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Hospital Building Safety Board Education and Outreach Committee

February 13, 2025
10:00 a.m. – 4:00 p.m.

Locations:

2020 West El Camino Ave, Conference Room 930, Sacramento, CA 95833
355 South Grand Avenue, Conference Room 1901, Los Angeles, CA 90071

Committee Members Present

Scott Mackey, Committee Chair
Louise Belair
Janice Cheung
Michael Davis
Gary Dunger
Teresa Endres
Jim Malley

Consulting Members Present

Kelly Martinez
Bruce Rainey
Belinda Young
Bill Zellmer

Ex-Officio Members Present

Jennifer Thornburg

HCAI Staff Present

Chris Tokas
Richard Tannahill
Monica Colosi
Darren Graves
Joe LaBrie
Mia Marvelli
Jamie Schnick
Nanci Timmins
Andia Farzaneh

HBSB Staff Present

Veronica Yuke, Executive Director
Marcus Palmer
Evelt Torres

1 **1. Call to Order and Welcome**

2 **Facilitator:** Scott Mackey, AIA, NCARB, APEC, Healthcare Design Consultant,
3 Committee Chair (or designee)

4 Scott Mackey called the meeting to order at 10:02 a.m.

5

6 **2. Roll Call and Meeting Advisories/Expectations**

7 **Facilitator:** Veronica Yuke, Executive Director

8 Veronica Yuke welcomed everyone to the meeting and conducted a roll call,
9 confirming a quorum. She then outlined the Rules of Engagement for all
10 attendees, both in-person and virtual.

11

12 **3. Item #11 Update on the development of future Educational Programs.**

13 **Facilitator:** Scott Mackey (or designee)

14 Scott Mackey announced the adjustment in the meeting agenda, moving item 11
15 up and shifting all other items down by one position.

16 **11A: Classification of imaging procedures into Class 1, 2, and 3.**

17 Mia Marvelli provided a brief update on the classification of imaging procedures,
18 confirming that Eric Jacobson is still working on it alongside CDPH.

19 **Discussion and input:**

- 20 • Scott Mackey asked for a potential timeline for action on the imaging
21 procedure classification.
- 22 • Chris Tokas mentioned that the timeline for action is the second quarter
23 of this year.
- 24 • Scott Mackey thanked the committee members for the update.

25 **11B: Tips on how to work with HCAI in the field.**

26 **Discussion and input:**

- 27 • Mia Marvelli stated that there was no update on working with HCAI in the
28 field and asked if anyone else had any information.

29 Scott Mackey tabled the discussion for the next meeting and moved on to the
30 next agenda sub-item.

31

1 **11C: How to write a Functional Program and Operational Program and how**
2 **to make it easy for CDPH to approve.**

3 **Facilitator(s):** Kelly Martinez, Teresa Endres

4 Kelly Martinez introduced the sub-item with the update that they are working on a
5 PowerPoint presentation about how to write a functional program advisory guide.
6 She described the structure of the guide, including an introduction, table of
7 contents, acronyms, definitions, and examples.

8 She further explained that the guide is being designed to help facilities to develop
9 a functional program with all the required elements in a format that is concise and
10 easy to understand.

11 Kelly Martinez noted that the guide includes references to Title 24 and Title 22
12 regulations, as well as various advisory guides including for the pharmacy, the
13 psychiatric unit, nutritional and dietary themes, and additional resources such as
14 CANs and PINs. She added that it also includes a checklist that the user can fill
15 out themselves, with examples to support the process.

