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## **HOSPITAL BUILDING SAFETY BOARD Full Board Meeting**

**Tuesday, December 5, 2023**

**1:00 p.m. – 4:00 p.m.**

**Wednesday, December 6, 2023**

**9:00 a.m. – 3:00 p.m.**

### **Teleconference Meeting**

Day 1- Access Code: 586 355 929

Day 2- Access Code: 740 313 837

### **Appointed Members Present**

Louise Belair, Chair  
Scott Jackson, Vice Chair  
Cody Bartley  
David Bliss  
Janice Cheung  
Michael Davis  
Gary Dunger  
Teresa Endres  
Michael Foulkes  
John Griffiths  
Martin Hudson  
Michele Lampshire  
Marshall Lew  
Scott Mackey  
Jim Malley

### **HBSB Staff Present**

Veronica Yuke, Acting Executive Director  
Evet Torres

### **Ex-Officio Members Present**

Scott Christman, HCAI Director Delegate  
Wendy Collins, State Fire Marshall Delegate  
Jennifer Thornburg, State Geologist Delegate  
Kevin Day, BSC Executive Director  
Nathaniel Gilmore, CDPH Delegate  
Chris Tokas, OSHPD Deputy Director

### **Director-Appointed Ex-Officio Members Present**

Bert Hurlbut  
Michael O'Connor

### **HCAI Staff Present**

Arash Altoontash  
Richard Tannahill  
Joe LaBrie  
Roy Lobo  
Mia Marvelli  
Nanci Timmins  
John Gray

1     **1. Call to order and Welcome**

2     Louise Belair, Board Chair, called the meeting to order on December 5, 2023, at 1:00  
3     p.m., and HBSB Veronica Yuke, Acting HBSB Executive Director, called roll.  
4

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

6     Eight members of the Committee present constitute a quorum. There being twelve  
7     present at the time of roll, a quorum was established.  
8

9     Ms. Yuke read the public announcement regarding meeting rules and procedures.  
10

11    **3. Nomination and election to fill the unexpired Vice-Chair vacancy**

12    **Presenter:** Louise Belair, Board Chair  
13

14    Ms. Belair announced that Mr. Jackson was retiring, hence the vice chair position  
15    needed to be filled.  
16

17    Ms. Belair nominated Mr. Malley as the Board vice-chair for the remainder of the term  
18    that will end in 2024.  
19

20  
21    **Discussion and Input**

- 22
  - None  
23

24    **MOTION:**

25    The board unanimously voted to nominate Jim Malley as the Board vice-chair.  
26

27    **Informational and Action item**

- 28
  - None  
29

30    **4. Department of Health Care Access and Information (HCAI) Update**

31    **Presenter:** Scott Christman, HCAI Chief Deputy Director  
32

33    Scott Christman stated that the governor's proposed budget was estimated to be  
34    released on January 10, 2024.  
35

36    Mr. Christman highlighted the 50th anniversary of the Song-Brown Healthcare  
37    Workforce Training Act, emphasizing its significance in supporting primary care training,  
38    particularly for family physicians, family nurse practitioners, physician assistants,  
39    registered nurses, and midwives.  
40

1 Mr. Christman acknowledged that 2023 marked the 50th anniversary of the Alfred E.  
2 Alquist Hospital Seismic Safety Act.

3  
4 Mr. Christman stated that legislation bill SB 525 was a minimum wage law gradually  
5 implementing a \$25 minimum wage for healthcare employees, featuring various phase-  
6 in wage schedules based on employer type and size. He discussed that the law  
7 incorporated a waiver process for clinics, allowing them to apply for a temporary pause  
8 or an alternative phase-in schedule under specific hardship conditions primarily related  
9 to financial distress.

10  
11 Mr. Christman talked about SB 326, an administration-sponsored bill that expanded the  
12 existing Mental Health Services Act to the Behavioral Health Services Act, aiming to  
13 offer essential services and housing support to individuals with substance use disorders  
14 and mental health challenges.

15  
16 Mr. Christman stated that additional bills related to HCAI included:

- 17 • SB 779 - introduced new statutory requirements to expand data collection  
18 from California clinics.
- 19 • AB 1392 - focused on expanding the hospital supplier diversity program.
- 20 • AB 1471 - addressed seismic compliance milestones for specific hospitals.
- 21 • AB 242 contributed to a new bill allowing critical access hospitals to employ  
22 physicians directly.

23  
24 Mr. Christman highlighted HCAI accomplishment programs:

- 25 • The Distressed Hospital Loan Program had 30 applications and offered loans to  
26 17 hospitals.
- 27 • HPD program released first data product in 2023.
- 28 • OHCA new efforts to slow healthcare spending growth through engagement  
29 with healthcare stakeholders, sibling state departments, and the public.

## 30 31 **Discussion and Input**

32 Mr. Tokas stated that the purpose of the Board is to provide advice to the Director of  
33 HCAI on the administration of hospital facilities, specifically in relation to the  
34 requirements and mandates outlined in the Seismic Safety Act.

35  
36 Mr. Tokas swore in new HBSB members Janice Cheung, Fire/Life Safety  
37 Representative; and Martin Hudson, Geotechnical Engineer Representative.

1 Mr. Tokas also recognized outgoing HBSB members Bruce Clark, Engineering  
2 Geologist Representative; Scott Jackson, Fire/Life Safety Representative;  
3 Michele Lampshire, Public Member Representative; and Marshall Lew, Geotechnical  
4 Engineer Representative; and thanked them for their excellent work.

5  
6 Mr. Bliss asked if the corporate practice of medicine exception was time limited. Mr.  
7 Christman answered that the pilot was time limited but AB242 lifted the timing.

#### 9 **Informational and Action item**

- 10 • None

### 12 **5. Overview and approval of the August 17, 2023, Full Board draft Meeting** 13 **Report/Minutes**

14 **Presenter:** Louise Belair, Board Chair

15  
16 Ms. Belair gave a review of the August 17, 2023, Full Board meeting. The topics  
17 discussed were:

- 18 • **Topic 1:** Call to Order and Welcome.
- 19 • **Topic 2:** Roll Call and Meeting Advisories/Expectations.
- 20 • **Topic 3:** HCAI Update – Elizabeth Landsberg, HCAI Director
  - 21 • Swearing in new HBSB Board members
    - 22 ▪ Michael Davis – Inspector of Records Representative
    - 23 ▪ Teresa Endres – Architect Representative
    - 24 ▪ Sharon Goei – Local Building Official Representative
  - 25 • Recognition of outgoing HBSB Board members
    - 26 ▪ Deepak Dandekar – Architect Representative
    - 27 ▪ David Khorram – Local Building Official Representative
  - 28 • Ms. Landsberg gave an update on bills and budgets:
    - 29 ▪ HCAI distributed funds for Healthcare Workforce Department
    - 30 ▪ HCAI formed Racial Equity Team
  - 31 • HCAI overseeing CalRx Biosimilar Insulin Initiative
- 32 • **Topic 4:** Overview and approval of the April 20, 2023, Full Board draft  
33 Meeting Report/Minutes – Scott Jackson, Board Vice-chair
  - 34 • Highlights were:
    - 35 ▪ Recognition of outgoing Board Member: Mike Hooper – IOR  
36 (Inspector of Records) representative.
    - 37 ▪ Bagley Keene Open Meeting Act Presentation.

