for recreating.

2 We're really urging Southern California
3 Edison to conduct water quality monitoring by
4 tomorrow at the latest and posting those results
5 before weekend access. Definitely interested in
6 more information about how this happened and
7 what's being done to prevent it for the future,
8 and like I mentioned, we've also contacted San
9 Diego Department of Health and State Parks with
10 these same requests, but really hoping that
11 Southern California Edison can take some more
12 proactive and corrective actions.

13 Okay. And then on another note we'd also
14 like to thank Edison for posting notifications
15 again on their website before any of batch
16 radiological effluent releases take place, but we
17 would like to request that the community members
18 be notified somehow of those postings either by
19 notifying news agencies or sending an e-mail
20 notification.

21 We all don't always check the SONGS CEP
22 website every day, and so, you know, we deserve to
23 be able to make informed decisions when we go to
24 the beach so we think that would be prudent and
25 transparent of Southern California Edison to

1 implement.

2 And then we're also curious, I was a
3 little bit confused about how in the beginning of
4 the presentation it seemed like you mentioned that
5 the fuel transfer and decommissioning activities
6 were paused due to the COVID-19 response, and then
7 later on it seems like they hadn't been paused, so
8 I'm interested in verification on that.

9 And finally I was wondering if Southern
10 California Edison could provide us with an update
11 on its aging management plan whether we can expect
12 a draft or public review or what the public input
13 process will be on that. And thank you for the
14 update on the fuel transfer plan. That was all
15 good to know. I think that's all I got from me.
16 Thank you very much for your time.

17 CHAIRMAN DAVID VICTOR: Thank you very
18 for your comment. And I assume your comment about
19 the aging management plan also relates to the
20 Coastal Commission submission that is due shortly,
21 so we'll get answers to that later.

22 Let's go back to now Charles Langley and
23 Nina Babiarez. Sanjay, if you could open up those
24 two microphones, and, Charles, the floor is yours.
25 Your microphones should be open.

1 Charles, the floor is yours.

2 MR. CHARLES LANGLEY: Hi, can you hear
3 me?

4 CHAIRMAN DAVID VICTOR: Yes, loud and
5 clear.

6 MR. CHARLES LANGLEY: Sorry about that.
7 My question is this, the Edison -- sorry,
8 I'm getting a Doppelganger effect here.

9 CHAIRMAN DAVID VICTOR: If you have two
10 computers open, turn one of them on mute so
11 there's one microphone, that would be great.

12 Charles? We still can't hear you.
13 Charles, try again.

14 We'll go to Paul Blanch after Charles and
15 Nina, so we may have to take another shot at that.
16 I see one microphone is called Charles Langley is
17 muted. Sanjay, if you can take yourself off mute,
18 what other microphones do we have here for them?

19 MS. NINA BABIARZ: This is Nina, can you
20 hear me?

21 CHAIRMAN DAVID VICTOR: That's very
22 echoey. Why don't you -- maybe while you're
23 speaking you can turn the volume down or if there
24 is another microphone on, turn that off. We can
25 hear you but there's a big echo.

1 MS. NINA BABIARZ: Is this better? I
2 left the room.

3 CHAIRMAN DAVID VICTOR: Do you want to
4 speak first and then have Charles go second?

5 MS. NINA BABIARZ: That would be great,
6 or I can hand the phone back to him.

7 CHAIRMAN DAVID VICTOR: Whatever you guys
8 want. The floor is yours.

9 MS. NINA BABIARZ: Thank you.

10 Public Watchdogs sent out a letter
11 yesterday to San Diego County supervisor Jim
12 Desmond with a request for Edison to halt the
13 simultaneous demolition and nuclear waste burial
14 during the COVID-19 pandemic. We commend Edison
15 to have the common sense to partially halt the
16 unessential demolition.

17 We remain stalwart in our remaining
18 request to also halt the nuclear waste burial as
19 well. Edison's history of halting the radioactive
20 nuclear waste burial has always been and only been
21 after a failed canister design and a near miss
22 drop.

23 As SONGS history has proven, movement of
24 the waste always presents risk. And that may risk
25 may not only deter first responders' attention

1 away from our current COVID-19 crisis but it will
2 also harm the very team of first responders we are
3 depending upon. All first responders we have
4 inquired directly with have no or little training
5 specific to radiological incidents. I know
6 because I personally surveyed many of them.

7 Radiological exposure is not like our
8 fires, you can't see it or smell it. Like
9 COVID-19, radiation is another invisible threat
10 that may pose the ultimate risk to our first
11 responders. They would have no idea if their
12 untrained actions would put themselves and the
13 public they serve at risk.

14 As SONGS history has proven, movement of
15 the waste always presents risk. Risk may not only
16 divert first responders' attention away from our
17 current COVID-19 crisis, but also harm the very
18 people we are depending upon. Since Edison has
19 never contacted risk assessment of the radioactive
20 burial, the damage that could be done in our
21 current circumstances is incalculable.

22 Now we find recent history of problems
23 downloading and a fire, both requiring procedures
24 that required modifications. Mother Nature forced
25 her winds recently resulting in a loss of power

1 and yesterday a plumbing problem. History shows
2 that the burial wouldn't be halted until something
3 else goes wrong once again. Unfortunately, if
4 that should occur, the halt would be too little
5 too late. We don't plan for a best case scenario,
6 we prepare for a worst case scenario.

7 There's no logical reason to continue the
8 burial other than Edison's perverse monetary
9 incentive. If you continue the burial, at least
10 have the decency to stop the hypocrisy saying
11 you're doing it safely with stewardship and
12 community engagement.

13 Thank you.

14 CHAIRMAN DAVID VICTOR: Thank you very
15 much for your comments.

16 Next is Charles Langley.

17 MR. CHARLES LANGLEY: I'm here.

18 And just very briefly, Doug Bauder said
19 the radioactive water is being discharged, I
20 thought I heard him say 450 feet from offshore,
21 but the slide said 6,000 feet, and I'm wondering
22 if we can get some clarity on that.

23 The real question, though, I have is will
24 Southern California Edison make the camera
25 inspection videos of the canisters inside the

1 silos public? The NRC had access to the video of
2 the damaged canisters but returned them to Edison
3 on the grounds that they are proprietary.

4 These videos, which show damages to the
5 cans, were paid for by the public money from the
6 Rate Payer Funded Decommissioning Trust Fund. So
7 my question is, why are publically-funded videos
8 showing corrosion and canister damage being
9 suppressed? Why did the NRC return those videos
10 to Edison, instead of making them public?

11 And I'll sign off and listen for a reply,
12 if that's okay?

13 CHAIRMAN DAVID VICTOR: Excellent. Thank
14 you very much, Charles and Nina.

15 Next we're going to go to Paul Blanch and
16 then Donna Gilmore. Sanjay, if you could move the
17 microphone to Paul Blanch.

18 Paul, the floor is yours.

19 Sanjay, the last four digits are 3119.
20 Paul is dialing in by telephone.

21 Paul, can you hear us? I don't see him
22 on the app here nor on the telephone. Maybe we
23 can go to Donna Gilmore next and let's call Paul
24 and find out how he's commented and get him on
25 next. After that will be Kale Walker. So we have

1 Donna Gilmore, then Paul Blanch, and Kale Walker.

2 Donna, I see your microphone is open.

3 Donna, the floor is yours.

4 MS. DONNA GILMORE: Yes. Can you hear
5 me?

6 CHAIRMAN DAVID VICTOR: Loud and clear.

7 MS. DONNA GILMORE: Okay, great.

8 A couple of things I have a question
9 about the monitoring system that's installed.
10 Where is the radiation detector part? Is it
11 behind the glass, or where is that located on
12 those monitors in the cabinets? That was one
13 question.