16 **Discussion and input:**

- 17 ● Scott Mackey asked if the checklist is specific to OSHPD, CDPH, or a
18 combination of both.
- 19 ● Kelly Martinez responded that the checklist is for the California
20 administrative Code and covers operations, communication plans, and
21 required elements for both OSHPD and CDPH.
- 22 ● Kelly Martinez discussed including helpful hints in the guide, such as for
23 the functional programs for pharmacy, dietetics, imaging rooms, and
24 more, and encouraged feedback on additional topics. She also explained
25 that the guide will include content on mobile units, floor plans, compliance
26 diagrams, inpatient and outpatient workflows, construction project
27 phasing, licensing considerations, and changes in function.
- 28 ● Kelly Martinez provided the timeline for the project, aiming to have it
29 solidified by the end of the month, with a goal to present it to CDPH on
30 March 15th and to the committee for approval by April 23rd, and then to
31 post it to the website by October 1st.
- 32 ● Teresa Endres thanked Kelly Martinez for organizing the project, and
33 Clara Wu and Mia Marvelli for their work in finalizing the guide's outline.
- 34 ● Scott Mackey asked for clarification around whether the document was to
35 be published rather than presented as a webinar.
- 36 ● Kelly Martinez suggested that the guide could be opened to a webinar
37 presentation if the team decides to, but as it stands, the document will be
38 finalized for publication only by October.

- Scott Mackey suggested that the guide's publication be followed by a webinar to allow for questions from people who have reviewed it, allowing for additional assistance where needed.
- Teresa Endres agreed that a webinar would be helpful, particularly to manage expectations regarding the length of functional programs, such as for CT equipment replacements.

11D: Develop a formal design-professional mentorship program with HCAI.

Facilitators: Kelly Martinez and Teresa Endres

Teresa Endres acknowledged the new topic and committed to working on it after finalizing the functional program guide.

Discussion and input:

- Scott Mackey stated the importance of identifying Chris Tokas' goals for the mentorship program and creating a starting outline.
- Kelly Martinez agreed with the need for Chris Tokas to provide input to help guide the direction of the mentorship program.
- Chris Tokas mentioned that the mentorship program started last summer with the CAP certification program and expressed a willingness to work on a more detailed agenda for the program.
- Scott Mackey asked if there were any other comments or questions regarding the mentorship program and it was confirmed that the program would continue to develop.

11E: Initiate the planning of a 2025 educational seminar.

Facilitators: Scott Mackey and Jim Malley

Scott Mackey said that at the end of the previous year, they talked about the organization's budget and what funding might be available in order to continue with the webinars and seminars. He then asked Chris for a report back on the opportunities in 2025 to hold both webinars and seminars that will be allowed and funded by the budget.

Discussion and input:

- Chris Tokas discussed the complexity of organizing physical seminars versus webinars and expressed a need for budget clarity before proceeding with the seminar planning. He said his advice to the Committee is to put the agenda together, including what they want to bring in, and that he will know more about the budget by June.
- Scott Mackey suggested that September 2025 would be the best time for the seminar and acknowledged the complexity of planning around budget approval. He welcomed the committee members to provide their input.

- 1 ● Chris Tokas agreed and emphasized the need to continue moving
2 forward, but also to wait for the budget update in late May or June.
- 3 ● Jim Malley suggested moving forward with seminar planning, including
4 developing a topic and agenda, even before the final budget approval.
- 5 ● Scott Mackey agreed and said that there are a number of items they are
6 putting together as a group, and that in addition to the seminars they are
7 also considering input from the public. He emphasized that the committee
8 should prepare a proposal for the seminar in order to present it when
9 ready.
- 10 ● Jim Malley asked about the timeline for locking down seminar dates and
11 locations.
- 12 ● Veronica Yuke acknowledged that the planning timeline is tight and that
13 they would need to discuss contracts with Chris due to the budget
14 constraints.

15 **11F: Extend the outreach program to educate the public on the difference**
16 **between HCAI and OSHPD.**

17 **Facilitators:** Teresa Endres and Richard Tannahill

18 Teresa Endres introduced the idea of a "Hospital Building Safety Board
19 Roadshow", as a way to educate the public on the differences between HCAI and
20 OSHPD and provide an opportunity to meet OSHPD staff and encourage
21 networking.

22 Teresa Endres presented a slide on the contents of the roadshow, including
23 organizational charts, facility design and development, and the role of HCAI, as
24 well as OSHPD's responsibilities.