- Review and approval of December 7 and 8, 2022, Full Board Meeting.
- Committee Report Overview and approval: Code and Processes, Instrumentation, Structural and Non-Structural Regulations, Ad Hoc Board Procedures, Education and Outreach.
- OSHPD Updates and highlights were reviewed.
- Healthcare Microgrids Updates.
- Leadership Training for Board Members.
- **Topic 5:** Energy Conservation and Management Committee – Scott Jackson, Committee Chair
  - Overview and approval of March 16, 2023, draft meeting report/minutes.
  - Highlights were:
    - Presentations on the following topics:
      - Aircuity Hospital Application.
      - Supply Chain and Climate Impacts on Healthcare Design and Construction.
  - Review of goals for 2024
- **Topic 6:** Structural and Non-Structural Regulations Committee – Jim Malley, Committee Chair.
  - Overview and approval of April 11, 2023, draft meeting report/minutes.
  - Highlights were:
    - Discussion of findings and lessons from the Turkey earthquake.
    - Updates to PIN 62 – OSHPD Preapproval of Manufacturer's Certifications (OPM).
    - Testing criteria for allowable load rating of vibration isolators.
    - Committee Goals for 2023.
- **Topic 7:** Codes and Processes Committee – Michael O'Connor, Committee Chair.
  - Overview and approval of the May 9, 2023, draft meeting report/minutes.
  - Highlights were:
    - Introduction of Mia Marvelli as the new Building Standard Unit Supervisor.
    - 2024 California Electrical Code Cycle Part 3 – proposed changes.

- Update on eTIO Development.
- Standard Details Update.
- **Topic 8:** Offsite Fabrication/Preassembled Components Webinar  
Subcommittee of the Education and Outreach Committee – Cody Bartley – Subcommittee Chair.
  - Overview and Approval of June 21, 2023, and June 27, 2023, draft meeting report/minutes.
  - Highlights were:
    - June 21, 2023: Discussed media, intent of webinar, presentation order.
    - June 27, 2023: Review slide content, discuss PCS examples, and receive public comments.
- **Topic 9:** Topic 9: OSHPD Update - Chris Tokas, OSHPD Deputy Director.
  - Review the purpose of HCAI strategic planning.
  - Review of HCAI core values and guiding principles
  - Description of HCAI operational plan to achieve established goals.
  - Update on HCAI review and field performance.
  - Achievements:
    - A2511 Guide has been published.
    - FREER Manual has been updated.
  - Information about NPC-5 Water Rationing Plan guide.
- **Topic 10:** Inspection Service Unit - Joe LaBrie, Inspection Services Unit Supervisor.
  - Overview of progress of goals of the Inspection Services Unit:
    - Field Operation Manual
    - HICE Exams
    - IOR Training Program
    - CO Training
    - IOR Mobilization Survey
    - Field Brief Advice
    - Tip of the Day
    - eTIO

- HBSB Seminar
- Safety Training
- Enhanced Monitoring
- **Topic 11:** Building Standards Unit Update – Mia Marvelli, Building Standards Unit Supervisor.
  - Update on Building Standards Unit launching into the 2024 Triennial Code Adoption Cycle.
  - Announcement of coordination council meeting at the end of September between leaders of multiple state agencies on code changes.
  - Call for applications for the code advisory committee to review code changes for technical merit.
  - California Building Standards Commission is seeking representatives for acute care hospitals, skilled nursing facilities, and primary and specialized clinics.
  - Update on HCAI/CDPH coordination.
  - Update on HCAI/California Administrative Code Coordination.
  - HCAI / AIA Collaboration through different CA Chapters.
  - OSHPD Seminar – Tips from the Experts.
- **Topic 12:** Structural Service Section Update – Ali Sumer
  - Report on inventory of buildings of SPC categories
  - Focus on AB 2190 – SPC 1 buildings - report on progress to compliance.
  - Introduction of NPC 4D Building operational plan tab on Facility Detail website page.
  - Report on AB1882 public notices and annual status updates.
  - Discussion about upcoming Seismic Compliance Unit webinars.
- **Topic 13:** Comments from the public/board members not on this agenda – Michael O'Connor.
  - Discussion about feedback from the Maui wildfire experience – The National Fire Protection Association has provided input on their website.

- **Topic 14:** Adjournment – Michael O'Connor.
- The meeting adjourned on August 17, 2023, at approximately 2:55 pm.

#### **Overview of motions**

- Motion 1: The board unanimously voted to approve the April 20, 2023, Full Board meeting and Leadership Training for Board Members draft Report/Minutes as presented.
- Motion 2: The board unanimously voted to approve the March 16, 2023, Energy Conservation and Management Committee draft Meeting Report/Minutes as presented.
- Motion 3: The board unanimously voted to approve the April 11, 2023, Structural and Non-Structural Regulations Committee Draft Meeting Reports/Minutes as presented.
- Motion 4: The board unanimously voted to approve the May 9, 2023, Codes and Processes Committee draft Meeting Report/Minutes with correction.
- Motion 5: The board unanimously voted to approve the June 21, 2023, and June 27, 2023, Offsite Fabrication/Preassembled Components Webinar Subcommittee of the Education and Outreach Committee as presented.

#### **MOTION: [Belair/Foulkes]**

The board unanimously voted to approve the August 17, 2023, Full Board Meeting draft report/minutes.

#### **Information and Action item**

- None

### **6. Energy Conservation and Management Committee**

**Presenter:** John Griffiths, Committee Vice-Chair

Mr. Griffiths gave an overview of the October 25, 2023, draft meeting report/minutes.

Mr. Griffiths stated that the October 25, 2023, meeting highlighted:

- Microgrid Task Force Updates
- Intervening code cycle changes for the California Electrical Code.
- Microgrid Project at KP San Marcos Med Center.



- Microgrid components.

Mr. Griffiths concluded that the Energy Conservation and Management Committee would pursue more topics for 2024 that included the following:

- Microgrid operations - under the new code implementations for Skilled Nursing Facilities.
- Practical applications- in California Medical facilities for indoor air quality monitoring.
- Diverse applications -for emergency power and their carbon footprint reductions.
- Goal setting for 2024.
- Research application for Aircuity Inc.
- Code changes such as AB1125 impact SFNs.

#### **Discussion and Input**

- None.

#### **Information and Action item**

- None.

#### **MOTION: [Griffiths/Malley]**

The board unanimously voted to approve the Energy Conservation and Management Committee on October 25, 2023, draft meeting report/minutes.

### **7. Education and Outreach Committee**

**Presenter:** Scott Mackey, Committee Chair

Mr. Mackey gave an overview of the May 24, 2023, Education and Outreach Committee meeting. He reported that the meeting focused on how the October 2023 Tips from the Experts seminar would be structured, and that the milestones included planning, presentation draft, final presentation preparation, and rehearsal of the seminar.

