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CEP REGULAR MEETING
SONGS Emergency Preparedness and
Offsite Agency Support

Microsoft Teams

TRANSCRIPT OF MEETING
June 12, 2025

Reported by:
Denise Herft, CSR #12983
Assignment #7426680
Pages 1 - 114

1 SAN ONOFRE DECOMMISSIONING
2 COMMUNITY ENGAGEMENT PANEL MEETING
3 STATE OF CALIFORNIA, COUNTY OF ORANGE
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9 Transcript of video-recorded meeting via
10 Microsoft Teams commencing at 5:30 p.m., Thursday,
11 June 12, 2025.
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1 COMMUNITY ENGAGEMENT MEMBER ATTENDEES:

2 CEP CHAIRMAN - DAN STETSON, THE NICHOLAS ENDOWMENT

3 CEP SECRETARY - MARTHA McNICHOLAS

4 VICE CHAIRMAN - HON. VICTOR CABRAL - MAYOR, CITY
OF SAN CLEMENTE

5
6 CAPTAIN MEL VERNON - (SAN LUIS REY BAND OF MISSION
INDIANS)

7 MICHELLE ANDERSON - (ORANGE COUNTY SHERIFF'S
DEPARTMENT, EMERGENCY MANAGEMENT DIRECTOR)

8
9 LISA DAVIS - (VP, CAPISTRANO UNIFIED SCHOOL
DISTRICT BOARD OF TRUSTEES)

10 ABBY PAULSON - (Alternate for KATRINA FOLEY,
ORANGE COUNTY SUPERVISOR, 5th DISTRICT AND SPENT
11 FUEL SOLUTIONS COALITION CO-CHAIR)

12 DANIEL WHITLEY - (CAMP PENDLETON, COMMUNITY PLANS
And LIAISON OFFICER)

13
14 HON. JOHN TAYLOR - (SAN JUAN CAPISTRANO CITY
COUNCIL)

15 GARRY BROWN - (ORANGE COUNTY COASTKEEPER)

16 HON. JIM DESMOND - (SAN DIEGO COUNTY SUPERVISOR,
5th DISTRICT AND SPENT FUEL SOLUTIONS COALITION
17 CO-CHAIR)

18 HUNTER McDONALD - (Alternate for HON. JIM DESMOND,
SAN DIEGO COUNTY SUPERVISOR, 5th DISTRICT)

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1 SOUTHERN CALIFORNIA EDISON SCE REPRESENTATIVES:
2 FRED BAILLY - CHIEF NUCLEAR OFFICER AND VICE
PRESIDENT OF DECOMMISSIONING

3
4 JERRY STEPHENSON - SCE INDEPENDENT SPENT FUEL
STORAGE INSTALLATION (ISFSI) ENGINEERING MANAGER
5 RON PONTES - SCE ENVIRONMENTAL, WASTE AND
RADIATION PROTECTION MANAGER

6
7 JEFF CAREY - SCE EMERGENCY PREPAREDNESS MANAGER

8 GUEST SPEAKERS:

9 MICHELLE ANDERSON - DIRECTOR of EMERGENCY
MANAGEMENT DIVISION

10
11 JULIE JEAKLE - ACTING DIRECTOR OFFICE OF EMERGENCY
SERVICES, COUNTY OF SAN DIEGO PUBLIC SAFETY GROUP

12
13
14 SCE TECHNICAL SUPPORT PRESENTERS:

15 JULIA MARTINEZ - Presentation Slides

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GENERAL PUBLIC COMMENT

PAGE

71

Page 5

1 Via Microsoft Teams, Thursday,
2 June 12, 2025
3
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5 CHAIRMAN DAN STETSON: Okay. Welcome to
6 the second quarter 2025 meeting of the SONGS
7 Community Engagement Panel. My name is Dan
8 Stetson, and I'm the volunteer chair of the CEP.
9 Thank you all for joining us this evening.

10 We sometimes alternate the time to
11 accommodate guest speakers joining us from the
12 Eastern Time zone, but tonight we're back on our
13 regular time's starting time.

14 As you know, tonight's meeting is via
15 Microsoft Teams. Please note this meeting is
16 being recorded.

17 Our main topic for today is for the SONGS
18 Emergency Preparedness and Offsite Agency Support.
19 We made some changes to our CEP meetings for 2025,
20 which include shortening the meeting by an hour --
21 we're going to try to do it in two hours instead
22 of three -- in part by transferring updates to
23 read-only appendix slides at the end of the
24 presentations, such as the Spent Fuel Solutions
25 Coalition update, the dismantlement and batch

1 release updates, so please check this out.

2 Unchanged is that we'll still have one
3 hour dedicated to public comment and welcome
4 questions regarding all the presentation materials
5 including topics in the appendix. We also took an
6 action to try to help folks connect to Microsoft
7 Teams. So I want to thank Lorraine, because I
8 know she's worked double time reaching out to
9 different individuals in the public and the CEP to
10 try to help us. I know myself, I'm very
11 technically challenged, so I want to express the
12 special appreciation for the help you've provided
13 me and many others.

14 A draft presentation was posted to the
15 SONGS website a week ago. And I want to thank
16 Julia Martinez, as always, from SONGS for
17 advancing the slides for us.

18 So let's go to our next slide, if we
19 could, please. You see the agenda and our
20 speakers. SCE vice president of generation and
21 SONGS chief nuclear officer, Fred Bailly, as
22 usual, will cover the big picture.

23 During the community update I will share
24 our CEP member list, talk about the Keystone
25 consortia workshop that we had recently, and

1 provide highlights from the Diablo Canyon Plant
2 tour with Martha McNicholas and Manuel Camargo.

3 Ted Quinn is unable to join us this
4 evening, but Martha will share Ted's summary of
5 his recent tour of the SONGS plant. I will also
6 share a video clip of the Department of Energy's
7 Secretary Chris Wright as he addresses the house
8 appropriations committee hearing on May 7th. I
9 will share information and a link to register for
10 an important webinar on June 18th at which the DOE
11 will talk about what's called high burnup research
12 cast at the National Transportation stakeholders
13 forum.

14 After that, we'll focus on our main
15 topics. We had a suggestion, and I want to thank
16 Nina Babiarz for suggesting that we revisit
17 emergency preparedness. It has been five years
18 since we heard from SCE and County response
19 emergency professionals, so it's good that we're
20 going to revisit that topic tonight. Including in
21 that will be Jeff Carey, SCE emergency planning
22 coordinator, SONGS emergency planning and
23 preparedness.

24 Next we'll hear from Michelle Anderson, a
25 CEP member and director of the Emergency

1 Management Division for the Orange County
2 Sheriff's Department, and Julie Jeakle -- pardon
3 me if I mispronounced your name -- she is the
4 acting director for the Office of Emergency
5 services for the county of San Diego public safety
6 group regarding the offsite agency support.

7 After that, we'll have some updates from
8 SCE. Jerry Stephenson, SCE engineering manager
9 will cover the SONGS seismic safety and provide an
10 update to the Holtec UMAX inspection. And finally
11 Ron Pontes, SCE manager of site closure and
12 environmental oversight will provide some
13 environmental up dates.

14 Following the presentations, we'll take a
15 short break, and then dedicate our normal hour to
16 public comment.

17 CEP Vice Chair Victor Cabral and CEP
18 secretary Martha McNicholas will again facilitate
19 the public dialog. For members of the CEP, we
20 welcome your comments during the presentation.

21 Next, I'm going to be turning it over to
22 Fred for his comments regarding the agenda. So if
23 we could move onto the next slide.

24 Here, you will see the directions for
25 participating in public comment. As always,

1 members of the public have had the opportunity to
2 submit comments and questions in advance. I see
3 that we've already had quite a number of comments
4 and suggestions submitted. So thank you for doing
5 this in advance. It's much easier to address them
6 when they're written beforehand than addressing
7 them during the meeting itself.

8 Comments submitted by e-mail to
9 nuccomm@songs.sce.com receive priority, and that
10 address can be found on the meeting web page.

11 During the meeting, folks can submit
12 written comments or sign up for the oral comment
13 using the online CEP comment form. For CEP
14 members, if you have a question or comment at any
15 time during the presentation, use the raised hand
16 icon under reactions at the top of your screen so
17 that we can identify you and make you a presenter.

18 For CEP members who join late and may not
19 be able to see their name on the list and change
20 their name from a guest to a presenter, and
21 thereby allow them to have a closed microphone.
22 In that case, CEP members will have to raise their
23 hand icon for us to see their name and make them a
24 presenter.

25 For CEP members calling in in audio only,

1 to open and close your microphone, please use star
2 6 and keep yourself muted until you wish to speak.
3 To raise your hand by phone, CEP members should
4 use star 5. For any questions, Martha and Victor
5 will facilitate the public dialog.

6 Now after my long-winded introduction, I
7 would like to turn it over to Fred for the big
8 picture update and move to the next slide, please.
9 Thank you.

10 FRED BAILLY: Thank you, Dan. Just
11 before I go into the big picture, special thanks
12 to our guest speakers on my side as well, Michelle
13 Anderson and Julie Jeakle. It's great having you
14 join today for the update.

15 As you mentioned at the March 20th
16 meetings, there were some technical issues. We've
17 added a troubleshooting guide and updated the
18 instructions. They are both available on the
19 songscommunity.com website. We've also reached
20 out to those with reoccurring issues to offer
21 support, and we hope these improvements help
22 everyone connect more easily tonight and going
23 forward.

24 The guiding principles at SONGS, safety
25 is the foundation of everything we do here, both

1 radiological and industrial. We stay prepared for
2 changing conditions during the work that we are
3 doing to keep our workers safe. We have not had
4 an OSHA recordable incident in over 18 months,
5 however, we recently had a minor injury involving
6 a burn from welding that was a first aid and is
7 now requalifying as an OSHA recordable.

8 We've issued a safety alert to reduced it
9 risk of these type of burn injuries through body
10 positioning was at stake and also the proper use
11 of personal protective equipment.

12 Stewardship, we're committed stewards of
13 the site and safe storage of spent fuel until
14 Department of Energy takes over and removes the
15 fuel from the site. Our teams are focused on
16 dismantlement, waste packaging transportation and
17 environmental protection. In engagement we value
18 openness and public involvement through meetings,
19 our website, speaking events, and tour.

20 I want to thank those who joined our
21 recent walking tour on June 7th. We hope you
22 share your experience with others. The next one
23 is scheduled for Saturday June 21st.

24 Regarding the major work streams, the
25 projects moving forward pretty well. We're at the

1 process now that's more than 79 percent complete.
2 It's done and on track for the decommissioning
3 program phase by the end of 2028. There are nice
4 activities in the slide deck that's available as
5 well.

6 Number two, safety, we're going to
7 continue safely managing the used fuel as long as
8 it remains on site.

9 And three, we continue to worked at
10 advocating for offsite storage and clear the site
11 of spent fuel.

12 Just before I turn it over back to you,
13 Dan, the two domes that are visible from the beach
14 and the 5 Highway, they will be taken down in 2026
15 and 2027 and that's coming quickly. So back over
16 to you, Dan.

17 CHAIRMAN DAN STETSON: Thank you, Fred.
18 And thank you also for giving us an update with
19 your recent minor incident there. We wish the
20 employee the quickest recovery possible from the
21 minor injury. Thank you for reporting that. I'm
22 sure we all wish him the best.

23 Yes. Now move on to the next slide for
24 community updates, please. Here you see a list of
25 our volunteers who serve on the CEP. Although our

1 CEP alternates are not listed, I would like to
2 take this opportunity welcome Hunter McDonald,
3 land and use policy advisor for San Diego County,
4 who is the new alternate for Supervisor Jim
5 Desmond, the San Diego County's District 5. So
6 welcome aboard, Hunter.

7 HUNTER McDONALD: Am I muted? Can you
8 hear me?

9 CHAIRMAN DAN STETSON: I think we can
10 hear you.

11
12 HUNTER McDONALD: Okay. Cool. Good to
13 meet everybody. Yeah, I did hear from Jim from
14 supervisor Desmond. I think he's going to make
15 it. I think he'll be maybe 15 or 20 minutes more
16 from this point.

17 Yeah, I'm Hunter McDonald, I'm Jim's land
18 use advisor, and I'm taking the role of Kristal
19 Jabara, if you guys remember Kristal, KJ as she
20 went by. Yeah, pleasure to be here. Thank you
21 all for the invite.

22 CHAIRMAN DAN STETSON: You're very
23 welcome. It's great to have you. Yes, Hunter,
24 you are taking Kristal Jabara's place and we want
25 to thank Kristal for her service and welcome you

1 to the panel. Please feel free, to ask any
2 questions or make any comments by raising your
3 hand during the meeting.

4 We also want to sincerely thank all of
5 our CEP members and all of our alternates for
6 their continued support of time and talent in the
7 SONGS decommissioning. So if we could move on to
8 the next slide, please.

9 Please recall that DOE funded a consortia
10 organization to support it's coalition-based
11 siting efforts for federal consolidated interim
12 storage, CIS facilities. As you recall, they
13 distributed I believe 26 million divided between
14 13 groups, so each of them received about
15 \$2 million.

16 One of the consortia is Keystone, which
17 is focused on how to constructively engage with
18 communities on big and complex issues and how to
19 collectively work with community decisions.
20 Keystone invited a number of CEP members to
21 participate in a regional work shop recently on
22 March 26th. I was one of the ones participating.

23 CEP members provided, I think, valuable
24 feedback on the importance of engaging communities
25 and building trust. Building trust we reiterated

1 it was based on number of things. Number one,
2 demonstrating competency; number 2, working in the
3 best interests of the community; number 3,
4 transparency; number 4, listening to public
5 concerns; and number 5, responding to public
6 concerns.

7 Recall also that SCE members of the
8 Diablo Canyon Decommissioning Engagement Panel
9 came for a brief tour of the SONGS site earlier
10 this year. I also participated in that event. In
11 turn, PG&E invited Martha, Manuel, and myself for
12 a tour of Diablo Canyon on April 1st.

13 Martha, how was that trip? Martha,
14 you're muted.

15 MARTHA McNICHOLAS: I took a lot of
16 notes, and then I followed the example of my high
17 school English teacher and did a compare and
18 contrast study. So similarities between Diablo
19 Canyon and SONGS: Both have two pressurized water
20 reactors producing about a thousand megawatts each
21 at the time of maximum power. Both are located on
22 the California coastline using ocean water for
23 cooling. Both were brought online with the mid
24 1980s. Both have twin dome containment buildings,
25 and both employed about 1500 people at their

1 maximum operation.

2 Okay. The differences are, and this was
3 mostly because it was striking to me as having my
4 first visit there. Diablo Canyon is operating and
5 still producing about 9 percent of California's
6 electricity. While San Onofre is very visible to
7 the public located between Interstate 5 and a
8 popular surfing beach with beach walkway
9 immediately adjacent to the property so it's very
10 visible.

11 Diablo Canyon, however, is located on
12 12,000 open acres of open space land partially
13 leased for cattle grazing and is not visible to
14 the public except from the ocean and is about
15 seven miles away from the nearest town, which is
16 Avila Beach, population 1500. There are about 8
17 million people living within 50 miles of SONGS.
18 There are about 400,000 people living within
19 50 miles of Diablo Canyon.

20 Diablo Canyon's water intake and effluent
21 are right at the water's edge; whereas SONGS are
22 several miles out to the ocean. Instead of a
23 surfing beach, Diablo Canyon has its own harbor
24 for protecting the intake structure and monitoring
25 sea life. Diablo Canyon ISFSI is located 310 feet

1 above sea level and a quarter of a mile inland and
2 uses kind of a space shuttle type crawler to move
3 the dry casks containers up the hill. Diablo
4 Canyon uses Holtec canisters stored above ground
5 vertically in shielded overpacks, the high storm
6 100 design.

7 The concrete pad currently has 70 spent
8 fuel canisters and space for 68 more. This is all
9 their spent fuel since they started operating.
10 Diablo Canyon does not have rail access, so moving
11 spent fuel off site would rely on trucks or barges
12 to get to a rail head if and when spent fuel is
13 actually moved.

14 The Community Engagement Panel at Diablo
15 Canyon does not include any elected officials.
16 Based on conversations with the CEP members, the
17 community is confident that PG&E is safely
18 operating the power plant and is safely storing
19 spent fuel.

20 The key issues for the community in
21 Diablo Canyon is the impending decommissioning and
22 the concern for the future of the 12,000 acres of
23 open space.

24 So those are -- Dan, if you want to add
25 any other comments to what we saw there or your

1 feeling about it, your observations?

2 CHAIRMAN DAN STETSON: My main
3 observation is that you are a wonderful secretary,
4 and you did an excellent job and much better than
5 I did when I was secretary.

6 Two other things that really struck me
7 was there 1500 people are working there right now,
8 and when they go through the part where they're
9 going through and bringing in -- what do they call
10 it -- bring in the new fuel, they bring in another
11 thousand people to help with the exchange of
12 taking out the old fuel and bringing in the new
13 one. I thought bringing in a thousand new people
14 for that is just extraordinary.

15 The other thing that struck me is near
16 the alcove, the week before we were there it
17 attracted ten great white sharks. So it is a
18 magnet for great white sharks, which of course,
19 SONGS is no longer -- it has a few, but nearly
20 what they have out at Diablo Canyon.

21 Martha, also would you like to give a few
22 summary points on Ted Quinn's visit to SONGS?

23 MARTHA McNICHOLAS: Yeah, I will
24 basically, rather than paraphrase it, I'm going to
25 go ahead and read what he recorded on his SONGS

1 tour. Ted Quinn really -- I really admire Ted.
2 He's really a nuclear engineer. I'm a decent
3 mechanical engineer with a lot of well-informed --
4 I'm very well informed about nuclear power, but
5 I'm not a nuclear engineer. So this is a Ted: "I
6 was very fortunate to be able to take a tour of
7 the San Onofre plant decommissioning and the unit
8 3 containment on April 2nd, 2005, which is led by
9 Jim Peattie, SCE manager DA site operations, and
10 supported by Lorraine Sandstrom, SCE CEP
11 coordinator and the SONGS decommissioning team.

12 I want to thank you for the tour and Jim
13 in unit 3 containment and the video explanation of
14 ongoing activities.

15 Seeing the reactor vessel lifted and
16 seeing the overall quality and dedication of the
17 SONGS team members, made me remember well my times
18 in the containment during the start up of unit 3
19 in 1982, '83. The primary focus on reactor and
20 personal safety was clearly the number 1 priority
21 and the high quality of all the staff then and now
22 is very similar.

23 Radiation protection, maintenance,
24 decommissioning services and security were all
25 equal to the quality when we were operating. I am

1 really proud and pleased to see such a dedicated
2 work force as well as being friendly and
3 supported. Jim was an excellent tour guide with
4 all the history of SONGS.

5 Thank you for your time and energy and
6 for including me having been under the reactor
7 vessel in unit 3 in 1982 and now seeing how well
8 the work is proceeding, it really comes full
9 circle and with the best safety focus and
10 standards of the industry. Ted Quinn."

11 CHAIRMAN DAN STETSON: Thank you, Martha
12 and thank you, Ted.

13 And the word that I couldn't think of
14 previously was during the refuelling they bring in
15 another thousand folks to help with that, so
16 pardon me for my senior moment.

17 If we could move onto the next slide,
18 please. Now we want to share a video clip of
19 Chris Wright, the new secretary for the U.S.
20 Department of Energy as he addresses the house
21 appropriations committee on May 7th. If we could
22 show that video clip, please.

23 (Playing video.)

24 CHAIRMAN DAN STETSON: Thank you very
25 much. I think that that was most enlightening and

1 greatly appreciated. I think we have hopefully
2 for the first time we have representatives and
3 support from both sides of the aisle to address
4 this most important issue. So as you can see on
5 slide number 9, which we have up here, I really
6 want to make folks aware of a webinar that's
7 coming on June 18th at which time the DOE will
8 talk about what's called the high burnup research
9 cask.

10 Last year we highlighted the
11 certification of the Atlas Railcar that was
12 developed by the DOE for the transportation of
13 spent fuel. In 2027 the DOE will use the Atlas
14 Railcar to transport a canister of spent fuel from
15 Virginia to Idaho. The discussion will include
16 emergency preparedness among the DOE, tribal,
17 state and federal agencies. The demonstration
18 project is yet another very important step on the
19 path to clearing the entire reactor sites of spent
20 fuel.

21 If we could move on to the next slide.
22 Now, I would like to turn your attention to Jeff
23 Carey from SCE who will share the SONGS Emergency
24 Preparedness information.

25 Jeff, thank you for being with us

1 tonight. The floor is yours.

2 JEFF CAREY: Thanks. And good afternoon,
3 everyone. I want to first start by just saying
4 thanks for having the video. That sends a very
5 important message that I think we're all trying to
6 align with.

7 Also, Ms. McNicholas, that was a good
8 rollup from Diablo. You're a tough act to follow,
9 but I'm going to give it a shot.

10 Anyway, my name is Jeff Carey. I'm the
11 emergency planning coordinator now, a role that I
12 added to my list of responsibilities at the site
13 late last summer when our previous emergency
14 planning manager retired, the esteemed Kelly
15 Schuler.

16 I've been here at the site since 1990.
17 Most of that time working in a department called
18 radiation protection and various roles at the
19 field level as well as in management. In that
20 capacity I've been emergency response
21 organization, ERO member in various capacities
22 when the plant was still operating during the --
23 since the shutdown and even through today.

24 Next slide. Back one, please. There we
25 go. So our continued mission at San Onofre is to

1 protect the health and safety of the public and
2 our workers. This statement is really a Hallmark
3 message that defines and continues to define the
4 prime directive for not only emergency planning
5 but for the station in general.

6 SONGS protects the health and safety of
7 our workforce and the public via our conservative
8 decisionmaking regarding our design, our culture
9 of safety, our area radiation monitoring, program
10 such as EP, and there's a whole variety of things
11 that we do as well, but since I've been here as an
12 employee at the site protecting the health and
13 safety of the public and of our workforce has
14 always been a message that's come right down from
15 the top and has been ingrained into our culture at
16 the site.

17 Next slide. So let's get into a little
18 bit how we implement the program of emergency
19 planning. So little history, while operating the
20 emergency plan had 82 designated emergency
21 scenarios called Emergency Action Levels, and
22 those basically defined our emergency
23 classification levels.

24 Emergency classification levels and
25 emergency scenarios are not unique to San Onofre.

1 These are actually industry terms and processes
2 that support the emergency plan at every site in
3 the country. After shutdown and when the reactors
4 were de-fuelled for the last time, our emergency
5 plan was formally changed via license amendment
6 with review and approval from the NRC, Nuclear
7 Regulatory Commission. The change recognized
8 reduced number of possible emergency scenarios
9 and, thus, reduced our EAL, Emergency Action
10 Level, array down to only 18 total from 82.

11 Now in our current ISFSI configuration we
12 only have three EALs that apply. The hazards
13 associated with spent fuel stored in this manner
14 of dry storage are very limited. There are zero
15 accident scenarios that would result in an offsite
16 radiological release as there is an absence of
17 motive force.

18 Next slide, let's talk about Emergency
19 Classification Levels for a second. As I said
20 earlier, when we were operating we had 82
21 scenarios that supported four emergency
22 classification levels. An operating plant does
23 have those four classification levels, while
24 ISFSI-only sites have only two, the lowest two of
25 the four. I'll state that the four are going from

1 least severe to most severe. Unusual event is the
2 least severe emergency classification level.
3 Alert is the next one, and then followed by site
4 area emergency, and then finally general emergency
5 being the most severe.

6 At our ISFSI, as I stated, we operate to
7 the lowest, least severe of the four. The first
8 one being the unusual event. That emergency
9 classification level indicates a potential problem
10 with the operation of facility. There's no
11 offsite radioactive release in play. Officials
12 are notified, however, that we have entered the
13 emergency plan at that level.

14 The two possible scenarios out of the
15 three that fall under this classification level
16 are first, damage to a loaded spent fuel canister,
17 and again, I'll point out that there's no release
18 mechanism for any kind of contamination to go
19 beyond the site boundary. We would be focused on
20 predominantly managing radiation levels.

21 The second of the two scenarios is
22 security-related scenario. Security threat
23 directed at the site. The next emergency class
24 indication is alert. That indicates an event that
25 reduce the plant's level of safety. Again, no

1 offsite radioactive release. Officials are
2 notified, though. And this one really centers
3 around an actual hostile action within the ISFSI.
4 Remember, the other scenario is a threat. This
5 one actually is there's a hostile action taking
6 place.

7 Next slide, please. So state of
8 readiness. We do maintain trained and qualified
9 on shift emergency responders 24/7. We maintain
10 proficiency via drills and various types of
11 training, and the training -- or the drills focus
12 on emergency classifications and notifications
13 with our offsites, radiological response, fire and
14 medical response with Camp Pendleton and our
15 agreement hospitals. We ensure prompt
16 notification of state and local agencies via
17 training and drills and events. And we maintain
18 written agreements with our offsite emergency
19 response organizations. And those are listed
20 there at the bottom of the slide starting with
21 Camp Pendleton, who supply general firefighting
22 response, emergency medical response, and
23 ambulatory support, law enforcement, which comes
24 from Orange County Sheriff's, California Highway
25 Patrol, FBI, State Parks, even Camp Pendleton.

1 And then currently we employ via an
2 agreement support for any kind of contaminated or
3 injured workers, whether they're contaminated or
4 not, via two hospitals: Mission Hospital up in
5 Mission Viejo and Tri-City Medical Center down in
6 Oceanside.

7 Next slide. Okay. So SCE will provide
8 protective action for onsite personnel and
9 recommendations for offsite agencies is how we
10 work together. An example of how we work together
11 would be that if it's determined that a security
12 event is in progress, then the emergency director
13 may recommend evacuation of the state beach
14 adjacent to SONGS, California State Parks and Camp
15 Pendleton would work in coordination to relocate
16 or evacuate those individuals provided by info
17 provided by our emergency director. Again, that's
18 an example of one of the security events that may
19 play out with offsite support included.

20 In the very unlikely event of a canister
21 breach, onsite access will be taken to control
22 access to an area until mitigation efforts can
23 happen, as well as control any spread of
24 contamination, if detected.

25 This next bullet I want to present that

1 as something that's also going to be talked about
2 by the upcoming presenter for emergency planning
3 for Orange County and San Diego. Because there's
4 a process here that's played out. That's very
5 important to understand. This one talks about how
6 our local city and school officials how they
7 respond to an emergency response scenario, and
8 again, those presentations we'll describe that,
9 but basically the county officials direct the
10 local city and school officials in the response
11 and all protective action decisions deemed
12 necessary to protect the health and safety within
13 those areas.

14 Our offsite agencies may elect to perform
15 independent radiological monitoring around the
16 site, and that's at their discretion.

17 Next slide, thank you. So this is a
18 pictorial collage, and this one basically outlines
19 what things look like in the case of a drill.
20 Starting on the left you can see one of our ISS or
21 ISFSI security supervisors who when we enter the
22 emergency plan, his role shifted into the role of
23 an emergency director.