14 Another is I've been researching this
15 Coronavirus, and there's a report out that says
16 that it will last in the air for three hours so
17 distancing is not going to cut it in terms of
18 protecting the workers. And there's no way to
19 detect it if any of the workers have the virus.
20 Now I know Edison has always said at the pool is
21 safe, the dry storage is safe, so I do not
22 understand what the urgency is to risk the
23 employees, their families, our families, and the
24 exponential spread of this virus.

25 I mean, 43 percent of people that get

1 this virus get pneumonia, 20 percent critical. We
2 have our own Chula Vista and Coastal Commission
3 Chairman on a ventilator right now as we're having
4 this meeting. What is possibly worth having these
5 employees and the rest of the community at risk?

6 This thing is growing like wildfire. The
7 governor said over 25,000 people in California
8 will have this virus in eight weeks, well, that
9 was a week ago, so now it's seven weeks. I don't
10 understand what is so critical that it can't be
11 put on hold in terms of the loading and the
12 decommissioning. Thank you.

13 CHAIRMAN DAVID VICTOR: Thank you very
14 much for your comment. I have a message here that
15 Paul Blanch is no longer on the call. So we're
16 going to go next to Kale Walker.

17 Before we go to Kale Walker, if anyone
18 else would like to make a public comment send us
19 a -- go to the instant message or chat function
20 and put your name on that list.

21 Kalene Walker, Sanjay, on the
22 participants list.

23 Kalene Walker, the floor is yours. Your
24 microphone is open. Kale, we still can't hear
25 you.

1 Sanjay, why don't you send Kale an
2 instant message, or we have a telephone number
3 here, why don't you call Kale or somebody call
4 Kale and see if the -- let's leave the microphone
5 open in case something fixes itself there.

6 Kale, the floor is yours.

7 Why don't we -- let's do the following.
8 Why don't we start in on some answers. I'll ask
9 Manuel and Sanjay to start and find out if Kale
10 can join us.

11 One last go at this, Kale, are you there?

12 Why don't we call Kale directly by phone
13 and send me a message, and we'll interrupt the
14 answers. Let's start with the answers. There are
15 a lot of really good questions here.

16 For that, I'm going to turn the floor
17 over to Dan Stetson and Jerry Kern. Maybe, Dan,
18 we'll start with you and put some of these
19 questions to the folks. I've got some notes as
20 well.

21 VICE CHAIRMAN STETSON: Sure, David,
22 thank you.

23 First series of questions actually came
24 from Roger Johnson in terms of what types of
25 releases we might expect, are there going to be

1 releases into the atmosphere as well as into the
2 ocean. What's being done -- I'm sorry, there's a
3 number of questions here. What is being done to
4 make sure that the rubble from the demolition
5 doesn't end up into the ocean water itself, how
6 many truckloads do we expect, and what's the
7 status of the conduits?

8 It may be that some of these questions
9 are going to be addressed in more detail in some
10 of our future meetings, but those are the
11 questions as best I could jot down from Roger.

12 MR. DOUG BAUDER: Dan, this is Doug
13 Bauder, I'll take a first approach at this, and
14 then hand it over to Ron Pontes, who is directly
15 overseeing environmental work.

16 As Ron indicated, there will be a number
17 of radiological releases, batch tank releases
18 throughout the decommissioning effort. Each one
19 of those releases will follow the process Ron
20 described to minimize any radioactivity. And I
21 would also like to point out that the fractional
22 amount of radioactivity release to the ocean is
23 for the entire series of releases is far less than
24 when the plants were operating during the
25 operating years. But we're obviously very

1 sensitive to that, and we want to lower the amount
2 of radioactive water release as much as possible.

3 Getting to dust, there's a dust
4 mitigation plan as part of the environmental
5 impact report and associated conditions, and
6 there's dust mitigative measures. I'll let Ron
7 talk a little about that.

8 There are no planned, I would say,
9 gaseous or other source of radiological releases,
10 however, during parts of the demolition effort, we
11 will be doing environmental sampling, a local
12 radiological sampling at the point of work to make
13 sure that that is not the case.

14 Ron, if you're on, you can activate your
15 microphone and go into a little more depth on a
16 couple of these topics, that would be good.

17 MR. RON PONTES: Sure, thanks, Doug.

18 For the dust situation, if we rubble-ize
19 the plant, we'll use water to suppress the dust so
20 we don't have dust rising out of the plant, for
21 example, and spreading everywhere. So we're going
22 to rely on water to do that dust suppression.

23 The other thing that we'll make use of is
24 for the demolition inside the plants where before
25 we get to what's called open air demolition, we'll

1 have the plant tented, those areas tented, and
2 with ventilation systems running so that we can
3 monitor any releases that are made to the air,
4 filter and monitor those before they're made to
5 the atmosphere.

6 So I wouldn't expect that we're going to
7 have any kind of sizable release to the
8 atmosphere. Like Doug said, releases to the water
9 would be a fraction of what we've released in the
10 past, so we're not expecting any problems with
11 that.

12 So tents, dust suppression using warm
13 water, monitoring the dust. That's what we're
14 going to do there.

15 I did hear a question about how many
16 trucks, I can tell you that most of the waste is
17 going to leave here on rail cars. Once we enter
18 the active demolition phase, one of the first
19 buildings that comes down is the building I'm in
20 right now, this is our administration building.
21 And it will make room for rail spur, and on that
22 rail spur will be parked gondolas to take the
23 waste away. Those are basically rail cars that
24 are covered and sealed, and that waste will be
25 hauled by rail up to Clive, Utah. There will be

1 some truck shipments, but they should be few in
2 number compared to the volume of waste that goes
3 out of here by rail.

4 CHAIRMAN DAVID VICTOR: Thank you very
5 much.

6 I want to just mention that Tim Brown is
7 former vice chairman of the CEP until his work as
8 a public servant in San Clemente became much
9 larger. Tim and I did a site visit to Zion to
10 talk with them about their experience, and as part
11 that walk the site and saw the rail staging area,
12 and maybe if we have those photographs from that
13 visit, we can share those again with Roger and
14 other members of the community, because they can
15 give you some sense of the scale of the rail
16 operations and the tarpons and the tents that are
17 being used for dust control.

18 Dan, does that cover the questions that
19 you wanted to put forward? Then I want to go to
20 Jerry for the next tranche of questions.

21 VICE CHAIRMAN STETSON: Pretty much.

22 Ron, with reference to the status of
23 conduits, I guess it's our understanding that the
24 conduits are going to remain in place for a while
25 until fuel is transferred and the pools are

1 drained? Then actually you're going to be
2 abandoning them and most of them in place and then
3 removing some of the risers and diffusers; is that
4 accurate?

5 MR. RON PONTES: Yeah. Today the unit 3
6 and unit 2 intake conduits are in service drawing
7 water in for dissolution purposes. And any water
8 that we discharge goes out to the unit 2 conduit.
9 Those conduits will remain in place until some
10 stage of the demolition is at a point where we no
11 longer have to make any releases.

12 That may take a while. That may take
13 until '26 or '27, year 2026 or 2027 as we bring
14 down the plant. But, you know, at that point --
15 or the much earlier than that, though, larger
16 releases from the water that's stored in the plant
17 today, that water should be out of here by '23,
18 year 2023, and then rest of it would be water that
19 we've been using for suppression purposes that may
20 collect or rain water that collects inside the
21 plant, that will have to be processed and released
22 too.

23 We'll likely keep the conduits in place
24 through year 2026, 2027, that time frame.

25 VICE CHAIRMAN STETSON: Thank you.

1 CHAIRMAN DAVID VICTOR: Before I go to
2 Jerry for the next tranche of questions, we have
3 Kale Walker on the line here.

4 Kale, we need you to press star 6, I
5 believe, if I'm reading my notes correctly so you
6 can ask your questions. Kale, the floor is yours.

7 MS. KALENE WALKER: Hello?

8 CHAIRMAN DAVID VICTOR: Hello, we hear
9 you loud and clear. You have to press star 6. I
10 think that was the problem.

11 So many things I would like to talk
12 about. First, how are you doing? How is everyone
13 feeling? I hear that that's one of the questions
14 that they use to screen the workers before they go
15 to work regarding COVID.