25 **Discussion & Public Input:**

- 26 ● Mia Marvelli suggested adding a slide showing how people can get
27 involved with the roadshow.
- 28 ● Scott Mackey agreed that including an invitation to attend meetings, both
29 in person and virtually, would be helpful.
- 30 ● Teresa Endres confirmed that the updated slides would include links to
31 upcoming meetings and highlight any vacancies on the board to
32 encourage public participation.
- 33 ● Louise Belair suggested adding a slide about how to get involved in
34 OSHPD's activities.
- 35 ● Scott Mackey asked if Teresa could share which groups have seen the
36 presentation so far.
- 37 ● Teresa Endres mentioned that they had done activities which were
38 successful. A test run with the Academy of Architecture for Health was

1 completed, and they had plans to present to more organizations,
2 including to other AIA chapters.

- 3 ● Scott Mackey asked if the AIA chapter focus was the only target group for
4 outreach.
- 5 ● Teresa Endres confirmed that in their efforts to make the roadshow
6 successful, they were targeting other organizations, and that there are
7 plans for further expert presentations, teaming up with CIA in their efforts
8 towards reaching beyond AIA.
- 9 ● Scott Mackey suggested that board members could recommend
10 organizations that might benefit from the presentation.
- 11 ● Teresa Endres explained that the goal was to refine the presentation
12 through the AIA before extending the invitation to other organizations.

13
14 **4. Item #3: Coordination and cooperation with the Instrumentation Committee**
15 **to develop webinars, workshops and other educational opportunities to**
16 **advance utilization of Structural Health Monitoring by Hospitals using**
17 **seismic instrumentation.**

18 **Facilitator:** Courtney B. Johnson, PG, CEG, Principal Geologist, Slate
19 Geotechnical Consultants, Board Member (or designee)

20 Martin Hudson introduced himself as a member of the Instrumentation committee
21 and started presenting slides on seismic instrumentation.

22 Scott Mackey thanked Martin for presenting in-person.

23 Martin Hudson presented the white paper report prepared by the Instrumentation
24 Committee, touching on usefulness and benefits of seismic instrumentation.

25 Overall, the presentation focused on a status report, benefits, the maximizing of
26 efficiencies in instrumentation, data processing, and result transmission, as well
27 as results for outreach to educate hospital owners on its importance. He added
28 that after an earthquake, people look at the building and wonder if it is safe.

29 He said that in recent earthquakes, due to tremors caused by the earthquake, the
30 committee has seen hospitals abandon packing procedures because of minor
31 damage, and people typically struggle to differentiate between structural and
32 non-structural damage. He mentioned instrumentation allows people to get an
33 assessment on the condition of the building where it is installed. He also included
34 that the committee's current objective is to connect with stakeholders, a term
35 which is inclusive of facility staff, emergency responders, decision makers,
36 professional engineers, the scientific community and the interested members of
37 the public.

1 Martin Hudson then said that the committee is building upon the topic of the 2023
2 instrumentation white paper on seismic instrumentation and data processing, as
3 well as structural health monitoring. He said that they need the expertise of the
4 Education and Outreach committee in order to accomplish their objectives.

5 **Discussion and input:**

- 6 ● Scott Mackey suggested that the data recorded from these systems could
7 help other stakeholders prepare for potential impacts from an earthquake
8 by sharing information. He emphasized that the benefits of the
9 instrumentation program should be explained clearly to stakeholders,
10 especially regarding data sharing after an event, so as to encourage
11 them to implement it. He added that they can even explore whether AI
12 could be helpful to the system. He also added that the committee should
13 share the potential costs as well.
- 14 ● Kelly Martinez expressed the need for information regarding the permit
15 implications for installing seismic instrumentation and how long that
16 process would take.
- 17 ● Bill Zellmer asked if there is already a list of facilities with instrumentation.
- 18 ● Chris Tokas directed him to the facilities webpage, where details about
19 instrumentation in facilities can be found.
- 20 ● Martin Hudson clarified that not all facilities have instrumentation, and
21 those with instrumentation have different levels of installation, with some
22 being more advanced than others.
- 23 ● Jim Malley added that there's an official program for instrumentation
24 through CGS and OSHPD and discussed how private facilities could
25 independently pursue instrumentation for their buildings.
- 26 ● Chris Tokas discussed the types of instruments available, from basic to
27 more advanced systems, and shared some of the ongoing discussions in
28 the instrumentation committee about tailoring the program for each
29 facility.
- 30 ● Jim Malley suggested engaging with someone experienced in
31 earthquakes in Turkey to gain some insight to share with the public.
- 32 ● Bruce Rainey raised questions about how building owners with existing
33 instruments could upgrade or expand their systems, what the costs would
34 be, and/or what the future cost of upgrading might be. He also inquired
35 about who makes those decisions.
- 36 ● Martin Hudson explained that the goal is to create a system that provides
37 quick and reliable assessment data without the need for human
38 intervention.

