



Hospital Building Safety Board

FULL BOARD MEETING

May 6th, 2015

Scott Karpinen – Chair
Rami Elhassan – Vice Chair



Hospital Building Safety Board

Meeting Reports

Meeting Date: November 19th & 20th, 2014; Sacramento

OVERVIEW OF TOPICS

Board Members

John Egan, Chair
Arlee Monson, Vice-Chair
John Donelan
Enid Eck
Rami Elhassan
Michael Foulkes
Henry Huang
Bert Hurlbut
Eric Johnson
Scott Karpinen
Bruce Macpherson
Trailer Martin
Arlee Monson
Simin Naaseh
Michael Nearman
Michael O'Connor
Carl Scheuerman
Brian Spindler
Patrick Sullivan
Richard Tannahill
Jennifer Thornburg

OSHPD Staff

Robert David, OSHPD Director
Paul Coleman, FDD Deputy Director
Hussain Bhatia
Gary Dunger
Glenn Gall
Roy Lobo
Chris Tokas
Geoff Trautman
Elizabeth Wied

HBSB Staff

Linda Janssen, Executive Director
Cathy Kane
Kathi Zamora, FDD



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OVERVIEW OF TOPICS

- ☐ Reviewed March 12, 2014 Meeting Minutes

- ☐ Motion

 - *Board approved the Reports with a minor amendment.*



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OVERVIEW OF TOPICS

OSHPD Update – Robert David, OSHPD Director

- OSHPD is part of CA Health and Human Services Open Data.
- Discussed concerns in California Hospitals.
 - Insurance coverage increased due to ACA.
 - Blue Cross has a new plan in So. Cal in which competing hospitals are partners.
 - Daughters of Charity Health System has is selling.
- Legislature is dealing with increased demand for adequate primary care.
- Legislature reconvenes in January with two new leaders. Unsure on priorities with OSHPD.



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OVERVIEW OF TOPICS

- ❑ **Member Update – Robert David, OSHPD Director**
 - ***Swearing in of new members***
 - *Patrick Sullivan*
 - *Richard Tannahill*

 - ***Recognition of outgoing members***
 - Arlee Monson
 - John Egan



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OVERVIEW OF TOPICS

- Nominations for HBSB Chair and Vice Chair – Michael Foulkes,**
 - Reviewed process for nominations.
 - Presented results of Nominations Committee:
 - Chair – Scott Karpinen
 - Vice Chair – Rami Elhassan
 - No additional nominations from the floor.



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OVERVIEW OF TOPICS

- ❑ **Education and Outreach – Arlee Monson, Committee Chair**
 - ***Meeting Report, May 1, 2014***
 - Preparation for “Tips from the Experts” seminar that was held in May.
 - Proposed new seminar in the fall to focus on OSHPD programs.

 - ***Meeting Report, June 18th, 2014***
 - Discussed feedback from the seminar.
 - Decided that the new seminar would be called “Hot Topics”.
 - Seminar to discuss: Non-materially Alter, Standard Details, OSHPD preapproval programs and developing processes.

 - ***Meeting Report, August 13th, 2014***
 - Preparation for “Hot Topics” Seminar to be held in October.
 - Decided to add a live demonstration to the seminar.



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OVERVIEW OF TOPICS

Education and Outreach – Arlee Monson, Committee Chair

➤ *Meeting Report, September 10th, 2014*

- Continued preparation for the seminar.

➤ *Overview of the “Hot Topics Seminar”*

- Two venues (south and north), both full.



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OVERVIEW OF TOPICS

Motion

- *Board approved the May 1st, June 18th, August 13th and September 10th Education and Outreach Reports.*



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OVERVIEW OF TOPICS

Standard Details – Bert Hurlbut, Committee Chair

➤ *Meeting Report, May 15th, 2014*

- Committee focused on the Fire and Life Safety Details.
- Approximately 15 to 20 details approved to allow fewer EJ's.



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OVERVIEW OF TOPICS

Motion

- *Board approved the May 15th, Standard Details Committee Reports.*



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OVERVIEW OF TOPICS

Administrative Processes & Code Changes – Scott Karpinen, Committee Chair

➤ *Meeting Report, June 26, 2014*

- Reviewed a proposed Policy Intent Notice for testing labs.
- Discussed the Standard Operating Procedure and reporting for IOR's.
- Reviewed a financial capacity PIN for SB 1950 relief.