24 In this case he's actually preparing an
25 electronic form that gets sent out to our

1 responding organizations, the two counties:
2 Orange and San Diego, as well as the State of
3 California Office of Emergency Services, and the
4 NRC.

5 The second picture from the left is a
6 security officer who has been trained in initial
7 assessment of radiological conditions that would
8 get dispatched by the emergency director to go and
9 assess radiological conditions in the area
10 affected or more broadly, if necessary. He would
11 feed that information back to the emergency
12 director so that the emergency director would have
13 the information he needs to be able to classify
14 the event, if necessary.

15 Going to the upper right, you'll see a
16 picture of Camp Pendleton participating in a
17 drill. So we have the Camp Pendleton staff there,
18 and the role of EMT support and ambulatory
19 support. In this case you'll see that they're
20 working with an individual who is on a gurney and
21 he looks like he's wrapped up in yellow and white
22 plastic, and that's one of the techniques that we
23 use to control a worker that in a drill scenario
24 would be contaminated. So if we cannot
25 decontaminate the person before our offsite EMTs

1 arrive, then just for the sake of the person's
2 health and wellbeing, we try to prepare the
3 individual to go to the hospital the soonest time
4 possible.

5 So in this case, a wrap is provided to
6 prevent the spread of contamination from the
7 individual to the EMTs or into the ambulance.

8 And then further down to the -- on the
9 right you'll see us actually in the hospital
10 working with the hospital emergency room staff.
11 And this picture looks like it's from Mission
12 Hospital, and what you see there is a person on a
13 hospital bed. The blue thing that's he's laying
14 on is actually basically a water tray. The
15 individual has a bloody looking leg. That is not
16 real. It's actually moulage, which is basically
17 Halloween makeup. We have a person onsite that
18 spent many years decorating her children for
19 Halloween successfully, and she helps us out by
20 creating a very unattractive looking wound on our
21 individual so that we can have some realism on our
22 drills.

23 The same thing goes for the hospital, we
24 setup the hospital as we would in a real
25 situation. We get hospital staff to support us,

1 and designated nursing crews and the doctor and
2 the site -- or I'm sorry -- the hospital RSO,
3 radiation safety officer, they also participate,
4 they coordinate with us to survey and
5 decontaminate the injured person once he is
6 medically stabilized.

7 All the materials that would be
8 contaminated would be collected by us at the end
9 of the process, whether it be decontamination
10 wipes or rinse water. All things are -- that
11 could possibly be contaminated are collected by us
12 to recover and remove back to the site. And then
13 we would also survey and release the area from
14 contamination control so that the rest of the
15 medical procedure can happen unencumbered.

16 Next slide. This is the last slide for
17 me. And this is one is an important one too.
18 This one identifies our SONGS Community website
19 where we have a page that's dedicated to emergency
20 planning. You can follow the link there. There's
21 some good information there beyond even what I
22 discussed, as well as a video that goes into our
23 emergency planning. So I recommend that you visit
24 that site. Any questions for me before I go to
25 the next slide?

1 All right. Next slide.

2 CHAIRMAN DAN STETSON: Thank you Jeff,
3 once again real quickly, any CEP members have any
4 questions or comments?

5 MARTHA McNICHOLAS: I do.

6 CHAIRMAN DAN STETSON: Okay. Martha.

7 MARTHA McNICHOLAS: One of the things we
8 talked about up at Diablo Canyon was a drill where
9 there was an unexpected breach of security, not
10 necessarily how do you triage the patients and get
11 them where, but how do you defend -- sometimes
12 they get personnel from other nuclear power plants
13 to come and try to breach security.

14 Does that happen at SONGS too, or do you
15 have -- we aren't operating anymore so it's not as
16 big a deal, but do you ever kind of plan those
17 kind of drills?

18 JEFF CAREY: I don't want to get into a
19 safeguards issue, so I will talk in general terms.
20 We haven't tried that scenario recently since
21 we've been in the ISFSI-only state. I know that
22 we did use offsite military personnel that had
23 some high level clearances in the past but a long
24 time ago. I don't know when the last time we had
25 a third party, like you're describing, come in.

1 That would be a question for our security manager.

2 MARTHA McNICHOLAS: It was more of a
3 curiosity than a safety concern. Thank you.

4 JEFF CAREY: Yes. Good question.

5 CHAIRMAN DAN STETSON: Thank you both.
6 Any other questions or comments?

7 Seeing none, I would now like to turn
8 your attention to Michelle Anderson and Julie
9 Jeakle.

10 Julie, did I slaughter your name? I
11 apologize.

12 Julie Jeakle: It's all good. It's
13 Jeakle.

14 CHAIRMAN DAN STETSON: Jeakle. Okay.
15 You and Michelle are on.

16 MICHELLE ANDERSON: Wonderful. I'll go
17 ahead and start, and I'll let Julie introduce
18 herself as well. My name is Michelle Anderson. I
19 currently serve as Orange County's emergency
20 manager. Our emergency management in Orange
21 County is embedded in the sheriff's department. I
22 am non-sworn and have been in emergency management
23 here for almost 18 years in various roles
24 involving San Onofre, but definitely everything
25 from wildfires, obviously COVID, oil spills,

1 et cetera.

2 And I'll go ahead and let Julie introduce
3 herself as well.

4 JULIE JEAKLE: Hi. Thanks so much,
5 Michelle. My name is Julie Jeakle, and I'm
6 currently the acting director of the County of
7 San Diego Office of Emergency Services. I've been
8 an emergency manager for over 20 years for various
9 agencies and jurisdictions.

10 I've been with the county of San Diego
11 for ten years, but I've been in this acting role
12 for a month at this point in time, but we have a
13 wonderful team. We recently had a big retirement
14 on our team with Steven Ray, who was the long-time
15 contributor to the ICP and these efforts. I'm
16 filling in in his place.

17 MICHELLE ANDERSON: Thanks so much,
18 Julie.

19 If we can go ahead and go to the next
20 slide, please. What I really wanted to focus on
21 this evening as it relates to offsite emergency
22 planning is a lot of the coordination that goes on
23 so that if an incident were to occur, how the
24 different counties and cities are prepared. And I
25 wanted to highlight that really the stance that we

1 take, even though the risk has reduced, as Jeff
2 mentioned, is that we still want to be prepared,
3 because we typically prepare and plan for beyond
4 design basis incidents.

5 So the navy hangar fire is perfect
6 example. As you would think, oh, it's just a
7 structure fire, but it turns out the design of
8 that building doesn't allow you to put it out with
9 normal firefighting techniques, so how do we
10 adjust. That's how we typically plan for
11 emergency management.

12 As it relates to San Onofre, back in the
13 '80s they formed, first through an agreement, and
14 then actually through legislation in the health
15 and safety code what's known as the
16 Interjurisdictional Planning Committee, and that
17 committee meets on a monthly basis, and this
18 presentation will talk you through both who they
19 are, what we do, and how we do it.

20 Essentially, it's a coordination body
21 that really works to ensure the public health and
22 safety and especially as it relates to training
23 and exercising various plans and procedures for
24 responding should something happen at San Onofre.

25 Next slide, please. Okay. So here

1 you'll see the mission goals and objectives, and
2 the highlights there are we make sure that we
3 maintain plans specific to San Onofre that we
4 equip and train our first responders so that if
5 something happened, we could validate what was
6 taking place. And if we needed to respond, we
7 could hopefully respond in a coordinated and
8 effective manner.

9 Next slide. Okay. So here you'll see
10 the IPC membership, and we do have both primary
11 members and associate members. The primary
12 members vote on the different plans and procedures
13 making sure that we're all in concurrence with
14 them, and we'll walk through what those procedures
15 are in a moment.

16 I did want to highlight here that two of
17 the very unique pieces are Camp Pendleton and
18 Southern California Edison. It's so critical as
19 we plan together that as we move from onsite to
20 offsite, it is smooth and collaborative and that
21 we have established relationships and procedures
22 for doing things just in case.

23 Next slide, please.

24 CHAIRMAN DAN STETSON: Michelle, before
25 you leave, if we could go back to that slide for a

1 moment, please.

2 MICHELLE ANDERSON: Yes.

3 CHAIRMAN DAN STETSON: I live in Irvine,
4 and I don't see our city on that list. Could you
5 help me understand?

6 MICHELLE ANDERSON: Absolutely. So that
7 actually dates back when this was first
8 established in the 1980s to the idea from the NRC
9 (Nuclear Regulatory Commission), you had either
10 the EPZ or the IPZ. So the emergency planning
11 zone is a 10-mile radius that is around San
12 Onofre, so if you were to take that 10-mile radius
13 it essentially 10.88 miles is where the Ortega
14 Freeway meets the 5 Freeway. So it's everything
15 within that.

16 Irvine would not have been within that
17 10-mile radius, although, people do point out,
18 well, it's within the 50-mile radius, but back in
19 the 1980s when it was established, it really was
20 just that NRC basis of the emergency planning
21 zone.

22 CHAIRMAN DAN STETSON: Thank you.

23 MICHELLE ANDERSON: So how do we plan?
24 So on the one hand each county and city has a set
25 of emergency plans. They're known as emergency

1 operations plan, and we have basic ones that are
2 just how do we respond to, say, an earthquake or
3 to a flood or to a landslide? Then you develop
4 very specific ones that have to do with known
5 hazards or functional concepts.

6 So a hazard for us would be San Onofre,
7 and so we have a specific plan that describes
8 that. San Diego has a plan, each of the cities
9 have a plan. Then we have also have this unique
10 set that's called Interjurisdictional Policies,
11 and those are a collaborative set of policies
12 amongst all of those members from the previous
13 page, and how we're going to respond.

14 And the next slide will give you an
15 example, if we can, Julia, move forward one. So
16 what the policies address, they start with the
17 idea of who's involved, if there's an issue from a
18 local government perspective. What are we going
19 to do in terms of activating our emergency
20 operation center? How are we going to send out
21 notifications to the public? How are we going to
22 coordinate messages, say, with one voice so that
23 you don't have San Diego County saying one thing,
24 Orange County saying another, and then San
25 Clemente saying a third thing.

1 So all of these interjurisdictional
2 policies work to smooth that process out, and what
3 you'll see here as an example is how we do
4 notifications, and just like Jeff mentioned in his
5 slides is Southern California Edison would make
6 notification to the counties and cities and Marine
7 Corps, and then we would turn around and start
8 doing notifications out to the public in a
9 coordinated fashion.

10 Next slide. So this is an example if
11 anyone has heard in Orange County we have what's
12 call Control One. It's a primary notification
13 point for all disasters and hazards, and that
14 would be where notifications are made. And we
15 have a whole protocol for who Control One notifies
16 once we're notified of that issue.

17 Next slide. One of the other important
18 points that I wanted to highlight here is we
19 talked about what offsite actions would be is that
20 in the policies we have what we call a
21 decision-makers conference call. If there was to
22 be an incident at San Onofre, we send out a
23 notification to local government. We all get on
24 to a conference call together, and we walk through
25 our preestablished protocols and decide in a

1 uniform fashion how we're going to respond.

2 So do we need to activate a hotline? Do
3 we need to set up alert and warning to the
4 particular area? Is there a need for protective
5 action like a shelter in place as an example. So
6 we do have established processes for that.

7 I apologize, Victor, has his hand raised.

8 CHAIRMAN DAN STETSON: Thank you very
9 much. Victor.

10 VICTOR CABRAL: Yeah, I had a question
11 about the school districts and how they're
12 integrated into this, through the county?

13 MICHELLE ANDERSON: So they're actually
14 going to get notifications through multiples so,
15 yes, the County will make notification to them,
16 but we also make notification to the Department of
17 Education. So the Department of Education will
18 also reach out to them. And we do actually
19 provide them with a small amount of funding each
20 year for Capo Unified so that they are able to do
21 preparedness activities themselves as well.

22 VICTOR CABRAL: Okay. They're one of the
23 groups that I didn't see on the list that are
24 within that 10-mile radius, so I was wondering why
25 they wouldn't be included.

1 MARTHA McNICHOLAS: They're one of the
2 associated groups. They were on the second list.

3 VICTOR CABRAL: I understand that, but
4 they're also with -- they're a big player within
5 that --

6 MARTHA McNICHOLAS: Yes.

7 MICHELLE ANDERSON: I think what that
8 comes down to is the decisionmaking on protective
9 measures is because it's coordinated in between
10 the sheriff's department, the health care agency,
11 and OCFA, so the fire authority here in Orange
12 County, the health officer and radiological
13 protection officer, in particular, would be the
14 decisionmakers, and then it's the inform and
15 activate the schools and other populations for
16 those protective measures.

17 LISA DAVIS: It does seem like it should
18 be -- this is Lisa Davis, I serve as board
19 president on Capistrano Unified -- and it does
20 seem like we should be on that first list. Can
21 you help me understand why it works that way?

22 MICHELLE ANDERSON: Again, it was set up
23 back in the 1980s as those -- the schools at that
24 time they weren't considered in the same role as
25 they are today, where we have the schools, say, in

1 our emergency operation center. The schools don't
2 get to decide if there's a danger. They're
3 informed that there's a danger. Does that make
4 sense?

5 LISA DAVIS: It does, and I know that and
6 I know that Darrin Jindra who navigates that works
7 carefully with all of those that are on the
8 initial list, but I don't know, maybe it is
9 something we should look at as far as -- I mean,
10 it does affect the most amount of people in this
11 area, so it might be something we can look at.
12 1980 is just a minute ago.

13 MICHELLE ANDERSON: Right. Very true.
14 And I can take that down as an action item and we
15 can see. Honestly, it's been such a long time
16 since the membership was updated, so I think
17 that's a good idea to take a look at that. We can
18 definitely look do that.

19 LISA DAVIS: Thank you.

20 VICTOR CABRAL: Thanks.

21 MICHELLE ANDERSON: One of the other
22 important policies that we have relates to the
23 radiation monitoring teams. So this goes back to
24 the idea of trust but verify, is when we're
25 notified that there is an incident on site, we

1 have radiation monitoring teams that meet down
2 near the site, and they go out and actually
3 conduct assessments to make sure whether or not
4 there's an offsite radiation and while I do
5 understand, right, that Edison's stance and what's
6 been approved by the NRC is that there is not that
7 possibility, but we need to be able to verify for
8 the public, as well as our first responders, that
9 that is the case.

10 We equip and train and exercise these
11 radiation monitoring teams, and they go out at
12 least twice a year to go and conduct exercises.

13 Next slide, please. So the radiation
14 monitoring teams they provide information back to
15 our offsite dose assessment center, and that is
16 where we do have the health care agency that is
17 doing that independent analysis of the readings,
18 and they use that technical data and summarize it
19 and forward that to the emergency operation
20 centers, so that decision makers can decide if
21 protective actions are necessary.

22 Next slide. And these are photos from
23 our April drill. The first one is just the
24 different agencies. They all go through a
25 refresher training for how the kits work before

1 they deploy out into the field and complete their
2 exercise.

3 Next slide. And this is just an example,
4 you know, just like anyone else we always want to
5 make sure that people are familiar with the site,
6 that they recognize and have actually been to it
7 so that when we're doing things offsite, you can
8 recognize and understand what's being discussed.
9 So this is just an example of when the health care
10 agency and Anaheim Fire were out at the site
11 visiting.

12 And I think I saw a hand.

13 CHAIRMAN DAN STETSON: Thank you very
14 much, Michelle and Julie. Let me turn to our CEP
15 panel members and ask if they have any questions
16 before you move on.

17 VICTOR CABRAL: This is Victor.

18 CHAIRMAN DAN STETSON: Victor, go.

19 VICTOR CABRAL: I do want to say that we
20 do need -- we need recommend that they do take a
21 look at what were included and what was not
22 included. In 1980 Irvine probably had a
23 population of 60,000 people, didn't have anybody.
24 The school district here probably had very few
25 students, maybe one high school. So the

1 populations have changed dramatically. I don't
2 even know if the Orange County Fire Authority was
3 even established at that time.

4 So we could at least recommend that they
5 relook at who was in that group and why they --
6 45 years is a long time without looking -- and I
7 understand that a lot of these groups will get
8 notification, but I think they should have a role
9 beyond just being notified, because they probably
10 have things that they could do right now or have
11 information that would be useful to the group.
12 That's my thoughts on this.

13 CHAIRMAN DAN STETSON: Victor, I want to
14 second that. As a citizen of Irvine, I was
15 recently in a meeting and they said the population
16 is expected to go over 400,000 people, so you're
17 right, Irvine has grown a little bit. And I have
18 a feeling Laguna Beach would probably like to be
19 involved as well.

20 MICHELLE ANDERSON: Absolutely, we can
21 definitely do that. You know, we could probably
22 do a survey for all of those maybe within that
23 50-mile radius and so who might be interested, so
24 absolutely.

25 CHAIRMAN DAN STETSON: Victor, is that

1 anything else?

2 VICTOR CABRAL: That's it, thanks.

3 CHAIRMAN DAN STETSON: Also, members of
4 the audience who are not part of the CEP, you're
5 welcome to ask questions during the public
6 comment, which will be coming up shortly. We're
7 going to go ahead and move on. I want to thank
8 Jeff, Michelle, and Julie for helping us to
9 understand the current state of emergency
10 preparedness. I also want to, once again, thank
11 Nina for her suggestion to revisit the emergency
12 preparedness. It's important for us to revisit
13 the topic from time to time.

14 Next I would like to turn it over to
15 Jerry Stephenson, and Jerry is going to talk a
16 little bit about SONGS seismic safety.

17 Jerry, it's yours.

18 JERRY STEPHENSON: Thank you very much,
19 Dan.

20 Next slide, please. I think you all
21 remember in April on the 14th there was an
22 earthquake in Julian. It was 5.2 on the Richter
23 scale, which is generally considered a moderate
24 earthquake, even if the epicenter no damage is
25 expected from an earthquake of that size in a

1 modern building, maybe something might fall off a
2 shelf, but no structural damage.

3 At SONGS, which is you can see from
4 this -- here on the right you got a picture of a
5 screen printed from the USGS (United States
6 Geological Survey) website. They have seismic
7 monitors all over Southern California. And
8 there's one -- just happens to be one right here
9 at San Onofre called San Onofre, so it gave us
10 indication of exactly what the acceleration was
11 here at San Onofre.

12 Now I've switched from Richter scale to
13 acceleration, which I know that annoys a lot of
14 people, but the Richter scale is a measure of the
15 total energy of an earthquake, which is really
16 useless when you're trying to figure out what the
17 acceleration is at your location. Damage is done
18 by acceleration, not by the total energy that's
19 given off by the earthquake. That earthquake will
20 give off that energy over a very large area, but
21 we need to know what happens at San Onofre.

22 This USGS website measures the peak
23 ground acceleration. An earthquake is an
24 acceleration, not a force, so it accelerates
25 masses, it accelerates all things the same. So it

1 will affect our ISFSI the same as it would affect
2 your house, the car. It doesn't matter what the
3 mass is, everything is accelerated the same.

4 So if you look like right there, you see
5 that we found 1.35 percent of a g or 0.0135g.
6 Okay. Our design basis is 1.5g, which is 100
7 times stronger than the 0.0135g. It's more than
8 100, but I'm just using round numbers. So the
9 acceleration here was very, very low. It was
10 felt, but it was certainly nothing that was going
11 to cause any damage.

12 However, once it was felt, we did go into
13 our earthquake procedure, which is called off
14 normal operations, and it required us to go do an
15 inspection of the facility. So the security
16 officers went out, they inspected the fire
17 systems, they inspected the security systems, and
18 they inspected both ISFSI systems looking for
19 anything that's damaged or anything that's moved.

20 You say moved, why would such a huge
21 thing move? Well, an acceleration can move a
22 large thing just as easily it can move a small
23 thing. In fact, there was a site back East that
24 experienced an earthquake, and they found that
25 some of their horizontal modules were moved and

1 you think, oh, my God, that's horrible. No, the
2 engineers that designed the horizontal Orano
3 models are very clever. By allowing the whole
4 module to move, it reduces the forces on the
5 canisters, and the canisters actually feel much
6 less acceleration when the whole thing slides, so
7 that was not a problem, and there was no damage at
8 that site either.

9 So the spent fuel at SONGS continues to
10 be stored safely, and we did our inspections,
11 found no damage, and we're ready for the next
12 earthquake, should one come. That's all I have.

13 CHAIRMAN DAN STETSON: Thank you very
14 much. We'll move on to the next slide.

15 JERRY STEPHENSON: Oh, look, it's me
16 again.

17 CHAIRMAN DAN STETSON: Well, yeah, quick
18 second to see if there's any questions. I'm not
19 seeing any. Yes, Jerry, we recall that the
20 results of the Holtec UMax canister inspection was
21 done during the first quarter meeting in March.
22 Soon after that we received a follow-up question
23 from Gary, Gary Headrick, and SCE agreed to
24 revisit the inspections and will focus on the role
25 of the camera and the inspection purpose. So

1 Jerry, take it away and please provide some
2 insights.

3 JERRY STEPHENSON: Thank you very much.

4 Next slide, please. Okay. So I'll
5 repeat myself a little bit because some people
6 might not have been here last time. Everything
7 was found in good overall condition. There were
8 some scratches as we expected. Scratches are
9 caused by the seismic restraints. Seismic
10 restraints fit very tightly around the canisters.
11 There's six of them, they're rounded but even a
12 round point on a round point creates a point
13 contact. So they cause minor scratches as the
14 canisters are loaded down in.

15 We found some scratches, we measured some
16 scratches -- I'll talk more on the next slide --
17 but there is no corrosion observed in any of the
18 scratched areas. We also have some scuffs caused
19 by the shield that weren't even measurable in the
20 depth, really. They're just discolored areas from
21 scuffing.

22 Next slide, please. Okay. You know
23 what, I'm going to talk about all of this on the
24 next slide, so let's go to the next slide, and
25 then we'll come back to this one and see if

1 there's any questions.

2 This is the two slides -- two photographs
3 from the two times that we inspected. The deepest
4 scratch that we knew of on canister 72. On the
5 left is the original inspection in 2019, and at
6 that time we measured it as 0.026 deep, okay.
7 However, we took a lot of data and when we went to
8 write our report we saw this and we looked at it
9 and said, oops, see the red dot there on the left,
10 that means that the camera hadn't quite locked in
11 yet. See the vertical line there in the middle?
12 You don't get a vertical line like that when you
13 do a scratch, okay. Scratches are formed the same
14 way that glaciers formed canyons. So they don't
15 have vertical walls, they have sloped walls. This
16 scratch looked like a bad data.

17 So we had to then decide what are going
18 to do with this? Should we throw it out? Well,
19 that's maybe what we would have done except that
20 it was the deepest scratch, and to throw out the
21 deepest scratch, would seem not conservative. I
22 mean, you guys who care about us doing things
23 accurately, you would have probably thrown a
24 penalty flag if we would have thrown out the
25 deepest scratch, and I would have too, so we

1 included it. I actually made that decision
2 myself. We included it in our statistical
3 analysis and in our report, and made a note to
4 come back and remeasure it at the next
5 opportunity.

6 So in the right you see that the
7 remeasurement 2024. We went in, and we spent a
8 lot of time. We, actually, the camera system had
9 approved the ability for it to lock in, and the
10 ability to measure the depth hadn't improved, but
11 the software that locked it in and took the data
12 had improved. And we did -- we were very
13 confident when we measured all up and down, all
14 around that the deepest part of the scratch was
15 0.011 deep.

16 So although the deepest scratch that we
17 have is still on this canister, not this scratch,
18 the deepest scratch we have now instead of being
19 0.026, it's 0.016. So all of our scratches are
20 0.016 deep or less.

21 These are two representative pictures of
22 scratches. The bright light is really shiny. The
23 distance across these scratches is very small, a
24 quarter inch or less. They are very shallow. You
25 know, 0.011 is the thickness of three or four

1 human hairs, it's the third thickness of a credit
2 card. It's really not a very deep scratch at all.
3 To put it in perspective, we added 0.125, 1/8 of
4 an inch. 1, /8 of an inch is 0.125. So we added
5 0.125 of thickness above the design required of
6 the canisters. Remember we used 5/8 inch steel,
7 the design requires half inch. That's 0.125 extra
8 that we added.

9 Then if you look at code requirements,
10 the ASME (American Society of Mechanical
11 Engineering) Section 3 says that a defect can be
12 10 percent of the wall thickness before you have
13 to worry about it. Before you even have to
14 evaluate it, we could have a scratch 0.062 deep.
15 So we're far away from any area where we would
16 have to take action or do any evaluation.

17 Let's go back to the previous slide and
18 make sure I covered everything there. Talked
19 about 19 and the accuracy was questioned,
20 conservative included and were reinspected. We
21 covered everything there.

22 I think there's one more slide. Let's go
23 two ahead now. I wanted to talk about the
24 scratches being bright and shiny. You saw how
25 bright and shiny they were. There's no evidence

1 of any corrosion on these scratches, and in fact,
2 every other plant in the country when they've
3 inspected their canisters, they found no evidence
4 that corrosion is initiating and there seems to be
5 no correlation between scratches. Scratches can
6 actually put a compressive stress onto the surface
7 which impedes corrosion.

8 The scratches are very shallow. They're
9 the thickness of two or three or four human
10 resources hairs, a third thickness of a credit
11 card, and so we have no action that we need to
12 take at this time. We're going to follow our
13 inspection schedule, which is two canisters every
14 five years and the test canister every two and a
15 half years. So our next two canister inspection,
16 which will be 2029, and in 2027 we'll do the test
17 canister only.

18 That's -- that's the schedule that's
19 called out by our inspection and maintenance plan
20 that we wrote for the Coastal Commission.

21 That's all I have for this. Any
22 questions?

23 CHAIRMAN DAN STETSON: Jerry, thank you
24 very much. Because one of the questions I had was
25 why do we believe the second set of, as opposed to

1 the first, so your explanation was really helpful
2 to understand that.

3 Just as I kind of understand things, the
4 minimum requirement under federal law is a half
5 inch thick, 0.5. All the canisters both for the
6 AREVA and for the Holtec are 5/8 inch thick or
7 0.0625 inches thick. If we subtract the deepest
8 scratch, which was 0.011 inches, we have the
9 remaining of 0.0614 which still quite a bit over
10 the minimum thickness of about half an inch.
11 Correct me if I'm wrong, even with the deepest
12 scratch, we're still at 122.8 percent above the
13 minimum requirement, so we're 23 percent over the
14 minimum requirement, even with the scratch. Is
15 that right?

16 JERRY STEPHENSON: Yeah, that sounds
17 right. It's a little bit simplistic, but I can't
18 argue with that. And we could probably -- if we
19 look add the code, we could come up with even more
20 margin.

21 CHAIRMAN DAN STETSON: I think that's
22 very helpful to understand. If there's no other
23 questions, I don't see any from our CEP members, so
24 we're now going to turn to Ron.

25 Welcome, Ron. Please give us some

1 updates on the environmental side.

2 RON PONTES: Thank you, Dan.

3 And those were great presentations by
4 Michelle, Jeff, Jerry. That's a tough act to
5 follow. Really excellent presentations that you
6 guys did. Great job.