Mr. Mackey stated the meeting addressed other webinar topics that were on schedule:

- Off-Site Fabrication/Pre-Assembled Components – Webinar date still to be determined.
- California Administration Code – on hold until the end of the year.
- Policy Intent Notice (PIN) 50: Integrated Review – presentation materials due July 26, 2023.
- Emergency Process Design Guide – Final draft materials due July 26, 2023.
- OSHPD 3 Clinics – Presentation complete. Scheduling webinar for Spring 2024.
- Testing, Inspection, and Observation Program – Webinar to be developed around the eTIO once activated.
- PINs and CANs – On hold pending further development.

Mr. Mackey stated that there were no motions presented in the May 24, 2023, Education and Outreach Committee meeting.

Mr. Mackey gave an overview of topics for the July 26, 2023, Education and Outreach committee meeting:

- Planning and development of 2023 Seminar:
- Confirmation of Seminar event dates: October 5, 2023, in Newark, CA; and October 10, 2023, in Irvine, CA.
- Breakdown of Seminar sessions, agenda, and resources presented.
- Confirmation of Presenters:
  - Session 1 - Chris Tokas, Richard Tannahill.
  - Session 2 - Gary Dunger, Burt Hurlbut, and Kelly Martinez.
  - Session 3 - Joe LaBrie, Mike Hooper, and Monica Colosi.
  - Session 4 - Richard Tannahill, Marshall Lew, Scott Mackey, Gary Dunger, Joe Malley, Louise Belair and John Griffiths.
  - Closing Comments - Chris Tokas.
- General overview of each session topic by Scott Mackey, Mike Hooper, and Richard Tannahill.

Mr. Mackey said the committee discussed the following webinar topics status:

- California Administrative Code Webinar- currently on hold.

- 1 • Policy Intent Notice (PIN) 50 Webinar- Mr. Dunger reported the presentation
- 2 was submitted to staff for review, focusing on electronic plan review and how
- 3 owners or designers would interface with the program.
- 4 • Emergency Process Design Guide- Mr. Tannahill reported the guide was in
- 5 the final review and formatting stage.
- 6 • PINs and CANs Webinar – Mr. Tannahill reported the presentation would be
- 7 completed soon.

8 Mr. Mackey stated that there was a motion to approve the May 24, 2023, Education and  
9 Outreach committee meeting and was unanimously approved.

10  
11 Mr. Mackey gave a review of the August 30, 2023, Education and Outreach Committee  
12 meeting in which there was a discussion on the planning and development for the 2023  
13 Seminar. The topics discussed were:

- 14 • Confirmation of Seminar rehearsal date: September 27, 2023.
- 15 • Ms. Martinez outlined Tips for Owners by organizing the work by phase.
- 16 • Mr. Lew outlined the Geologic Hazards section would be based on Note 48 of
- 17 the code.
- 18 • Mr. Tannahill outlined the roles and responsibilities of the registered design
- 19 professional in responsible charge – architecture.
- 20 • Mr. Malley outlined the roles and responsibilities of the structural engineer.
- 21 • Ms. Belair outlined the roles and responsibilities of the mechanical, electrical,
- 22 and plumbing engineers.
- 23 • Discussion regarding the flow of the seminar, responsibilities for specific
- 24 presenters, identifying who would be responsible for answering audience
- 25 questions, and other location specifics.

26  
27 Mr. Mackey said there was a motion to approve the July 26, 2023, Education and  
28 Outreach committee meeting report, which was unanimously approved.

29  
30 Mr. Mackey reported on the September 27, 2023, Education and Outreach Committee  
31 meeting topics:

- 32 • Ms. Marvelli report on the status of the final edits/revisions to the Tips from
- 33 the Experts Guide booklet that included:
  - 34 ▪ Updated Preface section by Mr. Tokas.

- Updated references to OSHPD, FDD and HCAI, staff names and terminology.
  - Removed Rapid Review Unit (RRU) references.
  - Added Geohazard tips.
  - Updated various code revisions, definitions, and changes to guidelines.
  - Each Session presented their materials with comments, questions, revisions, and additional information provided as requested during the process.
  - Rehearsal completed on time with each session reviewed with final comments and recommendations noted.
- Update on Small and Rural Hospital Relief Program Webinar:
    - Mr. Scheuerman reported the webinar would occur on October 18, 2023, and was presented by the Office of Health Facilities Loan Insurance within HCAI.
    - The webinar covered the program overview, eligibility criteria, eligible projects, and specifics on the Grant Application Process.

Mr. Mackey stated that there were no motions presented at the September 27, 2023, Education and Outreach Committee meeting.

Mr. Mackey discussed the November 1, 2023, Education and Outreach Committee meeting topics:

- California Hospital Projects A to Z... 2023 Seminar Debrief:
  - Report on the results of the 2023 Seminar Series – Tips from the Experts.
    - Consensus: Events were successful with many compliments from attendees.
    - Northern California group seemed more engaged and focused, while Southern California, although engaged and focused, also took advantage of the opportunity to network with presenters and other audience members.
    - It was noted that future seminars should cover less information and slow down the presentations. Allow more networking time between sessions.
    - Future events should focus on distributing sign-up information earlier.

- Having an option to extend events to 2 days to allow more time for sessions and mixers.
- Consider a larger venue to accommodate more attendees- the limit of 150 was tight.
- Mr. Tokas reported that feedback received from both written and discussion was overwhelmingly positive and complimentary.
- Mr. Mackey commented that the combination of staff and non-staff presenters emphasized the working relationship between these groups exists and works.
- Update on Guide for Working on OSHPD Projects:
  - Ms. Marvelli reported that a team of OSHPD staff and two Education and Outreach committee members were working on finalizing the Guide for publication.
  - The update should be completed by January 2024, published by March 2024, and be posted to the website.
  - Mr. Dunger requested that the Guide include reference to and use of the electronic services portal (eSP) and acknowledge its importance and relevance.
  - Final review by the Education and Outreach committee is forthcoming.
- Update on Emergency Design Guide (EDG):
  - Mr. Tannahill reported the draft of the EDG was completed with final chapters being formatted and prepared for publication.
  - The EDG would be completed between December 2023 and January 2024.
  - Final review by the Education and Outreach committee- forthcoming.
- Update on Policy Intent Notice (PIN) 50 webinar:
  - Mr. Dunger reported the materials for the webinar were still in progress.
  - Potential dates for this webinar to be considered in Spring 2024.
- Update on Offsite Fabrication/Preassembled Components webinar:
  - Mr. Bartley reported the webinar was in its final stages of development.
  - The projected date for this event would be February 2024.
  - Mr. Tokas confirmed the event to be a webinar so as to reach a greater audience.
- Opportunities for 2024:
  - Difficulties faced in hospitals regarding the classification of imaging procedures into Class 1, 2, and 3, including the associated regulations.

- Revisit the inspect-to-pass approach and carry-over mentality about its use.
- Roll out OSHPD 6 and educational materials to apply to it.
- Title 22 regulations related to Acuity Adaptable spaces.
- Tips on how to work with OSHPD in the field.
- Solar photovoltaic, battery systems, microgrids and fire alarms.
- How to write a functional program and operational program in the correct way to simplify the process of approval by the California Department of Public Health (CDPH).

Mr. Mackey reported that there were no motions at the November 1, 2023, Education and Outreach Committee meeting.