- 1 ● Bruce Rainey raised further concerns about who would have the authority
2 to make evacuation decisions based on the instrumentation system's
3 data.
- 4 ● Martin Hudson clarified that instrumentation is not intended to replace
5 professional evaluations, but to provide preliminary information that can
6 assist those onsite in deciding whether there is need to evacuate. He
7 added that the system will not replace the need for red tags during an
8 evacuation procedure. He asked Jim Malley for input, who described
9 instrumentation as a helpful tool in deciding on interventions before
10 jumping to evacuation.
- 11 ● Chris Tokas said that one of the considerations that occupants have
12 during seismic activity is whether they need to get out of the building they
13 are in and whether it is safe, as such questions are natural thoughts for
14 humans to have before, during, and after an earthquake.
- 15 ● Scott Mackey asked when a webinar about seismic instrumentation
16 would be available.
- 17 ● Martin Hudson responded that he is not sure when exactly the webinar
18 will likely be available, but that he is visualizing a period of within a year,
19 following more coordination between the Instrumentation and Education
20 committees, and that timelines will be part of the agenda..
- 21 ● Scott Mackey opened the floor for further comments and questions about
22 the instrumentation webinar from community members.
- 23 ● Scott Mackey encouraged progress on the webinar, and informed Martin
24 Hudson that the presentation was a great start. He urged him to continue
25 preparing the agenda ready for a meeting that would take place within the
26 year.
- 27 ● Martin Hudson stated that the Instrumentation Committee would begin
28 refining the webinar content according to the feedback received.
- 29 ● Jim Malley suggested asking Wendy Bohan from CGS to share her
30 thoughts about outreach efforts and how they could collaborate with
31 OSHPD on making videos.
- 32 ● Wendy Bohan from CGS offered to collaborate on creating short-form
33 videos on the importance of the proposals of the white paper to be
34 included in the webinar for the public to understand the importance of the
35 information, and said that the videos will not exceed a total of 3 minutes.
- 36 ● Scott Mackey thanked Wendy Bohan and expressed enthusiasm about
37 partnering with other agencies and integrating their materials into the
38 presentation.

- 1 ● Martin Hudson agreed that short introductory videos would help build
2 interest and attract attendees to the full webinar.
- 3 ● Scott Mackey liked the idea of using video trailers to get people excited
4 about the webinar. He asked if there were any other questions or
5 feedback from the public. He also added that he looks forward to the
6 instrumentation committee getting back and partnering with them. He
7 thanked everyone and emphasized the importance of teamwork ahead of
8 the next steps for continuing the development of the webinar.

9
10 **5. Item #4: Update on the Policy Intent Notice (PIN) 50 - Integrated Review**
11 **Webinar.**

12 **Facilitator:** Gary Dunger, Supervisor, HCAI (or designee).

13 Gary Dunger reported that the webinar that was held on September 25th had
14 over 550 logins, conservatively estimating around 1,000 attendees. The feedback
15 was very positive, and many indicated they would recommend the training to
16 others. He had no updates on any requests for additional training sessions but
17 added that they are ready if needed.

18 **Discussion and input:**

- 19 ● Scott Mackey expressed satisfaction with the outcome of the webinar and
20 opened the floor to any questions or comments regarding PIN 50 of the
21 Integrated Review.
- 22 ● Mia Marvelli mentioned that the PIN 50 document is in its final review
23 stages and will be published before the next education and outreach
24 meeting.
- 25 ● Scott Mackey asked if the updates to the PIN justify another webinar or if
26 the content is self-explanatory and can be reviewed individually by those
27 interested.
- 28 ● Mia Marvelli responded that the updates do not necessitate another
29 webinar.
- 30 ● Scott Mackey thanked Mia for the update and confirmed the content will
31 be posted online.
- 32 ● Teresa Endres asked if the webinar is available on the website.
- 33 ● Scott Mackey confirmed they would check the availability of the webinar
34 link on the website. He asked if there were any further questions from
35 staff or the public.
- 36 ● Mia Marvelli mentioned that the webinar link still shows as "coming soon"
37 and said that they would investigate why it hasn't been linked yet.