7 I think the last time we talked about
8 tritium was the last meeting. The first time we
9 spoke about tritium in groundwater at SONGS I
10 believe was back at the August or September
11 meeting last year, whenever that was.

12 A reminder, the groundwater below the
13 SONGS site in the surrounding areas around SONGS
14 is not drinking water. That's an important thing
15 to remember. The other thing to remember, and you
16 can see it in the graphic on the bottom right, is
17 that the groundwater flow across the site is
18 generally from the easterly side to the westerly
19 side to the Pacific Ocean.

20 Okay. So that water is coming from, you
21 know, on the other side the 5 Freeway from the
22 hills that are located over there, and then
23 flowing under the site and to the ocean.

24 So the chart on the right top shows a
25 graphic of the wells that we've been monitoring

1 since we learned about this indication of tritium
2 in the groundwater. And you can see the overall
3 trend is downward, but it's kind of in a sawtooth
4 fashion. It goes down, it goes up, it goes down,
5 it goes up, but generally it's down. And the
6 sampling that we took just this last Monday, not
7 reflected here on this chart, shows that continued
8 trend in the downward direction.

9 I will remark that the PA-2 well, the
10 well that initially identified the tritium, you'll
11 notice it's been trending up for a bit here for a
12 few months. But it turned on this Monday and it's
13 starting to go down again. This just -- that's
14 just due to the hydrogeology in the local area and
15 how the water is kind of trapped there and flows
16 through that region.

17 So we'll continue to monitor these wells
18 until they drop below detection limits. Okay. So
19 that could be a few more months or many more
20 months ahead of us.

21 Where do we think the tritium came from?
22 We believe the tritium came from what is called
23 the Unit 2 main steam isolation valve trench.
24 This is a valve pit that's located between the
25 structure that contained its main steam isolation

1 valves and the safety equipment building. That
2 trench was designed to collect rain water among
3 other things and that was one of its purposes, and
4 it would get pumped periodically after rain events
5 when we're operating.

6 What happened more than a year ago when
7 we go back and look at the records is when we were
8 making our regular discharges, cleaning up the
9 water that was going to be discharged to the
10 ocean, we did have a pump that had a leaking seal
11 on it, and the way that seal water was handled was
12 it eventually made its way intentionally to this
13 trench to be held up there until it could be dealt
14 with later.

15 What wasn't understood and what we
16 learned was that during rain events that trench
17 would fill, and it would fill above a level where
18 it would leak back to groundwater. That's what we
19 know about it. That's why we suspect this is
20 where it came from. Based on the levels that we
21 have here, you know, somewhere between maybe
22 1200pCi/l up to a little over 3,000pCi/l,
23 depending on which well you're looking at and in
24 the overall trend in the downward direction, we
25 know that no extraction or remediation is

1 required.

2 So one of the other things that we do on
3 an annual basis is we produce a report. It's
4 called an Annual Radioactive Effluent Release
5 Report. That report is provided to the NRC, and
6 it represents all the different pathways for
7 releases of radiation from the site, whether it's
8 gaseous emissions to the atmosphere, liquid
9 discharges to the ocean, direct radiation and
10 solid waste that's being removed from the site.
11 All those things are contained in this report.

12 Because this release was unmonitored
13 release, there's a category called abnormal
14 release. That's also contained in this report.
15 So in that abnormal release area of this report
16 you would find an analysis of the consequences for
17 2024 of what the dose consequence was from this
18 release.

19 Now to calculate that, we have to follow
20 Nuclear Regulatory Commission guidance, that's in
21 in regulatory guide 4.25. It's very prescriptive.
22 It tells you exactly what you have to do when you
23 have this kind of situation to calculate the dose.

24 So there's a few bullets here at the
25 bottom of the slide that kind of characterize that

1 for you. First of all, the average concentration
2 at the site boundary, which is just to the west of
3 the site there where the sea wall is, more or
4 less, that's the site boundary was 100pCi/l. So
5 what is the dose consequences of that?

6 Let's compare it first to all the batch
7 releases we made last year. We released somewhere
8 around 1,420,000 gallons of water to the ocean
9 last year, and that resulted in about 28.4 curies
10 of radioactivity that was released. That
11 monitored release from all those batch releases
12 resulted in a dose of 0.006 mrem.

13 So let's compare that to our annual dose
14 limit for the site. The annual dose limit is 6
15 mrem. So let's answer the question, how many
16 curies were released due to this tritium crossing
17 our site boundary in the groundwater?

18 It was -- excuse me here I'm trying to
19 see my slide -- 0.008 curies. Just a tiny
20 fraction of what we had released in our monitored
21 release. So the dose consequence of this is
22 really negligible compared to what we released in
23 the batch releases.

24 So they're a very small consequence,
25 however, we will continue to monitor this, like I

1 said at the beginning, until these levels drop
2 below detection limits. Any questions?

3 Not hearing any, not seeing any.

4 Go to the next slide. Okay. Now we're
5 going to talk about something different, something
6 new. On April 23rd we became aware of an
7 unexpected event at the site. Early in the
8 morning around 6:00, 6:30 in the morning our
9 contractor SDS was informed that there's a tractor
10 trailer with a transformer on it being delivered
11 to the site up in parking lot 4, that's the
12 parking lot to the north of the site, with oil
13 leaking from it.

14 I will tell you as soon as SDS found out
15 about it, they immediately responded. They went
16 up there and mitigated the leak. They got a
17 catchment underneath it, they controlled it. And
18 then the question was, well, what happened here?
19 What is this thing that's on this tractor trailer?

20 Well, it was an oiled fill transformer
21 that was being returned to the site to support
22 SDS's decommissioning work, and somewhere in its
23 transit to the site it started to leak. The
24 driver had arrived at the site the night before,
25 and for some reason he decided not to park it on

1 parking lot 4, he decided to park it at the
2 entrance of San Onofre State Beach. So while he
3 was parked there. He got there at 10:30 at night.
4 At about 5 o'clock in the morning an officer from
5 the State Parks beach, he said, Hey, you can't
6 park here, you need to move your load back over to
7 the site. So he did. While it was sitting there
8 it leaked on that entrance way to the State Beach,
9 fortunately it was off the road and not on the
10 road itself going in and out of the beach.

11 The net impact of this was there was no
12 releases to the storm drains or waterways, no oil
13 made its way to the ocean. Access to the beach
14 was never interrupted. The transformer supplier
15 dispatched a team to the site, they drained the
16 oil from the transformer, they collected it, they
17 cleaned it up, and the truck driver took away the
18 transformer, taking it back to where it was being
19 refurbished. That happened early in the
20 afternoon.

21 And then the company that delivered the
22 transformer, they activated an environmental
23 cleanup team to the site to cleanup both areas.
24 So the entrance to state parks, they went over
25 there, they dug up the soil that was contaminated.

1 Put down new soil, compacted it, cleaned that all
2 up, and then on our property they came over and
3 cleaned up where it spilled on the asphalt. All
4 those things were completed on the 25th. I think
5 that was that Friday.

6 So good story in the sense that when we
7 knew about it, we responded quickly, properly, and
8 we got it cleaned up with no impact.

9 I'm bringing it up here because Scott
10 Kibbey from State Parks, we were closely working
11 with him on this matter, and I think he wanted us
12 to review this at this meeting. So that's why we
13 brought this up here. Any questions on this?

14 I think this is the last slide for the
15 meeting here before you go to break, Dan. And I
16 think this is a good way to kind of end the
17 meeting. This slide I took right off of a news
18 release from California State Parks. Great news
19 here, the Olympics is coming here to our
20 community. They're going to be at Trestles for
21 the surfing competition 2028.

22 I can tell you that we're very proud of
23 the selection, and we're very happy for the local
24 community to have an opportunity to host this big
25 event, and I think everybody here at the CEP

1 shares that. We've been a long time neighbor to
2 State Parks. We're no stranger to these kind of
3 events at Trestles. In fact, there's a surfing
4 competition going on there now sponsored by the
5 World Surfing League. It's got a lot of people
6 visiting that area, even as we speak.

7 But what I really want you to take away
8 from the message I'm sending here is this: As you
9 look forward to 2028, think about what the SONGS
10 site is going to look like. 2028 the domes are
11 going to be gone, no visual cues anymore about
12 those big things that you see when you pass by on
13 the 5 Freeway or if you're surfing and you're
14 looking back at the site, they're gone. The
15 radiological cleanup is going to be completed
16 okay, we're all done with that.

17 The waste water, those batch releases, I
18 know they're not popular, they will have ended,
19 and the conduits will have been sealed. There's
20 no more water going to the ocean from the plant.
21 And then final grading of the site will be
22 underway. We'll be grading the site and make sure
23 that it, you know, is properly graded to meet the
24 requirements of the California Coastal Commission.

25 Yep, the fuel is still going to be here.

1 It's not going to vanish between now and 2028. I
2 can tell you this, just like you heard from Jerry
3 and others, we will continue our job to safely
4 store that fuel while it's here. And it will be
5 continuously monitored, Jerry and his engineers
6 will be inspecting those canisters every five
7 years and two and a half years for that test
8 canister. So they're going to get the attention
9 they need so that we know that that fuel is safely
10 stored.

11 So finally, we share an appreciation for
12 the beautiful location that we live in and work
13 in, and we take very seriously our role as a
14 steward of the environment. And as I've talked
15 about many times in other meetings, the Pacific
16 Ocean and the surrounding beaches are protected
17 through rigorous environmental controls and
18 monitoring programs. We've talked about that a
19 lot in the past, we can talk about it again in the
20 future if you want to, but we really give a lot of
21 attention to that here, and we're very proud of
22 what we do too.

23 Again, just in summary, really super
24 happy the Olympics are coming to our community,
25 and that we have a chance to show what we've got

1 here to host this big event.

2 Back to you, Dan.

3 CHAIRMAN DAN STETSON: Thank you, Ron.
4 Victor.

5 VICTOR CABRAL: Yeah. Do we have a date
6 of when the fuel releases will end given the, I
7 think it's the December 28th Olympics surfing
8 competition, will they overlap, or will they end
9 before that competition?

10 CHAIRMAN DAN STETSON: Victor, those are
11 not fuel releases. Ron, maybe you can clarify.

12 RON PONTES: Are you talking about the
13 batch releases?

14 VICTOR CABRAL: The batch releases,
15 sorry.

16 RON PONTES: Okay.

17 VICTOR CABRAL: I misspoke.

18 RON PONTES: So we have about -- let me
19 just explain a little bit. There's some
20 information in the backup slides elsewhere in the
21 deck available. We have about 45,000 gallons,
22 give or take, of water that we plan to release in
23 August or September this year. I don't have an
24 exact date for it, but it's in that time frame.
25 That will be the last of the waters that's coming

1 out of the reactors and spent fuel pools. That
2 will be cleaned up. That's the last of it. No
3 more of that water, but to guard against a large
4 influx of water from significant rain events in
5 the future that might collect in the basements as
6 we doing the decommissioning work or the potential
7 for intrusion of groundwater into those same
8 basements while we're going decommissioning work,
9 we will continue to maintain the discharge permit
10 and as a contingency, we will have the ability to
11 clean that water up and release it, okay.

12 We'll likely or may be some releases in
13 the future, not of the levels that we've seen
14 here, you know, the quantities that we've released
15 in the past, but the potential exists. To get
16 right to your question about when will we be done,
17 probably get we'll past that point in 2027
18 sometime.

19 VICTOR CABRAL: Okay. Thank you.

20 RON PONTES: You're welcome.

21 CHAIRMAN DAN STETSON: Thank you, Victor.
22 Thank you, Ron.

23 Looking to see if we have any other
24 questions from our CEP members. I don't see any.
25 Let's go ahead and move on. Before we do, I want

1 to thank you, Ron, for reminding everyone that the
2 dismantlement project will be almost near
3 completion by 2028 and that many surfing
4 competitions have already been held at Trestles
5 beach prior to the Olympics selecting this
6 location.

7 Now as we look at slide for public
8 comments, just a few suggestions and comments once
9 again, here you see the CEP public comment form.
10 It is linked. It is available to submit a
11 question or to sign on to speak online. I see a
12 few hands that are raised right now, please be
13 sure that you register via this link. That puts
14 you into the queue to be recognized and for the
15 opportunity to speak.

16 I see Rita has already done that. The
17 individual -- the names of individuals who signed
18 up to speak will be displayed on the slide. I
19 will call your name when it is your turn to speak.
20 You will each have three minutes. There will be a
21 countdown timer on the screen. I ask you to
22 please respect the time limits, because we have
23 quite a few number of people that want to speak.
24 We will have an hour dedicated to the public
25 comment segment of the meeting. After public

1 comments, Victor and Martha will facilitate the
2 public dialog.

3 With that, I think I'm looking to see any
4 other quick comments or questions from the CEP
5 members and, if not, we're going to move to the
6 next slide, and we're going to take a quick
7 five-minute break, and let's be punctual and start
8 right back up, because we are running 30 minutes
9 behind.

10 (Recess taken from 7:00 until 7:05.)
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PUBLIC COMMENT

CHAIRMAN DAN STETSON: Okay. Let's go ahead and get started. Once again, thank everyone for taking a quick break and being punctual to return. Once again, a reminder, if you want to speak, please use the signup on the CEP form that we noted at beginning of the meeting.

Let's go ahead and move onto our next slide and see who our first speaker is going to be.

It looks like the first speaker is Alice McNally and, Gary, you are on deck.

Alice, are you there? I see your hand, Alice.

How can we help Alice?

MANUEL CAMARGO: Rogelio, anything we can do to help Alice?

MICHELLE ANDERSON: Do you need to allow her mic?

CHAIRMAN DAN STETSON: Alice, can you hear us okay?

Let's move on to Gary, and we'll come back to Alice. Maybe we can send her a text to help her with this.

1 Gary, are you available? Gary Headrick.

2 GARY HEADRICK: Okay. Can you hear me?

3 CHAIRMAN DAN STETSON: We can hear you,
4 yes.

5 GARY HEADRICK: It says I'm -- oh, good,
6 I'm unmuted.

7 So I submitted a supplemental report for
8 tonight's CEP meeting, and I think you're able to
9 show that as I speak; is that true?

10 CHAIRMAN DAN STETSON: I don't know if --

11 MANUEL CAMARGO: I don't think we're
12 prepared to show anything.

13 CHAIRMAN DAN STETSON: Gary, I think to
14 show anything in advance, next time let's see if
15 we can coordinate earlier so that maybe if there's
16 something that you want to show as a presentation,
17 we could work on that as they do like at city
18 council meetings. We don't really have the
19 capability of showing what you want to show, but
20 why don't you go ahead and address it in terms of
21 the questions that I know you have, or comments.

22 GARY HEADRICK: Yeah, I did send some
23 individual photos, I guess those are not able --
24 you can't show those?

25 MANUEL CAMARGO: If I can chime in here.

1 Let's hold off on starting the timer.

2 Hey, Gary, Manuel Camargo here. So yeah,
3 we can post anything that you want to share to the
4 page associated with this meeting. So for now
5 maybe go with your comments, and then we'll
6 address your comments later in public comment.

7 GARY HEADRICK: Okay. Let me -- I'll
8 just go ahead read what I was sending that I hoped
9 we have other information with, but before I send
10 this information with you I think it's worth
11 making it clear where I'm coming from as a
12 representative of about 5,000 concerned citizens.
13 Our immediate goal is to deal with the nuclear
14 waste in the safest, most efficient manner
15 possible without profit motive influencing the
16 decisions. That can only be achieved in a
17 transparent and trusting environment where
18 eventually we come to a reasonable outcome that
19 benefits all. It doesn't matter if you are for or
20 against nuclear power, the waste is something we
21 have to deal with, and for that reason we should
22 be able to solve it together in a collaborative
23 manner.

24 In that spirit, I ask that you consider
25 probing deeper into the issue of damage done to

1 canisters by requesting all photographic evidence
2 resulting from each inspection be available to the
3 CEP and the public.

4 You will see below that that would help
5 to build public trust when you look at the
6 difference between what we are being told and what
7 we can see with our own eyes. The problem that
8 I'm trying to illustrate is page 34 in the
9 presentation and canister 72 is being shown in a
10 different area than the images that I wanted to
11 share with you that was also canister 72, but it
12 has a huge gouge going down the length of it, and
13 the other picture shows corrosion. You would not
14 expect it to be anything else but a corrosion, and
15 I'm sorry you can't see those images, and maybe we
16 can get to that after the comments are complete.
17 Please, please consider that. It's really
18 important. Thank you.

19 CHAIRMAN DAN STETSON: Thank you, Gary.

20 GARY HEADRICK: I guess I still have a
21 little bit of time. I did want to encourage you
22 to show the video clip that I have, if possible,
23 at end of the meeting if someone can work on that,
24 please. Thank you.

25 CHAIRMAN DAN STETSON: Thank you, Gary.

1 So we're going to now turn to Nina.
2 Are you available, Nina? Nina Babiarcz?
3 ROGELIO: She's on the phone. She called
4 in, so it should be 4611 should be available.
5 CHAIRMAN DAN STETSON: Okay. Good.
6 NINA BABIARZ: Hello, can you hear me?
7 CHAIRMAN DAN STETSON: We certainly can.
8 Welcome.
9 NINA BABIARZ: Hi, Dan, just so you guys
10 know, it takes a few minutes so that you can hit
11 the star 6 because in the other instructions it
12 says to hit star 5 to unmute, but it does take a
13 couple seconds to get that validation. I thought
14 I would let you know from this perspective.
15 CHAIRMAN DAN STETSON: Thank you.
16 NINA BABIARZ: May I start, Dan?
17 CHAIRMAN DAN STETSON: Let's restart the
18 clock for her, please, at three minutes.
19 NINA BABIARZ: A safety philosophy for
20 emergency planning preparedness and response
21 should be developed to address worst case
22 scenario, not a best case scenario, as Edison has
23 outlined to us tonight as low risk, quote/unquote.
24 Almost immediately after the radiation
25 leak in 2012 and the abrupt closure of the

1 San Onofre generating station in 2013, Edison
2 applied to the NRC for massive emergency planning
3 exemptions for everything outside their plant,
4 that would be our community. Edison misleading
5 assertion that there is, quote/unquote, low
6 likelihood of any credible accident at plant in
7 this permanently shut down and de-fuel condition
8 that could result in radiological releases
9 requiring offsite protective measure, unquote, is
10 ridiculous considering the following factors: The
11 very first, at least, let's talk about the
12 emergency classification level that we don't have
13 at San Onofre, the site area emergency
14 classification. We've got 3.6 million pounds of
15 radioactive nuclear waste in a USGS Tsunami
16 inundation zone, that Edison's ISFSI sits in a
17 confluence and seismic activity and has for
18 thousands of years.

19 Now, take into account the consequences
20 of accelerated sea level rise to that 3.6 million
21 pounds of radioactive waste, the San Onofre ISFSI
22 scenario based on these high risks characteristics
23 described warrants a third emergency
24 classification level of a site area emergency in
25 order to even begin to be prepared.

1 The sole responsibility of the NRC is to
2 ensure the common sense and security of the nation
3 and the health and safety of the public. Edison's
4 presentation tonight demonstrates that the NRC has
5 failed our communities in its mission. These NRC
6 exemptions are the result of an agency that's been
7 captured by the same industry that it's chartered
8 to regulate.

9 I only have one big logical question for
10 you all to consider: If the risk is so low of a
11 radiological release, now why did Southern
12 California Edison need any emergency planning
13 exemptions?

14 Why don't we all for moment just pretend
15 for a moment that we had 7.2 earthquake during the
16 break, what would we be doing right now? Not the
17 shoulds, not the hope, not the might, not the
18 maybes, but what would we be doing right now?

19 I'd like to close in inviting Jeff Carey
20 to visit Public Watch Dogs website and review our
21 radiological regulatory failure report. It was
22 first white paper that we wrote nearly a decade
23 ago. Thank you very much. Have a good evening.

24 CHAIRMAN DAN STETSON: Thank you very
25 much as well. Deeply appreciated.

1 We're next going to turn to Rita McDonald
2 and Laura Rosenberges, you are on deck.

3 Rita, can you hear us? I see your name,
4 I see your hand up, but you're muted.

5 RITA MCDONALD: Hello, hello, hello.

6 CHAIRMAN DAN STETSON: Hello, hello,
7 hello. We hear you.

8 RITA MCDONALD: All right. Great.

9 Well, first off I would like to ask the
10 CEP when we are going to go back to regular
11 meetings at the -- onsite meetings where everyone
12 can come up, and there's much more interactivity
13 available, when is that going to happen? COVID is
14 over. It's been over for a couple of years. When
15 are we going back to onsite meetings? Anyone?

16 CHAIRMAN DAN STETSON: They'll address it
17 after all the questions are done. Go ahead and
18 finish with any other suggestions or comments, and
19 then Martha and Victor are putting these together,
20 and then we'll address that.

21 RITA MCDONALD: Okay. Very good.

22 The next thing that I would like to
23 address is the NRC meeting. They had a
24 Decommissioning Lessons Learned Workshop on
25 January 15, 2025, that's this year, January 15,

1 2025, and Elise Eve, the team leader for the U.S.
2 NRC Region 1 gave an overview of recent issues,
3 and one of the recent issues, I followed up and
4 spoke to Elise was there was an unauthorized --
5 and this is right on the report -- unauthorized
6 access to locked high radiation areas. And this
7 unauthorized access to locked high radiation areas
8 occurred at SONGS.

9 How the heck does someone get in to a
10 locked high radiation area? How did that happen,
11 and what were they looking for? What's going on
12 with that? That's very concerning. That's it. I
13 really would like that question answered, though.

14 CHAIRMAN DAN STETSON: Yes, Victor and
15 Martha will be taking notes, and they will direct
16 that to the appropriate person at SCE upon
17 conclusion of public comments.

18 RITA MCDONALD: And one last question
19 from the same report, there was a failure to
20 control airborne radioactivity, failure to control
21 airborne radioactivity at SONGS. I'd like to know
22 how that happened and where it happened and for
23 how long.

24 And this is from an NRC Decommissioning
25 Lessons Learned Workshop, January 15, 2025. This

1 is not Rita's pipe dream. This is what the NRC is
2 telling us. I would really like to understand
3 this.

4 CHAIRMAN DAN STETSON: Okay. Thanks.
5 Thank you very much, Rita.

6 RITA MCDONALD: You're very welcome.
7 Have a nice day. I appreciate your help.

8 CHAIRMAN DAN STETSON: Okay. I
9 appreciate your comments.

10 We're now going to move to Laura
11 Rosenberges.

12 LAURA ROSENBERGES: I have one question:
13 Do the Holtec canisters still have broken shims?
14 Were they fixed? Are you going to fix them? And
15 I didn't hear the answer to, does canister number
16 19 still have a cut in it? Happened I think when
17 one of the workers first built it. That's what I
18 heard.

19 CHAIRMAN DAN STETSON: Okay. Thank you.
20 My understanding is you have a question about the
21 shims, which goes back a few years and also a
22 question with reference to the abrasive cuts or
23 scratches. Thank you very much, Laura.

24 We're now going to move on to Harvey,
25 Harvey Liss. I see your hand up, Harvey. Take it

1 away.

2 We can see you, Harvey, with your hand up
3 and we still see the microphone muted.

4 Do we have any suggestions for, Harvey?

5 ROGELIO: I don't think he's talking
6 either, so he has the ability to unmute himself.

7 CHAIRMAN DAN STETSON: Harvey, one last
8 chance. You should see a microphone with a line
9 through it, if you click on that, we can hear you.
10 We're going to come back to you.

11 Daryl, you're up next. Are you there?

12 ROGELIO: He should be available.

13 CHAIRMAN DAN STETSON: Okay. Daryl,
14 we're going to move on then.

15 We're going to try again with you, Alice.

16 ALICE McNALLY: Can you hear me now?

17 CHAIRMAN DAN STETSON: I can hear you,
18 Alice. All right. Good job.

19 ALICE McNALLY: I do want to make a
20 remark that I don't think your hand raising thing
21 is working, but please check on it. But anyway, I
22 will launch into my remarks.

23 I had read about your Emergency Planning
24 Partnership, the IPC on your website, and that was
25 it formed in 1982 to address the emergency

1 planning requirements within the emergency
2 planning zone for SONGS. Since 2015 SONGS has not
3 had a planning zone, but that the SCE continues to
4 partner and support local first responders. Why
5 is there no longer a planning zone? I would like
6 to know.

7 I was glad to see that you had added a
8 member, one more body to your IPC, the San Diego
9 County, and I have a question too: There's no
10 mention of FEMA. FEMA coordinates the national
11 effort to provide state, local, and tribal
12 governments with relevant and executable
13 radiological emergency preparedness, planning,
14 training, and exercise guidance, will also help
15 with the policies necessary to ensure that the
16 adequate capabilities exist to prevent and protect
17 against and mitigate effects of, and respond to
18 and recover from incidents involving commercial
19 nuclear power plants. What role will FEMA play,
20 and if they're not, they should? Why wouldn't
21 they?

22 I had a couple of other questions. I was
23 alarmed about the scratches. Our walls of our
24 canisters are only 5/8 inch, and you're up there
25 10 to 19 inches, so the percentage of these

1 scratches are immense.

2 And the other thing is decontamination.
3 You showed how well they did it on one person, how
4 are they going to do it for 8.4 million of us?

5 Thank you.

6 CHAIRMAN DAN STETSON: Thank you very
7 much, Alice. We're next going to circle back to
8 Harvey. We're going to give you another shot.
9 Harvey, are you there? Harvey, we're not hearing
10 you, and I don't see a hand raised for you. Okay.

11 Let's try Daryl.

12 Daryl, are you there?

13 Wait, there is Harvey. Where are you,
14 Harvey?

15 HARVEY LISS: Hello. Do you hear me now?

16 CHAIRMAN DAN STETSON: You're on. Good
17 job.

18 HARVEY LISS: Okay. If a terrorist in a
19 rowboat slides past the canister storage on a
20 beach and flings an explosive device onto the
21 canisters, blowing up and releasing its contents,
22 is that a big deal? It could not be assigned a
23 most severe classification, or will you be sending
24 notifications anyway for millions of people to
25 evaluate? What's to prevent that scenario?

1 That's the end of my comment. I don't know if
2 there's an echo.

3 CHAIRMAN DAN STETSON: Yeah, we're really
4 having difficulty understanding you, Harvey. I
5 think you also wrote some comments. We may have
6 to address some of those.

7 HARVEY LISS: Okay. I can try now. I
8 turned off the sound on my laptop. Do you hear me
9 now?

10 CHAIRMAN DAN STETSON: Better.

11 VICTOR CABRAL: Much better.

12 HARVEY LISS: Maybe you just read my
13 comment.

14 CHAIRMAN DAN STETSON: We'll read it
15 after the public comments are done. We'll address
16 it at that time.

17 JERRY STEPHENSON: We have his comment
18 captured.

19 HARVEY LISS: I just read exactly my
20 comment.

21 CHAIRMAN DAN STETSON: Okay. So we'll go
22 ahead and address that during the -- after we
23 finished with the public comments then.