Mr. Mackey gave an overview of the October 5 and 10, 2023, “Tips from the Experts” Seminar. The seminar was divided into 4 sessions at each location:

- HCAI/OSHPD Topics:
  - History of the Guide.
  - 5 W’s = Who, What, When, Where, and Why?
  - 7 Areas of OSHPD responsibility.
  - OSHPD Quality of Service Survey.
  - Appeals, Services and Electronic Services Portal (eSP).
- Tips for the Owners addressed:
  - Organizing the Work.
  - Project Selection / Identification Phase.
  - Project Planning, Design, Permit and Construction Phases.
  - Project Close-out Phase.
- Working with OSHPD included:
  - Inspector of Record Guidelines.
  - Testing, Inspection and Observation (TIO) Guidelines.
  - Working with OSHPD Field Staff.
- HCAI/OSHPD Roles and Jurisdiction:
  - Overview of Roles and Jurisdiction.
  - Geologic Hazards.
  - Architect’s Roles and Responsibilities.

- Structural Engineer's Roles and Responsibilities.
- Mechanical, Electrical and Plumbing Roles and Responsibilities.

Mr. Mackey reported that 143 people attended the seminar in Newark, and 152 attended the Irvine seminar. Overall, there was a positive response, with general satisfaction and interest expressed in organizing similar events in the future.

## **Discussion and input**

Mr. Griffiths asked if the seminar videos were available on YouTube. Mr. Tokas answered that the video was not available yet.

## **Information and Action item**

- None.

## **MOTION: [Mackey/ Bliss]**

The board unanimously voted to approve the Education and Outreach Committee draft meetings/reports for May 24, 2023; July 26, 2023; August 30, 2023; September 27, 2023; and November 1, 2023.

## **8. Codes and Processes Committee**

**Presenter:** Michael O'Connor, Committee Chair

Mr. O'Connor reported on the August 14, 2023, Codes and Processes Committee meetings. The topics discussed were:

- Topic 1 - California Building Standards Codes Revision for the 2022 Intervening Code Cycle.
  - During California Building Standards Commission) June and August Commission meetings all HCAI Code packages were approved for adoption.
  - Publication period for (CBSC) and State Agency Review 8/20/2023 - 12/2023.
  - Publish Date: January 2024 (180 days).
  - Effective Date: July 1, 2024.
- Topic 2 - 2024 Code Cycle Triennial Proposed Update.
  - Mr. Schnick presented the California Electrical Code (CEC) proposed updates, including coordination with:
    - 2023 National Electrical Code – NFPA 70.

1                               ▪ Coordinate with OSHPD 6 – Chemical Dependency Recovery  
2                               Hospital Buildings.

3 Mr. O'Connor reported that there were two motions at the August 14, 2023, meeting,  
4 which were:

- 5               • Motion to approve the May 9, 2023, meeting reports/minutes as amended.
- 6               • Motion to accept the proposed amendments to the Electrical Code for the  
7               2024 code cycle.

8 Both motions were unanimously approved.

9  
10 Mr. O'Connor highlighted the October 17, 2023, the Codes and Processes Committee  
11 meeting. The topics were:

- 12               • Building Standards Code Cycle Updates:
  - 13                       ▪ 2022 California Building Standard Code, Title 24 Supplement  
14                       (Intervening Code Cycle) - Ms. Marvelli reported that the 2022  
15                       California Building Standard Code, Title 24 Supplement, was at the  
16                       proofing stage by CBSC and State Agencies. Publication Date is  
17                       January 2024.
  - 18                       ▪ 2024 Triennial Code Adoption Cycle - Ms. Marvelli gave a timeline for  
19                       the 2024 Triennial Code Adoption Cycle, stating that there were two  
20                       mandatory due dates to the Building Standards Commission:
    - 21                               ▪ Feb 2024 - submission of the California Mechanical Code  
22                               (CMC), California Plumbing Code (CPC), and adoption of 2024  
23                               Mechanical and Uniform Plumbing Codes.
    - 24                               ▪ May 2024 – submission of the California Administrative Code  
25                               (CAC), California Building Code (CBC) vol. 1 and 2, and the  
26                               California Existing Building Code (CEBC).
- 27               • California Mechanical Code, Part 4 of Title 24 proposed code changes:
  - 28                       ▪ Coordinate OSHPD amendments with the ASHRAE 170, 2021 edition -  
29                       The current version of the CMC follows the guidelines provided in the  
30                       2013 edition of ASHRAE 170.
  - 31                       ▪ Add essential power to cooling systems to align with federal  
32                       requirements – NPC--5 requires a facility with minimum cooling for  
33                       category 1 spaces to remain operational for 72 hours.
  - 34                       ▪ Update CMC Chapter 4 requirements for class 1, 2 and 3 imaging -  
35                       several CMC amendments were made to coordinate with imaging  
36                       classification, including diffuser placement, ventilation, and filtration  
37                       guidelines.



- California Plumbing Code, Part 5 of Title 24 proposed code changes:
  - Plumbing fixture Table 4-2 for non-healthcare spaces under OSHPD - the Intervening cycle provided Table 4-2 for single reference for fixture count. Coordinating all spaces to ensure they are accounted for.
  - Revised maximum hot water branch length for low flow fixtures and limit sensor-operated faucets in high-risk areas (legionella) - CPC 613.6 limits hot water branch to 25ft. Low-flow faucets do not evacuate enough volume.
  - Allow single restrooms for low occupancy spaces such as waiting - new exceptions specific to healthcare for public counts will be provided under CPC422.3.1.
- Update on Electronic Test, Inspection, and Observation (eTIO) Development - eTIO was in the programming coding stage.
- Pre-Approved Detail Update - pre-approved details were developed to identify areas of concern and challenges and would be presented at the next Committee meeting.

Mr. O'Connor stated that the committee unanimously approved the October 17, 2023, Codes and Processes Committee meeting report.

#### **Discussion and input**

- None.

#### **Information and Action item**

- None.

#### **MOTION: [O'Connor/ Foulkes]**

The board unanimously voted to approve the Codes and Processes Committee draft meeting reports/minutes for August 14, 2023, and October 17, 2023.

### **9. Instrumentation Committee**

**Presenter:** Jim Malley, Committee Vice-Chair

Mr. Malley gave a summary of the October 26, 2023, committee meeting. The topics included:

- Topic 1: Review of the Fiscal Year 2022-23 HCAI/CSMIP Hospital Instrumentation Annual Report by the California Strong Motion Instrumentation Program (CSMIP).
  - Introduction to Hospital Instrumentation Projects.
  - Hospital Instrumentation Status:
    - Type 1 - OSHPD-Funded Regular Instrumentation of Hospitals.
    - Type 2 - Owner-Funded Instrumentation of New Hospitals with CSMIP Guidance and Assistance.
    - Type 3 - Owner-Funded Instrumentation of Retrofitted Existing Hospitals with CSMIP Guidance and Assistance.
  - Contract Budget Status.
  - Hospital Instrumentation Upgrade under the California Statewide Strong-Motion Instrument Upgrades.
  - Real Time Structural Monitoring.
- Topic 2: Annual HCAI update to the Committee regarding CSMIP.
- Topic 3: Approval of Final Copy of White Paper on “The Benefits of Strong-Motion Instrumentation in Hospital Facilities.