- Scott Mackey confirmed that the webinar was recorded and said that the relevant team just needed to get the link posted. He reiterated that the link would be posted soon and thanked Diana Navarro and Gary Dunger for their work on the webinar.

6. Item #5: Follow up from the Preapproved Fabricated Components and Systems webinar held on June 25, 2024

Facilitator: Scott Mackey (or designee)

Scott Mackey reported that the Preapproved Fabricated Components webinar was well attended, and that they will ensure that the video link is posted. He said there was a public request for a follow-up session to address questions on the process and procedure, and on where inspections take place.

Discussion and input:

- Chris Tokas acknowledged the importance of continuing the momentum on this topic, emphasizing that more questions will always arise as new systems are fabricated.
- Teresa Endres asked if the questions for the follow-up were coming from the chat or direct outreach and suggested pulling questions from various sources.
- Scott Mackey confirmed that the questions were coming from a variety of sources, and that there was a lot of confusion on the process. He added that a 'Part B' session could be helpful to clarify everything. He proposed that the follow-up could be integrated into the agenda for an in-person seminar to facilitate more direct interaction.

Scott Mackey closed the discussion on a Part B or follow-up session to the pre-approved fabricated components webinar and confirmed that it will remain on the agenda for the next meeting with an update on defining the session's contents.

7. Item #6: Update on the Inspect-to-Pass Approach to Field Inspections Webinar Development Subcommittee.

Facilitator: Michael Davis, CHI, Senior Consultant, Davis HBC, Inc., Committee Member (or designee)

Michael Davis shared the update that the previous objectives still stand, with meetings scheduled for 2/27, 3/27, and 4/24. He reported that the goal for these meetings is to review material from each subcommittee, refine the process, and to add case studies by 4/24, aiming for a presentation by the end of the year.

1 **Discussion and input:**

- 2 ● Scott Mackey inquired about the possibility of finalizing a name for the
3 webinar and opened the discussion for input.
- 4 ● Monica Colosi proposed several renaming options for the webinar:
5 Collaborative Inspection Approach, Proactive Inspection Philosophy,
6 Project Centric Inspection, and Compliance Focused Inspection. She
7 suggested "Collaborative Inspection Approach" as a good fit.
- 8 ● Scott Mackey asked if a vote was necessary to finalize the name or if it
9 could be agreed upon informally.
- 10 ● Veronica Yuke clarified that the name of the webinar could be decided
11 without a vote.
- 12 ● Scott Mackey agreed with Monica Colosi's suggestion and opened the
13 floor for further discussion.
- 14 ● Michael Davis expressed a preference for "Collaborative Inspection
15 Approach" and "Project Centric Inspection," emphasizing the title's focus
16 on the project's success.
- 17 ● Michael Davis questioned whether to keep "Inspect to Pass" as part of
18 the title, supporting the shift in focus to that of the "Collaborative
19 Inspection Approach."
- 20 ● Chris Tokas agreed with keeping "Inspect to Pass" as part of the
21 discussion due to its strong association with the inspection process and
22 its role in compliance but acknowledged it may not need to be in the title.
- 23 ● Monica Colosi explained that the entire process is collaborative, from
24 design to construction to inspection, and that "Inspect to Pass" aligns with
25 the collaboration but should not be the title.
- 26 ● Scott Mackey agreed that the collaborative approach should be the main
27 focus, as long as the webinar still acknowledged the "Inspect to Pass"
28 concept even though it will no longer be part of the title.
- 29 ● Scott Mackey thanked Monica Colosi and asked for any further questions
30 or comments from staff.