24 HARVEY LISS: Okay.

25 CHAIRMAN DAN STETSON: Thank you very

1 much, Harvey.

2 We're now going to give Daryl one last
3 chance. I don't see Daryl up there. Let's go
4 ahead --

5 ROGELIO: 125 is the phone number.

6 DARYL: You can't hear me at all?

7 ROGELIO: Yes, we can hear you.

8 DARYL: You can hear me? I've only
9 pushed star 6 five times.

10 I have two short questions: We couldn't
11 do this for Three Mile Island and we couldn't do
12 this for Chernobyl, but with Fukushima we had the
13 internet and nonstop 24/7 news coverage. I
14 watched it obsessively. I never saw any of the
15 workers or any of the civilians being wrapped in
16 plastic bags. I don't understand what kind of
17 radio nuclide is stopped by plastic bags. That's
18 question number 1.

19 And number 2, is when you were talking
20 about every two years for the test canister and
21 every five years for the other canisters you're
22 checking them. What happens if this winter we
23 have a really bad Tsunami and half of them become
24 under water for a short period of time, even if
25 it's for a few days. They're going to get

1 corroded. Are they going to have wait five more
2 years to be checked? That's my question number 2.
3 That's it. Thank you.

4 CHAIRMAN DAN STETSON: Thank you very
5 much. Thanks for hanging in there with these
6 technical things that we're all trying to tackle.
7 With that, we're now going to turn over the
8 meeting to our esteemed secretary and vice chair
9 Martha and Victor to address those comments and
10 the others which were put -- addressed online.

11 So Victor and Martha, take it away.

12 VICTOR CABRAL: I guess I can go in
13 reverse order. There was a question I thought it
14 was Daryl who talked about the fact that the
15 example shown in the presentation showed people
16 wrapped in plastic bags and how is that effective.
17 And the second part of her question was about the
18 Tsunami, if one was hit, and these canisters were
19 under water for a period of time, are we going to
20 wait five more years to go according to schedule?

21 JERRY STEPHENSON: I think I can address
22 both of those.

23 JEFF CAREY: Go ahead, Jerry.

24 So the plastic suits for the workers are
25 there to prevent contamination from getting on

1 others. Contamination is like radioactive dirt,
2 radioactive water, radioactive dust, so the
3 plastic suits are so that they can take those off
4 and not have any contamination on them. It's not
5 designed to stop gamma rays, although it will stop
6 alpha and beta particles. So that's used at every
7 nuclear facility through out the world. She maybe
8 didn't see it elsewhere, but that's how nuclear
9 workers protect themselves.

10 As for the Tsunami, so we're analyzed for
11 Tsunami. The largest Tsunami that ever happened
12 in Southern California is less than 3.4 meters.
13 Our Tsunami here, the analysis was redone in 2022,
14 and it isn't high enough to reach the top of the
15 sea wall, it isn't high enough to reach the Holtec
16 pad, and that's assuming that it happens on a full
17 moon with a storm surge and everything stacks up
18 together, it still won't reach all of those
19 features.

20 Now if the sea wall wasn't there, it
21 could flood the bottom of the Orano system, but it
22 recede and not cause the canisters to be -- to be
23 salty. But, you know, everybody makes me answer
24 the question, assume it can get that high. And
25 the answer is we wouldn't wait for five years, we

1 wouldn't wait until it's time to do the next
2 inspection, we would go into recovery effort. We
3 would -- the water is very good heat transfer
4 mechanism, so the water would keep the canisters
5 cool while we did, in a very controlled manner, to
6 clean the water out of them, wash them with fresh
7 water, get the mud out and get them back into good
8 working condition. That would be very large job,
9 but it would take a lot of planning and manpower
10 and execution, but we would have plenty of time to
11 do it just because we could keep them cool by
12 adding more fresh water.

13 MARTHA McNICHOLAS: I'm going to add a
14 little bit to that, the plastic wrap, I think one
15 of the photos made it look like an injury patient
16 was wrapped in plastic as opposed to the workers
17 and mitigating the touch contamination.

18 JEFF CAREY: Let me add some depth to
19 that, since that was my presentation. The picture
20 describes a drill scenario where we simulate that
21 a worker has become both injured and contaminated
22 during the course of his work activities. The way
23 this scenario plays out, and this is a standard
24 drill play, because we want to challenge the worst
25 case scenario, and we try to decontaminate the

1 worker as part of our primary method but in the
2 case of drills, we typically say, Hey, you know
3 what, you tried, you couldn't get him fully
4 decontaminated so we're going to go ahead and go
5 through the process, and we can use this training
6 opportunity to work with our offsite partners to
7 transport a contaminated injured worker to the
8 hospital, and we could also train the hospital on
9 how to deal with the situation.

10 The wrap is very simply, we call it
11 cocooning; it's our own term. It's an industry
12 practice, though, we're basically saying a worker
13 is injured, and he's contaminated, and we want to
14 transport him right away. The ambulances arrived
15 before we were able to fully decontaminate him, we
16 wrapped the person in thick plastic, not a suit,
17 but a plastic sheet, basically, and we seal him up
18 so that there's no tranference of contamination to
19 the ambulatory personnel or the ambulance itself,
20 and then once we get to the hospital emergency
21 room, like the final picture I discussed, he's
22 placed on a bed that has a -- basically a
23 bath-type bed where he can be rinsed and further
24 decontaminated.

25 And if you remember from the picture, the

1 little localized area was roped off and had a
2 boundary so that we can control the contamination.

3 Now to follow up on one of the other
4 questions about using plastic for 8 million
5 people, that's not even reasonable. The
6 contamination event that we drill is a localized
7 contamination event. Even in our emergency plan,
8 a breach of canister, the contamination that we
9 would expect to see because there's, again, no
10 mode of force to spread radioactive material
11 around the property. It's all going to be
12 localized. We can deal with it all right there.
13 Any workers that may become contaminated, we deal
14 with them directly at the location. We wouldn't
15 have people walking over Southern California, and
16 we aren't spreading contamination beyond our
17 controlled area boundary, which is our ISFSI area.

18 So the wrap has got a purpose. It's an
19 effective tool to control the spread of
20 contamination.

21 MARTHA McNICHOLAS: Thank you. And I
22 think that, at least from my point of view, this
23 isn't something you pulled off the shelf here,
24 this is a standard method of decontamination and
25 protection, and you guys know how to do that.

1 JEFF CAREY: I always kind of paint
2 contamination like this, let's pretend it's mud.
3 If you're a mom and you got kids or maybe you're a
4 dad and you got kids, and the kids are out running
5 around playing in the mud -- kids don't really do
6 that as much anymore, they got E-bikes and
7 computers and cell phones -- but if they were, or
8 if you remember what it was like for you as a kid,
9 and you came home muddy, your mom would feel a lot
10 better if you had clothes that could quickly be
11 removed, and then all of a sudden you're clean or
12 maybe you had a second layer of something that
13 could be removed, and all the mud goes with it.
14 Same concept applies.

15 MARTHA McNICHOLAS: Okay. So since
16 Victor started at the bottom of the list, let's
17 back up one more with Alice McNally who was top
18 the list, and then ended up being at the bottom of
19 the list. And her questions are why isn't there a
20 planning zone anymore, and what about FEMA and how
21 do they work into this?

22 JEFF CAREY: So when we were online, we
23 didn't have the -- there was a big discussion
24 earlier about a 50-mile planning zone, and when we
25 were online, the 10-mile emergency planning zone

1 was the industry standard, and that's what we
2 used. The 50-mile concept came in after Fukushima
3 as a byproduct of some information that was shared
4 from that event.

5 So 50 miles is not in play. We always
6 used a 10-mile emergency planning zone. Now that
7 we stored the fuel in the manner that we stored
8 it, we don't even need the emergency planning
9 zone. In fact, to talk about FEMA, as part of our
10 process for changing our emergency plan via
11 license amendment with the NRC, one of those
12 changes once we defuel the reactors for the last
13 time, and we ceased from reloading the reactors
14 with spent -- with nuclear fuel ever again, was to
15 get approval from both the NRC and FEMA associated
16 with our EPZ (emergency planning), and they both
17 agreed that we no longer needed that emergency
18 planning zone any longer, and that's when we made
19 our changes. We reduced our emergency action
20 level array, and also we had our first change
21 reduction to our emergency action levels.

22 So there is some FEMA involvement. Now,
23 set back a little bit and understand the
24 progression of our emergency plan. Our emergency
25 plans start off on the site, let's say we have

1 some sort of an event and everything is dealt with
2 on site first. If we need support, then we would
3 call in our offsite support agencies as needed.
4 Let's say, for example, it was a hostile event
5 inside of our ISFSI area, and we needed law
6 enforcement support, and then let's say that
7 something else happened, and we became
8 overwhelmed, then we would reach out to the State
9 of California Office of Emergency Services to give
10 us another layer of support. If that layer was
11 overwhelmed, then we would reach out to FEMA.
12 FEMA is federal. They don't respond to everything
13 directly. They respond in a federal manner like
14 they would a hurricane in North Carolina when the
15 local resources have been overwhelmed, and they do
16 a same thing for us.

17 It's more of a progression rather than an
18 automatic response by FEMA.

19 MICHELLE ANDERSON: Can I add something
20 really quick? Just to kind of support what Jeff
21 was mentioning is when we talk about the planning
22 that we still continue to do at the County and
23 City level, we still do all of the planning,
24 training, equipping that we used to do, even when
25 it was still an operating power plant and the

1 regulations were in place.

2 The only thing that has changed in our
3 stance is that FEMA no longer grades our
4 exercises. So back in the day when we would do a
5 plume phase exercise, FEMA would come out, and
6 they would actually critique the offsite agencies
7 to say how well we were meeting their criteria.
8 It was a challenging but very worthwhile process.

9 Unfortunately, we don't have that
10 anymore, but everything else is still in place,
11 and we still have well-established relationships
12 with both Cal OES and FEMA, and so it's just a
13 little nuance there. It may not be required from
14 a legislative perspective, but we absolutely still
15 do those activities.

16 MARTHA McNICHOLAS: I think that also
17 plays into Nina's question about having plans in
18 place, even though we have exemptions. We don't
19 have plans for an operating plant, but there still
20 are emergency plans in place. Her question was
21 why don't we plan for the worst case, instead of
22 the best case, and I think she was questioning
23 classification levels, and why do we make it sound
24 so safe? Could there really be a worst case?

25 MICHELLE ANDERSON: And I would say we --

1 at offsite jurisdictions we plan for the beyond
2 design basis incidents, because it really is a
3 potential out there for those just really unique
4 situations. We still do all of the planning,
5 equipping, training, exercises, and that's why
6 we're still very thankful that Edison is willing
7 to come to the table. They participate in all of
8 our monthly meetings. They participate in our
9 exercises, and they always invite us to the ones
10 that they are still required to host.

11 Again, for myself, I would say that that
12 is a positive that I hope in the future if Diablo
13 Canyon does move forward with decommissioning,
14 that it's something that other people can look to
15 adopt to. We might not be able to get it
16 legislated, but I think it's a best practice.

17 MARTHA McNICHOLAS: Absolutely. And
18 Victor, I'm going to stretch this one further
19 because I want to hear the answer to --

20 VICTOR CABRAL: Can I finish Nina's
21 question first?

22 MARTHA McNICHOLAS: Go ahead. Yeah.

23 VICTOR CABRAL: Because she had -- she
24 spoke specifically about sea level rise, Tsunamis,
25 and earthquakes related to the scenarios that you

1 described. Do we -- anybody can address that?

2 JEFF CAREY: Let me take a crack at it,
3 and Jerry, back me up, how's that?

4 JERRY STEPHENSON: Okay.

5 JEFF CAREY: Our emergency plan, first of
6 all, to address the concept of we don't look deep
7 enough and critical enough, and we need to add
8 another layer of emergency classification, so the
9 next level up that was mentioned was site area
10 emergency, and that really doesn't apply. I think
11 that the question, even though it is a good
12 question, it was a little bit uninformed. Site
13 area emergency really applies to failure of safety
14 systems related to the reactor coolant system. We
15 don't have that anymore. What we have is our
16 emergency classification levels and our scenarios
17 or our emergency action levels are conservative.
18 They're design basis built, and so they are worst
19 case scenario.

20 As far as things like Tsunamis,
21 earthquakes, and so forth, our emergency plan has
22 the three scenarios that it has. The -- we do
23 have a site procedure, and Jerry mentioned it
24 earlier called off-normal operations, and that
25 addresses things like fires, and earthquakes, and

1 various other things. It would only be an
2 emergency planning issue if it caused us a
3 compromise in regards to our emergency action
4 levels. Otherwise, we follow the procedure and we
5 recover.

6 I'll give Jerry the chance to talk
7 technical about how we would respond to, let's
8 say, a Tsunami.

9 JERRY STEPHENSON: All I was going to say
10 is that each of these has an analysis, and we've
11 talked about the analyses, and we've talked about
12 the analyses for Tsunamis, for earthquakes, for
13 all the different events, and each of those
14 analysis concludes how bad it can get. We look
15 into the worst case, and that's what feeds into
16 our emergency plan, and that's why Jeff only has
17 three action levels, because that's as bad as it
18 can get.

19 VICTOR CABRAL: Thank you.

20 MARTHA McNICHOLAS: I'm going to stretch
21 that, because I want to hear the answer to Harry's
22 question, if somebody comes by in a rowboat and
23 throws a bomb over the fence into the ISFSI, and
24 the ISFSI blows up and releases all of its
25 contents, what does that -- are you going to

1 notify everybody, or what is the response to that?

2 JEFF CAREY: First of all, I will say
3 that the guy has got a pretty strong arm, but in
4 reality we do drill scenarios such as that, where
5 we say that there's an explosion on the ISFSI.
6 First of all, it's not going to wipe out the
7 entire ISFSI. But let's say that there was large
8 scale damage. Really what we're looking at is,
9 again, mode of force to spread contamination if we
10 had the worst case scenario of a breached
11 canister, what we would really be concerned about
12 is our radiation levels. And the size of the
13 ISFSI area offers enough space as well as the wall
14 and the landscape around the structure, that we
15 have natural shielding barriers and distance
16 between our facility and members of the public,
17 so all that --

18 JERRY STEPHENSON: Let me step in here a
19 little bit, Jeff. We don't want to get into
20 anything safeguards, and we can't discuss or
21 security analysis. Let's say that we have
22 security features that keep a bomb of significant
23 size from ever exploding on the ISFSI, okay.

24 So Jeff does drills that are beyond
25 design basis sometimes, so don't take from this

1 discussion that a bomb can go off on the ISFSI,
2 okay?

3 MARTHA McNICHOLAS: Okay. That's
4 interesting. I'm thinking iron dome. You guys
5 have your own iron dome. I'm sorry. That was a
6 facetious, I apologize.

7 JERRY STEPHENSON: I can either confirm
8 nor deny.

9 MARTHA McNICHOLAS: Okay. All right.
10 I'm going to let --

11 VICTOR CABRAL: Not something appropriate
12 for this -- let me ask about -- I think Rita
13 McDonald had a question about if we're ever going
14 to get back to regular meetings with interaction
15 onsite, that was the first part of her question.
16 So maybe the Chairman can answer that.

17 CHAIRMAN DAN STETSON: Sure, happy to.
18 Number one, personally I miss those in person
19 meetings, because I think that they're very
20 productive. Before the meetings, individuals are
21 able to come up and ask questions, and after the
22 meetings are over, they can address them as well.
23 During our planning sessions with the CEP members,
24 we took a poll, and a majority of them said they
25 wanted them to be virtual meetings, as opposed to

1 the online -- as opposed to the in-person
2 meetings.

3 Manuel, help me understand, we talked
4 about have maybe having an in-person meeting
5 before the end of the year. Correct me if I'm
6 wrong?

7 MANUEL CAMARGO: We did explore doing an
8 in-person meeting, but then we looked back at the
9 data associated with the last time we did that,
10 and the attendance was very low. In fact,
11 basically the folks who attended in person, other
12 than the CEP members, were retirees of SONGS. So
13 with all that, our current plan is not to go back
14 to hybrid meetings that include an in-person
15 component, with the exception of when the CEP
16 members themselves get together for consultation
17 meetings.

18 But, you know, if that's something that
19 the panel would like us to explore going back to
20 in person or hybrid at some point, we can
21 entertain it. That's how we got here is the
22 advice from the CEP members was, you know, folks
23 kind of appreciated the efficiency with respect to
24 no commute to get to the -- other than walking to
25 your computer, wherever that might, basically time

1 savings.

2 CHAIRMAN DAN STETSON: Manuel, thank you
3 for refreshing my memory, that's exactly right.
4 We did a take a poll. However, if we do have
5 enough comments from the public and from our CEP
6 members, I think we could certainly have some
7 in-person meetings once again.

8 Rita, thank you for bringing that up. I
9 vote for you.

10 VICTOR CABRAL: Rita, had two other
11 questions regarding the NRC Lessons Learned from
12 the January 2025 report. I think she pointed out
13 that there was a recent issue of unauthorized
14 access to a locked high radiation area, and the
15 second issue she raised was the failure to control
16 airborne radiological activity. Two separate
17 incidents that she mentioned.

18 MANUEL CAMARGO: I think Jim Madigan is
19 on. He's in the position to address the two
20 questions.

21 JAMES MADIGAN: Thank you. My name is
22 Jim Madigan. I have responsibilities for
23 oversight of radiation protection here during
24 decommissioning. The lessons learned presentation
25 that was mentioned that the NRC gave listed three

1 industry issues. One of them was unauthorized
2 entry into a or control of locked high radiation
3 areas. We had an event here back in January of
4 2024 where an individual who was authorized to
5 work at San Onofre, had been working in the high
6 radiation areas, while working asked the radiation
7 protection technician if he could go into a
8 different area, which is called a locked high
9 radiation area because the definition, not because
10 it actually has a lock on it, but because by
11 definition in radiation levels, it's called a
12 locked high radiation area.

13 Well, the RP technician allowed him to
14 enter, and it turns out he was on a permit that
15 only allowed entry into high radiation areas, not
16 locked high radiation areas. And so it was an
17 issue of not being on the correct permit. The NRC
18 did their full evaluation, and because the person
19 had a radiation protection technician with him all
20 the time and met all the other requirements for
21 being in a high radiation area, they determined it
22 to be of low safety significance. That was back
23 in January of 2024.

24 The other instance of controlling
25 airborne radiation areas is not an issue that

1 occurred here at SONGS, and I'm not familiar with
2 it.

3 VICTOR CABRAL: All right.

4 MARTHA McNICHOLAS: I think both Gary
5 Headrick and Laura mentioned questions, and I'm
6 going to try to summarize these because they all
7 have to do with scratches or cuts. And Gary's
8 concern is the photos showing corrosion and what
9 photos we show and what photos he was trying to
10 show, and the different canister number 72 and
11 canister number 19, and I'll have to admit I was
12 not -- I was trying to follow what the specific
13 questions were, but can we -- I know we've talked
14 about depth and gouges and how often we inspect,
15 but could somebody kind of review that again and
16 make sure we're all comfortable with the
17 information presented?

18 JERRY STEPHENSON: Okay. So Gary
19 submitted some written questions, and I can go
20 through those and maybe add some more to address
21 this. He asked why do we only do the oldest and
22 coldest. Well, that's what New Reg 2214 managing
23 the aging process and storage requires. So that's
24 the NRC guidance, and that's what we follow.

25 There's a reason for that. Older

1 canisters have been in service more time, and
2 they've been more exposed to different
3 environments, so they could have been exposed to a
4 corrosive environment. That's the logic there.

5 And coldest canisters are more
6 susceptible to CISCC -- that's stress, corrosion,
7 cracking -- because stress, corrosion, cracking
8 requires a wet environment, and a wet environment
9 can only exist on a cold canister. It can't exist
10 on a hot canister.

11 So that's why oldest and coldest is the
12 industry standard as required by New Reg 2144, and
13 a quick Google search, Gary, will get you New Reg
14 2144, go to section 6.

15 So why other problematic canisters are
16 not prioritized? We follow New Reg 2144 guidance,
17 but you did ask about canister 19 several times.
18 Canister 19 wasn't even a candidate for this
19 Holtec inspection, because it's in the Orano
20 system, but we've talked about it on the first
21 quarter meeting where we did review the results of
22 the March inspection, we considered it, but we
23 chose not to inspect it.

24 The Orano canisters are loaded on a rail.
25 So each canister gets a rail mark, scratch from a

1 rail on it every time it's loaded. This one
2 canister 19 at the time we realized it had been
3 noisier, and we thought it might have worse
4 scratches, and we went and we did an evaluation.
5 We found the scratches were 0.012 thick.
6 Remember, in the presentation I gave today the
7 deepest scratch, the scratch that we just
8 re-characterized became 0.011 thick, which is the
9 thickness of three or four human hairs or the
10 third of depth thickness of a credit card. It's a
11 very shallow scratch.

12 Remember, we talked about we have a
13 margins of at least 0.062 per the code plus we
14 added another 0.125 of thickness for extra margin.
15 So, you know, a 0.012 thick scratches is not a
16 concern at all and industry experience has shown
17 scratches are not a corrosion initiation site. We
18 decided not to inspect canister 19, and we will
19 continue to use the guidance in New Reg 2214 to
20 choose our canisters.

21 The last part is why are the photos
22 proprietary? With the photos in our technical
23 reports are not proprietary, they're company
24 confidential, and that's -- every company does
25 that. We don't publish all our technical reports

1 online.

2 We showed you two pictures that are very
3 representative. You ask about the very long
4 scratch that went the length of the canister,
5 well, the scratches that we evaluated were
6 actually part of that. We just showed you a
7 close-up of the deepest section.

8 Okay. So we showed you the best picture
9 of the deepest scratch or one of the deepest
10 scratches, that's very representative, and they
11 wouldn't add any value to show more pictures of
12 more scratches.

13 Then I think the last thing you asked
14 about or somebody asked about was shim pins.
15 Should I address shim pins now?

16 MARTHA McNICHOLAS: Sure. Sorry.

17 JERRY STEPHENSON: Shim pins are an
18 internal feature of the Holtec system, and the
19 first four canisters that we loaded were the shim
20 pin design. We don't know that the shim pins are
21 broken, but we do assume that they could be
22 broken, so we asked Holtec to do an analysis, and
23 they've analyzed the shim pins as a potential
24 loose component and found them to be acceptable
25 and not a safety concern.

1 No, we do not plan to repair the shim
2 pins, and the shim pins will go to their final
3 resting place, just like they are without a safety
4 concern. I think that's all I had about shim
5 pins.

6 MARTHA McNICHOLAS: I think that was
7 Laura that had the similar questions to Gary's on
8 canister 19 and shim pins, so thank you.

9 Victor, do you see anything else?

10 VICTOR CABRAL: I do not have anything
11 else. I do not have the written questions, so I
12 don't know if there's anything in there that is
13 different. But other than that, I think we've
14 addressed everything that's been questioned today
15 online.

16 MARTHA McNICHOLAS: There was one by
17 somebody who didn't speak that send it up in a
18 written question, and it's Phil Walker, and he
19 says our local leadership seems to be obsessed
20 with the decommissioning efforts and are taking
21 down what once was a very productive facility.
22 Why can't we keep the current facility and simply
23 modernize the facility with a group of small
24 nuclear reactors connected to the power delivery
25 system currently in place?

1 My first thought is I think we're way
2 past being able to reopen, but maybe we could have
3 a comment on --

4 RON PONTES: I can take that one. Ron
5 here.

6 Thanks, Phil, for the question. So first
7 of all, the plant site is on land that we lease
8 from the United States Navy, okay. And the
9 mission of Marine Corps, who occupy that property,
10 is to train marines, and it's understanding that
11 the Navy wants the site back to complete that
12 national defense mission of training marines.

13 We're focused on getting the site cleaned
14 up, and once the fuel is removed from the site, we
15 can complete that obligation to return the
16 property to the Navy.

17 MARTHA McNICHOLAS: Thanks, Ron.

18 CHAIRMAN DAN STETSON: Okay. Martha --

19 VICTOR CABRAL: We're done.

20 CHAIRMAN DAN STETSON: Victor, anything
21 else?

22 VICTOR CABRAL: No.

23 CHAIRMAN DAN STETSON: Okay. We want to
24 thank Martha and Victor for facilitating. I want
25 to take a quick look for any of our other CEP

1 members to see if they have any thoughts or
2 comments or questions.

3 Seeing none, I would like to thank
4 everyone who did participate from the public as
5 well. I thought it was a very interesting and
6 robust series of questions, so I want to thank you
7 for taking the time and participating.

8 And now I want to turn it over to Fred
9 for some closing comments.

10 FRED BAILLY: Thank you, Dan. I want to
11 thank Jeff, Michelle Anderson from Orange County,
12 and Julie Jeakle from the San Diego County for
13 explaining the current state of emergency
14 preparedness and response.

15 I want to thank the panel members and
16 public for participating in tonight's meeting and
17 asking questions about issues that are important
18 to you. We very much appreciate the challenge.
19 We value transparency and work hard to provide you
20 with facts and information, whether it's during
21 our CEP meetings, tours, engagements on our
22 website.

23 We continue to keep the CEP and the local
24 communities up to date on the tritium and
25 decommissioning activities.

1 With this, I would like to go to the next
2 slide. Just to mention that for nuclear facts,
3 decommissioning updates, time lapse videos, you
4 can visit songscommunity.com. You can also follow
5 us on social media and request a walking tour
6 through the site. Feel free to reach out with
7 questions also through the website.

8 Now I turn it back over to you, Dan.

9 CHAIRMAN DAN STETSON: Thank you very
10 much, Fred.

11 I would like to ditto thanks to all the
12 participants. I want to thank Nina for bringing
13 it to our attention that we needed to address the
14 emergency preparedness.

15 And a couple things that there really
16 stood out for me is that even though there are no
17 credible accident scenarios that can result in an
18 off-site release of radiological material, the
19 counties and everyone else, they have a plan for
20 beyond design basis scenarios, even though it
21 shouldn't happen, they still plan for it. I think
22 that's wonderful.

23 I think another thing that came up was --
24 had to do with the interjurisdictional planning
25 committee that was put together many years ago,

1 while we appreciate it, it could be time to take a
2 look at those that are participating, and maybe
3 open it up to my City of Irvine, maybe Laguna
4 Beach, and of course, the school district as well.
5 We appreciate them reconsidering that.

6 Another thing that came up, we addressed,
7 or it was addressed, to take a look at the seismic
8 activity after the recent earthquake in Julian and
9 saw that there was no damage whatsoever. It was a
10 wonderful discussion with reference to the
11 scratches. I really want to thank Jerry and
12 everybody who is involved in that.

13 Couple things that really stood out for
14 me with that was that the NRC, it sounds like the
15 threshold before a repair is required is
16 10 percent, even with the deepest scratches of
17 0.011 inch, that was less than 2 percent of the
18 thickness. So a difference of 8 percent before he
19 even really needed to take a look at that. I
20 thought that was interesting and helpful to
21 understand.