Mr. Malley reported that there was a motion to accept the final White Paper on the Benefits of Strong Motion Instrumentation.

### **Discussion and input**

Mr. Mackey asked about the post-publication process of the White Paper. Mr. Tokas answered that the White Paper sets the groundwork for initiating discussions with various stakeholders about the value of instrumentation.

Mr. Griffiths asked if the White Paper would be publicly available. Mr. Tokas answered that the White Paper was publicly accessible on the HCAI website.

Ms. Belair noted a correction on the meeting report where the word hologram was used in place of hodogram on page 92, line 32 of the Full Board meeting binder.

### **Information and Action item**

- None.

### **MOTION: [Malley/Mackey]**

The board unanimously voted to approve the October 26, 2023, Instrumentation Committee draft report/minutes with corrections.

## **10. Structural and Nonstructural Committee**

**Presenter:** Jim Malley, Committee Chair

Mr. Malley reviewed the November 7, 2023, Structural and Nonstructural Committee meeting. The topics discussed were:

- Topic 1 –Proposed Amendments to 2025 California Building Code, Title 24 Part 1 (Mia Marvell and Ali Sumer, HCAI).
  - Ms. Marvelli gave a timeline for the code amendments and a timeline for OSHPD and HBSB meetings.
  - Mr. Sumer outlined the proposed amendments to the 2025 California Administrative Code, Title 24, Part 1, Chapter 6.
- Topic 2 - Proposed Amendments to 2025 California Building Code, Title 24 Part 2 (Roy Lobo, Emil Von Roth, and Ali Sumer, HCAI).
  - Mr. Lobo outlined the proposed amendments to the 2025 CBC, Title 24, Part 2:
    - Adoption of ASCE 7-22, Chapter 16A.
    - Adoption of ASCE 7-22, Chapter 19A
- Topic 3 –Proposed Amendments to 2025 California Building Code, Title 24 Part 10 (Ali Sumer, HCAI).
  - Mr. Sumer outlined the proposed amendments to the 2025 California Existing Building Code, Title 24, Part 10.

Mr. Malley stated that there was a motion to support the various amendments to the CBC Title 24 Parts 1, 2, and 10 presented during the meeting. The committee members unanimously voted to approve the motion.

### **Discussion and input**

- None.

### **Information and Action item**

- None.

### **MOTION: [Malley/Foulkes]**

The board unanimously voted to approve the November 7<sup>th</sup>, 2023, Structural and Nonstructural Committee meeting draft report/minutes.

## **11. Ad hoc Board Procedures Committee**

**Presenter:** Michael Foulkes, Committee Chair

### **Discussion and input**

Mr. Foulkes stated that the Ad Hoc Board Procedures Committee had met on December 5, 2023, and discussed that in the absence or delegation by the Chair, the Vice Chair of the Board would take on the Chair's responsibilities, and if the Chair was unable to complete the full term, the Vice Chair would assume the role until the end of the two-year term.

In the event a Vice Chair was unable to complete the full term, the Chair would nominate a board member at the next scheduled Full Board meeting, nominations would be taken from the floor, and elections conducted.

### **Information and Action item**

- None.

### **MOTION: [Foulkes/Malley]**

The board unanimously voted to approve the December 5, 2023, Ad Hoc Board Procedures Committee changes to the Board Policies and Procedures addressing the replacement of the Vice Chair should the Vice Chair become unable to serve out the full-term.

## **12. Administration of process for filling Board Vice-Chair vacancy**

**Presenter:** Louise Belair, Board Chair

### **Discussion and input**

Ms. Belair stated that beginning in April 2024, a nominating committee would seek nominations for the Chair and Vice Chair to serve during the 2025 and 2026 terms, with elections planned for the August 2024 Full Board meeting to ensure the positions were filled in time for the planning of the 2025 year.

### **Information and Action item**

- None.

1 **13. Review and approve 2024 Committee Assignments, Goals and Meeting**  
2 **Calendar**

3 **Presenter:** Louise Belair, Board Chair

4  
5 Ms. Belair talked about HBSB 2024 committees:

6 • **Board Procedure committee:**

- 7     ▪ Committee members: Micheal Foulkes, Chair; and Gary Dunger, Vice-  
8     chair; Louise Belair; and Jim Malley.
- 9     ▪ HCAI representatives: Joe LaBrie and Carl Scheuerman.
- 10    ▪ The focus/goals of the committee:
  - 11       ▪ Update policies and procedures.
  - 12       ▪ Work with nominating committee and provide training for  
13       onboarding members.

14 • **Codes and Process Committee:**

- 15     ▪ Committee members: Micheal O'Connor, Chair; Teresa Endres, Vice-  
16     Chair; Cody Bartley; Louise Belair; Michael Davis; Gary Dunger;  
17     Sharon Goei; John Griffiths; Scott Mackey; Jim Malley; and  
18     Farzad Naeim.
- 19     ▪ Consulting members: Mark Hershberg, Kelly Martinez, and  
20     Belinda Young.
- 21     ▪ HCAI representatives: Brett Beekman, Larry Enright, Joe LaBrie,  
22     Roy Lobo, Bob Lyons, Mia Marvelli, Diana Navarro, Carl Scheuerman,  
23     Jamie Schnick, and Nanci Timmins.
- 24     ▪ Meeting dates: January 10, February 21, May 8, and September 11,  
25     2024.
- 26     ▪ The focus/goals of the committee:
  - 27       ▪ Update CANs and PINs to code.
  - 28       ▪ eTIO program.
  - 29       ▪ Evaluate standard details from SNFs (skilled nursing facilities).
  - 30       ▪ Title 24.

31 • **Education and Outreach Committee:**

- 32     ▪ Committee Members: Scott Mackey, Chair; Cody Bartley, Vice-Chair;  
33     Louise Belair; Michael Davis; Gary Dunger; Teresa Endres;  
34     Bert Hurlbut; Jim Malley; and Michael O'Connor.

- Consulting members: Kelly Martinez, Bruce Rainey, Belinda Young, and Bill Zellmer.
- HCAI representatives: Hussain Bhatia, Monica Colosi, Mia Marvelli, Jamie Schnick, and Nanci Timmins.
- Meeting dates: February 8, May 22, August 1, and September 26, 2024.
- The focus/goals of the committee:
  - Support the development of webinars.
  - Develop a regular curriculum and predictable calendar for webinars.
  - Revision to “Guide for Working on OSHPD Projects- Tips from Experts.”
  - Emergency design guide.
  - Webinars for Imaging Classes 1, 2, and 3.
  - Emergency Design Guide seminar.
  - Tips on how to work with OSHPD in the field.
  - OSHPD 6 – chemical dependency (webinar).
  - Inspect to Pass (Webinar).
  - Work with instrumentation committee regarding webinar/seminars on instrumentation White Paper.
- **Energy Conservation and Management Committee:**
  - Committee Members: Cody Bartley, Chair; John Griffiths, Vice-Chair; Louise Belair; David Bliss; Michael Foulkes; Sharon Goei; Gary Dunger; and Scott Mackey.
  - Consulting members: Eric Johnson and David Lockhart.
  - HCAI representatives: Larry Enright, Mia Marvelli, Carl Scheuerman, Jamie Schnick, and Nanci Timmins.
  - Meeting dates: April 3 and October 9, 2024.
  - The focus/goals of the committee:
    - Identify HCAI research projects for energy conservation, reduction of carbon footprint, and cost saving while maintaining health and safety.
    - Consider systems and monitoring devices for other environmental conditions.
    - Pursue indoor air quality at a lesser energy cost for other environmental conditions.