31 **Public Comments:**

- 32 ● Todd Davis, a member of the public, supported the title change, pointing
33 out the "CIA" acronym (Collaborative Inspection Approach) and
34 suggesting that "Inspect to Pass" terminology could still be incorporated
35 throughout the presentation.
- 36 ● Scott Mackey confirmed that there is no motion needed for the new CIA
37 title and moved forward with the update.

- Scott Mackey thanked the public for their comments, agreeing that the title "Collaborative Inspection Approach" effectively conveys the team's collaboration approach rather than emphasizing the pressure of passing.

8. Item #7: Update on PINs, CANS, and Advisory Guides.

Facilitator: Mia Marvelli, Architect, Supervisor, HCAI (or designee)

Mia Marvelli provided an update, mentioning several upcoming webinars, including one on the "Small and Rural Hospital Relief Program" scheduled for February 20th, focusing on seismic resiliency and eligibility for grants. She encouraged attendees to share this information with their networks.

Chris Tokas agreed with Mia Marvelli, emphasizing the importance of promoting the compliance seminar and encouraging attendance.

Mia Marvelli moved on to updates about the recently published guidance. She discussed the revised "Nurse Stations CAN," which clarifies the location and size of units, especially regarding new A2L refrigerants. She also mentioned updates to "PIN 74" related to power sources and life-saving equipment, as well as "PIN 51" on pre-approved details, which clarifies the requirements for stamping and signing for design professionals.

She continued with the updates, mentioning the release of PIN 78 (Fire pump automatic switches), PIN 79, and advisory guides related to the electrical code for fire pump stations and tier four generators. She also updated attendees on the release of future advisory guide programs. First is guide A4, regarding acute site hospital requirements and other items related to weather protection for interior gypsum board. Then, Advisory Guide A6 for alternate sources of power to maintain safe temperatures. Advisory Guide A13 for the NPC Upgrade construction process for existing ceilings will follow, and finally, Advisory Guide A13 will be for weather protection for interior Gypsum Wallboard.

Discussion and input:

- Scott Mackey asked if "CAN 102" would be absorbed into the new advisory guide, and Mia Marvelli confirmed that the CAN would be replaced by the guide.
- A public member asked if OSFM agrees with the generator-related guidance.
- Mia Marvelli responded, confirming that outreach had occurred, but she wasn't certain about full agreement.
- Scott Mackey suggested following up with OSFM to confirm their concurrence on the generator issue.

1 **9. Item #8: Update on a Program Flex Unit collaboration with California**
2 **Department of Public Health (CDPH).**

3 **Facilitator:** Scott Mackey (or designee)

4 Scott Mackey moved on to Item #8, acknowledging that the collaboration was still
5 in progress due to changes on CDPH's side.

6 **Discussion and input:**

- 7 ● Mia Marvelli provided a minor update, explaining that CDPH had acquired
8 a new program manager, and that communication was ongoing, but that
9 there was still uncertainty about the direction of the collaboration due to
10 the change.
- 11 ● Kelly Martinez suggested that program flexibility should be part of the
12 functional program advisory guide, which could be submitted to CDPH for
13 feedback. She also recommended involving CDPH in the webinar for
14 better collaboration.
- 15 ● Mia Marvelli agreed with Kelly Martinez, stating that some aspects of the
16 Program Flex Unit overlap with AMCs and functional programs.
- 17 ● Scott Mackey emphasized the importance of ensuring that information is
18 effectively communicated and that all stakeholders are involved in the
19 process. He recommended tracking and evaluating the Program Flex Unit
20 opportunity.

21
22 **10. Item #9 Update on exploring the opportunity to develop a Small and Rural**
23 **Hospital Relief Program webinar.**

24 **Facilitator:** Scott Mackey (or designee)

25 **Discussion and input:**

- 26 ● Mia Marvelli suggested putting a report out on seismic compliance
27 webinars and the AB 869 regulations in time for the next meeting.
- 28 ● Chris Tokas added that the webinars would explain how smaller hospitals
29 can comply with AB 869 and use the funding available for seismic
30 compliance.
- 31 ● Scott Mackey requested regular financial updates on the program, such
32 as who is benefiting and whether there are any surpluses or shortages of
33 funds.
- 34 ● Chris Tokas confirmed that the webinars would cover the financial
35 aspect, including how the available funds can be utilized to achieve
36 seismic compliance as quickly as possible.