22 Ron, we want to thank you once again for
23 keeping us to speed on the tritium concentrations.
24 We look forward to the Olympics. I'm out there
25 with the shark lab. We're going out there next

1 week with monitoring the ride off with SONGS to
2 monitor for great white sharks. I'm sure that
3 will be an interest to the organizing committee
4 and to the surfers as well.

5 And also, I really appreciated the
6 opportunity to see the exchange with Energy
7 Secretary Chris Wright, with Congressman Mike
8 Levin and Chuck Fleischmann. I think it's
9 bipartisan support for moving forward in a
10 consent-based process, and I think that was
11 critical. I think that was greatly new for all of
12 us.

13 In terms of new testing coming up for the
14 canisters, we see -- correct me if I'm wrong,
15 Fred -- but the next test is going to be in 2027,
16 and that is going to be -- or an inspection --
17 pardon me -- of the test canister, and then the
18 next inspection after that will be in 2029.

19 I think a lot happened, and those are
20 some of my key takeaways.

21 Fred, did I miss anything there or screw
22 it up?

23 FRED BAILLY: No, not at all. Thanks
24 Dan.

25 CHAIRMAN DAN STETSON: Okay. Let's go on

1 to slide 47. Here's our meeting schedule coming
2 up for the rest of the year. And it's now 8:03,
3 and despite our best efforts to keep the meeting
4 to two hours, it's not going to happen. But we,
5 no matter what, we're going to devote an hour to
6 public comments and questions.

7 Let's move on to the next slide, please,
8 slide number 48. I just want to thank -- remind
9 everyone that there are additional read-only
10 updates and reference materials in the appendix so
11 please take a look. I know most of you are not
12 driving. These are crazy times all around. I
13 want to thank all of you and wish you safety, and
14 thank you all for participating and good night.

15

16 (WHEREUPON THE MEETING WAS ADJOURNED AT
17 8:03 P.M.)

18 (CERTIFICATE OF COURT OFFICER ATTACHED ON
19 FOLLOWING PAGE HEREOF.)

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CERTIFICATE
OF
CERTIFIED SHORTHAND REPORTER

I, the undersigned, Certified Shorthand Reporter of the State of California do hereby certify:

That the foregoing proceedings were taken remotely before me at the time and place therein set forth; 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.

That if the foregoing proceedings were reported stenographically remote from RON PONTES and parties, the transcript of the proceedings reflects the record that I could hear and understand to the best of my ability.

IN WITNESS WHEREOF, I have this date subscribed my name



Certificate Number 12983

0	100pci 61:4 10:30 63:3 114 1:14 12 1:9 2:11 6:2 12,000 17:12 18:22 1200pci 59:22 122.8 56:12 125 85:5 12983 1:13 114:25 13 15:14 14th 47:21 15 14:15 78:25 78:25 79:25 1500 16:25 17:16 19:7 15014 114:24 18 12:4 25:10 34:23 18th 8:10 22:7 19 54:19 80:16 82:25 103:11 104:17,18 105:2,18 107:8 1980 43:12 45:22 1980s 16:24 38:8,19 42:23 1982 20:19 21:7 81:25 1990 23:16 1st 16:12	2	25th 64:4 26 15:13 26th 15:22 28.4 61:9 28th 67:7 2nd 20:8
0.006 61:12 0.008 61:19 0.011 53:15,25 56:8 105:8 111:17 0.012 105:5,15 0.0135g. 49:5,7 0.016 53:20 0.016. 53:19 0.026 52:6 53:19 0.0614 56:9 0.062 54:14 105:13 0.0625 56:7 0.125 54:3,5,7 105:14 0.125. 54:4 0.5. 56:5		2 15:15 16:2 58:9,23 85:19 86:2 111:17 20 14:15 35:8 2005 20:8 2012 75:25 2013 76:1 2015 82:2 2019 52:5 2022 87:13 2024 53:7 60:17 102:4,23 2025 1:9 2:11 6:2,6,19 78:25 79:1,25 101:12 2026 13:14 2027 13:15 22:13 55:16 68:17 112:15 2028 13:3 64:21 65:9,10 66:1 69:3 2029 55:16 112:18 20th 11:15 2144 104:12,14 104:16 21st 12:23 2214 103:22 105:19 23 56:13 23rd 62:6 24/7 27:9 85:13	3
1			3 16:3 20:8,13 20:18 21:7 54:11 3,000pci 59:22 3.4 87:12 3.6 76:14,20 30 70:8 310 17:25 34 74:8
			4
1 1:14 20:20 54:4 79:2 85:18 1,420,000 61:8 1.35 49:5 1.5g 49:6 1/8 54:3 10 38:11,12,17 41:24 54:12 82:25 91:25 92:6 111:16 10.88 38:13 100 18:6 49:6,8			4 16:4 62:11 63:1 4.25. 60:21 400,000 17:18 46:16 45 46:6 45,000 67:21 4611 75:4 47 113:1 48 113:8
			5
			5 11:4 13:14 14:5 16:5 17:7 38:14 57:21 63:4 65:13 75:12

[5,000 - address]

5,000 73:12 5.2 47:22 5/8 54:6 56:6 82:24 50 17:17,19 38:18 46:23 91:24 92:2,5 5:30 2:10 5th 3:10,16,18 6 6 11:2 61:14 75:11 85:9 104:14 60,000 45:23 68 18:8 6:00 62:8 6:30 62:8 7 7.2 77:15 70 18:7 71 5:3 72 52:4 74:9,11 103:10 7426680 1:14 79 13:1 7:00 70:10 7:05 70:10 7th 8:8 12:21 21:21 8 8 17:16 54:4 90:4 111:18 8.4 83:4	80s 36:13 82 24:20 25:10 25:20 83 20:19 8:03 113:2,17 9 9 17:5 22:5 a abby 3:10 ability 53:9,10 68:10 81:6 114:19 able 10:19 20:6 30:13 41:20 44:7 72:8,23 73:22 89:15 95:15 99:21 108:2 abnormal 60:13,15 aboard 14:6 above 18:1,4 54:5 56:12 59:17 abrasive 80:22 abrupt 75:25 absence 25:16 absolutely 38:6 46:20,24 94:14 95:17 accelerated 49:3 76:20 accelerates 48:24,25	acceleration 48:10,13,17,18 48:23,24 49:9 49:21 50:6 acceptable 106:24 access 18:10 28:21,22 63:13 79:6,7 101:14 accident 25:15 76:6 110:17 accommodate 6:11 account 76:19 accuracy 54:19 accurate 114:14 accurately 52:23 achieved 73:16 acres 17:12 18:22 act 23:8 57:4 acting 4:10 9:4 35:6,11 action 7:6 24:21 25:9 27:3,5 28:8 29:11 41:5 43:14 54:16 55:11 92:19,21 96:17 97:3,17 actions 40:19 44:21	activate 41:2 42:15 activated 63:22 activating 39:19 activities 13:4 20:14 41:21 88:22 94:15 109:25 activity 76:17 101:16 111:8 actual 27:3 actually 18:13 25:1 27:5 29:24 31:9,14 31:16 36:14 38:7 41:13,18 44:2 45:6 50:5 53:1,8 55:6 94:6 102:10 106:6 add 18:24 56:19 88:13,18 93:19 96:7 103:20 106:11 added 11:17 23:12 54:3,4,8 82:7 105:14 adding 88:12 additional 113:9 address 10:5,10 22:3 39:16 72:20 73:6 75:21 78:16,20
---	---	---	---

[address - apologize]

78:23 81:25 84:6,15,22 86:9,21 96:1,6 99:22 101:19 103:20 106:15 110:13 addressed 86:10 107:14 111:6,7 addresses 8:7 21:20 96:25 addressing 10:6 adequate 82:16 adjacent 17:9 28:14 adjourned 113:16 adjust 36:10 admire 20:1 admit 103:11 adopt 95:15 advance 10:2,5 72:14 advancing 7:17 advice 100:22 advisor 14:3,18 advocating 13:10 affect 43:10 49:1,1 affected 30:10 afternoon 23:2 63:20	agencies 22:17 27:16 28:9 29:14 35:9 44:24 93:3 94:6 agency 1:3 6:18 9:6 42:10 44:16 45:10 77:6 agenda 7:19 9:22 aging 103:23 ago 7:15 33:24 43:12 59:6 77:23 110:25 agreed 50:23 92:17 agreement 27:15 28:2 36:13 agreements 27:18 ahead 19:25 34:17 35:2,19 47:7 54:23 58:20 68:25 71:4,9 72:20 73:8 78:17 84:22 85:4 86:23 89:4 95:22 aid 12:6 airborne 79:20 79:21 101:16 102:25	aisle 22:3 alarmed 82:23 alcove 19:16 alert 12:8 26:3 26:24 41:3 alice 71:12,14 71:15,16,18,21 71:24 81:15,16 81:18,19 83:7 91:17 align 23:6 allow 10:21 36:8 71:19 allowed 102:13 102:15 allowing 50:3 alpha 87:6 alternate 3:10 3:18 6:10 14:4 alternates 14:1 15:5 ambulance 31:7 89:19 ambulances 89:14 ambulatory 27:23 30:18 89:19 amendment 25:5 92:11 american 54:10 amount 41:19 43:10 anaheim 45:10	analyses 97:11 97:12 analysis 44:17 53:3 60:16 87:13 97:10,14 98:21 106:22 analyzed 87:10 106:23 anderson 3:7 4:9 8:24 11:13 34:8,16,18 35:17 38:2,6 38:23 41:13 42:7,22 43:13 43:21 46:20 71:19 93:19 94:25 109:11 annoys 48:13 annual 60:3,4 61:13,14 answer 61:15 80:15 87:23,25 95:19 97:21 99:16 answered 79:13 anybody 45:23 96:1 anymore 33:15 65:11 91:6,20 94:10 96:15 anyway 23:10 81:21 83:24 apologize 34:11 41:7 99:6
--	---	---	--

[appendix - bailly]

appendix 6:23 7:5 113:10 applied 76:2 applies 91:14 96:13 apply 25:12 96:10 appreciate 80:7 80:9 109:18 111:1,5 appreciated 22:1 77:25 100:23 112:5 appreciation 7:12 66:11 appropriate 79:16 99:11 appropriations 8:8 21:21 approval 25:6 92:15 approved 44:6 53:9 april 16:12 20:8 44:23 47:21 62:6 area 24:9 26:4 28:22 30:9 32:13 41:4 43:11 48:20 54:15 58:14 60:15 65:6 74:10 76:13,24 79:10 90:1,17 90:17 93:5	96:9,13 98:13 101:14 102:8,9 102:12,21 areas 29:13 51:18,20 57:13 63:23 79:6,7 102:3,6,15,16 102:25 areva 56:6 argue 56:18 arm 98:3 array 25:10 92:20 arrive 31:1 arrived 62:24 89:14 asked 102:6 103:21 106:13 106:14,22 asking 109:17 asme 54:10 asphalt 64:3 assertion 76:5 assess 30:9 assessment 30:7 44:15 assessments 44:3 assigned 83:22 assignment 1:14 associate 37:11 associated 25:13 42:2 73:4 92:15	100:9 assume 87:24 106:21 assuming 87:16 atlas 22:11,13 atmosphere 60:8 attached 113:18 attendance 100:10 attended 100:11 attendees 3:1 attention 22:22 34:8 66:8,21 110:13 attracted 19:17 audience 47:4 audio 10:25 august 57:10 67:23 authority 42:11 46:2 authorized 102:4 automatic 93:18 available 11:18 13:4 67:21 69:10 72:1 74:2 75:2,4 78:13 81:12 average 61:1	avila 17:16 aware 22:6 62:6
b			
babiarz 8:16 75:2,6,9,16,19 back 6:12 13:12,15 23:24 30:11 32:12 36:12 37:25 38:7,18 42:23 43:23 44:14 49:23 51:25 53:4 54:17 57:10 59:7,18 63:6,18 65:14 67:2 70:8 71:24 78:10,15 80:21 81:10 83:7 88:7 91:17 92:23 94:4 96:3 99:14 100:8,13 100:19 102:3 102:22 108:11 110:8 backup 67:20 bad 52:16 85:23 97:14,17 bags 85:16,17 86:16 bailly 4:2 7:21 11:10 109:10 112:23			

[band - california]

band 3:5 barges 18:11 barriers 98:15 based 15:10 16:1 18:16 59:20 76:22 112:10 basements 68:5 68:8 basic 39:1 basically 19:24 24:22 29:9,18 31:14,16 89:12 89:17,22 100:11,25 basis 36:4,17 38:20 49:6 60:3 95:2 96:18 98:25 110:20 batch 6:25 61:6 61:11,23 65:17 67:13,14 bath 89:23 beach 13:13 17:8,8,16,23 28:13 46:18 63:2,5,8,10,13 69:5 83:20 111:4 beaches 66:16 beautiful 66:12 bed 31:13 89:22,23	beginning 62:1 71:8 believe 15:13 55:25 57:10 58:22 benefits 73:19 best 13:22 16:3 21:9 75:22 94:22 95:16 106:8 113:3 114:19 beta 87:6 better 19:4 84:10,11 91:10 beyond 26:19 32:21 36:3 46:9 90:16 95:1 98:24 110:20 big 7:22 11:7 11:11 15:18 33:16 35:13 42:4 64:24 65:12 67:1 77:9 83:22 91:23 bikes 91:6 bipartisan 112:9 bit 24:18 46:17 47:16 51:5 56:9,17 58:11 67:19 74:21 88:14 92:23 96:12 98:19	bloody 31:15 blowing 83:21 blows 97:24 blue 31:13 board 3:9 42:18 body 12:9 36:20 82:8 bomb 97:23 98:22 99:1 bottom 27:20 57:16 60:25 87:21 91:16,18 boundary 26:19 61:2,4 61:17 90:2,17 breach 28:21 33:9,13 90:8 breached 98:10 break 9:15 64:15 70:7 71:5 77:16 brief 16:9 bright 53:22 54:24,25 bring 19:10,10 21:14 bringing 19:9 19:12,13 64:9 101:8 110:12 broadly 30:10 broken 80:13 106:21,22 brought 16:23 64:13	brown 3:15 build 74:5 building 15:25 15:25 36:8 48:1 59:1 buildings 16:24 built 80:17 96:18 bullet 28:25 bullets 60:24 burn 12:6,9 burnup 8:11 22:8 byproduct 92:3
			c
			cabral 3:4 9:17 41:10,22 42:3 43:20 45:17,19 47:2 67:5,14 67:17 68:19 84:11 86:12 95:20,23 97:19 99:11 101:10 103:3 107:10 108:19,22 cal 94:12 calculate 60:19 60:23 california 2:3 4:1 16:22 27:24 28:14 30:3 37:18 40:5 48:7 64:18 65:24 77:12 87:12

[california - certified]

90:15 93:9 114:6 california's 17:5 call 19:9 40:12 40:20,21,24 69:19 89:10 93:3 called 8:11 22:8 23:17 24:21 39:10 48:9 49:13 55:19 58:22 60:4,13 75:3 96:24 102:8,11 calling 10:25 camargo 8:2 71:17 72:11,25 73:2 100:7 101:18 camera 50:25 52:10 53:8 camp 3:12 27:14,21,25 28:14 30:16,17 37:17 candidate 104:18 canister 22:14 26:16 28:20 50:20 52:4 53:17 55:14,15 55:17 66:8 74:9,11 80:15 83:19 85:20	90:8 98:11 103:10,11 104:9,10,17,18 104:25 105:2 105:18 106:4 107:8 112:17 canisters 18:4,8 50:5,5 51:10 51:14 54:6 55:3,13 56:5 66:6 74:1 80:13 82:24 83:21 85:21 86:18 87:22 88:4 104:1,5 104:15,24 105:20 106:19 112:14 canyon 8:1 16:8,12,19 17:4,11,19,23 17:25 18:4,10 18:15,21 19:20 33:8 95:13 canyon's 17:20 canyons 52:14 capabilities 82:16 capability 72:19 capacities 23:21 capacity 23:20 capistrano 3:8 3:13 42:19	capo 41:20 captain 3:5 captured 77:7 84:18 car 49:2 card 54:2 55:11 105:10 care 42:10 44:16 45:9 52:22 carefully 43:7 carey 4:6 8:21 22:23 23:2,10 33:18 34:4 77:19 86:23 88:18 91:1,22 96:2,5 98:2 carolina 93:14 case 10:22 29:19,24 30:19 31:5 37:22 44:9 75:21,22 88:25 89:2 94:21,22,24 96:19 97:15 98:10 cask 22:9 casks 18:3 cast 8:12 catchment 62:17 category 60:13 cattle 17:13 cause 49:11 51:13 87:22	caused 51:9,18 97:2 cell 91:7 center 28:5 39:20 43:1 44:15 centers 27:2 44:20 cep 1:1 3:2,3 6:8,19 7:9,24 8:25 9:17,17 9:19 10:13,13 10:18,22,25 11:3 13:25 14:1 15:5,20 15:23 18:16 20:10 33:3 45:14 47:4 56:23 64:25 68:24 69:9 70:4 71:7 72:8 74:3 78:10 99:23 100:12 100:15,22 101:5 108:25 109:21,23 certainly 49:10 75:7 101:6 certificate 113:18 114:1 114:25 certification 22:11 certified 114:3 114:5
--	---	---	--

[certify - collaborative]

certify 114:7 ceseaded 92:13 cetera 35:1 chair 3:11,17 6:8 9:17 86:8 chairman 3:2,4 6:5 13:17 14:9 14:22 19:2 21:11,24 33:2 33:6 34:5,14 37:24 38:3,22 41:8 45:13,18 46:13,25 47:3 50:13,17 55:23 56:21 67:3,10 68:21 71:3,21 72:3,10,13 74:19,25 75:5 75:7,15,17 77:24 78:6,16 79:14 80:4,8 80:19 81:7,13 81:17 83:6,16 84:3,10,14,21 84:25 86:4 99:16,17 101:2 108:18,20,23 110:9 112:25 challenge 88:24 109:18 challenged 7:11 challenging 94:8	chance 66:25 81:8 85:3 97:6 change 10:19 25:7 92:20 changed 25:5 46:1 94:2 changes 6:19 92:12,19 changing 12:2 92:10 characteristics 76:22 characterize 60:25 characterized 105:8 chart 57:24 58:7 chartered 77:7 check 7:1 81:21 checked 86:2 checking 85:22 chernobyl 85:12 chief 4:2 7:21 children 31:18 chime 72:25 choose 105:20 chose 104:23 chris 8:7 21:19 112:7 chuck 112:8 circle 21:9 83:7 cis 15:12	ciscc 104:6 cities 35:24 39:8 40:6 citizen 46:14 citizens 73:12 city 3:4,13 28:5 29:6,10 38:4 38:24 72:17 93:23 111:3 civilians 85:15 clarify 67:11 class 26:23 classification 24:23,24 25:19 25:22,23 26:2 26:9,15 76:12 76:14,24 83:23 94:23 96:8,16 classifications 27:12 classify 30:13 clean 68:11 88:6 91:11 cleaned 63:17 64:1,3,8 68:2 108:13 cleaning 59:8 cleanup 63:23 63:23 65:15 clear 13:10 73:11 clearances 33:23 clearing 22:19	clearly 20:20 clemente 3:4 39:25 clever 50:3 click 81:9 clip 8:6 21:18 21:22 74:22 clock 75:18 close 11:1 77:19 106:7 closed 10:21 closely 64:10 closing 109:9 closure 9:11 75:25 clothes 91:10 coalition 3:11 3:16 6:25 15:10 coastal 55:20 65:24 coastkeeper 3:15 coastline 16:22 cocooning 89:11 code 36:15 54:9 56:19 105:13 cold 104:9 coldest 103:22 104:5,11 collaborative 37:20 39:11 73:22
---	---	--	---

collage 29:18 collect 59:2 68:5 collected 32:8 32:11 63:16 collectively 15:19 come 24:14 33:13,25 50:12 51:25 53:4 56:19 71:23 73:18 78:12 81:10 94:5 95:7 99:21 comes 21:8 27:23 42:8 97:22 comfortable 103:16 coming 13:15 22:7 47:6 57:20 64:19 66:24 67:25 73:11 112:13 113:1 commencing 2:10 comment 5:1 7:3 9:16,25 10:12,13,14 47:6 69:9,25 71:1 73:6 84:1 84:13,17,20 108:3	comments 9:20 9:22 10:2,3,8 10:12 15:2 18:25 33:4 34:6 69:8,8 70:1,4 72:21 73:5,6 74:16 78:18 79:17 80:9 84:5,15 84:23 86:9 101:5 109:2,9 113:6 commercial 82:18 commission 25:7 38:9 55:20 60:20 65:24 committed 12:12 committee 8:8 21:21 36:16,17 110:25 112:3 common 77:2 communities 15:18,24 77:5 109:24 community 2:2 3:1,12 6:7 7:23 13:24 15:19 16:3 18:14,17 18:20 32:18 64:20,24 66:24 76:4	commute 100:24 compacted 64:1 company 63:21 105:23,24 compare 16:17 61:6,13 compared 61:22 competency 16:2 competition 64:21 65:4 67:8,9 competitions 69:4 complete 13:1 45:1 74:16 108:11,15 completed 64:4 65:15 completion 69:3 complex 15:18 component 100:15 106:24 compressive 55:6 compromise 97:3 computer 100:25 computers 91:7	concentration 61:1 concentrations 111:23 concept 91:14 92:2 96:6 concepts 39:5 concern 18:22 34:3 103:8 105:16 106:25 107:4 concerned 73:12 98:11 concerning 79:12 concerns 16:5,6 concludes 97:14 conclusion 79:17 concrete 18:7 concurrence 37:13 condition 51:7 76:7 88:8 conditions 12:2 30:7,9 conduct 44:3 44:12 conduits 65:19 conference 40:21,24 confident 18:17 53:13
--	---	--	--

confidential 105:24 configuration 25:11 confirm 99:7 confluence 76:17 congressman 112:7 connect 7:6 11:22 connected 107:24 consent 112:10 consequence 60:17 61:21,24 consequences 60:16 61:5 76:19 conservative 24:7 52:21 54:20 96:17 consider 73:24 74:17 77:10 considered 42:24 47:23 104:22 considering 76:10 consolidated 15:11 consortia 7:25 15:9,16 constructively 15:17	consultation 100:16 contact 51:13 contained 58:25 60:11,14 containers 18:3 containment 16:24 20:8,13 20:18 contaminated 28:2,3 30:24 32:8,11 63:25 88:21 89:7,13 90:13 contamination 26:18 28:24 31:6 32:14 86:25 87:1,4 88:17 89:18 90:2,6,7,8,16 90:20 91:2 98:9 contents 83:21 97:25 contingency 68:10 continue 13:7,9 58:17 61:25 66:3 68:9 93:22 105:19 109:23 continued 15:6 23:25 58:7 continues 24:3 50:9 82:3	continuously 66:5 contractor 62:9 contrast 16:18 contributor 35:15 control 28:21 28:23 30:23 32:14 40:12,15 79:20,20 90:2 90:19 101:15 102:2 controlled 62:17 88:5 90:17 controlling 102:24 controls 66:17 conversations 18:16 cool 14:12 88:5 88:11 coolant 96:14 cooling 16:23 coordinate 32:4 39:22 72:15 coordinated 37:7 40:9 42:9 coordinates 82:10 coordination 28:15 35:22 36:20	coordinator 8:22 20:11 23:11 corps 40:7 108:9 correct 56:11 100:5 102:17 112:14 correlation 55:5 corroded 86:1 corrosion 51:17 55:1,4,7 74:13,14 103:8 104:6,7 105:17 corrosive 104:4 council 3:14 72:18 countdown 69:21 counties 30:1 35:24 40:6 110:19 country 25:3 55:2 county 2:3 3:7 3:10,15,16,18 4:11 8:18 9:1,5 14:3 27:24 29:3,9 34:21 35:6,10 38:24 39:23,24 40:11 41:12,15 42:12 46:2 82:9 93:22 109:11
---	--	---	--

[county - decontaminated]

109:12 county's 14:5 34:19 couple 75:13 78:14 82:22 110:15 111:13 course 19:18 88:22 111:4 court 113:18 cover 7:22 9:9 coverage 85:13 covered 54:18 54:21 covid 34:25 78:13 crack 96:2 cracking 104:7 104:7 crawler 18:2 crazy 113:12 creates 51:12 creating 31:20 credible 76:6 110:17 credit 54:1 55:10 105:10 crews 32:1 criteria 94:7 critical 37:18 96:7 112:11 critique 94:6 crossing 61:16 csr 1:13 cues 65:11	culture 24:8,15 curies 61:9,16 61:19 curiosity 34:3 current 25:11 47:9 100:13 107:22 109:13 currently 18:7 28:1 34:19 35:6 107:25 cut 80:16 cuts 80:22 103:7	68:21 71:3,21 72:3,10,13 74:19,25 75:5 75:7,9,15,16,17 77:24 78:6,16 79:14 80:4,8 80:19 81:7,13 81:17 83:6,16 84:3,10,14,21 84:25 86:4 99:17 101:2 108:18,20,23 109:10 110:8,9 112:24,25 danger 43:2,3 daniel 3:12 darrin 43:6 daryl 81:11,13 83:11,12 85:2 85:3,6,8 86:14 data 44:18 52:7 52:16 53:11 100:9 date 67:5,24 109:24 114:20 dates 9:13 38:7 davis 3:8 42:17 42:18 43:5,19 day 80:7 94:4 days 85:25 de 25:4 76:7 deal 33:16 73:13,21 83:22 89:9 90:12,13	dealt 59:13 93:1 decade 77:22 december 67:7 decent 20:2 decide 40:25 43:2 44:20 52:17 decided 62:25 63:1 105:18 decision 40:21 44:20 53:1 decisionmakers 42:14 decisionmaki... 24:8 42:8 decisions 15:19 29:11 73:16 deck 13:4 67:21 71:13 78:2 decommissio... 2:1 4:2 13:2 15:7 16:8 18:21 20:7,11 20:24 62:22 68:6,8 78:24 79:24 95:13 101:24 107:20 109:25 110:3 decontaminate 30:25 32:5 88:25 89:15 decontaminat... 89:4,24
	d		
	da 20:9 dad 91:4 damage 26:16 47:24 48:2,17 49:11 50:7,11 73:25 98:8 111:9 damaged 49:19 dan 3:2 6:5,7 11:10 13:13,16 13:17 14:9,22 18:24 19:2 21:11,24 33:2 33:6 34:5,14 37:24 38:3,22 41:8 45:13,18 46:13,25 47:3 47:19 50:13,17 55:23 56:21 57:2 64:15 67:2,3,10		