- Optimize water usage in healthcare environments.
- **Instrumentation Committee:**
  - Committee Members: Farzad Naiem, Chair; Jim Malley, Vice-Chair; Martin Hudson; Jennifer Thornburg.
  - Consulting members: Hamid Haddadi, Moh Huang, and Tony Shakal.
  - HCAI representatives: Hussain Bhatia, Erol Kalkan, Roy Lobo, and Ali Sumer.
  - Meeting dates: January 25 and October 29, 2024.
  - The focus/goals of the committee:
    - Continue working with HCAI staff on scheduled instrumentation installation.
    - Consider other systems and monitoring devices.
    - Collaborate with CGS on prioritizing upgrades to existing instrumentation.
    - Work with EO Committee regarding webinar/ seminar on instrumentation white paper.
- **Structural and Nonstructural Committee:**
  - Committee members: Jim Malley, Chair; Farzad Naeim, Vice Chair; Cody Bartley; Louise Belair; Michael Davis; Teresa Endres; Sharon Goei; Martin Hudson; and Jennifer Thornburg.
  - Consulting member: Mark Hershberg.
  - HCAI representatives: Joe LaBrie, Roy Lobo, Mia Marvelli, David Neou, Carl Scheuerman, Jamie Schnick, and Ali Sumer.
  - Meeting dates: March 6 and July 17, 2024.
  - The focus/goals of the committee:
    - Support HCAI with reviews of code changes.
    - Support HCAI with review of new/revised PINs, CANs, OPDs.
    - Implementation of SPC- 4D and NPC- 4D.
    - Develop preapproved details.
    - Seismic compliance issues related to NPC-3, NPC-4D, and NPC-5. Streamlining the process for compliance to meet the statutory and regulatory deadline.
    - Review the code amendments that are now obsolete as those issues have been addressed on the model code.

- Develop and implement procedures and enforceable building standards to ensure safe and sustainable healthcare facilities.
- Consider new product materials and methods that would benefit the public by early adaptation rather than waiting for their incorporation in the building code.

- **Technology and Research Committee:**

- Members: Gary Dunger, Chair; Cody Bartley, Vice-Chair; David Bliss; Teresa Endres; Michael Foulkes; John Griffiths; Bert Hurlbut; Scott Mackey; and Michael O'Connor.
- Consulting member: Benjamin Broder, Eric Johnson, Belinda Young.
- HCAI representatives: Hussain Bhatia, Larry Enright, Joe LaBrie, Carl Scheuerman, Jamie Schnick, Nanci Timmins.
- Meeting dates: June 4 and November 12, 2024.
- The focus/goals of the committee:
  - Explore subjects of telemedicine and robotics.
  - Discuss the effect of technologies on healthcare equity.
  - Explore emerging technologies that help reduce the carbon footprint on healthcare facilities and implementation relative to code implementation of energy tools related to the code.
  - Address how regular remote services e.g., medical records, web-based nurse call, off-site server firms.
  - Define what is a medical record.
  - Monitor CDPH electronic health records redundancy issues in case of a power failure and watch for potential code effects.
  - Invite industry members to address/inform the committee on the reliability of cloud-based systems (fire alarm, energy monitoring, etc.).
  - Explore wastewater solutions.

Ms. Belair stated that there would be three Full Board meetings on April 18, August 15, and December 10 and 11, 2024.

### **Discussion and input**

Mr. Bliss asked if there was a design professional mentorship program from OSHPD/HCAI. Mr. Tokas stated that, yes, OSHPD/HCAI has a design professional mentorship program.



1 Ms. Endres asked what was deliverable of the items. Mr. Tokas answered that the goals  
2 would be discussed by committee members to establish the plans for the goals.

3  
4 **Information and Action item**

- 5 • None.

6  
7 **14. Office of Statewide Hospital Planning and Development (OSHPD) Update**

8 **Presenter:** Chris Tokas, HCAI OSHPD Deputy Director

9 **Discussion and input**

10 Mr. Tokas reviewed OSHPD top three objectives in 2023:

- 11 • Recruitment/Succession Planning – target critical positions.  
12 • Web Page Redesign.  
13 • Develop and integrate eTIO in eSP.  
14

15 Mr. Tokas talked about OSHPD achievements in 2023:

- 16 • Successfully completed the adoption of proposed cost-effective building  
17 codes and standards submitted to the Building Standards Commission for  
18 adoption in the intervening cycle to better align with national standards.  
19 • Advanced the capabilities of the EOC GIS Mapping system: New layers  
20 added, increased collaboration with CDPH and CalOES. EOC contact  
21 software Blackberry AtHoc tested and available for active use allowing the  
22 Incident Commander to activate EOC from any location/computer.  
23 • Achieved significant progress in the Hospital Seismic Compliance Program.  
24 • Numerous Technical staff training/stakeholder meetings (in person and  
25 remotely).  
26 • Updated and published a new addition of the FREER Manual.  
27 • Developed OSHPD Specialty Software for Analyzing Strong Motion Records.  
28 • CAN-1-7-153(b) Amended Construction Document and clarifying use of Non-  
29 Material Alterations (NMAs).  
30 • Updated PIN 55 and 62 and significantly reduced the backlog in our OSP and  
31 OPM preapproval programs with some strategic changes.  
32 • Completed instrumentation of two HCAI funded hospital buildings.  
33 • Added to the Expedited Building Permits XBP – Re-Roofing Guide.  
34 • Updated and Published Advisory Guide A5 – NPC-5 Water Rationing Plan for  
35 Hospital Facilities.  
36 • Developed additional tools and processes to improve staff plan review  
37 efficiencies.

- AB 2190, Successfully assisted hospitals to meet their (SPC-2) deadline due to OSHPD and CHA efforts - monthly meetings for each region to complete projects related to AB 2190.
- Various improvements to the Facility Detail portion of HCAI/OSHPD website.
- Successfully completed Electronic Plan Review Integrations: Taking eSP (Accela) to the next level.
- Software and hardware upgrades to facilitate and support Electronic Plan Review.
- Continue to further augment connection with industry using TIPS OF THE DAY and FIELD BRIEF ADVICE as a direct line of communication.
- Strengthened IOR training, education, and preparation, to increase the IOR exam pass rate.
- Continue to create coalitions/partnerships with other State Agencies responsible for the licensure of healthcare related services to establish a coordinated path for projects to be completed successfully and become operational expeditiously.
- Maintained plan review goals above 70% (77% of 1225 projects in 2023) all projects meeting their anticipated project approval dates (APAD).
- Geotechnical reviews completed in less than a month on average.
- Field Operation Manual: Updated, completed, and published.
- Tips from the Experts Manual: Updated, completed, and published.
- Field Staff Safety Training: 8 Hour Training Completed.