16 And I want to second everything that
17 Donna said about this -- I mean, we're in a global
18 emergency. Loading these canisters is absolutely
19 nonessential to anything, in fact, it increases
20 risk on all sorts of levels. I think it's an
21 absolutely -- it reflects an absolutely
22 irresponsible management of the facility for you
23 to proceed on that. That's one.

24 Number two, I'm wondering if you have
25 plumbing. Do you have flushed toilets? Do you

1 have flushed toilets at the facility with this
2 sewage release? That's a sanitary issue. I don't
3 know whether you guys have plumbing going on
4 there. That's a question.

5 Regarding the aging management program
6 that is supposed to be submitted to the Coastal
7 Commission by March 31st, has that been done? I'd
8 be very curious to see that public report made
9 public. Aging management according to the NRC
10 requires the ability to inspect the canisters,
11 which we note that they can't really be inspected,
12 according to the senior inspector, but -- or
13 repair or if there's a problem to be able to take
14 the canisters out of service, but I'm wondering
15 what kind of aging management program design that
16 Edison has come forward with, and that would be
17 great to see that before March 31st considering
18 that your permits for decommissioning is dependent
19 on that special condition 19 of the
20 decommissioning permit. That's a question in
21 there somewhere.

22 I'm wondering how you feel about the
23 Holtec notice of violation regarding the scraping
24 and gouging that occurred at San Onofre, although
25 Edison was not noticed the violation, even though

1 that's the condition, that Holtec is now being
2 noticed on -- notice of violation on.

3 So in general, I feel like Edison should
4 acknowledge that they've been research and
5 development trial test and kind of a test case for
6 this below-ground system, partially below-ground
7 system, and it's just remarkable, remarkable on so
8 many levels. I would suggest you stop the loading
9 until this COVID-19 thing subsides, please.
10 You're risking the health and safety of essential
11 nuclear workers. Everybody else is staying home.
12 Why are you loading those canisters? There's too
13 many problems with that system.

14 Thank you.

15 CHAIRMAN DAVID VICTOR: Okay. Thank you
16 very much for your comments. We will put those to
17 folks as we put the rest of the answers. Thank
18 you very much.

19 I think that's it in terms of -- in terms
20 of people who want to have -- sorry, Sarah Brady I
21 see would like to have the floor.

22 Sanjay, can you put open the microphone
23 for Sarah Brady? I saw her name on the chat.

24 Sarah Brady, the floor is yours. Your
25 microphone is open. Sarah, you may need to push

1 star 6, if you're on your phone. I don't think
2 you'd be on your phone if you're on the web or the
3 app version.

4 Let's do the some, let's go to some
5 answers, continue to get some answers. I'm going
6 to go to Jerry Kern next, and maybe Manuel or
7 Sanjay or someone could talk to Sarah Brady, and
8 we'll make sure we get her questions in front of
9 us.

10 Now to Jerry Kern. Jerry.

11 SECRETARY JERRY KERN: Thank you, David.

12 And actually Kale Walker and Mandy
13 Sackett had very similar questions, so I think
14 I'll combine them, and this had to do with the
15 sewage spill, and, you know, with the
16 notifications that went out, who gets notified,
17 and how does that notification get out to the
18 public. The ongoing question from Mandy was is
19 there water quality monitoring in place now since
20 that spill happened.

21 And then to the COVID thing that it
22 was -- the downloading was paused and then the
23 fuel canister was resumed, what was part of that
24 decision and why that happened, and then the last
25 part from both people was the aging management

1 plan and the public release of that information.
2 I guess those -- there are four similar questions
3 between Mandy and Kale.

4 CHAIRMAN DAVID VICTOR: Let's start with
5 the issue of the release and notification, Ron
6 defined for Mandy that not everybody is on the
7 SONGS community website every day, but be that as
8 it may, clearly some questions from the public
9 about notification and how to get the word out.

10 Let me put the floor to Doug Bauder to
11 begin that, and then we'll come to the other
12 elements about a COVID-19 stop and the risk
13 calculations you've done there in the aging
14 management.

15 MR. DOUG BAUDER: Thank you, David, and
16 I'll ask for Ron for some help on the sewage spill
17 and those notifications again, just as a reminder.

18 We do put the release notification for
19 the batch tank releases on the website with a
20 48-hour advance notice. We have looked at ways to
21 push that out to everybody who has subscribed to
22 the website. It's something we're considering.
23 To be honest, we think that noticing the website
24 is a pretty effective mechanism for doing it.
25 We'll take that back under review again and look

1 at the process itself from A to Z to make sure its
2 working. Appreciate the comment from Mandy on
3 that.

4 Getting back to the common theme about
5 around fuel transfer, I want to --

6 CHAIRMAN DAVID VICTOR: Doug, before you
7 go to fuel transfer and brush on the continuation
8 during the pandemic, I think what I also heard
9 from Mandy was some difficulty apparently also
10 getting information about this from San Diego
11 County, and I don't know what the issues are
12 there, but it would seem for us to figure out how
13 to connect the dots if the dots are not connecting
14 and that information is not getting back to people
15 who ultimately using the beaches, although, I
16 would urge during the current situation that
17 people not be using the beaches the way they've
18 been using them.

19 MR. DOUG BAUDER: Yeah. So this sewage
20 spill occurred yesterday. And actually last night
21 we made -- yesterday afternoon, last night we made
22 notifications to San Diego County, various
23 authorities there I think including the Water
24 Control Board and others, and also notified the
25 Nuclear Regulatory Commission. We would need to

1 go back and look to see how the County assesses
2 the leak itself to determine whether they would
3 make a decision to close beaches. My initial
4 answer, pending review, would be based on the fact
5 that the sewage was partially treated, it was --
6 7,000 gallons may sound like a big number, but
7 with respect to the size of the conduit and the
8 size of the Pacific Ocean and how far out it is,
9 my guess it's not going to have an impact and
10 perhaps the County considered that or the water
11 control folks considered that, we'll have to check
12 on that.

13 I want to go back and point out
14 something. We -- July of last year I sent out an
15 op end to the community, we would be very open,
16 very transparent when anything happened. This is
17 a thing that happened, and so it's fresh off the
18 press for us. We'll dealing with it. We've
19 isolated effluent discharges from the sewage plant
20 who are absolutely sure that it's properly
21 functional.

22 And there was a question raised about
23 toilets. We do have temporary facilities on the
24 station, but we're able to actually use our
25 restrooms for washing hands, which is actually

1 something we require of our employees during the
2 COVID response.

3 Perhaps, Ron, you can amplify a little
4 bit on the notifications to the County and what we
5 think should happen, although this is really --
6 just happened.

7 MR. RON PONTES: Yeah, Doug. Okay, so we
8 notified San Diego of Departmental Health. My
9 understanding is they have the responsibility to
10 assess the -- what happened and make appropriate
11 notifications to other agencies to take certain
12 actions, like to State Parks to close the beach
13 and so on. That would be their responsibility.

14 As far as who did we notify, we did
15 notify the Water Board, we notified the Department
16 of Health, as I mentioned, we notified State
17 Parks, we notified California Emergency Services,
18 and as you mentioned, we notified the Nuclear
19 Regulatory Commission. So we made all the
20 appropriate notices.

21 I guess the open question is was coming
22 from Mandy and others is perhaps we should have
23 posted something on our website. I think we
24 should go back and assess that.

25 CHAIRMAN DAVID VICTOR: Thank you very

1 much.

2 And I hear some crosstalk. Maybe that is
3 Sarah Brady's line that is open.

4 Sarah, do you want to raise your question
5 right now if your microphone is open?

6 Microphone is open. Sarah, can you hear
7 us?

8 We'll keep trying on that front.

9 One last question on this question of the
10 sewage release, Charles Langley raised the
11 question about the 450 feet versus the 6,000 feet,
12 is 450 feet the number that's relevant for this
13 release, or is that number not relevant for any of
14 these discharges.