1 **11. Item #10: Update on the creation of a Sustainability Guide for dealing with**
2 **extreme natural hazard events.**

3 **Facilitator:** Scott Mackey (or designee)

4 Scott Mackey introduced Item #10, discussing the creation of a subcommittee to
5 come up with a sustainability guide for dealing with extreme natural disaster
6 events, including topics like air quality, fire, self-sustaining utilities, and storage.
7 He sought volunteers for a subcommittee to focus on these issues.

8 **Discussion and input:**

- 9 ● Bruce Rainey pointed out that the focus seemed to be more on resilience
10 than sustainability, as the term "sustainability" is often associated with
11 broader goals.
- 12 ● Scott Mackey agreed, acknowledging the need to address the issue of
13 extreme events and help facilities deal with their impacts without focusing
14 on climate change. He emphasized the broader scope of issues such as
15 fire, which destroys the community.
- 16 ● Louise Belair volunteered for the subcommittee.
- 17 ● Scott Mackey welcomed her and clarified that they do not have a timeline
18 while the project is in its early stages but repeated the growing
19 importance of addressing these issues.
- 20 ● Chris Tokas explained that efforts around power independence, such as
21 microgrids and electrified facilities, are already in progress to ensure that
22 healthcare facilities remain operational during extreme weather events
23 like fires or PSPSs (Public Safety Power Shutoffs).
- 24 ● Mia Marvelli suggested a review of the existing "Planning and Preparing
25 for Disasters" guide and updating it if necessary, rather than creating a
26 new document from scratch.
- 27 ● Teresa Endres added that most of the required standards were already
28 covered in the existing guide, which includes advice for dealing with
29 wildfires, air quality, HVAC systems, and pandemics. She recommended
30 sharing the guide through outreach efforts such as webinars.
- 31 ● Scott Mackey echoed that even with the existing disaster guide, it is
32 important to do outreach to ensure that the information reaches the right
33 people. He suggested a webinar to present the guide's findings.
- 34 ● Teresa Endres said that talks began about the emergency disaster guide
35 in 2017, and that there is a chapter on pandemics and a chapter on
36 wildfire. She said they had involved experts at the time, but if someone
37 were to go through it and find that something is lacking then it should be
38 addressed.

- 1 ● Louise Belair said that if the guide already exists then she doesn't want to
2 change anything.
- 3 ● Scott Mackey said that if the material does exist, outreach such as a
4 webinar would be beneficial so that as many people as possible are
5 made aware of the available materials.
- 6 ● Louse Belair suggested reviewing the latest research on air filtration, as
7 new studies may provide additional insights into air quality during
8 extreme events.
- 9 ● Kelly Martinez added that hospitals are required to conduct hazard
10 vulnerability assessments (HVAs) and that the guide could support them
11 by offering tools and real-world examples, particularly for common
12 California disasters like fires and earthquakes.
- 13 ● Chris Tokas highlighted the work being done with microgrids, reporting
14 that they are part of the future of resilient hospital design, ensuring that
15 healthcare facilities can operate regardless of their traditional power
16 vulnerabilities during emergencies.
- 17 ● Scott Mackey proposed retitling the initiative to "Designing for Resilience"
18 and focusing on resources like the disaster guides and the concept of
19 island hospitals (facilities that generate their own power) as part of the
20 resilience strategy.
- 21 ● Mia Marvelli confirmed that the idea of creating independent and resilient
22 hospital designs was already in progress, particularly through the use of
23 microgrids and on-site power generation.
- 24 ● Scott Mackey decided to leave this item on the agenda, retitled
25 "Designing for Resilience", and said that he would revisit it in the next
26 meeting.

27
28 **12. Item #12: Comments from the Public/Committee Members on Issues not on**
29 **this Agenda.**

30 **Facilitator:** Scott Mackey (or designee)
31 Scott Mackey opened the floor for final comments from the public, committee
32 members, or staff on unrelated topics and there were no comments.

33
34 **13. Item #13: Adjournment.**

35 Scott Mackey adjourned the meeting at 12:49 p.m.