Mr. Tokas stated that the Freer Manual was updated, and checklist was made user friendly in September 2023.

Mr. Tokas highlighted that the 96 hour emergency power requirement for SNFs had been added to the health and safety code.

Mr. Tokas gave the NPC Compliance Timeframe for any General Acute Care Hospital in use as a General Acute Care (GAC) hospital building after January 1, 2030:

- By January 1, 2024: submit to the Office a complete nonstructural evaluation for each building.
- By January 1, 2026: submit to the Office construction documents ready for review by the Office.
- By January 1, 2028: obtain a building permit to begin construction.
- By January 1, 2030: the GAC building shall achieve NPC-5 rating.

Mr. Tokas said that CDPH published NPC-5 Water Rationing Plan Guide on June 30, 2023.

1 Mr. Tokas stated that the Seismic Compliance Signage Implementation, AB 1882, in  
2 2023, was presented to the board and the implementation to be completed by the end  
3 of 2024.

4  
5 Mr. Tokas highlighted Small and Rural Hospital Relief (SRHR) Program Progress to  
6 date on Hospital Participation and Grant Awards:

- 7 • 102 potentially eligible hospitals.
- 8 • 30 have initiated applications for program participation.
- 9 • 22 have submitted updated seismic compliance plans to fulfill application  
10 requirements.
- 11 • 10 participating hospitals have submitted grant applications, 3 of which have  
12 grant approvals pending.
- 13 • The remaining 72 facilities are under consideration for additional outreach to  
14 encourage engagement for technical assistance and potential future grants.

15 Mr. Tokas talked about OSHPD Specialty Software for Strong Motion Records:

- 16 • Software Requirement: Read COSMOS formatted V2 and V3 files - available  
17 commercial software lacking needed capabilities.
- 18 • HCAI/OSHPD Project to create needed software Python platform - Process  
19 and view interface for COSMOS formatted V2 files.

20 Mr. Tokas gave an update on the Emergency Operations Enhancements:

- 21 • Refresh all staff emergency supplies (Red Backpacks) – Completed.
- 22 • Update EOC Placards (Red, yellow, and green placards) – Completed and  
23 distributed.
- 24 • Enhance EOC GIS maps using ARCGIS Online and use of Survey  
25 123/Collect – Accounts created and in process of deployment.
- 26 • Improve communication between HCAI and CDPH/California Health and  
27 Human Services (CHHS) via database/Geographical Information Systems  
28 (GIS) links – In discussion.
- 29 • Enhance instrumented building EOC program to view building records.
- 30 • Complete and train staff on ESRI ArcGIS Survey123/Collect apps – Started.
- 31 • Activate additional features in Blackberry AtHoc for use in activating and  
32 deploying selected staff in smaller events.

33 Mr. Tokas talked on OSHPD's Top 3 Objectives for 2024:

- 34 • Improve consistency in the field Operations.
  - 35 ▪ Field staff performance.
  - 36 ▪ DPOR performance.

- IOR observation.
- IOR performance.
- Training Programs (Academies) fully functional by year end.
  - Fire life Safety Officer.
  - Field Compliance Officer.
  - Field Structural Engineer.
- Update the OSHPD Preapproved Details (OPDs).
  - Standard Partition Wall Details.
  - CBC Standard Suspended Ceiling Details.
  - CBC Standard Gypsum Board Ceiling Details.

#### **Information and Action item**

- None.

### **15. Inspection Services Unit (ISU) Update**

**Presenter:** Joe LaBrie, ISU Supervisor, Bob Lyons, and James Pan, ISU

#### **Discussion and input**

Mr. Lyons stated that IORs were needed to serve on projects and currently Certified Hospital Inspector (CHIs) are underutilized.

Mr. Lyons talked about Certified Hospital Inspector Utilization - Study and Recommendations:

- The intent of this study was to determine the feasibility of using currently certified hospital inspectors to fulfill the need for more IORs.
- If feasible, what steps should HCAI take to increase IOR utilization?
- Increased use of current CHIs may be a more effective option over using outreach efforts to recruit new IORs or increasing the exam passing rate.

Mr. Lyons stated the steps taken to evaluate the feasibility of increasing the utilization of CHIs to serve as IORs:

- Evaluate the number of eligible currently certified hospital inspectors.
- Determine the current, apparently low, utilization rate of CHI's. Rough estimates show only half of CHIs work as IORs.

- Survey these CHIs to understand reasons for the low utilization rate and, if appropriate, what actions HCAI might be able to take to increase utilization.

Mr. Pan highlighted on the Certified Hospital Inspector Utilization evaluation of data:

- The internal IOR database includes records for about 2,400 individuals.
- Of those, 780 were found currently eligible to serve as an IOR.
- Of those, 360, or 50%, serve as the IOR on one or more current projects.
- This confirms the apparent low utilization rate.

Mr. Pan reported that the survey results showed that the majority of IORs, whether actively involved with projects or not, favored a webpage that would help facilities locate IORs and that would allow IORs to search for projects in their desired work areas.

Mr. Pan mentioned a few key take-aways from the survey:

- Most IORs with active projects either have a well-developed client list, rely on word-of-mouth for work, or work with a hospital IOR Inspection services company to acquire projects.
- Hospital IOR Inspection services company played a significant role in IOR placement on projects, especially on large projects.
- Mentoring and ongoing training, such as webinars, were favored by many IORs.

Mr. Lyons recommended that:

- Webinars and seminars and other forms of ongoing education should focus on the business aspects of being an inspector of record.
- Periodic survey of IORs - monthly or bi-monthly survey may be distributed to IORs in the HCAI database. The survey should include questions to solicit responses about availability, project types, and work locations.
- Webpage for use by facilities to locate interested and available - this approach entails IORs seeking projects to register on an HCAI website that would be saved to a searchable database.
- Combined webpage for both facilities and IORs - the databases described for facilities and IORs could both be made available on the same webpage to allow both IORs and facilities to actively participate in the search rather than having one party passively wait for a response.

Mr. Lyons concluded that there was a lack of reliable, organized, real-time resources for IORs to find projects, and that there was a strong interest in having reliable and effective tools for searching and proposing potential projects.

Mr. LaBrie stated that there were two recertifications with 185 recertified IORs.

1 Mr. LaBrie reported that 16 new Tips of the Day were issued and were posted to the  
2 HCAI website.

3 Mr. LaBrie gave a report on ISU update:

- 4 • eTIO - Consultant completed Proof of Concept and a draft demonstration to  
5 be provided.
- 6 • HBSB Seminar – Completed.
- 7 • Field Operation Manual was updated and published on August 15, 2023.
- 8 • Field Operation Manual - ISU Annual Update completed and published 08/15.
- 9 • CO Training - ISU monthly training meetings completed.
- 10 • Tips from the Experts Manual - in collaboration with BSU, ISU completed draft  
11 revisions to the Manual.
- 12 • IOR Enhanced Monitoring - various types of action were ongoing with some  
13 challenging IORs.
- 14 • ISU IOR Supplemental Monitoring - ISU initiated a new program to  
15 complement and augment Field Staff's regular IOR monitoring.
- 16 • Field Staff Safety Training - COMPLETED

17 Mr. Davis discussed the eTIO process.

18 Ms. Endres asked how many healthcare facilities were under OSHPD jurisdiction. Mr.  
19 Tokas answered that there were 1,200 SNFs and 412 hospitals.