15 MR. RON PONTES: This is Ron, David, no
16 all the water flows to the unit 2 conduit, and all
17 the water flows out through the diffusers which
18 are -- the first diffuser is 6,300 feet off shore.
19 I don't know where the 450 feet came from.

20 CHAIRMAN DAVID VICTOR: Thank you very
21 much.

22 Let's go back to the questions that Gerry
23 Jerry posed to Doug. The second of them about the
24 question of suspending work all together during
25 the COVID-19 update.

1 Doug, floor is yours.

2 MR. DOUG BAUDER: Thank you, David.

3 As I indicated earlier, we have a fully
4 developed pandemic protocol response in San
5 Onofre. That response protects our workers, it
6 also protects our critical groups that provide
7 critical functions to the station, operators,
8 security officers, and others.

9 When the governor's order was first
10 posted, we did stand down the fuel transfer. We
11 also stood down in a safe way other deconstruction
12 activities that were going on as we wanted to more
13 fully understand the order. And then, you know,
14 we worked very hard to understand the order
15 including the additional information the governor
16 provided over the weekend concerning essential
17 workers, and further to understand the Department
18 of Homeland Security guidance.

19 I wanted to point again, once again, that
20 the 18 decommission nuclear plants in the country
21 along with the 99 operational reactors are part of
22 the critical infrastructure sector under nuclear,
23 one of the 16 sectors, and there's a reason for
24 that. And fundamental to that has to do with if
25 waste is being removed from a station, waste-like

1 nuclear fuel is getting removed from the pools and
2 safely put into dry storage, the intent is that
3 those activities should be able to continue. The
4 challenge that we have and have, continue to have
5 is to make sure it's done safely, and we strongly
6 feel that that's a SONGS pandemic protocol that we
7 have in place which protects workers and ensures
8 things that have to do with social distancing,
9 travel restrictions for those workers, worker
10 screening are entirely appropriate for the
11 situation that we're in.

12 CHAIRMAN DAVID VICTOR: Thank you very
13 much.

14 And then the last question that came from
15 Jerry, several members of the public but by Jerry,
16 concerns the aging management plan and the
17 notifications due to the Coastal Commission as
18 part of the certificate or the original
19 certificate. Can you talk about that, Doug.

20 MR. DOUG BAUDER: I sure will. We seem
21 to be interchanging aging management planning with
22 inspection and maintenance planning, and I realize
23 probably too many acronyms.

24 As part of the 2015 coastal development
25 permit for the Holtec system, SCE committed to

1 developing an inspection and maintenance plan for
2 that Holtec system.

3 Special condition 19 of the -- during
4 coastal process involved us accelerating the
5 inspection and maintenance plan for the Holtec
6 system to be submitted to the Coastal Commission
7 by the 31st of this month, and we will be
8 submitting it on the 31st of March. The Coastal
9 Commission is using a third party engineering firm
10 to review the plan, and I'm sure that will be
11 shared at a future Coastal Commission meeting. So
12 that's the inspection and maintenance plan.

13 When we talk about AMP, or the aging
14 management plan, that's an NRC requirement for
15 extending the license period of dry fuel storage
16 installations all across the country. So we're
17 working on an aging management plan for the AREVA
18 TN system, the horizontal system at SONGS, and
19 that aging management plan will be submitted to
20 the Nuclear Regulatory Commission to extend the
21 AREVA TN dry fuel storage system.

22 So two different things, the inspection
23 and maintenance plan and the aging management
24 plan. There are some similarities but the
25 inspection and maintenance plan was a specific

1 commitment to the Coastal Commission.

2 CHAIRMAN DAVID VICTOR: Thank you very
3 much for that.

4 I want to go back to Dan Stetson now who
5 has the next tranche of questions -- before I do
6 that, let me try one more time with Sarah Brady.
7 Let's see if we can open her microphone, Sanjay,
8 and we'll try it again right now.

9 So Sarah Brady, your microphone is not
10 yet open. Bear with us for a second.

11 Sanjay, can you open that. There it is.
12 Actually, we have two Sarah Bradys on the line
13 here, which seems improbable but, Sarah, can hear
14 us now? Why don't we try opening both the
15 microphones and close the first one if the second
16 one works, Sanjay.

17 MR. GEORGE ALLEN: Hello, hello.

18 CHAIRMAN DAVID VICTOR: Yes, we can hear
19 you.

20 MR. GEORGE ALLEN: This is not Sarah,
21 this is a community participant, and I want to
22 know if it's true that SONGS has met every
23 regulatory requirement required by the NRC
24 California and the EPA, and that the need for
25 offsite emergency plan is no longer needed because

1 the risk of radiation exposure is no longer
2 present?

3 CHAIRMAN DAVID VICTOR: Okay. Can you
4 tell us what your name is for the public record?

5 MR. GEORGE ALLEN: My name is George
6 Allen. I'm from San Clemente, California.

7 CHAIRMAN DAVID VICTOR: Thank you very
8 much, George.

9 And the let's see where we have any
10 more -- Sarah, can you -- okay, Sarah just
11 messaged and said she doesn't have a question at
12 the moment so let's go back to Dan Stetson who is
13 going to put more questions to the SCE team.

14 Dan, the floor is yours.

15 MR. DAN STETSON: Sure, thank you, David.

16 I don't if, maybe I missed it, Mandy from
17 Surfrider also wanted to know with reference to
18 the spill what actually happened that caused the
19 spill and what's been put in place to prevent that
20 from happening again?

21 MR. RON PONTES: Do you want me to take
22 that Doug?

23 MR. DOUG BAUDER: Sure, Ron.

24 MR. RON PONTES: So on late Tuesday,
25 earlier Wednesday morning, we had an unexpected

1 inflow, a large inflow into the sewage treatment
2 plant. We don't know what the source of that was,
3 maybe a line was plugged somewhere and then it
4 released and it all flowed at once into the plant,
5 anyway, when it experienced this large flow, it
6 caused the plant to go into an upset condition,
7 and that's what led to this release. Basically
8 flooded the sewage treatment plant, didn't
9 overflow, but it flooded a different basin inside
10 the plant, and then pumps kicked on and continued
11 to pump the water out to the ocean to a
12 restorative level. That's what led to the event.

13 Now we're investigating where did this
14 large slug of water come from. Once we figure
15 that out, we will restore the plant and make sure
16 it's operating properly and place it back in
17 service.

18 MR. DOUG BAUDER: I would like to comment
19 about one thing here, there was a comment made
20 about placing this issue on the SONGS community
21 website. We fully intend to do that once we
22 understand what happened and how to prevent it in
23 the future. I just want everybody to make sure
24 that we understand also that the sewage treatment
25 plant is out of service. There is no more

1 effluent from it until we figure this out. We
2 wanted to bring this up here tonight so everybody
3 knew about it, we want to be open about it, and
4 once again, we're really on the beginning stages
5 of it.

6 I think perhaps, Mandy's comment had to
7 do with as soon as it happened, put it on the
8 website. I think that's something that we should
9 consider. However, we also want to make sure we
10 understand the situation first. We did make all
11 the required notifications.

12 CHAIRMAN DAVID VICTOR: Okay, thank you
13 very much. I want to also mention those of you
14 following the instant message thread, will see
15 that Mandy posted a link to the Surfrider overview
16 of this.

17 Let's make sure that once you post
18 something on the site, Doug, that we also as part
19 of the regular circular materials to the CEP
20 include that as well to the CEP numbers.

21 MR. DOUG BAUDER: We'll do that.

22 CHAIRMAN DAVID VICTOR: Dan, are there
23 any other questions related to the sewage issue
24 before I go to Jerry for the next tranche of
25 questions.