[decontamination - discuss]

decontaminat... 32:9 83:2 90:24 decorating 31:18 dedicate 9:15 dedicated 7:3 21:1 32:19 69:24 dedication 20:16 deemed 29:11 deep 52:6 53:15 53:20 54:2,14 96:6 deeper 73:25 deepest 52:3,20 52:21,25 53:14 53:16,18 56:7 56:11 105:7 106:7,9,9 111:16 deeply 77:25 defect 54:11 defend 33:11 defense 108:12 define 24:3 defined 24:22 defines 24:3 definitely 34:24 43:18 46:21 definition 102:9,11 defuel 92:12	delivered 62:10 63:21 delivery 107:24 demonstrates 77:4 demonstrating 16:2 demonstration 22:17 denise 1:13 deny 99:8 department 3:7 8:6 9:2 12:14 21:20 23:17 34:21 41:16,17 42:10 depending 59:23 deploy 45:1 depth 51:20 53:10 88:18 103:14 105:10 describe 29:8 described 76:23 96:1 describes 39:7 88:20 describing 33:25 design 18:6 24:8 36:4,7 49:6 54:5,7 95:2 96:18 98:25 106:20 110:20	designated 24:20 32:1 designed 50:2 59:2 87:5 desmond 3:16 3:18 14:5,14 despite 113:3 detected 28:24 detection 58:18 62:2 determined 28:11 102:21 develop 39:3 developed 22:12 75:21 device 83:20 devote 113:5 diablo 8:1 16:8 16:12,18 17:4 17:11,19,20,23 17:25 18:3,10 18:14,21 19:20 23:8 33:8 95:12 dialog 9:19 11:5 70:2 diego 3:16,18 4:11 9:5 14:3,5 29:3 30:2 35:7 35:10 39:8,23 82:8 109:12 difference 74:6 111:18 differences 17:2	different 7:9 35:24 37:12 44:24 60:6 62:5 74:10 97:13 102:8 103:10 104:2 107:13 difficulty 84:4 direct 29:9 60:9 79:15 directed 26:23 direction 58:8 59:24 114:13 directions 9:24 directive 24:4 directly 90:14 93:13 director 3:7 4:9 4:10 8:25 9:4 28:12,17 29:23 30:8,12,12 35:6 dirt 87:1 disasters 40:13 discharge 68:9 discharged 59:9 discharges 59:8 60:9 discolored 51:20 discretion 29:16 discuss 98:20
--	--	---	---

[discussed - emergency]

discussed 32:22 45:8 89:21 discussion 22:15 91:23 99:1 111:10 dismantlement 6:25 12:16 69:2 dispatched 30:8 63:15 displayed 69:18 distance 53:23 98:15 distributed 15:13 district 3:9,10 3:16,18 14:5 45:24 111:4 districts 41:11 ditto 110:11 divided 15:13 division 4:9 9:1 doctor 32:1 doe 8:10 15:9 22:7,12,13,16 dogs 77:20 doing 10:4 12:3 37:22 40:8 44:17 45:7 52:22 68:6 77:16,18 100:7 dome 16:24 99:4,5	domes 13:13 65:10 dose 44:15 60:17,23 61:5 61:12,13,14,21 dot 52:9 double 7:8 downward 58:3,8 59:24 draft 7:14 drained 63:15 drains 63:12 dramatically 46:1 dream 80:1 drill 29:19 30:17,23 33:8 44:23 88:20,24 90:6 98:4 drills 27:10,11 27:17 31:22 33:17 89:2 98:24 drinking 57:14 driver 62:24 63:17 driving 113:12 drop 58:18 62:1 dry 18:3 25:14 due 58:14 61:16 dug 63:25 dust 87:2	e e 10:8 91:6 eal 25:9 eals 25:12 earlier 16:9 25:20 72:15 91:24 96:24 early 62:7 63:19 earthquake 39:2 47:22,24 47:25 48:15,19 48:19,23 49:13 49:24 50:12 77:15 111:8 earthquakes 95:25 96:21,25 97:12 easier 10:5 easily 11:22 49:22 east 49:23 easterly 57:18 eastern 6:12 echo 84:2 edge 17:21 edison 4:1 37:18 40:5 75:22 76:1,4 77:12 95:6 edison's 44:5 76:16 77:3 education 41:17,17	effective 37:8 86:16 90:19 effects 82:17 efficiency 100:23 efficient 73:14 effluent 17:20 60:4 effort 82:11 88:2 efforts 15:11 28:22 35:15 107:20 113:3 either 38:9 50:8 81:6 99:7 elect 29:14 elected 18:15 electricity 17:6 electronic 29:25 elise 79:1,4 embedded 34:21 emergency 1:2 3:7 4:6,9,10 6:18 8:17,19 8:21,22,25 9:4 22:16,23 23:11 23:13,20 24:4 24:18,20,20,21 24:22,24,25 25:2,4,8,9,18 25:21 26:2,4,4 26:8,13,23 27:9,12,18,22
--	--	--	---

[emergency - exactly]

28:12,17 29:2 29:7,22,23 30:3,8,11,12 31:10 32:19,23 34:19,20,22 35:7,8,21 36:11 38:10,20 38:25,25 39:19 43:1 44:19 47:9,11 75:20 76:2,12,13,23 76:24 77:12 81:23,25 82:1 82:13 89:20 90:7 91:25 92:6,8,10,16,17 92:19,21,24,24 93:9 94:20 96:5,8,10,13,16 96:17,21 97:2 97:3,16 109:13 110:14 emissions 60:8 employ 28:1 employed 16:25 employee 13:20 24:12 emt 30:18 emts 30:25 31:7 encourage 74:21 ended 65:18 91:18	endowment 3:2 energy 12:14 21:5,20 48:15 48:18,20 112:6 energy's 8:6 enforcement 27:23 93:6 engage 15:17 engagement 2:2 3:1 6:7 12:17 16:8 18:14 engagements 109:21 engaging 15:24 engineer 20:2,3 20:5 engineering 4:4 9:8 54:11 engineers 50:2 66:5 english 16:17 enlightening 21:25 ensure 27:15 36:21 77:2 82:15 enter 29:21 102:14 entered 26:12 entertain 100:21 entire 22:19 98:7	entrance 63:2,8 63:24 entry 102:2,15 environment 66:14 73:17 104:4,8,8 environmental 4:5 9:12,13 12:17 57:1 63:22 66:17 environments 104:3 ep 24:10 epicenter 47:24 epz 38:10 92:16 equal 20:25 equip 37:4 44:10 equipment 12:11 59:1 equipping 93:24 95:5 ero 23:21 especially 36:22 essentially 36:20 38:13 established 37:21 38:8,19 41:6 46:3 94:11 esteemed 23:14 86:8 et 35:1	evacuate 28:16 evacuation 28:13 evaluate 54:14 83:25 evaluated 106:5 evaluation 54:16 102:18 105:4 eve 79:1 evening 6:9 8:4 35:21 77:23 event 16:10 26:1,8,24 28:12,20 30:14 62:7 64:25 67:1 90:6,7 92:4 93:1,4 102:3 events 12:19 27:17 28:18 59:4,16 65:3 68:4 97:13 eventually 59:12 73:18 everybody 14:13 64:25 87:23 98:1 111:12 evidence 54:25 55:3 74:1 exact 67:24 exactly 48:10 60:22 84:19
--	---	--	--

[exactly - first]

101:3 example 16:16 28:10,18 36:6 39:15 40:3,10 41:5 45:3,9 86:15 93:4 excellent 19:4 21:3 57:5 except 17:14 52:19 exception 100:15 exchange 19:11 112:6 excuse 61:18 executable 82:12 execution 88:10 exemptions 76:3 77:6,13 94:18 exercise 44:10 45:2 82:14 94:5 exercises 44:12 94:4 95:5,9 exercising 36:23 exist 82:16 104:9,9 exists 68:15 expect 74:14 90:9	expected 46:16 47:25 51:8 experience 12:22 105:16 experienced 49:24 explain 67:19 explaining 109:13 explanation 20:13 56:1 exploding 98:23 explore 100:7 100:19 explosion 98:5 explosive 83:20 exposed 104:2 104:3 express 7:11 extra 54:7 105:14 extraction 59:25 extraordinary 19:14 eyes 74:7	facility 26:10 49:15 87:7 98:16 107:21 107:22,23 fact 49:23 55:1 65:3 86:14 92:9 100:10 factors 76:10 facts 109:20 110:2 failed 77:5 failure 77:21 79:19,20 96:13 101:15 fall 26:15 48:1 familiar 45:5 103:1 far 43:9 54:15 96:20 fashion 40:9 41:1 58:4 fbi 27:25 feature 106:18 features 87:19 98:22 federal 15:11 22:17 56:4 93:12,13 feed 30:11 feedback 15:24 feeds 97:15 feel 15:1 50:5 91:9 110:6 feeling 19:1 46:18	feet 17:25 felt 49:10,12 fema 82:10,10 82:19 91:20 92:9,15,22 93:11,12,18 94:3,5,12 fence 97:23 field 23:19 45:1 figure 48:16 fill 59:17,17 62:20 filling 35:16 final 65:21 89:21 107:2 finally 9:10 26:4 66:11 find 60:16 finish 78:18 95:20 finished 84:23 fire 27:13 36:5 36:7 42:11 45:10 46:2 49:16 firefighting 27:21 36:9 fires 96:25 first 12:6 17:4 22:2 23:3 26:7 26:16 36:13 37:4 38:7 42:20 44:8,23 50:21 56:1 57:8 61:1,6
	f		
	facetious 99:6 facilitate 9:18 11:5 70:1 facilitating 108:24 facilities 15:12		

[first - general]

71:10,12 76:11 77:22 78:9 80:17 82:4 92:20 93:2 95:21 96:5 98:2,6 99:15 104:20 106:19 108:1,6 fit 51:10 five 8:17 55:14 66:6 70:7 85:9 85:21 86:1,20 87:25 fix 80:14 fixed 80:14 flag 52:24 fleischmann 112:8 flings 83:20 flood 39:3 87:21 floor 23:1 flow 57:17 flowing 57:23 flows 58:15 focus 8:14 20:19 21:9 27:11 35:20 50:24 focused 12:15 15:17 26:19 108:13 foley 3:10 folks 7:6 10:11 21:15 22:6	100:11,22 follow 23:8 32:20 50:22 55:12 57:5 60:19 90:3 97:4 103:12,24 104:16 110:4 followed 16:16 26:3 79:3 following 9:14 76:10 113:19 force 21:2 25:17 48:24 90:10 98:9 forces 50:4 foregoing 114:8,13,15 form 10:13 29:25 69:9 71:7 formally 25:5 formed 36:13 52:13,14 81:25 forth 96:21 114:10 fortunate 20:6 fortunately 63:9 forum 8:13 forward 11:23 12:25 39:15 44:19 65:9 95:13 111:24 112:9	found 10:10 49:5,24 50:11 51:7,15 55:3 62:14 105:5 106:24 foundation 11:25 four 25:21,23 25:25,25 26:7 53:25 55:9 105:9 106:19 fraction 61:20 frame 67:24 fred 4:2 7:21 9:22 11:7,10 13:17 109:8,10 110:10 112:15 112:21,23 free 15:1 110:6 freeway 38:14 38:14 57:21 65:13 fresh 88:6,12 friday 64:5 friendly 21:2 fuel 3:11,16 4:3 6:24 12:13,15 13:7,11 18:8,9 18:11,12,19 19:10,12 22:13 22:14,20 25:13 26:16 50:9 65:25 66:4,9 67:6,11 68:1 76:7 92:7,14	108:14 fuelled 25:4 fukushima 85:12 92:2 full 21:8 87:16 102:18 fully 89:3,15 functional 39:5 funded 15:9 funding 41:19 further 31:8 89:23 95:18 114:13 future 18:22 66:20 68:5,13 95:12
g			
g 49:5 gallons 61:8 67:21 gamma 87:5 garry 3:15 gary 50:23,23 71:13,23 72:1 72:1,2,5,13,22 73:2,7 74:19 74:20,25 103:4 103:18 104:13 gary's 103:7 107:7 gaseous 60:8 general 5:1 24:5 26:4 27:21 33:19			

[generally - guys]

generally 47:23 57:18 58:5 generating 76:1 generation 7:20 geological 48:6 getting 86:25 108:13 give 19:21 23:9 39:14 48:20 56:25 66:20 67:22 83:8 85:2 93:9 97:6 given 48:19 67:6 giving 13:18 glaciers 52:14 glad 82:7 go 7:18 11:11 19:8,25 23:25 26:18 30:8 31:3 32:24 34:16 35:2,19 35:19 37:25 44:2,11,12,24 45:18 46:16 47:7 49:12,14 51:24 54:17,22 58:13 59:7 62:4 64:15 68:25 71:3,9 72:20 73:5,8 78:10,17 84:21 85:3 86:12,20	86:23 88:2 89:4,4 95:22 99:1 100:13 102:7 103:19 104:14 107:2 110:1 112:25 goal 73:13 goals 37:1 god 50:1 goes 31:23 32:22 35:22 43:23 58:4,4,4 58:5 80:21 91:13 going 6:21 8:20 9:21 11:22 13:6 14:14 19:9,24 23:9 25:25 29:1 30:15 39:13,18 39:20,21 41:1 41:14 47:7,15 49:10 51:23 52:17 55:12 56:24 59:9 62:5 63:10 64:20 65:4,10 65:11,15,20,25 66:1,8 68:8 70:5,6 71:10 74:12 75:1 78:1,10,13,15 79:11 80:10,14 80:24 81:10,14 81:15 83:4,7,8	85:2,25 86:1,7 86:19 88:13 89:4 90:11 95:18 97:9,20 97:25 98:6 99:10,13 100:19 103:6 111:25 112:15 112:16 113:4,5 good 8:19 14:12 23:2,7 32:21 34:4,12 43:17 51:7 64:6,16 72:5 75:5 77:23 78:21 81:18 83:16 88:3,7 96:11 113:14 google 104:13 gouge 74:12 gouges 103:14 government 39:18 40:23 governments 82:12 graded 65:23 grades 94:3 grading 65:21 65:22 graphic 57:16 57:25 grazing 17:13 great 11:13 14:23 19:17,18 57:3,6 64:18	78:8 112:2 greatly 22:1 112:11 ground 18:4 48:23 groundwater 57:9,12,17 58:2 59:18 61:17 68:7 group 4:11 9:6 46:5,11 107:23 groups 15:14 41:23 42:2 46:7 grown 46:17 guard 68:3 guess 72:23 74:20 86:12 guest 4:8 6:11 10:20 11:12 guidance 60:20 82:14 103:24 104:16 105:19 guide 11:17 21:3 60:21 guiding 11:24 gurney 30:20 guy 98:3 guys 14:19 52:22 57:6 75:9 90:25 99:4
---	--	---	---

[hairs - hospital]

h	harbor 17:23	hearing 8:8	highlighted
hairs 54:1	hard 109:19	62:3 83:9	22:10
55:10 105:9	harry's 97:21	heat 88:3	highlights 8:1
half 54:7 55:15	harvey 80:24	heck 79:9	37:2
56:4,10 66:7	80:25,25 81:2	held 59:13 69:4	highway 13:14
85:23	81:4,7 83:8,9,9	hello 75:6 78:5	27:24
hallmark 24:2	83:13,14,15,18	78:5,5,6,6,7	hill 18:3
halloween	84:4,7,12,19,24	83:15	hills 57:22
31:17,19	85:1	help 7:6,10,12	history 21:4
hand 10:15,23	hazard 39:6	11:21 19:11	24:19
11:3 15:3	hazards 25:12	21:15 38:5	hit 75:10,12
38:24 41:7	39:5 40:13	42:21 71:16,18	86:18
45:12 71:14	he'll 14:15	71:25 74:4	hold 73:1
78:4 80:25	head 18:12	80:7 82:14	holtec 9:10
81:2,20 83:10	headrick 50:23	100:3	18:4 50:20
handled 59:11	72:1,2,5,22	helpful 56:1,22	56:6 80:13
hands 69:12	73:7 74:20	111:20	87:15 104:19
hangar 36:5	103:5	helping 47:8	106:18,22
hanging 86:5	health 24:1,6	helps 31:19	home 91:9
happen 28:23	24:12 29:12	hereof 113:19	hon 3:4,13,16
32:15 33:14	31:2 36:14,21	herft 1:13	3:18
36:24 78:13	42:10,12 44:16	hey 63:5 73:2	honestly 43:15
79:10 110:21	45:9 77:3	89:2	hope 11:21
113:4	hear 8:24 14:8	hi 35:4 75:9	12:21 77:17
happened 37:5	14:10,13 71:22	high 8:11 16:16	95:12
59:6 62:18	72:2,3 75:6	18:5 20:21	hoped 73:8
63:19 79:22,22	78:3,7 80:15	22:8 33:23	hopefully 22:1
80:16 87:11	81:9,16,17	45:25 76:22	37:7
93:7 112:19	83:15 84:8	79:6,7,10	horizontal
happens 48:8	85:6,7,8 95:19	87:14,15,24	49:25 50:2
48:21 85:22	97:21 114:18	101:14 102:2,5	horrible 50:1
87:16	heard 8:18	102:8,12,15,16	hospital 28:4
happy 64:23	40:11 66:2	102:21	31:3,9,10,12,13
66:24 99:17	80:18	highlight 35:25	31:23,24,25
		37:16 40:18	32:2 89:8,8,20

[hospitals - inland]

hospitals 27:15 28:4 host 64:24 67:1 95:10 hostile 27:3,5 93:4 hot 104:10 hotline 41:2 hour 6:20 7:3 9:15 69:24 113:5 hours 6:21 113:4 house 8:7 21:20 49:2 how's 96:3 huge 49:20 74:12 human 54:1 55:9 105:9 hunter 3:18 14:2,6,7,12,17 14:23 hurricane 93:14 hybrid 100:14 100:20 hydrogeology 58:14	identified 58:10 identifies 32:18 identify 10:17 illustrate 74:8 images 74:10 74:15 immediate 73:13 immediately 17:9 62:15 75:24 immense 83:1 impact 63:11 64:8 impedes 55:7 impending 18:21 implement 24:18 importance 15:24 important 8:10 22:4,18 23:5 29:5 32:17 40:17 43:22 47:12 57:14 74:18 109:17 improved 53:10,12 improvements 11:21 inch 53:24 54:4 54:4,6,7 56:5,6 56:10 82:24	111:17 inches 56:7,8 82:25 incident 12:4 13:19 35:23 40:22 43:25 incidents 36:4 82:18 95:2 101:17 include 6:20 18:15 22:15 100:14 included 28:19 41:25 45:21,22 53:1,2 54:20 including 7:5 8:20 21:6 independent 4:3 29:15 44:17 indians 3:6 indicates 26:9 26:24 indication 26:24 48:10 58:1 individual 30:20 31:3,7 31:15,21 69:17 72:23 102:4 individuals 7:9 28:16 69:17 99:20 industrial 12:1	industry 21:10 25:1 77:7 89:11 92:1 102:1 104:12 105:16 influencing 73:15 influx 68:4 info 28:16 inform 42:14 information 8:9 22:24 30:11,13 32:21 44:14 46:11 67:20 73:9,10 92:3 103:17 109:20 informed 20:3 20:4 43:3 62:9 ingrained 24:15 initial 30:6 43:8 initially 58:10 initiating 55:4 initiation 105:17 injured 28:3 32:5 88:21 89:7,13 injuries 12:9 injury 12:5 13:21 88:15 inland 18:1
i			
icon 10:16,23 icp 35:15 idaho 22:15 idea 38:8 39:17 43:17,24			

[inside - joined]

inside 93:5 insights 51:2 inspect 103:14 104:23 105:18 inspected 49:16 49:17,18 52:3 55:3 inspecting 66:6 inspection 9:10 49:15 50:20,25 52:5 55:13,15 55:19 74:2 88:2 104:19,22 112:16,18 inspections 50:10,24 installation 4:4 instance 102:24 instructions 11:18 75:11 intake 17:20,24 integrated 41:12 intentionally 59:12 interaction 99:14 interactivity 78:12 interest 112:3 interested 46:23 interesting 99:4 109:5 111:20	interests 16:3 interim 15:11 interjurisdicti... 36:16 39:10 40:1 110:24 internal 106:18 internet 85:13 interrupted 63:14 interstate 17:7 introduce 34:17 35:2 introduction 11:6 intrusion 68:7 inundation 76:16 invite 14:21 95:9 invited 15:20 16:11 inviting 77:19 involved 39:17 46:19 111:12 involvement 12:18 92:22 involving 12:5 34:24 82:18 ipc 37:10 81:24 82:8 ipz 38:10 iron 99:4,5 irvine 38:3,16 45:22 46:14,17 111:3	isfsi 4:4 17:25 25:11,24 26:6 27:3 29:21 33:21 49:1,18 76:16,21 90:17 93:5 97:23,24 98:5,7,13,23 99:1 island 85:11 isolation 58:23 58:25 iss 29:20 issue 22:4 33:19 39:17 40:16 73:25 97:2 101:13,15 102:17,25 issued 12:8 issues 11:16,20 15:18 18:20 79:2,3 102:1 109:17 item 43:14	jeff 4:6 8:21 22:22,25 23:2 23:10 33:2,18 34:4 36:1 40:4 47:8 57:4 77:19 86:23 88:18 91:1,22 93:20 96:2,5 97:16 98:2,19 98:24 109:11 jerry 4:3 9:8 47:15,15,17,18 50:15,19 51:1 51:3 55:23 56:16 57:4 66:2,5 84:17 86:21,23 96:3 96:4,23 97:6,9 98:18 99:7 103:18 106:17 111:11 jim 3:16,18 14:4,13 20:9 20:12 21:3 101:18,22 jim's 14:17 jindra 43:6 job 19:4 57:6 66:3 81:18 83:17 88:8 john 3:13 join 8:3 10:18 11:14 joined 12:20
		j	
		jabara 14:19 jabara's 14:24 james 101:21 january 78:25 78:25 79:25 101:12 102:3 102:23 jeakle 4:10 9:2 11:13 34:9,12 34:13,14 35:4 35:5 109:12	

[joining - license]

joining 6:9,11 juan 3:13 julia 4:15 7:16 39:15 julian 47:22 111:8 julie 4:10 9:2 11:13 34:8,10 34:12,17 35:2 35:4,5,18 45:14 47:8 109:12 june 1:9 2:11 6:2 8:10 12:21 12:23 22:7 jurisdictions 35:9 95:1	60:23,25 64:16 65:2 85:16 91:1 93:20 100:23 103:15 kits 44:25 kj 14:19 knew 52:4 64:7 know 6:14 7:8 7:10 33:21,24 43:5,6,8 45:4 46:2,21 48:13 48:21 51:22 53:25 57:21 59:19,21,25 65:18,23 66:9 68:14 72:10,21 75:10,14 79:21 82:6 84:1 87:23 89:2 90:25 100:18 100:22 103:13 105:15 106:20 107:12 113:11 known 36:15 38:25 39:4 kristal 14:18,19 14:24,25	landscape 98:14 landslide 39:3 lapse 110:3 laptop 84:8 large 48:20 49:22 68:3 88:8 98:7 largest 87:11 late 10:18 23:13 launch 81:22 laura 78:2 80:10,12,23 103:5 107:7 law 27:23 56:4 93:5 layer 91:12 93:10,10 96:8 laying 31:13 leader 79:1 leadership 107:19 league 65:5 leak 59:18 62:16,23 75:25 leaked 63:8 leaking 59:10 62:13 learned 58:1 59:16 78:24 79:25 101:11 101:24 lease 108:7	leased 17:13 leave 37:25 led 20:8 left 29:20 30:5 52:5,9 leg 31:15 legislated 95:16 legislation 36:14 legislative 94:14 length 74:12 106:4 lessons 78:24 79:25 101:11 101:24 level 18:1 23:19 25:10 26:2,9 26:13,15,25 33:23 59:17 76:12,20,24 92:20 93:23 95:24 96:9 levels 24:21,23 24:24 25:19,22 25:23 26:20 59:20 62:1 68:13 92:21 94:23 96:16,17 97:4,17 98:12 102:11 levin 112:8 liaison 3:12 license 25:5 92:11
k			
katrina 3:10 keep 11:2 12:3 88:4,11 98:22 107:22 109:23 113:3 keeping 111:23 kelly 23:14 key 18:20 112:20 keystone 7:24 15:16,20 kibbey 64:10 kid 91:8 kids 91:3,4,4,5 kind 18:2 26:18 28:2 33:16,17 56:3 58:3,15	l 59:22,22 61:4 lab 111:25 laguna 46:18 111:3 land 14:3,17 17:12 108:7		

[life - make]

life 17:25 lifted 20:15 light 53:22 likelihood 76:6 likely 68:12 limit 61:14,14 limited 25:14 limits 58:18 62:2 69:22 line 52:11,12 81:8 link 8:9 32:20 69:13 linked 69:10 liquid 60:8 lisa 3:8 42:17 42:18 43:5,19 liss 80:25 83:15 83:18 84:7,12 84:19,24 list 7:24 10:19 13:24 23:12 38:4 41:23 42:2,20 43:8 91:16,18,19 listed 14:1 27:19 101:25 listening 16:4 little 24:17,19 46:17 47:16 51:5 56:17 59:22 67:19 74:21 88:14 90:1 92:23 94:13 96:12	98:19 live 38:3 66:12 living 17:17,18 load 63:6 loaded 26:16 51:14 104:24 105:1 106:19 local 27:16 29:6,10 39:18 40:23 58:14 64:23 82:4,11 93:15 107:19 109:23 localized 90:1,6 90:12 located 16:21 17:7,11,25 57:22 58:24 location 48:17 66:12 69:6 90:14 lock 53:9 102:10 locked 52:10 53:11 79:6,7 79:10 101:14 102:2,8,12,16 logic 104:4 logical 77:9 long 11:6 13:7 33:23 35:14 43:15 46:6 65:1 79:23 106:3	longer 19:19 82:5 92:17,18 94:3 look 29:19 43:9 43:11,17,18 45:21 49:4 50:15 54:9 56:19 59:7 65:9,10 69:7 74:5 88:15 95:14 96:6 97:14 108:25 111:2,7,19,24 113:11 looked 52:8,16 100:8 looking 31:15 31:20 46:6 49:18 59:23 65:14 68:23 70:3 79:11 98:8 looks 30:21 31:11 71:12 loose 106:24 lorraine 7:7 20:10 lot 16:15 20:3 35:22 46:7 48:13 52:7 53:8 62:11,12 63:1 65:5 66:19,20 88:9 91:9 112:19	low 49:9 75:23 76:5 77:10 100:10 102:22 lowest 25:24 26:7 luis 3:5
			m
			machine 114:11 made 6:19 20:17 40:14 53:1,3 59:12 61:7 63:13 88:15 92:18 114:11 madigan 101:18,21,22 magnet 19:18 mail 10:8 main 6:17 8:14 19:2 58:23,25 maintain 27:8 27:9,17 37:3 68:9 maintenance 20:23 55:19 major 12:24 majority 99:24 make 10:17,23 14:14 15:2 22:6 37:2 40:5 41:15,16 43:3 44:3 45:5 54:18 65:22 81:19 94:23

[make - member]