20 Ms. Endres asked how many IORs were there for those facilities. Mr. Tokas answered  
21 that there were 360 active IORs.

22 Mr. Bliss asked if IORs were independent contractors. Mr. Lyons answered that there  
23 were no requirements for IOR to work full-time.

24 Mr. Bliss asked if there was a standardized pay for IORs. Mr. Davis answered that there  
25 was no standard grade pay for IORs, they negotiate.

## 27 **Information and Action item**

- 28 • None.

## 30 **16. Building Standards Unit (BSU) Update**

31 **Presenter:** Mia Marvelli, BSU Supervisor

### 32 **Discussion and input**

33 Ms. Marvelli talked about the National Codes and Standards:

- ASHRAE: SSPC 170, Ventilation of Health Care Facilities
- National Fire Protection Association: NFPA 70, National Electrical Code, Health Facilities backup power and microgrids
- Federal Guidelines Institute:
  - 2025 Hospital Committee.
  - 2025 Outpatient Committee.
  - Design and Construction of Hospitals, Imaging Class 1-3 and Treatment, Procedure.
- International Code Council.

Ms. Marvelli reported that the BSU codes are due to CBSC on February 1, 2024, and due to be reviewed on January 10, 2024, by the Codes and Process committee.

Ms. Marvelli talked about HCAI/ CDPH coordination:

- Title 22 Rewrite ongoing (assisting).
- AB 2511 SNF Reviews.
- Water Rationing Plans.
- Methods of Procedures Guidance.
- Processes for survey discovery of unauthorized projects.
- Functional Program Rewrite.
  - CDPH Review Process - revised.
  - Timeframes for approving Functional Programs and AMCs- ongoing.
- Dietary Functional Program/Guide – Live.
- COVID Reset coordination/Program Flex Reviews and other emergency/disaster operations.

HCAI/California Administrative Code (CAC) coordination

- Clinic Advisory Committee
  - Quarterly Meetings ongoing - looking at specific concerns of the clinic community.
  - OSHPD 3 Clinic Webinars scheduled for May 16 and 18, 2024.
  - Clinic standards as compared to outpatient services of a hospital being reviewed.
  - AB 1612 coordination.

1 HCAI/AIA coordination.

- 2 • AIA Central Valley Chapter – monthly.
- 3 • AIA Pasadena Chapter.
- 4 • AIA Orange County Chapter.

5  
6 Ms. Marvelli talked about upcoming OSHPD webinars and other presentations:

- 7 • Integrated Review (PIN 50) – TBD.
- 8 • Construction Project Responsibilities – TBD.
- 9 • Emergency Design Guide – March 2024.

10  
11 **Information and Action item**

- 12 • None.

13  
14 **17. Fire Prevention Unit (FPU) Update**

15 **Presenter:** Nanci Timmins, Chief Fire Life Safety Officer

16 **Discussion and input**

17 Ms. Timmins gave a report on the Fire Prevention Unit:

- 18 • Fire Life Safety - FAQ updated 29 pages.
- 19 • Standard preapproved Details - Updates.
- 20 • Reminder list – updated 69 pages.
- 21 • Mid cycle code changes.

22 Ms. Timmins stated that FPU conducted training for these groups:

- 23 • CDPH
- 24 • IOR
- 25 • Kaiser IOR
- 26 • 2 HR monthly FLS refresher
- 27 • Architect, Mechanical, Electrical

28 Ms. Timmins gave an update of the PINs and CANs:

- 29 • PIN 14 Fire watch procedures and fire watch personnel qualifications.
- 30 • PIN 67 rescinded and FAQ created-firestopping special inspectors.
- 31 • CAN 2-703.3.



## 1 Information and Action item

- 2 • None.

## 4 18. Structural Services Section Update

5 **Presenter:** Roy Lobo, Principal Structural Engineer

### 6 Discussion and input

7 Mr. Lobo talked about the Seismic compliance documents/applications required to be  
8 submitted to HCAI/OSHPD by January 1, 2024:

- 9 • NPC 3 compliance construction final document.
- 10 • NPC 4D Evaluation report including Operational Plan.
- 11 • NPC 4 Evaluation report - if GAC building NPC target is not NPC 4D.
- 12 • NPC 5 Evaluation report including 72hr fuel evaluation and Water Rationing  
13 Plan.
- 14 • Letter of Intent stating GAC services in the building will be removed by  
15 1/1/2030.
- 16 • Licensed GAC Services Reporting Application - All buildings under HCAI  
17 jurisdiction.
- 18 • Signage Application.

19  
20 Mr. Lobo reported the number of buildings in each structural performance category: 42  
21 SPC 1, 662 SPC 2, 375 SPC 3, and 795 SPC 4.

22 Mr. Lobo mentioned that while deadlines had the primary characteristic of all extension  
23 programs adopted from SB 1953 onward, AB 2190 included enforcement mechanisms  
24 seldom available to HCAI.

25 Mr. Lobo gave an update to the seismic compliance and safety website:

- 26 • Added a public webpage for AB 1882 Hospital Seismic Safety Act.
- 27 • Accessed by scanning the QR Code on signage posted in hospitals.
- 28 • Interactive Tableau dashboard to explain the Structural Integrity and  
29 Equipment and Systems gauges.
- 30 • Descriptions of Structural (SPC) and Non-Structural (NPC) Performance  
31 Categories, how they affect hospital performance during an earthquake, and  
32 applicable 2030 seismic safety standards.
- 33 • Designed for hospital administrators and design professionals.

- Provided detailed information about AB 1882 Hospital Signage
- Highlighted: Learn about signage requirements and deadlines, which buildings require signs, and instructions for posting signs.
- Step-by-Step eServices Portal User Guide for applying for HCAI approval of Hospital Signage locations.
- Frequently Asked Questions (FAQ).

Mr. Lobo stated the 2024 webinar topics:

- Webinar covering SPC 2 to SPC 4D upgrade.
- NPC Projects.
- AB1882 Refresher.

Mr. Lobo gave the Structural Support Unit update:

- OSHPD preapproved programs.
- Structural/nonstructural California amendments.
- Geotechnical reviews.
- Seismic instrumentation.
- Structural training and support to the regions.
- Review of alternate methods of compliance.
- Management of contract out plan reviews.
- Other Activities.

Mr. Lobo said that PIN 62 was updated on the HCAI website to address requirements for the 2022 CBC.

Mr. Lobo reported that the seismic instrumentation program had 16 projects: 3 completed, 9 underway, 4 upcoming.

#### **Information and Action item**

- None.

#### **19. Comments from the public/committee members on issues not on this agenda**

**Presenter:** Louise Belair, Board Chair

1    **Discussion and input**

2    Ms. Belair thanked everyone for their input and participation.

3

4    **Information and Action item**

- 5
  - None.

6

7    **20. Adjournment**

8    Ms. Belair adjourned the meeting on December 8, 2023, at approximately 2:51 p.m.