1 MR. DAN STETSON: No, I think that pretty
2 much covers all the questions we had with
3 reference to the sewage spill and the request for
4 expanded notifications I think have all been
5 covered.

6 CHAIRMAN DAVID VICTOR: Thank you very
7 much.

8 Back to Jerry.

9 SECRETARY JERRY KERN: Donna brought up a
10 question about the monitors whether they have
11 glass in front of them, I don't understand what
12 she was trying to get at, but something about
13 glass in front of the radiation monitors.

14 MR. DOUG BAUDER: Jerry, if you're on,
15 unfortunately we're at different locations, but I
16 believe, Jerry, if you're on, if you can take this
17 answer.

18 SECRETARY JERRY KERN: I'm sorry, what?

19 MR. DOUG BAUDER: I'm sorry, Jerry
20 Stephenson, if you're on --

21 MR. MANUEL CAMARGO: Jerry Stephenson,
22 Sanjay, if you can unmute Jerry Stephenson.

23 MR. JERRY STEPHENSON: Okay, Yes. So if
24 you watched any of the -- saw any of the news
25 articles they showed videos of the radiation

1 monitors, and they do have a glass cover on them,
2 they're waterproof, and that glass cover is taken
3 into account in the calculations and the display
4 of the radiation level. So the radiation level
5 that they measure is accurate and is not shielded
6 by the glass. The only thing that would be
7 shielded by the glass would be beta radiation,
8 which is not a concern.

9 SECRETARY JERRY KERN: Okay. And I have
10 a follow-up question on an e-mail we got from Paul
11 Blanch, and it says, "Should the canisters leak
12 and release Cesium 137, will the new radiation
13 monitoring system be able to detect all airborne
14 levels exceeding the airborne concentrations equal
15 to or above 10 CFR part 20 limits?"

16 That was an e-mail that we received.

17 MR. DOUG BAUDER: Right. Jerry, I'll
18 take an initial stab at that one, and then hand it
19 over to Jerry Stephenson or Randall Granaas is
20 also I think on the line from SONGS. First of
21 all, in the very unlikely event of a leak from a
22 canister, and we've talked about the robustness of
23 the canister systems before at many meetings, it's
24 probably good to understand cesium is a liquid and
25 any cesium that we do have is also inside our fuel

1 pallets, which are contained in fuel rods as part
2 of an assembly inside the canisters so the fuel
3 system itself is robust. At the temperature these
4 canisters are at, cesium is a liquid.

5 In the postulated event where you would
6 have cesium leak out, it's a liquid, and it would
7 simply go -- rest in the bottom of the cavity
8 enclosure. It's very unlikely that the cesium
9 would vaporize, because doesn't vaporize until
10 1200 degrees Fahrenheit, which is three or four
11 times as hot as a canister.

12 We're talking about a postulated event
13 that's a little bit out of bounds. I believe in
14 the next CEP when we do talk about some of these
15 postulated events, we'll be able to explain in
16 more detail, especially with the radiation 101
17 session that we're going to hold and be more
18 educational around that.

19 The detectors on the dry field storage
20 pad detect gamma radiation. Jerry mentioned the
21 glass and how it would shield beta radiation.
22 Beta radiation is not a concern here, it's really
23 only gamma radiation. I do not think the cesium
24 would make it out of the vault to be a detectable
25 form.

1 I'll let Jerry and maybe Randall take
2 over the remainder of the details on the question.

3 CHAIRMAN DAVID VICTOR: Can we unmute
4 Randall Granaas, please.

5 Randall are you there? Jerry? I think
6 we need to unmute --

7 JERRY STEPHENSON: Okay, I'm unmuted now.
8 So Doug covered it pretty thoroughly. The
9 radiation monitors are extremely sensitive. They
10 would detect the gamma radiation from the cesium
11 should there be a way to get it out of the
12 canister, which there isn't. But if a plume of
13 cesium gas should move toward the detector, it
14 would certainly detect it.

15 CHAIRMAN DAVID VICTOR: I want to say in
16 the planning for the next meeting, the outlier
17 events meeting and response strategies, that a
18 fair bit of attention has gone into different
19 scenarios by which fuel and radioactive compounds
20 could either vaporize or be atomized and there's
21 going to be a lot of discussion about that
22 question, and may well be that if there are
23 continued questions from the public about this
24 issue that's come up today, we need to make sure
25 we beef up that discussion.

1 Doug, is there anything else further we
2 want to say about that before we go back to Dan
3 for the next tranche of questions?

4 MR. DOUG BAUDER: I think we've covered
5 it. We'll definitely continue to look at it, and
6 as you said, we'll tie into what we do at the next
7 meeting.

8 CHAIRMAN DAVID VICTOR: Thank you.
9 Dan Stetson.

10 MR. DAN STETSON: Thank you, David.

11 So Charles Langley had a few questions,
12 one of them was answered with reference to the
13 discharges but he had a couple of other questions.
14 Question number 1, can you explain why the videos,
15 the camera inspections of the damaged canisters
16 are being kept secret? Number 1.

17 Number 2, will Southern California Edison
18 release those videos to the public? If not, why
19 not?

20 MR. DOUG BAUDER: Thanks, Dan. I'll
21 answer this one, first we did post to our website
22 photos and descriptions from the videos, and we
23 have encouraged all along to take a look at those.
24 We have also shared in prior meetings and
25 described some of the scratch depth we had from

1 incidental canister contact during the loading
2 sequence. And we talked about the maximum scratch
3 depth that we encountered through all of those
4 canister inspections, we inspected eight canisters
5 in total, had a good sample size there, we
6 supplied all that data to the Nuclear Regulatory
7 Commission.

8 The maximum scratch depth was that we
9 found was 26 mills or 0.026 inches. We doubled
10 that depth to be conservative assuming the
11 canister would be withdrawn at the same contact
12 point, and the maximum depth we came up with was
13 well under design limits under the ASME code for
14 the canister system.

15 Jerry Stephenson, if you would like to
16 provide any more details on it, that would be
17 fine. But I also want to point out that the
18 actual videos, the full length videos are vendor
19 proprietary information, and that information was
20 supplied to the Nuclear Regulatory Commission for
21 inspection purposes. It would be very difficult
22 to release that proprietary information without
23 jumping through a lot of hurdles with a vendor, as
24 such is proprietary.

25 Jerry?

1 CHAIRMAN DAVID VICTOR: Jerry Stephenson,
2 Sanjay.

3 MR. JERRY STEPHENSON: Thanks, Doug. I
4 don't have anything to add. You covered it very
5 thoroughly.

6 MR. DOUG BAUDER: Okay, I appreciate
7 that.

8 CHAIRMAN DAVID VICTOR: I think it's
9 worth underscoring -- it's David again -- I think
10 it's worth both underscoring and making public
11 again as part of the library to be developed for
12 the next meeting where you are with the scratch
13 analysis and the independent assessment of scratch
14 analysis and the NRC's own independent scratch
15 analysis, because I think what the public -- what
16 I hear from Charles Langley and lots of other
17 people and completely reasonable questions, are
18 where are we with knowing what the actual damage
19 might have been to the canisters and the integrity
20 of that knowledge, and the layers of independent
21 oversight that have been applied to getting that
22 information, and then ultimately what does that
23 mean for the canisters for the long haul. So
24 makes sure that's part of the -- part of the
25 library in the public record for the next

1 meetings. Thank you.

2 MS. MARTHA McNICHOLAS: Dan, this is
3 Martha McNicholas.

4 CHAIRMAN DAVID VICTOR: Martha, go ahead.
5 The floor is yours.

6 MS. MARTHA McNICHOLAS: I have a question
7 on the comment about being proprietary
8 information, that is proprietary to the vendor,
9 not to Edison, is that true? Can I have a
10 clarification on that?