103:16 makers 40:21 44:20 makes 87:23 makeup 31:17 making 37:13 59:8 73:11 management 3:7 4:9 9:1 23:19 34:20,22 36:11 manager 4:4,5 4:6 9:8,11 20:9 23:14 34:1,20 35:8 managing 13:7 26:20 103:22 manner 25:13 37:8 73:14,23 88:5 92:7 93:13 manpower 88:9 manuel 8:2 16:11 71:17 72:11,25 73:2 100:3,7 101:2 101:18 march 11:15 15:22 50:21 104:22 margin 56:20 105:14 margins 105:13	marine 40:6 108:9 marines 108:10 108:12 mark 104:25 martha 3:3 8:2 8:4 9:18 11:4 16:11,13,13,15 19:21,23 21:11 33:5,6,7 34:2 42:1,6 70:1 78:19 79:15 86:9,11 88:13 90:21 91:15 94:16 95:17,22 97:20 99:3,9 103:4 106:16 107:6,16 108:17,18,24 martinez 4:15 7:16 mass 49:3 masses 48:25 massive 76:2 material 90:10 110:18 materials 7:4 32:7 113:10 matter 49:2 64:11 73:19 113:5 maximum 16:21 17:1 maybes 77:18	mayor 3:4 mcdonald 3:18 14:2,7,12,17 78:1,5,8,21 79:18 80:6 99:13 mcnally 71:13 81:16,19 91:17 mcnicholas 3:3 8:2 9:18 16:15 19:23 23:7 33:5,7 34:2 42:1,6 88:13 90:21 91:15 94:16 95:17,22 97:20 99:3,9 103:4 106:16 107:6,16 108:17 mean 43:9 52:22 means 52:10 measurable 51:19 measure 48:14 53:10 76:9 measured 51:15 52:6 53:13 measures 42:9 42:16 48:22 mechanical 20:3 54:10 mechanism 26:18 88:4	media 110:5 medical 27:14 27:22 28:5 32:15 medically 32:6 meet 14:13 44:1 65:23 meeting 1:1,8 2:2,9 6:6,14,15 6:20 10:7,10 10:11 15:3 46:15 50:21 57:8,11 64:12 64:15,17 69:25 71:8 72:8 73:4 74:23 78:23 86:8 94:7 100:4,8 104:21 109:16 113:1,3 113:16 meetings 6:19 11:16 12:18 66:15 72:18 78:11,11,15 95:8 99:14,19 99:20,22,25 100:2,14,17 101:7 109:21 meets 36:17 38:14 megawatts 16:20 mel 3:5 member 3:1 7:24 8:25
--	---	---	---

[member - move]

23:21 82:8 members 9:19 10:1,14,18,22 10:25 11:3 15:5,20,23 16:7 18:16 20:17 33:3 37:11,11,12 39:12 45:15 47:3 56:23 68:24 70:5 98:16 99:23 100:12,16,22 101:6 109:1,15 membership 37:10 43:16 memory 101:3 mention 82:10 110:2 mentioned 11:15 36:2 40:4 96:9,23 101:17,25 103:5 mentioning 93:21 message 23:5 24:3,14 65:8 messages 39:22 met 102:20 meters 87:12 method 89:1 90:24 mic 71:20	michelle 3:7 4:9 8:24 11:12 34:8,15,16,18 35:5,17 37:24 38:2,6,23 41:13 42:7,22 43:13,21 45:14 46:20 47:8 57:4 71:19 93:19 94:25 109:11 microphone 10:21 11:1 81:3,8 microsoft 1:6 2:10 6:1,15 7:6 mid 16:23 middle 52:11 mike 112:7 mile 18:1 38:11 38:12,17,18 41:24 46:23 85:11 91:24,25 92:2,6 miles 17:15,17 17:19,22 38:13 92:5 military 33:22 million 15:13 15:15 17:17 76:14,20 83:4 90:4 millions 83:24 minimum 56:4 56:10,13,14	minor 12:5 13:19,21 51:13 minute 43:12 70:7 minutes 14:15 69:20 70:8 75:10,18 misleading 76:4 mispronounced 9:3 mission 3:5 23:25 28:4,5 31:11 37:1 77:5 108:9,12 misspoke 67:17 mitigate 82:17 mitigated 62:16 mitigating 88:17 mitigation 28:22 mode 90:10 98:9 models 50:3 moderate 47:23 modern 48:1 modernize 107:23 module 50:4 modules 49:25 mom 91:3,9 moment 21:16 37:15 38:1	77:14,15 monday 58:6 58:12 monitor 58:17 61:25 112:2 monitored 61:11,20 66:5 monitoring 17:24 24:9 29:15 43:23 44:1,11,14 57:25 66:18 112:1 monitors 48:7 month 35:12 monthly 36:17 95:8 months 12:4 58:12,19,20 moon 87:17 morning 62:8,8 63:4 motive 25:17 73:15 mouflage 31:16 move 9:23 11:8 13:23 15:7 18:2 21:17 22:21 37:19 39:15 45:16 47:7 49:21,21 49:22 50:4,14 63:6 68:25 70:5 71:9,23 80:10,24 81:14
--	---	--	--

[move - observations]

95:13 113:7 moved 18:13 49:19,20,25 moving 12:25 18:10 112:9 mrem 61:12,15 mud 88:7 91:2 91:5,13 muddy 91:9 multiples 41:14 muted 11:2 14:7 16:14 78:4 81:3	necessary 29:12 30:10,14 44:21 82:15 need 41:2,3,4 44:7 45:20,20 48:21 55:11 63:6 66:9 71:19 77:12 92:8 93:2 96:7 needed 37:6 92:17 93:3,5 110:13 111:19 needs 30:13 negligible 61:22 neighbor 65:1 net 63:11 never 63:14 85:14 new 14:4 19:10 19:12,13 21:19 62:6 64:1 103:22 104:12 104:13,16 105:19 112:11 112:13 news 64:17,18 85:13 nice 13:3 80:7 nicholas 3:2 night 62:24 63:3 113:14 nina 8:16 47:11 75:1,2,2,6,9,16 75:19 110:12	nina's 94:17 95:20 noisier 105:3 non 34:22 nonstop 85:13 normal 9:15 36:9 49:14 96:24 north 62:12 93:14 note 6:15 53:3 noted 71:8 notes 16:16 79:15 notice 58:11 notification 27:16 40:6,12 40:23 41:15,16 46:8 notifications 27:12 39:21 40:4,8,14 41:14 83:24 notified 26:12 27:2 40:16 43:25 46:9 notifies 40:15 notify 98:1 nrc 25:6 30:4 38:8,20 44:6 60:5 76:2 77:1 77:4,5 78:23 79:2,24 80:1 92:11,15 101:11,25	102:17 103:24 111:14 nuance 94:13 nuccomm 10:9 nuclear 4:2 7:21 20:2,4,5 25:6 33:12 38:9 60:20 73:13,20 76:15 82:19 87:7,8 92:14 107:24 110:2 nuclide 85:17 number 10:3 13:6 15:20 16:1,1,2,3,4,5 20:20 22:5 25:8 69:23 80:15 85:5,18 85:19 86:2 99:18 103:10 103:11 113:8 114:25 numbers 49:8 nursing 32:1
n			
name 6:7 9:3 10:19,20,23 23:10 34:10,18 35:5 69:19 78:3 101:21 114:21 names 69:17 nation 77:2 national 8:12 82:10 108:12 natural 98:15 navigates 43:6 navy 36:5 108:8,11,16 near 19:15 44:2 69:2 nearest 17:15 nearly 19:19 77:22 necessarily 33:10			
			o
			o'clock 63:4 objectives 37:1 obligation 108:15 observation 19:3 observations 19:1

[observed - orano]

observed 51:17 obsessed 107:19 obsessively 85:14 obviously 34:25 occupy 108:9 occur 35:23 occurred 79:8 103:1 ocean 16:22 17:14,22 57:19 57:23 59:10 60:9 61:8 63:13 65:20 66:16 oceanside 28:6 ocfa 42:11 oes 94:12 offer 11:20 offers 98:13 office 4:10 9:4 30:3 35:7 93:9 officer 3:12 4:2 7:21 30:6 32:3 42:12,13 63:4 113:18 officers 49:16 officials 18:15 26:11 27:1 29:6,9,10 offsite 1:3 6:18 9:6 13:10 25:15 26:11	27:1,18 28:9 28:19 29:14 30:25 33:22 35:21 37:20 40:19 44:4,15 45:7 76:9 89:6 93:3 94:6 95:1 offsites 27:13 oh 36:6 50:1,15 72:5 oil 34:25 62:12 63:12,16 oiled 62:20 okay 6:5 14:12 17:2 28:7 33:6 34:14 36:25 37:9 41:22 49:6 51:4,22 52:6,13 57:20 58:18 62:4 65:16 67:16 68:11,19 71:3 71:22 72:2 73:7 75:5 78:21 80:4,8 80:19 81:13 83:10,18 84:7 84:21,24 91:15 96:4 98:23 99:2,3,9 103:18 106:8 108:8,18,23 112:25 old 19:12	older 103:25 oldest 103:21 104:11 olympics 64:19 66:24 67:7 69:5 111:24 once 32:5 33:3 40:16 47:10 49:12 69:8 71:4,6 89:20 92:12 101:7 107:21 108:14 111:22 ones 15:22 39:1 39:4 95:9 ongoing 20:14 online 10:13 16:23 69:11 86:10 91:22,25 100:1 106:1 107:15 onofre 2:1 17:6 20:7 23:25 24:25 34:24 36:12,24 37:3 38:12 39:6 40:22 48:9,9 48:11,21 63:2 76:1,13,21 102:5 onsite 28:8,21 31:17 37:19 78:11,15 99:15 oops 52:9	open 11:1 17:12,12 18:23 111:3 openness 12:18 operate 26:6 operating 17:4 18:9,18 20:25 23:22 24:19 25:20,22 33:15 59:5 93:25 94:19 operation 17:1 26:10 39:20 43:1 44:19 operations 20:9 39:1 49:14 96:24 opportunity 10:1 14:2 53:5 64:24 69:15 89:6 112:6 opposed 55:25 88:16 99:25 100:1 oral 10:12 orange 2:3 3:7 3:10,15 9:1 27:24 29:3 30:2 34:19,20 39:24 40:11 42:11 46:2 109:11 orano 50:2 87:21 104:19 104:24
--	--	--	--

[order - personally]

order 76:25 86:13 organization 15:10 23:21 organizations 27:19 30:1 organizing 112:3 original 52:5 ortega 38:13 osha 12:4,7 outcome 73:18 outlined 75:23 outlines 29:18 outside 76:3 overall 20:16 51:7 58:2 59:24 overlap 67:8 overpacks 18:5 oversight 9:12 101:23 overview 79:2 overwhelmed 93:8,11,15 own 17:23 74:7 89:11 99:5	pad 18:7 87:16 page 5:2 10:10 32:19 39:13 73:4 74:8 113:19 pages 1:14 paint 91:1 panel 2:2 6:7 15:1 16:8 18:14 45:15 100:19 109:15 paper 77:22 paraphrase 19:24 pardon 9:2 21:16 112:17 park 62:25 63:1,6 parked 63:3 parking 62:11 62:12 63:1 parks 27:25 28:14 63:5,24 64:10,18 65:2 part 6:22 19:8 47:4 53:14 86:17 89:1 92:9 99:15 105:21 106:6 partially 17:12 participants 110:12 participate 15:21 32:3 95:7,8 109:4	participated 16:10 participating 9:25 15:22 30:16 109:7,16 111:2 113:14 particles 87:6 particular 41:4 42:13 parties 114:17 partner 82:4 partners 89:6 partnership 81:24 party 33:25 pass 65:12 past 33:23 66:19 68:15,17 83:19 108:2 path 22:19 pathways 60:6 patient 88:15 patients 33:10 patrol 27:25 paulson 3:10 peak 48:22 peattie 20:9 penalty 52:24 pendleton 3:12 27:14,21,25 28:15 30:16,17 37:17 people 16:25 17:17,18 19:7 19:11,13 38:17	43:10 45:5,23 46:16 48:14 51:5 65:5 69:23 83:24 86:15 90:5,15 95:14 percent 13:1 17:5 49:5 54:12 56:12,13 111:16,17,18 percentage 82:25 perfect 36:5 perform 29:14 period 85:24 86:19 periodically 59:4 permanently 76:7 permit 68:9 102:14,17 person 30:25 31:12,17 32:5 79:16 83:3 89:16 99:18 100:1,4,8,11,14 100:20 101:7 102:18 person's 31:1 personal 12:11 20:20 personally 99:18
p			
p.m. 2:10 113:17 pa 58:9 pacific 57:19 66:15 packaging 12:16			

[personnel - popular]

personnel 28:8 33:12,22 89:19 perspective 39:18 54:3 75:14 94:14 pg&e 16:11 18:17 phase 13:3 94:5 phil 107:18 108:6 philosophy 75:19 phone 11:3 75:3 85:5 phones 91:7 photographic 74:1 photographs 52:2 photos 44:22 72:23 88:15 103:8,9,9 105:21,22 pictorial 29:18 picture 7:22 11:8,11 30:5 30:16 31:11 48:4 74:13 88:19 89:21,25 106:8 pictures 53:21 106:2,11 pieces 37:17 pin 106:20	pins 106:14,15 106:17,20,23 107:2,2,5,8 pipe 80:1 pit 58:24 place 14:24 27:6 35:16 37:6 41:5 94:1 94:10,18,20 107:3,25 114:9 placed 89:22 plan 24:20 25:2 25:5 26:13 29:22 33:16 36:3,10 37:19 38:23 39:1,7,8 39:9 55:19 67:22 90:7 92:10,24 94:21 95:1 96:5,21 97:16 100:13 107:1 110:19 110:21 planning 8:21 8:22 23:11,14 24:4,19 29:2 32:20,23 35:22 36:16 38:10,20 75:20 76:2 77:12 81:23 82:1,2,3,5,13 88:9 91:20,24 91:25 92:6,8 92:16,18 93:21 93:23 95:4	97:2 99:23 110:24 plans 3:12 36:23 37:3,12 38:25 92:25 94:17,19,20 plant 8:1,5 18:18 20:7 23:22 25:22 55:2 65:20 76:3,6 93:25 94:19 108:7 plant's 26:25 plants 33:12 82:19 plastic 30:22 85:16,17 86:16 86:24 87:3 88:14,16 89:16 89:17 90:4 play 26:11 28:19 82:19 88:24 92:5 played 29:4 player 42:4 playing 21:23 91:5 plays 88:23 94:17 please 6:15 7:1 7:19 11:1,8 13:24 15:1,8,9 21:18,22 23:24 27:7 35:20 36:25 37:23	38:1 44:13 47:20 51:1,4 51:22 56:25 69:12,22 71:7 74:17,17,24 75:18 81:21 113:7,11 pleased 21:1 pleasure 14:20 plenty 88:10 plume 94:5 plus 105:13 point 14:16 26:17 35:12 38:17 40:13 51:12,12,12 68:17 90:22 100:20 pointed 101:12 points 19:22 40:18 policies 39:10 39:11,16 40:2 40:20 43:22 82:15 policy 14:3 poll 99:24 101:4 pontes 4:5 9:11 57:2 67:12,16 67:18 68:20 108:4 114:16 pools 68:1 popular 17:8 65:18
---	---	---	---

[population - projects]

population 17:16 45:23 46:15 populations 42:15 46:1 position 101:19 positioning 12:10 positive 95:12 possibility 44:7 possible 13:20 25:8 26:14 31:4 73:15 74:22 possibly 32:11 post 73:3 posted 7:14 potential 26:9 68:6,15 95:3 106:23 pounds 76:14 76:21 power 16:21 18:18 20:4 33:12 73:20 82:19 93:25 107:24 practice 89:12 95:16 predominantly 26:20 preestablished 40:25 prepare 31:2 36:3	prepared 12:1 35:24 36:2 72:12 76:25 preparedness 1:2 4:6 6:18 8:17,23 22:16 22:24 41:21 47:10,12 75:20 82:13 109:14 110:14 preparing 29:24 prescriptive 60:21 present 28:25 presentation 4:15 7:4,14 9:20 10:15 36:18 72:16 74:9 77:4 86:15 88:19 101:24 105:6 presentations 6:24 9:14 29:8 57:3,5 presented 103:17 presenter 10:17,20,24 29:2 presenters 4:14 president 4:2 7:20 42:19 pressurized 16:19	pretend 77:14 91:2 pretty 12:25 98:3 prevent 31:6 82:16 83:25 86:25 previous 23:13 39:12 54:17 previously 21:14 primary 20:19 37:10,11 40:12 89:1 prime 24:4 principles 11:24 printed 48:5 prior 69:5 prioritized 104:16 priority 10:9 20:20 probably 45:22 45:24 46:9,18 46:21 52:23 56:18 68:17 probing 73:25 problem 26:9 50:7 74:7 problematic 104:15 procedure 32:15 49:13 96:23 97:4	procedures 36:23 37:12,14 37:21 proceeding 21:8 proceedings 114:8,11,15,17 process 13:1 29:4 32:9 40:2 89:5 92:10 94:8 103:23 112:10 processes 25:1 41:6 produce 60:3 producing 16:20 17:5 productive 99:20 107:21 professionals 8:19 proficiency 27:10 profit 73:15 program 13:3 24:9,18 programs 66:18 progress 28:12 progression 92:24 93:17 project 22:18 69:2 projects 12:25
---	--	--	---

[prompt - radiation]

prompt 27:15 proper 12:10 properly 64:7 65:23 property 17:9 64:2 90:11 108:9,16 proprietary 105:22,23 protect 24:1 29:12 82:16 87:9 protected 66:16 protecting 17:24 24:12 protection 4:5 12:17 20:23 23:18 42:13 90:25 101:23 102:7,19 protective 12:11 28:8 29:11 41:4 42:8,16 44:21 76:9 protects 24:6 protocol 40:15 protocols 40:25 proud 21:1 64:22 66:21 provide 8:1 9:9 9:12 28:7 41:19 44:14 51:1 82:11	109:19 provided 7:12 15:23 28:16,17 31:5 60:5 public 4:11 5:1 7:3,9 9:5,16,19 9:25 10:1 11:5 12:18 16:4,5 17:7,14 24:1,7 24:13 36:21 39:21 40:8 44:8 47:5 69:7 69:9,24,25 70:2 71:1 73:6 74:3,5 77:3,20 79:17 84:15,23 98:16 101:5 109:4,16 113:6 publish 105:25 pulled 90:23 pump 59:10 pumped 59:4 punctual 70:7 71:5 purpose 50:25 90:18 purposes 59:3 pushed 85:9 put 36:8 54:3 55:6 64:1 86:10 110:25 puts 69:13 putting 78:19	q qualified 27:8 quality 20:16 20:21,25 quantities 68:14 quarter 6:6 18:1 50:21 53:24 104:21 question 10:14 34:1,4 41:10 50:22 61:15 62:18 68:16 69:11 77:9 79:13,18 80:12 80:20,22 82:9 85:18 86:2,13 86:17 87:24 94:17,20 95:21 96:11,12 97:22 99:13,15 107:18 108:6 questioned 54:19 107:14 questioning 94:22 questions 7:4 10:2 11:4 15:2 32:24 33:4 34:6 45:15 47:5 50:18 52:1 55:22,24 56:23 62:2 64:13 68:24 70:4 72:21	78:17 82:22 85:10 90:4 91:19 99:21 101:11,20 103:5,13,19 107:7,11 109:2 109:6,17 110:7 113:6 queue 69:14 quick 50:17 70:4,6 71:5 93:20 104:13 108:25 quickest 13:20 quickly 13:15 33:3 64:7 91:10 quinn 8:3 20:1 21:10 quinn's 19:22 quite 10:3 52:10 56:9 69:23 quote 75:23 76:5 r radiation 4:5 20:23 23:18 24:9 26:20 32:3 43:23 44:1,4,11,13 60:7,9 75:24 79:6,7,10 98:12 101:14 101:23 102:2,6
--	---	--	--

[radiation - refreshing]

102:6,9,11,12 102:15,16,19 102:21,25 radio 85:17 radioactive 26:11 27:1 60:4 76:15,21 87:1,2,2 90:10 radioactivity 61:10 79:20,21 radiological 12:1 25:16 27:13 29:15 30:7,9 42:12 65:15 76:8 77:11,21 82:13 101:16 110:18 radius 38:11,12 38:17,18 41:24 46:23 rail 18:10,12 104:24,25 105:1 railcar 22:11 22:14 rain 59:2,4,16 68:4 raise 10:22 11:3 raised 10:15 41:7 69:12 83:10 101:15 raising 15:2 81:20	rather 19:24 93:17 ray 35:14 rays 87:5 reach 41:18 87:14,15,18 93:8,11 110:6 reached 11:19 reaching 7:8 reactions 10:16 reactor 20:15 20:19 21:6 22:19 96:14 reactors 16:20 25:3 68:1 92:12,13 107:24 read 6:23 19:25 73:8 81:23 84:12,14,19 113:9 readiness 27:8 readings 44:17 ready 50:11 real 31:16,24 33:3 realism 31:21 reality 98:4 realized 105:2 really 19:6 20:1 20:1,2 21:1,8 22:5 24:2 27:2 35:20,25 36:21 38:19 48:15 51:20 53:22	54:2 56:1 57:5 61:22 65:7 66:20,23 72:18 74:17 79:13 80:2 84:3 85:23 91:5 93:20 94:24 95:2,3 96:10 96:13 98:8,11 110:15 111:11 111:13,19 112:5 reason 62:25 73:21 103:25 reasonable 73:18 90:5 recall 15:9,12 16:7 50:19 recede 87:22 receive 10:9 received 15:14 50:22 recent 8:5 12:21 13:19 79:2,3 101:13 111:8 recently 7:25 12:5 15:21 33:20 35:13 46:15 recess 70:10 recognize 45:6 45:8 recognized 25:7 69:14	recommend 28:13 32:23 45:20 46:4 recommenda... 28:9 reconsidering 111:5 record 114:10 114:18 recordable 12:4,7 recorded 2:9 6:16 19:25 records 59:7 recover 32:12 82:18 97:5 recovery 13:20 88:2 red 52:9 redone 87:13 reduce 26:25 reduced 12:8 25:8,9 36:1 92:19 reduces 50:4 reduction 92:21 reference 80:22 111:10 113:10 reflected 58:7 reflects 114:18 refresher 44:25 refreshing 101:3
--	---	--	--

[refuelling - respond]

refuelling 21:14 refurbished 63:19 reg 103:22 104:12,13,16 105:19 regarding 7:4 9:6,22 12:24 24:8 101:11 regards 97:3 region 58:16 79:2 regional 15:21 register 8:9 69:13 regular 1:1 6:13 59:8 78:10 99:14 regulate 77:8 regulations 94:1 regulatory 25:7 38:9 60:20,21 77:21 reinspected 54:20 reiterated 15:25 related 26:22 95:25 96:14 relates 35:21 36:12,22 43:22 relationships 37:21 94:11	release 7:1 25:16 26:11,17 27:1 32:13 60:4,12,13,14 60:15,18 61:11 61:21 64:18 67:22 68:11 77:11 110:18 released 61:7 61:10,16,20,22 68:14 releases 60:7 61:7,11,23 63:12 65:17 67:6,11,13,14 68:12 76:8 97:24 releasing 83:21 relevant 82:12 reloading 92:13 relocate 28:15 relook 46:5 rely 18:11 remaining 56:9 remains 13:8 remark 58:9 81:20 remarks 81:22 remeasure 53:4 remeasurement 53:7 remediation 59:25	remember 14:19 20:17 27:4 47:21 54:6 57:15,15 89:25 91:8 105:6,12 remind 113:8 reminder 57:12 71:6 reminding 69:1 remote 114:16 remotely 114:9 remove 32:12 removed 60:10 91:11,13 108:14 removes 12:14 reoccurring 11:20 reopen 108:2 repair 107:1 111:15 repeat 51:5 report 52:8 53:3 60:3,5,5 60:11,14,15 72:7 77:21 79:5,19 101:12 reported 1:13 114:16 reporter 114:3 114:6 reporting 13:21	reports 105:23 105:25 representative 53:21 73:12 106:3,10 representatives 4:1 22:2 represents 60:6 requaifying 12:7 request 110:5 requesting 74:1 required 49:14 54:5 60:1 94:13 95:10 104:12 111:15 requirement 56:4,13,14 requirements 54:9 65:24 82:1 102:20 requires 54:7 103:23 104:8 requiring 76:9 research 8:11 22:8 resources 55:10 93:15 respect 69:22 100:23 respond 29:7 37:6,7 39:2,13 41:1 82:17 93:12,13 97:7
---	--	--	---

responded 62:15 64:7 responders 27:9 37:4 44:8 82:4 responding 16:5 30:1 36:24 response 8:18 23:20 27:13,14 27:19,22,22 29:7,10 75:20 93:18 98:1 109:14 responsibilities 23:12 101:22 responsibility 77:1 rest 32:14 113:2 restart 75:17 resting 107:3 restraints 51:9 51:10 result 25:15 76:8 77:6 110:17 resulted 61:9 61:12 resulting 74:2 results 50:20 104:21 retired 23:14 retirees 100:12	retirement 35:13 return 71:6 108:15 returned 62:21 reverse 86:13 review 25:6 64:12 77:20 103:15 104:21 revisit 8:16,20 47:11,12 50:24 rey 3:5 richter 47:22 48:12,14 ride 112:1 ridiculous 76:10 right 17:21 19:7 24:14 30:15 31:9 33:1 43:13 44:5 46:10,17 48:4,8 49:4 53:6 56:15,17 57:16,24 64:17 68:16 69:12 70:8 77:16,18 78:8 79:5 81:18 89:14 90:12 99:9 101:3 103:3 rigorous 66:17 rinse 32:10 rinsed 89:23	rise 76:20 95:24 risk 12:9 36:1 75:23 77:10 risks 76:22 rita 69:16 78:1 78:3,5,8,21 79:18 80:5,6 99:12 101:8,10 rita's 80:1 road 63:9,10 robust 109:6 rogelio 71:17 75:3 81:5,12 85:5,7 role 14:18 23:11 29:22,22 30:18 35:11 42:24 46:8 50:24 66:13 82:19 roles 23:18 34:23 rollup 23:8 ron 4:5 9:11 56:24,25 57:2 67:3,11,12,16 67:18 68:20,22 69:1 108:4,4 108:17 111:22 114:16 room 31:10 89:21 roped 90:1	rosenberges 78:2 80:11,12 round 49:8 51:12,12 rounded 51:11 rowboat 83:19 97:22 rp 102:13 rso 32:2 running 70:8 91:4
			s
			safe 12:3,13 94:24 safeguards 33:19 98:20 safely 13:7 18:17,18 50:10 66:3,9 safest 73:14 safety 4:11 9:5 9:9 11:24 12:8 13:6 20:20 21:9 24:1,6,9 24:13 26:25 29:12 32:3 34:3 36:15,22 47:16 59:1 75:19 77:3 96:13 102:22 106:25 107:3 113:13 sake 31:1 salty 87:23