11 CHAIRMAN DAVID VICTOR: Yes. Doug?

12 MR. DOUG BAUDER: Sure, I'll answer that.
13 As Edison and the customer, we need to honor
14 proprietary information that a vendor requires to
15 be maintained in a proprietary fashion. We would
16 not be able to release the information without the
17 vendor's permission.

18 MS. MARTHA McNICHOLAS: Okay, you do
19 have -- the analysis is -- the vendor provided the
20 video or the photographic evidence and then Edison
21 analyzed that and sent the information to the NRC,
22 so you have the information from it, you just
23 don't have the original material, which is
24 proprietary to the vendor; is that correct?

25 MR. DOUG BAUDER: I'll try to answer it

1 the best way I can. Yes, we did do a detailed
2 analysis using the vendor, the three-dimensional
3 camera inspections, we had that analysis reviewed
4 by an independent third party, and we supplied
5 that analysis to the Nuclear Regulatory
6 Commission. That included the results of the
7 inspections, the analysis around incidental
8 contact or canisters scratched up and the bounding
9 analysis around sample size. And that's been
10 discussed before but as, you know, as David
11 indicated, it's probably time to bring that
12 forward again, and we'll also look at the content
13 on the website to make sure it's adequately
14 covered.

15 MS. MARTHA McNICHOLAS: Okay. I wanted
16 to make sure that the analysis is definitely
17 public. The analysis is not the proprietary
18 information, it was the original evidence that was
19 proprietary, so thank you.

20 MR. DOUG BAUDER: Yes, that's correct.

21 CHAIRMAN DAVID VICTOR: That's correct,
22 Doug, right?

23 MR. DOUG BAUDER: That's correct.

24 CHAIRMAN DAVID VICTOR: Thank you very
25 much, Martha.

1 My understanding is that SCE went out and
2 bought equipment, in this case the equipment is a
3 whole system for storing spent fuel from a vendor
4 that's in a competitive marketplace, and they are
5 worried about their intellectual property getting
6 out, and yet at the same time, they have
7 obligations to the public, to SCE, to the public,
8 to the Nuclear Regulatory Commission to ensure the
9 system performs as warranted, and so that's what
10 the analysis is about.

11 That's a really important point that you
12 made, which is the analysis to the public -- let's
13 bring that forward again. I recall a year or so
14 ago, we went -- less than a year ago, we went
15 through this to make sure that not only their
16 analysis but also an independent analysis of their
17 analysis is public. We got to make sure all that
18 is public again, because the public is asking
19 questions.

20 Thank you very much.

21 I want to go back to Jerry Kern and see
22 if there are other questions on his list.

23 SECRETARY JERRY KERN: There's two pieces
24 that are still kind of hanging out there, one is
25 George Allen basically is SONGS in full compliance

1 with State, local, federal regulations, including
2 the NRC. And then the other question is, I think
3 we've discussed this before, is that change in
4 emergency response level what because we have
5 changed from an active plant to a plant that is
6 basically storage.

7 So I guess that was his question about
8 the change in response level, emergency response.

9 MR. DOUG BAUDER: I believe that is so.
10 This is Doug. I'll take that on.

11 First of all, when the units were
12 operating in power, our emergency response plan
13 was large, and just as a refresher, the emergency
14 response planning involves four levels, a notice
15 of unusual event, well, normal operating, then
16 notice of unusual event, and then an alert
17 condition, and then the highest level, which would
18 be -- sorry -- a site emergency, and the highest
19 level which would be a general emergency.

20 So four levels, unusual event, alert,
21 site emergency, and general emergency. As part of
22 the permanently shutting down the plant and
23 meeting all NRC requirements for the emergency
24 plan, it was appropriately reduced given that it
25 would not be possible in the current figuration to

1 reach by any postulated event a site emergency or
2 general emergency condition.

3 There is a postulated event involving
4 potentially a fuel handling incident in the spent
5 fuel pool that would involve an alert declaration.
6 So our plan now is appropriately reduced for that
7 postulated event and a couple of other events that
8 would be due to security conditions at the
9 station. So that the sample size or the size of
10 potential events we can have is actually quite
11 reduced. We're meeting all requirements of the
12 NRC in implementing the plan that we have.

13 Once we complete -- safely complete the
14 transfer of fuel to dry fuel storage, there will
15 be no event based on a fuel handling incident by
16 itself or anything due directly with the fuel that
17 could push us into an alert condition. So we'll
18 then appropriately address the emergency plan
19 again. The NRC has approved amendments to the
20 emergency plan that will be implemented once the
21 fuel is in dry fuel storage.

22 I hope that answers it. I'm trying to be
23 as accurate as I can with how the plan works.

24 SECRETARY JERRY KERN: Real quick follow
25 up on Ms. Walker's that Holtec was on notice for

1 violation, and she wondered if Edison would speak
2 to that?

3 MR. DOUG BAUDER: Well, I mean, what we
4 can speak to is our knowledge of the notice of
5 violation. Holtec did receive a notice of
6 violation. I don't believe they contested it. It
7 had to do with their design controls and how they
8 made changes to the safety analysis report, and
9 part of that had to do with the canister's scratch
10 issue in that their safety analysis report
11 initially did not recognize the potential for
12 canister incidental contact or canister scratches
13 during the loading sequence. We discussed some of
14 that before.

15 And, in fact, Edison San Onofre we
16 performed our own independent scratch analysis
17 using qualified sampling techniques to verify with
18 the Nuclear Regulatory Commission that are fuel
19 canisters are safe and fully meet their design
20 requirements for storage, but that, as I
21 understand it, is the nature of the violation that
22 Holtec received, I don't believe they contested
23 it, and it will be Holtec's action to work through
24 any follow-up actions from that violation with the
25 Nuclear Regulatory Commission.

1 SECRETARY JERRY KERN: Thank you. That's
2 all I have, David.

3 CHAIRMAN DAVID VICTOR: Okay. I want to
4 just say before I turn it back to Dan to see if he
5 has others, that I spoke last week with some
6 members of the Holtec team, I called up to see how
7 they're doing with the COVID response and also
8 underscored that it is vitally important that they
9 continue with high levels of excellence with fuel
10 transfer operations. I know all of us believe
11 that. I think it's important for us to continue
12 to emphasize that. I know they got that message
13 very clearly from the events over the last few
14 years.

15 Dan, the floor is yours.

16 VICE CHAIRMAN STETSON: Thank you. I
17 think those go through all the questions that have
18 been submitted, but I've got one.

19 Doug, maybe you can help us understand.
20 I know we're all, including SCE, is deeply
21 concerned about the COVID-19 situation. Should a
22 number of your team members become infected, how
23 deep is your bench in terms of being able to
24 continuing the offloading situation and putting
25 them into the ISFSI.

1 MR. DOUG BAUDER: Thanks for that. First
2 let me mention the pandemic protocol that we do
3 have in place, which is actually a procedure for
4 the station. It's a directive. That directive
5 provides layers of defense for our critical work
6 groups, such as security officers, operators, and
7 key support personnel for those groups, such as
8 radiation protection technicians, a few
9 maintenance technicians, and others. So if you
10 think about the pandemic protocol, you think about
11 it in terms of rings or layers of defense.

12 Regarding the fuel transfer work, I
13 mentioned earlier that we exercise the protocol
14 with respect to Holtec's conduct of the work, we
15 took a pause on the work, we briefed all the
16 Holtec workers, we came up with ways to increase
17 social distancing during the work and do that
18 safely. We -- Holtec agreed to travel
19 restrictions and worker screening and other
20 measures to ensure safe conduct of the fuel
21 transfer.

22 Now if -- you mentioned if we would
23 encounter a situation where we find that a worker
24 or coworker has tested positive for the virus,
25 that requires us to take a halt on the plan, and

1 to actually implement a protocol in the directive
2 to investigate who that worker communicated with
3 in the work environment, whether social distancing
4 was maintained, the areas the worker traveled in,
5 and to make an appropriate decision on areas to be
6 quarantined off, worker quarantine, potentially
7 even looking at household members for the worker
8 involved in the positive test.

9 Based on all of that, we would make a
10 decision on what work to curtail, and that would
11 be an appropriate decision made based on
12 maintaining those layers of defense that I
13 mentioned earlier. Because in the end the goal is
14 to keep our absolutely critical workers, our
15 operators and our securities officers healthy and
16 safe so that we can protect the fuel and perform
17 our security functions.

18 I also want to say that we have looked at
19 methods to improve our defense-in-depth, we have
20 defense-in-depth in the operator ranks, and we
21 have methods to approve defense-in-depth in
22 security, and we're taking a number of actions
23 with our security officers to continue to maintain
24 that and ensure that we do not have a situation
25 where the virus would be passed from one

1 individual to the other.

2 CHAIRMAN DAVID VICTOR: Thank you. Can
3 you say a couple words, Doug, about testing is in
4 short supply but ramping quickly, maybe not quite
5 as quickly as the president says, but that's not
6 the first time that's happened, could you comment
7 on when and how the workforce is being tested or
8 would have access to testing or whether that be
9 done on a preferential basis or what kind of note?

10 MR. DOUG BAUDER: So we don't have access
11 to preferential testing in San Onofre. What we do
12 have is a screening process for when workers show
13 up at the station they're asked questions about
14 their health, about their travel, about travel of
15 household members, and so on. And if a worker
16 screens out, then they're asked to not enter the
17 site and contact their supervisor, and we work
18 through an attachment in our protocol to determine
19 what the risk is for that worker.

20 We do ask that worker to seek help from
21 their medical professional if they think they have
22 symptoms involving potentially contracting the
23 COVID-19 virus. Once again, we don't have direct
24 access to testing at the site. It would be great
25 if we did. We do require medical professionals to

1 handle that, and then the worker would communicate
2 back to us on the results potentially. There's
3 obviously confidentiality around that as well on
4 the worker's level, but there would be a 14-day
5 quarantine depending on the evidence on the
6 screening process that I just outlined.

7 CHAIRMAN DAVID VICTOR: Dan, any other
8 questions from you?

9 VICE CHAIRMAN STETSON: Not at this time.

10 CHAIRMAN DAVID VICTOR: I want to go some
11 closing comments, including a little bit of a
12 summary of some of the key points.

13 SECRETARY JERRY KERN: David, can I say
14 one think before you close, I would really like to
15 thank Lorraine, and Manuel, and Sanjay for pulling
16 this together. I know they did above and beyond
17 the work to get this thing off the deck, and I
18 really want to at least express our appreciation
19 for all the work they did to pull this off.

20 CHAIRMAN DAVID VICTOR: Absolutely. I
21 know everyone seconds that. This is -- normally
22 these meetings are complex and difficult. This
23 has raised the level of difficulty, removed the
24 net, and everyone has done an extraordinary job.
25 So I want to thank you very much from that point,

1 Jerry --

2 MR. PAUL BLANCH: This is Paul Blanch,
3 can I make a quick comment on the COVID?

4 CHAIRMAN DAVID VICTOR: Okay. Paul, go
5 ahead.

6 MR. PAUL BLANCH: I'm on the East Coast
7 and at Indian Point this afternoon two people
8 confirmed with COVID. They tested 16, there's two
9 operating plants at the Indian Point site, and I'm
10 not sure what their protocol is. I'm not even
11 sure this is public information, but it is
12 confirmed. I don't know whether it's security
13 people, operating people, but it does get into the
14 plants. It got into Indian Point where they're
15 not in any danger right now. They have 97
16 operators, and they only need 16 at the time. It
17 could possibly spread. People got it being
18 vigilant.

19 The comment on the Cesium 137, the
20 limit -- I heard someone say we can detect the
21 airborne limits, well, the airborne limits are two
22 times 10 to the minus tenth microcuries per
23 milliliter. Those area radiation monitors cannot
24 detect take that level cesium or, in fact, the
25 level of any other isotope that might be released.

1 So the information wasn't quite accurate. So
2 that's my comment. Thank you.

3 CHAIRMAN DAVID VICTOR: Thank you very
4 much.

5 So I want to before we have any closing
6 comments, and I'll make a few points in summary, I
7 will ask the CEP members if they have anything
8 further they want to ask or say before we go to
9 the last segment of today's meeting.

10 VICE CHAIRMAN STETSON: David, Roger had
11 a couple of quick questions he put on the thing,
12 maybe we can answer those questions quickly.

13 One is can we be assured that none of the
14 waste will end up in any landfill in California,
15 and number 2, asked about the interior dome is
16 highly contaminated, that was not answered, how
17 will they deal with the highly contaminated rubble
18 versus regular rubble?

19 MR. DOUG BAUDER: Sure, Dan, I'll take
20 those. I appreciate it.

21 First of all, the simple answer to the
22 question about no waste ever ending up in a
23 California landfill or dump is -- it's says can
24 you assure, yes, we can assure that. There are no
25 plans to ship any waste to an ultimate destination

1 in California. There's actually a governor's
2 order that prohibits that. The waste will go
3 mainly to Clive, Utah, as Ron discussed, on rail.
4 There is some waste that will go La Paz, Arizona,
5 which is generally what we call clean waste, and
6 then some additional provisions for waste to go to
7 a WCS in Texas, I believe. No waste will occupy
8 landfills or dumps in California from SONGS.

9 I'm reading the question now about the
10 interior of the domes. I think that is referring
11 to the reactor vessel internals and those being
12 highly contaminated, it is true that they are
13 highly contaminated. That is the most complex
14 work in the decommissioning sequence that I
15 discussed earlier. It's about an 18 months to
16 two-year window to properly decontaminate
17 components, cut up those reactor vessels internals
18 which is done under water for shielding, and then
19 store the what we call the gradient class sea
20 waste in appropriate canisters and that gradient
21 class sea waste will be stored at San Onofre in
22 our horizontal storage modules, the AREVA TN
23 system, until there's a repository just like for
24 the fuel. And so we can talk about that at the
25 future meeting. We actually planned at one point

1 to show videos of the cut-up sequence for this
2 meeting, but it's too hard to get that into an
3 online forum like this, but we will be showing
4 those details as well as discussing the gradient
5 class C sea waste picture and where those
6 containers will be stored on site.

7 CHAIRMAN DAVID VICTOR: Okay, thanks.
8 Dan, anything else?

9 VICE CHAIRMAN STETSON: That's it. Thank
10 you, David.

11 CHAIRMAN DAVID VICTOR: I want to make
12 sure there has been a lot of concern and an
13 understandable anxiety about the COVID-19
14 response. What you're doing, Doug, is in complete
15 compliance with the governor's orders and relevant
16 County orders on work stoppage and non-stoppage?

17 MR. DOUG BAUDER: Yes, it is. We're in
18 compliance with the governor's order, and the
19 governor's order amended to include construction
20 as well. There are no specific San Diego County
21 orders that I'm aware of, which would be more
22 restrictive than the governor's order. There was
23 an order in Orange County that I would point out
24 that the plant is in San Diego County. I believe
25 part of the Orange County order was amended or

1 retracted. We did review that as well just for
2 reference purposes.

3 CHAIRMAN DAVID VICTOR: Thank you very
4 much. I know a lot of us are puzzled just looking
5 at the number of construction projects still
6 underway, and that of course is part of the
7 balancing act for better or for worse that folks
8 are going through right now.

9 So I want to -- any other comments from
10 the CEP members before we break?

11 I want to say what I'm going to try and
12 do at the end of each meeting is offer a few
13 bullet points of summary and then with staff we'll
14 work on getting those in the right format along
15 with supporting material on that out to the CEP
16 and then out to all of the communities, in
17 particular through elected officials shortly after
18 these meetings, we'll have some video and so on
19 and a big slide deck with a few key points.