[sampling - seeing]

sampling 58:6 san 2:1 3:4,5,13 3:16,18 4:11 9:5 14:3,5 17:6 20:7 23:25 24:25 29:3 30:2 34:24 35:7,10 36:12 36:24 37:3 38:11 39:6,8 39:23,24 40:22 48:9,9,11,21 63:2 76:1,13 76:21 82:8 102:5 109:12 sandstrom 20:10 saturday 12:23 savings 101:1 saw 18:25 45:12 52:8 54:24 85:14 111:9 sawtooth 58:3 saying 23:3 39:23,24,25 89:12 says 54:11 72:5 75:12 107:19 scale 47:23 48:12,14 98:8 sce 4:1,3,5,6,14 7:20 8:18,21 9:8,8,11 16:7 20:9,10 22:23	28:7 50:23 79:16 82:3 scenario 26:22 27:4 29:7 30:23 33:20 75:22,22 76:22 83:25 88:20,23 88:25 96:19 98:10 scenarios 24:21 24:25 25:8,15 25:21 26:14,21 95:25 96:16,22 98:4 110:17,20 schedule 55:13 55:18 86:20 113:1 scheduled 12:23 school 3:8 16:17 29:6,10 41:11 45:24,25 111:4 schools 42:15 42:23,25 43:1 schuler 23:15 scott 64:9 scratch 52:4,13 52:16,20,21,25 53:14,16,17,18 54:2,14 56:8 56:12,14 104:25 105:7,7 105:11 106:4,9	scratched 51:18 scratches 51:8 51:8,13,15,16 52:13 53:19,22 53:23 54:24 55:1,5,5,8 80:23 82:23 83:1 103:7 105:4,5,15,17 106:5,10,12 111:11,16 screen 10:16 48:5 69:21 screw 112:21 scuffing 51:21 scuffs 51:18 sds 62:9,14 sds's 62:22 sea 17:25 18:1 61:3 76:20 87:15,20 95:24 seal 59:10,11 89:17 sealed 65:19 search 104:13 second 6:6 25:19 26:21 30:5 42:2 46:14 50:18 55:25 86:17 91:12 101:15 seconds 75:13 secretary 3:3 8:7 9:18 19:3,5	21:19 86:8 112:7 section 54:11 104:14 106:7 security 20:24 26:22,22 28:11 28:18 29:21 30:6 33:9,13 34:1 49:15,17 77:2 98:21,22 see 7:19 9:24 10:2,19,23 13:24 21:1 22:4 29:20 30:15,19 31:9 31:12 37:1,9 38:4 40:3 41:23 43:15 48:3 49:4 50:18 51:25 52:9,11 53:6 56:23 57:16 58:2 61:19 65:12 68:23,24 69:9,11,16 70:3 71:10,14 72:14 74:4,7 74:15 78:3,4 80:25 81:2,3,8 82:7 83:10 85:3 87:8 90:9 107:9 109:1 112:6,14 seeing 20:15,16 21:7 34:7
---	---	---	--

[seeing - site]

50:19 62:3 109:3 seem 42:17,20 52:21 seems 55:4 107:19 seen 68:13 segment 69:25 seismic 9:9 47:16 48:6 51:9,9 76:17 111:7 selecting 69:5 selection 64:23 send 39:20 40:22 71:24 72:22 73:9 107:17 sending 65:8 73:8 83:23 sends 23:4 senior 21:16 sense 43:4 64:6 77:2 sent 29:25 separate 101:16 september 57:10 67:23 series 109:6 seriously 66:13 serve 13:25 34:19 42:18 service 14:25 104:1	services 4:11 9:5 20:24 30:3 35:7 93:9 sessions 99:23 set 38:24 39:10 39:11 41:3 42:22 55:25 92:23 114:10 setup 31:24 seven 17:15 several 17:22 104:17 severe 26:1,1,2 26:5,7 83:23 shallow 53:24 55:8 105:11 share 7:23 8:4 8:6,9 12:22 21:18 22:23 66:11 73:3 74:11 shared 92:3 shares 65:1 shark 111:25 sharks 19:17 19:18 112:2 sheet 89:17 shelf 48:2 90:23 shelter 41:5 sheriff's 3:7 9:2 27:24 34:21 42:10 shield 51:19	shielded 18:5 shielding 98:15 shift 27:9 shifted 29:22 shim 106:14,15 106:17,19,20 106:23 107:1,2 107:4,8 shims 80:13,21 shiny 53:22 54:24,25 shop 15:21 short 9:15 85:10,24 shortening 6:20 shorthand 114:3,5,11 shortly 47:6 shot 23:9 83:8 shoulds 77:17 show 21:22 66:25 72:9,12 72:14,16,19,24 74:22 103:9,10 106:11 showed 83:3 86:15 106:2,6 106:8 showing 72:19 103:8 shown 74:9 86:15 105:16 shows 57:24 58:7 74:13	shut 76:7 shutdown 23:23 25:3 shuttle 18:2 side 11:12 57:1 57:18,19,21 sides 22:3 sign 10:12 69:11 signature 114:24 signed 69:17 significance 102:22 significant 68:4 98:22 signup 71:7 similar 20:22 107:7 similarities 16:18 simplistic 56:17 simply 89:10 107:22 simulate 88:20 sincerely 15:4 site 9:11 12:13 12:15 13:8,10 16:9 18:11 20:9 23:12,16 24:12,16 25:2 26:3,19,23 29:16 32:2,12 32:24 43:25
--	---	--	--

[site - spoke]

44:2 45:5,10 49:23 50:8 57:13,17,23 60:7,10 61:2,3 61:4,14,17 62:7,11,12,21 62:23,24 63:7 63:15,23 65:10 65:14,21,22 76:13,24 92:25 93:2 96:9,12 96:23 105:17 108:7,11,13,14 110:6,18 sites 22:19 25:24 siting 15:11 sits 76:16 sitting 63:7 situation 31:25 60:23 89:9 situations 95:4 six 51:11 size 47:25 98:12,23 slaughter 34:10 slide 7:18 9:23 11:8 13:4,23 15:8 21:17 22:5,21 23:24 24:17 25:18 27:7,20 28:7 29:17 32:16,16 32:25 33:1 35:20 36:25	37:9,23,25 39:14 40:10,17 44:13,22 45:3 47:20 50:14 51:4,16,22,24 51:24 54:17,22 60:25 61:19 62:4 64:14,17 69:7,18 70:6 71:10 110:2 113:1,7,8 slides 4:15 6:23 7:17 40:5 50:6 52:2 67:20 83:19 sloped 52:15 small 41:19 49:22 53:23 61:24 107:23 smooth 37:20 40:2 social 110:5 society 54:10 software 53:11 soil 63:25 64:1 sole 77:1 solid 60:10 solutions 3:11 3:16 6:24 solve 73:22 somebody 97:22 103:15 106:14 107:17 songs 1:2 6:6 6:17 7:15,16	7:21 8:5,22 9:9 11:24 15:7 16:9,19 17:17 17:21 19:19,22 19:25 20:11,17 21:4 22:23 24:6 28:14 32:18 33:14 47:16 48:3 50:9 57:9,13 57:13 65:9 79:8,21 82:2,2 100:12 103:1 112:1 songs.sce.com 10:9 songscommu... 11:19 songscommu... 110:4 soon 50:22 62:14 soonest 31:3 sorry 32:2 67:15 74:15 99:5 106:16 sort 93:1 sound 84:8 94:23 sounds 56:16 111:14 southern 4:1 37:18 40:5 48:7 77:11 87:12 90:15	space 17:12 18:2,8,23 98:13 speak 11:2 65:6 69:11,15,18,19 69:23 71:7 72:9 107:17 speaker 71:10 71:12 speakers 4:8 6:11 7:20 11:12 speaking 12:19 special 7:12 11:11 specific 37:3 39:4,7 103:12 specifically 95:24 speed 111:23 spent 3:10,16 4:3 6:24 12:13 13:11 18:7,9 18:11,12,19 22:13,14,19 25:13 26:16 31:18 50:9 53:7 68:1 92:14 spilled 64:3 spills 34:25 spirit 73:24 spoke 57:9 79:4 95:24
--	--	---	---

[sponsored - suggestion]

sponsored 65:4 spread 28:23 31:6 90:10,19 98:9 spreading 90:16 stabilized 32:6 stacks 87:17 staff 20:21 30:17 31:10,25 stake 12:10 stakeholders 8:12 stance 35:25 44:5 94:3 standard 88:23 90:24 92:1 104:12 standards 21:10 star 11:1,4 75:11,12 85:9 start 20:18 23:3 34:17 39:16 40:7 70:7 75:16 92:25 started 18:9 62:23 71:4 91:16 starting 6:13 27:20 29:20 58:13 73:1 state 2:3 22:17 25:25 27:7,16	27:25 28:13,14 30:2 33:21 47:9 63:2,5,8 63:24 64:10,18 65:2 82:11 93:8 109:13 114:6 stated 26:6 statement 24:2 states 48:5 108:8 station 24:5 76:1 statistical 53:2 stay 12:1 steam 58:23,25 steel 54:6 stenographic... 114:16 step 22:18 98:18 stephenson 4:3 9:8 47:15,18 50:15 51:3 56:16 84:17 86:21 96:4 97:9 98:18 99:7 103:18 106:17 stetson 3:2 6:5 6:8 13:17 14:9 14:22 19:2 21:11,24 33:2 33:6 34:5,14 37:24 38:3,22	41:8 45:13,18 46:13,25 47:3 50:13,17 55:23 56:21 67:3,10 68:21 71:3,21 72:3,10,13 74:19,25 75:5 75:7,15,17 77:24 78:6,16 79:14 80:4,8 80:19 81:7,13 81:17 83:6,16 84:3,10,14,21 84:25 86:4 99:17 101:2 108:18,20,23 110:9 112:25 steven 35:14 steward 66:14 stewards 12:12 stewardship 12:12 stood 110:16 111:13 stop 87:5,5 stopped 85:17 storage 4:4 12:13 13:10 15:12 25:14 83:19 103:23 store 66:4 stored 18:4 25:13 50:10 66:10 92:7,7	storing 18:18 storm 18:5 63:12 87:17 story 64:6 stranger 65:2 streams 12:24 stress 55:6 104:6,7 stretch 95:18 97:20 striking 17:3 strong 98:3 stronger 49:7 struck 19:6,15 structural 48:2 structure 17:24 36:7 58:25 98:14 students 45:25 study 16:18 submit 10:2,11 69:10 submitted 10:4 10:8 72:7 103:19 subscribed 114:21 subtract 56:7 successfully 31:19 sudden 91:11 suggesting 8:16 suggestion 8:15 47:11
--	--	--	---

[suggestions - test]

suggestions 10:4 69:8 78:18 81:4 suit 89:16 suits 86:24 87:3 summarize 44:18 103:6 summary 8:4 19:22 66:23 summer 23:13 super 66:23 supervisor 3:10 3:16,18 14:4 14:14 supervisors 29:21 supplemental 72:7 supplier 63:14 supply 27:21 support 1:3 4:14 6:18 9:6 11:21 15:6,10 22:3 25:2 27:23 28:2,19 30:18,19 31:25 62:21 82:4 93:2,3,6,10,20 112:9 supported 20:10 21:3 25:21 sure 13:22 37:2 37:13 44:3 45:5 54:18	65:22 69:13 99:17 103:16 106:16 112:2 surface 55:6 surfers 112:4 surfing 17:8,23 64:21 65:3,5 65:13 67:7 69:3 surge 87:17 surrounding 57:13 66:16 survey 32:4,13 46:22 48:6 susceptible 104:6 suspect 59:19 switched 48:12 sworn 34:22 system 53:8 87:21 96:14 104:20 106:18 107:25 systems 49:17 49:17,18 96:14 t table 95:7 tackle 86:6 take 9:14 14:2 20:6 36:1 38:12 43:14,17 45:20 51:1 54:16 55:12 65:7 66:13 67:22 70:6	75:12 76:19 80:25 86:11 87:3 88:9 96:2 98:25 101:4 108:4,25 111:1 111:7,19 113:11 takeaways 112:20 taken 13:14 28:21 70:10 114:8 takes 12:14 75:10 talent 15:6 talk 7:24 8:11 22:8 25:18 33:19 36:18 47:15 51:16,23 54:23 62:5 66:19 76:11 92:9 93:21 97:6 talked 29:1 33:8 40:19 54:18 57:7 66:14,18 86:14 97:11,11 100:3 103:13 104:20 105:12 talking 67:12 81:5 85:19 talks 29:5 taylor 3:13	teacher 16:17 team 20:11,17 35:13,14 63:15 63:23 79:1 teams 1:6 2:10 6:1,15 7:7 12:15 43:23 44:1,11,14 technical 4:14 11:16 44:18 86:6 97:7 105:22,25 technically 7:11 technician 102:7,13,19 techniques 30:22 36:9 ted 8:3 19:22 20:1,1,5 21:10 21:12 ted's 8:4 tell 62:14 64:22 66:2 telling 80:2 tells 60:22 ten 19:17 35:11 term 89:11 terms 25:1 33:19 39:19 72:20 112:13 terrorist 83:18 test 55:14,16 66:7 85:20 112:15,17
---	--	---	--

[testing - time]

testing 112:13 text 71:24 thank 6:9 7:7 7:15 8:15 10:4 11:9,10 12:20 13:17,18,21 14:20,25 15:4 20:12 21:5,11 21:12,24 22:25 29:17 33:2 34:3,5 38:22 41:8 43:19 45:13 47:7,10 47:18 50:13 51:3 55:23 57:2 67:3 68:19,21,22 69:1 71:4 74:18,19,24,25 75:15 77:23,24 80:5,19,23 83:5,6 84:25 86:3,4 90:21 97:19 101:2,8 101:21 107:8 108:24 109:3,6 109:10,11,15 110:9,12 111:11,22 113:8,13,14 thankful 95:6 thanks 11:11 23:2,4 35:4,17 43:20 47:2 80:4 86:5	108:6,17 110:11 112:23 thereof 114:14 thick 56:5,6,7 89:16 105:5,8 105:15 thickness 53:25 54:1,5,12 55:9 55:10 56:10 105:9,10,14 111:18 thing 19:15 31:13,23 39:23 39:25 49:21,22 49:23 50:6 57:14,15 62:19 78:22 81:20 83:2 93:16 94:2 106:13 110:23 111:6 things 16:1 19:6 24:10 29:19 32:10 33:7 37:22 45:7 46:10 48:25 52:22 56:3 59:3 60:2 60:11 64:4 65:12 86:6 96:20,25 97:1 110:15 111:13 think 14:9,14 14:15 15:23 21:13,25 22:1 23:5 36:6 42:7	43:16 45:12 46:8 47:20 50:1 54:22 56:21 57:7 58:21 64:4,11 64:14,16,25 65:9 67:7 70:3 72:8,11,13 73:10 80:16 81:5,20 84:5 86:21 88:14 90:22 94:16,22 95:16 96:10 99:12,19 101:6 101:12,18 103:4 106:13 107:4,6,13 108:1 110:21 110:23 112:8 112:10,11,19 thinking 99:4 third 33:25 39:25 54:1 55:10 76:23 105:10 thought 19:13 75:13 86:13 105:3 108:1 109:5 111:20 thoughts 46:12 109:1 thousand 16:20 19:11,13 21:15 thousands 76:18	threat 26:22 27:4 three 6:22 13:9 25:12 26:15 53:25 55:9 69:20 75:18 85:11 96:22 97:17 101:25 105:9 threshold 111:15 throw 52:18,20 thrown 52:23 52:24 throws 97:23 thursday 2:10 6:1 tightly 51:10 time 6:10,12,13 7:8 10:15 15:6 16:21 21:5 22:2,7 23:17 25:4 31:3 33:24,24 35:12 35:14 42:24 43:15 46:3,6 47:13,13 51:6 52:6 53:8 55:12 57:7,8 65:1 67:24 69:22 72:14 74:21 84:16 85:24 86:19 88:1,10 92:13 100:9,25
--	--	--	--

[time - turn]

102:20 104:1 105:1,2 109:7 110:3 111:1 114:9 time's 6:13 timer 69:21 73:1 times 20:17 49:7 52:3 66:15 85:9 104:17 113:12 tiny 61:19 today 6:17 11:14 23:23 42:25 105:6 107:14 together 28:10 28:10 37:19 40:24 73:22 78:19 87:18 100:16 110:25 told 74:6 tonight 6:12 8:20 11:22 23:1 75:23 77:4 tonight's 6:14 72:8 109:16 took 7:5 16:15 52:7 53:11 58:6 63:17 64:17 99:24 tool 90:19 top 10:16 24:15 57:24 87:14	91:17 topic 6:17 8:20 47:13 topics 7:5 8:15 total 25:10 48:15,18 touch 88:17 tough 23:8 57:4 tour 8:2,5 12:19,21 16:9 16:12 20:1,6 20:12 21:3 110:5 tours 109:21 town 17:15 track 13:2 tractor 62:9,19 trailer 62:10,19 train 37:4 44:10 89:8 108:10 trained 27:8 30:6 training 27:11 27:11,17 36:22 44:25 82:14 89:5 93:24 95:5 108:12 tranference 89:18 transcribed 114:12 transcript 1:8 2:9 114:17	transcription 114:14 transfer 88:3 transferring 6:22 transformer 62:10,20 63:14 63:16,18,22 transit 62:23 transparency 16:4 109:19 transparent 73:17 transport 22:14 89:7,14 transportation 8:12 12:16 22:12 trapped 58:15 tray 31:14 trench 58:23 59:2,13,16 trend 58:3,8 59:24 trending 58:11 trestles 64:20 65:3 69:4 tri 28:5 triage 33:10 tribal 22:16 82:11 tried 33:20 89:3 trip 16:13	tritium 57:8,9 58:1,10,21,22 61:16 109:24 111:23 troubleshooti... 11:17 truck 63:17 trucks 18:11 true 43:13 72:9 trust 15:25,25 43:24 74:5 trustees 3:9 trusting 73:17 try 6:21 7:6,10 31:2 33:13 81:15 83:11 84:7 88:25 103:6 trying 23:5 48:16 61:18 74:8 86:6 103:9,12 tsunami 76:15 85:23 86:18 87:10,11,11,13 97:8 tsunamis 95:24 96:20 97:12 turn 11:7 13:12 16:11 22:22 34:7 40:7 45:14 47:14 56:24 69:19 75:1 78:1 86:7 109:8 110:8
--	--	--	---

[turned - vessel]

turned 58:12 84:8 turning 9:21 turns 36:7 102:14 twice 44:12 twin 16:24 two 6:21 13:6 13:13 16:19 19:6 25:24,24 26:14,21 28:4 30:1 37:16 52:2,2,3 53:21 54:23 55:9,13 55:14,15 66:7 85:10,20 101:10,16,19 106:2 113:4 type 12:9 18:2 89:23 types 27:10 typically 36:3 36:10 89:2	under 10:16 21:6 26:15 56:4 57:23 85:24 86:19 114:12 underneath 62:17 undersigned 114:5 understand 29:5 38:5 42:3 42:21 44:5 45:8 46:7 47:9 56:2,3,22 80:2 85:16 92:23 100:3 111:21 114:19 understanding 80:20 84:4 108:10 understood 59:15 underway 65:22 unencumbered 32:15 unexpected 33:9 62:7 unfortunately 94:9 unified 3:8 41:20 42:19 uniform 41:1 uninformed 96:12	unique 24:25 37:17 39:9 95:3 unit 20:7,13,18 21:7 58:23 united 48:5 108:8 unmonitored 60:12 unmute 75:12 81:6 unmuted 72:6 unquote 75:23 76:5,9 unusual 26:1,8 upcoming 29:2 update 6:25 7:23 9:10 11:8 11:14 13:18 updated 11:17 43:16 updates 6:22 7:1 9:7 13:24 57:1 110:3 113:10 upper 30:15 use 10:15 11:1 11:4 12:10 14:3,18 22:13 30:23 33:22 44:18 71:7 89:5 105:19 used 13:7 54:6 87:6 92:2,6 93:24	useful 46:11 useless 48:16 uses 18:2,4 usgs 48:5,22 76:15 using 10:13 16:22 49:8 90:4 114:11 usual 7:22 <tr> <td colspan="4">v</td></tr> <tr> <td colspan="4"> validate 37:5 validation 75:13 valuable 15:23 value 12:17 106:11 109:19 valve 58:23,24 valves 59:1 vanish 66:1 variety 24:10 various 23:18 23:21 27:10 34:23 35:8 36:23 97:1 verbatim 114:10 verify 43:24 44:7 vernon 3:5 vertical 52:11 52:12,15 vertically 18:5 vessel 20:15 21:7 </td></tr>	v				validate 37:5 validation 75:13 valuable 15:23 value 12:17 106:11 109:19 valve 58:23,24 valves 59:1 vanish 66:1 variety 24:10 various 23:18 23:21 27:10 34:23 35:8 36:23 97:1 verbatim 114:10 verify 43:24 44:7 vernon 3:5 vertical 52:11 52:12,15 vertically 18:5 vessel 20:15 21:7			
v											
validate 37:5 validation 75:13 valuable 15:23 value 12:17 106:11 109:19 valve 58:23,24 valves 59:1 vanish 66:1 variety 24:10 various 23:18 23:21 27:10 34:23 35:8 36:23 97:1 verbatim 114:10 verify 43:24 44:7 vernon 3:5 vertical 52:11 52:12,15 vertically 18:5 vessel 20:15 21:7											

[vice - wells]

vice 3:4 4:2 7:20 9:17 86:8 victor 3:4 9:17 11:4 41:7,9,10 41:22 42:3 43:20 45:17,17 45:18,19 46:13 46:25 47:2 67:4,5,10,14,17 68:19,21 70:1 78:19 79:14 84:11 86:9,11 86:12 91:16 95:18,20,23 97:19 99:11 101:10 103:3 107:9,10 108:19,20,22 108:24 video 2:9 8:6 20:13 21:18,22 21:23 23:4 32:22 74:22 videos 110:3 viejo 28:5 view 90:22 virginia 22:15 virtual 99:25 visible 13:13 17:6,10,13 visit 17:4 19:22 32:23 77:20 110:4 visiting 45:11 65:6	visual 65:11 voice 39:22 volunteer 6:8 volunteers 13:25 vote 37:12 101:9 vp 3:8	73:3 74:21 81:19 88:24 89:13 95:19 97:21 98:19 108:23,24 109:6,8,10,15 110:12 111:11 111:22 113:8 113:13	waters 67:25 waterways 63:12 way 42:21 52:14 59:11,12 63:8,13 64:16 88:22 108:1 we've 10:3 11:16,19 12:8 33:21 57:25 65:1 66:18,25 68:13,14 76:14 97:10,11 103:13 104:20 107:13 web 10:10 webinar 8:10 22:6 website 7:15 11:19 12:19 32:18 48:6,22 77:20 81:24 109:22 110:7 week 7:15 19:16 112:1 welcome 6:5 7:3 9:20 14:2,6 14:23,25 47:5 56:25 68:20 75:8 80:6 welding 12:6 wellbeing 31:2 wells 57:25 58:17
	w	wanted 35:20 35:25 40:18 54:23 64:11 74:10 99:25 wants 108:11 warning 41:3 warrants 76:23 wash 88:6 waste 4:5 12:16 60:10 65:17 73:14,20 76:15 76:21 watch 77:20 watched 85:14 water 16:19,22 17:20 31:14 32:10 57:14,20 58:15 59:2,9 59:11 61:8 65:17,20 67:22 68:3,4,11 85:24 86:19 87:2 88:3,4,6,7 88:12 water's 17:21	

73:3 74:21 81:19 88:24 89:13 95:19 97:21 98:19 108:23,24 109:6,8,10,15 110:12 111:11 111:22 113:8 113:13 wanted 35:20 35:25 40:18 54:23 64:11 74:10 99:25 wants 108:11 warning 41:3 warrants 76:23 wash 88:6 waste 4:5 12:16 60:10 65:17 73:14,20 76:15 76:21 watch 77:20 watched 85:14 water 16:19,22 17:20 31:14 32:10 57:14,20 58:15 59:2,9 59:11 61:8 65:17,20 67:22 68:3,4,11 85:24 86:19 87:2 88:3,4,6,7 88:12 water's 17:21	waters 67:25 waterways 63:12 way 42:21 52:14 59:11,12 63:8,13 64:16 88:22 108:1 we've 10:3 11:16,19 12:8 33:21 57:25 65:1 66:18,25 68:13,14 76:14 97:10,11 103:13 104:20 107:13 web 10:10 webinar 8:10 22:6 website 7:15 11:19 12:19 32:18 48:6,22 77:20 81:24 109:22 110:7 week 7:15 19:16 112:1 welcome 6:5 7:3 9:20 14:2,6 14:23,25 47:5 56:25 68:20 75:8 80:6 welding 12:6 wellbeing 31:2 wells 57:25 58:17
---	--

[went - zone]

went 14:20 49:16 52:7 53:7 62:15 63:24 105:4 106:4 west 61:2 westerly 57:18 wet 104:8,8 whatsoever 111:9 whereof 114:20 white 19:17,18 30:21 77:22 112:2 whitley 3:12 wildfires 34:25 willing 95:6 winded 11:6 winter 85:22 wipe 98:6 wipes 32:10 wish 11:2 13:19 13:22 113:13 witness 114:20 wonderful 19:3 34:16 35:13 110:22 111:10 wondering 41:24 word 21:13 work 12:2,24 15:19,21 21:2 21:8 28:10,10 28:15 40:2 44:25 62:22	66:12 68:6,8 72:17 74:23 88:22 89:6 91:21 102:5 109:19 worked 7:8 13:9 worker 30:23 88:21 89:1,7 89:12 workers 12:3 24:2 28:3 80:17 85:15 86:24 87:9 88:16 90:13 workforce 24:7 24:13 working 16:2 19:7 23:17 30:20 31:10 64:10 81:21 88:8 102:5,6 works 36:21 42:21 43:6 workshop 7:25 78:24 79:25 world 65:5 87:7 worry 54:13 worse 105:3 worst 75:21 88:24 94:21,24 96:18 97:15 98:10	worth 73:10 worthwhile 94:8 wound 31:20 wrap 31:5 88:14 89:10 90:18 wrapped 30:21 85:15 86:16 88:16 89:16 wright 8:7 21:19 112:7 write 52:8 written 10:6,12 27:18 103:19 107:11,18 wrong 56:11 100:6 112:14 wrote 55:20 77:22 84:5	35:8,11 46:6 55:14,15 66:7 66:7 76:18 78:14 80:21 85:20,21 86:2 86:20 87:25 110:25 yellow 30:21 yep 65:25
			z
			zero 25:14 zone 6:12 38:11 38:21 76:16 82:2,3,5 91:20 91:24,25 92:6 92:9,18
		y	
		yeah 14:13,17 14:20 19:23 41:10 50:17 56:16 67:5 72:22 73:2 84:3 95:22 year 16:10 22:10 41:20 44:12 57:11 59:6 61:7,9 67:23 78:25 100:5 113:2 years 8:17 31:18 34:23	