20 So first for the next meeting for this is
21 going to be about the panel outlier events and
22 responses. That's going to be a very, very
23 important, one that's taken a long time to put
24 together. I think something that a lot of people
25 in the community have been keen to seem more

1 focused on.

2 Second, there is a number of now online
3 sources for long term monitoring of the site that
4 includes the radiation monitoring system at the
5 interface with California State officials on that
6 and the interactive ocean quality monitoring
7 systems, both of which we learned more about
8 tonight. They're on SONGScommunity.com and
9 they're on the relevant public agency websites.

10 Third, is the dismantlement of the plant
11 that is now underway, and we have an invitation
12 out which at some point in the future, near
13 future, have the energy solutions folks in to talk
14 about what's happening there. That's going to
15 affect traffic flows, including the rails for
16 upgrades, so that's going to happen sooner rather
17 than later, and I think we should look for and
18 push out to the community through the website, and
19 people have signed up information about the impact
20 of traffic flow, including around the beaches.

21 And then related to that, should fuel
22 transfer operations continue. I understand, and
23 I've seen on the chat, there's a range of views as
24 to whether that's an essential service or not an
25 essential service. I think there's been a lot of

1 discussion tonight about the worker safety issues
2 and how to assure worker safety. There's a lot of
3 literature about the safety of fuel in it's
4 canisters, and that's crucially important.

5 The point right now as of today is fuel
6 transfer operation is moving about a canister a
7 week, and they're at 55 out of 73 canisters. That
8 puts them sometime midsummer to complete that.
9 But I think a lot of questions and ongoing
10 questions about conditions of the workforce and
11 how to understand that.

12 Fourth of the five things I wanted to
13 mention, we had a number of very important
14 questions from the public around worker safety and
15 around when and how to do -- what operations do
16 the plant suspend, important questions about the
17 sewage release in the last 24 hours, and responses
18 still are forthcoming on that.

19 Last thing I'll mention, fifth out of
20 five, is that we've had another very important
21 questions about are ready to move the fuel and the
22 fuel in the ISFSI and potentially we have places
23 to send it, and so a meeting, sooner rather than
24 later, we need to have a discussion about interim
25 storage, maybe long term storage as well, but

1 that's more magical, and what the strategy would
2 be around getting ready for interim storage.

3 Those are the five takeaways I take from
4 this meeting. We'll add and subtract, I'll
5 coordinate with the staff and CEP leadership, get
6 something out quickly to the CEP members and on
7 the site by way of a little summary. That was one
8 of the outcomes of the CEP closed-door session
9 back in January back in the old days when we could
10 meet together in person. Hopefully those are the
11 days that will be back soon, and I really
12 appreciate that input.

13 Doug, I want to give the floor to you for
14 any closing comments you have, and then I'll sign
15 off the meeting after that with a pointer to where
16 headed with future meetings. Doug.

17 MR. DOUG BAUDER: Thank you, David. I
18 would like to point out or at least appreciate
19 some of the very poignant questions we had
20 tonight. I think, actually, the mechanism of
21 posting them up online seems to be actually quite
22 useful. And this enables us to take some
23 additional content and look forward to the next
24 meeting and the meeting after.

25 I really appreciate some of the questions

1 we had around actually what's going to happen with
2 respect to, you know, dust mitigation plans, and
3 things that go on during the D and D work, the
4 work inside the containment dome. So we will take
5 that and continue to provide those details with
6 pictures, and I got to say that we're going to
7 remain very open with things that occur. We're
8 going to share them at the CEP meeting.

9 If in all cases that includes continued
10 lessons learned and improvements in the fuel
11 handling and safe storage of the fuel. We're
12 going to share on our website and at the next
13 meeting and maybe the meeting after, if this
14 continues, our response to the COVID-19 situation.
15 I will tell you Edison broadly is taking a very
16 rigorous approach to the response ensuring proper
17 services for our customers.

18 So I really appreciate the engagement
19 tonight and actually going back again to the
20 actual detailed questions. Thanks a lot. I
21 appreciate it.

22 CHAIRMAN DAVID VICTOR: Thank you very
23 much. Let me just pause for a moment and see if
24 any of the CEP members want to say anything before
25 sign off. I don't see any microphones coming up.

1 Marni Magda, did you want the floor?

2 MS. MARNI MAGDA: Yes, yes, thank you.

3 I just wanted to say thank you to you and
4 Jerry and Dan for such a wonderful meeting for all
5 of us to learn so much more. It's been just a
6 pleasure. Thank you.

7 CHAIRMAN DAVID VICTOR: Thank you very
8 much.

9 And, Paul Wyatt, did you want to say
10 something?

11 MR. PAUL WYATT: Yeah, a quick comment to
12 wrap up. We're working on our plans and our
13 emergency response too, and I brought this up when
14 I was reconfirming the shortest timeline. The
15 shortest timeline if everything went perfect out
16 there in terms of being able to move this where we
17 want to and finally dispose of that waste into a
18 storage location at the NRC and provides an
19 interim is ten years away literally to get it --
20 so when you plan I think we have too much of
21 insight that maybe we're going to solve this
22 problem quickly. And we have a lot of people who
23 are concerned that it's a hundred years, and
24 sometimes that gets discounted.

25 I think it's an important thing is we put

1 together this plan of our response and how we plan
2 for it and what we to do to know that. The fuels
3 there for ten years or more, even if we don't hit
4 a single stumbling block in the way, as a
5 community we simply need to recognize that and
6 work with that piece of data.

7 I think that was very useful. Thank you
8 all. I thought it was a very useful meeting, even
9 done under abnormal circumstances.

10 CHAIRMAN DAVID VICTOR: Thank you very
11 much for your comment and your insight.

12 I don't see any other microphones open.
13 I want to ask Jerry if there's any further
14 comments he has.

15 MR. JERRY KERN: No. Again, I'd like to
16 thank Lorraine and Manuel and Sanjay for doing
17 what they did. They really pulled this off.

18 CHAIRMAN DAVID VICTOR: Thank you very
19 much.

20 Dan Stetson.

21 VICE CHAIRMAN STETSON: No. Just thank
22 you to everyone. Really looking forward to our
23 upcoming meeting. I just want to once again thank
24 everybody that was involved, not only the team,
25 Roger and everybody and Gary, but also the

1 experts. I thought that they were critical and
2 look forward to bringing that information out to
3 the public.

4 CHAIRMAN DAVID VICTOR: Thank you very
5 much.

6 I want to go to the next slide, which
7 doesn't have a huge amount of content on it. Are
8 we staying healthy already? There we go, this
9 slide.

10 This slide just shows the upcoming
11 meeting. We know what the next meeting is going
12 to be. It will be May 28th or in person or more
13 likely in the same format, so please continue to
14 give us feedback on that. So much is changing
15 right now. We have to see where we are on third
16 and fourth quarter, but depending on the degree of
17 normalcy, we certainly should revisit the issue of
18 defense-in-depth, and we certainly must revisit
19 the question of interim storage.

20 And some point, sooner rather than later,
21 we need to bring in Energy Solutions and talk
22 about what the D and D activities look like for
23 labor and so on.

24 Next slide, please.

25 I urge everyone to stay safe and healthy

1 and please continue to give us feedback and really
2 appreciate all your insight.

3 With that, I'm going to close the meeting
4 for tonight. Thank you all very much.

5 (WHEREUPON THE MEETING WAS ADJOURNED AT
6 8:21 P.M.)

7 (CERTIFICATE OF COURT OFFICER ATTACHED ON
8 FOLLOWING PAGE HEREOF.)

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under oath; that a verbatim record of the
proceedings was made by me using machine shorthand
which was thereafter transcribed under my
direction; further, that the foregoing is an
accurate transcription thereof.

I further certify that I am neither
financially interested in the action nor a
relative or employee of any attorney of any of the
parties.

IN WITNESS WHEREOF, I have this date
subscribed my name

April 13, 2020



Certificate Number 12983

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