➤ *Meeting Report, September 23, 2014*

- Presentation on ASHRAE Standard 170 regarding Healthcare Ventilation.
- Reviewed early draft of the 2016 code amendments.



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OVERVIEW OF TOPICS

Motion

- *Board approved the September 23rd, Administrative Processes and Code Changes Committee Report.*



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OVERVIEW OF TOPICS

☐ Instrumentation Committee – Simin Naaseh, Committee Member

➤ *Meeting Report, October 29th, 2014*

- Reported on the function of Instrumentation Committee.
- Roy Lobo & Chris Tokas reviewed the status of the program.
- Reviewed annual report provided by Moe Huang and Tony Shakal.
- Review of the current hospitals with instrumentation and ones for future consideration.

➤ *Discussion*

- Discussed that Queen of the Valley was not instrumented.
- Depending on hospital size, some facilities have over 20 instruments.



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OVERVIEW OF TOPICS

- ❑ **Special Presentation on Zero Energy Buildings – Bruce Macpherson**
 - Definition of what is a ZEB.
 - Methods on how to obtain.
 - Obtaining Zero Energy Status.
 - Initiatives.

- ***Zero Energy in Health Care***
 - Hospitals account for 11% of all commercial energy consumption.
 - HVAC accounts for 48% of energy consumption.
 - A few hospitals moving in the ZEB direction.

- ***Discussion and Public Input***
 - Discussion of costs.
 - Discussion of PV in the industry.
 - Industry is changing fast and OSHPD may need to be involved in future.



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OVERVIEW OF TOPICS

- End of Day 1



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OVERVIEW OF TOPICS

☐ Report on OSHPD's Response to the Napa Earthquake – Chris Tokas

- 6.0 earthquake on the West Napa Fault (not active), not considered a probabilistic fault area.
- Discussed sine waves and how a fault works.
- Reviewed damage to area and hospital.
- Damage to non-structural components was extensive.
- QVH still operating and treated 280 patients in 24 hours.
- OSHPD initiated the Emergency Operations Rooms and dispatched 22 staff.
- Showed the differences between SPC-3 and SPC-5 buildings at QVH.

➤ *Discussion and Public Input*

- No cracks at the moment frames for QVH.
- Discussion that the current design bracing systems are working.
- Power out 3 hours and no disruption to natural gas.



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- Google Earth Presentation – Hussain Bhatia**
 - New OSHPD interactive mapping program.
 - Allows users to obtain information on buildings, projects, SPC ratings.
 - Reviewed links to other geological sites.
 - Skilled Nursing included.
 - Demonstrated use with a smart phone.
 - Working on another program that allows users to create custom maps/graphs.



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OVERVIEW OF TOPICS

- SmartBoard Demonstration – Gary Dunger/Ali Sumer**
 - OSHPD demonstrated new technology for interactive plan review.
 - Able to make changes in “real time”.
 - Still in testing but field staff is using is successfully.



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**Facilities Development Division Update – Paul Coleman, FDD
Deputy Director**

- FDD workload has been decreasing – 60% since 2012.
- A number of projects are well into the construction phase.
- Estimated that much of the future work will be on seismic compliance.
- Provided data on the status of PAD and OSHPD workload.
- Several seminars provide by OSHPD.
- OTC's expanded.
- Standard details updated for the 2013 code.
- OSHPD working on Electronic Plan Review program.
- OSHPD issued 10 new CANS's and 6 PIN's.
- OSHPD focusing on Skilled Nursing Facilities and developed a web page.



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- ❑ Facilities Development Division Update – Paul Coleman, FDD Deputy Director (continued)
 - Mr. Coleman testified at a senate Committee Hearing on earthquake early warning systems.
 - OSHPD began to develop it's Strategic and Operational Plan.
 - Operational Plan Roll-Out held on October 28th at OSHPD.



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- Special Presentation on Experimental Assessment of Lath and Plaster/Metal Stud Partitions – Rami Elhassan**
 - Report on an existing hospital project remodel that allowed the reuse of the metal stud/plaster walls.
 - Discussed steps of testing and results.
 - Owner spent \$350,000 in design/testing but saved \$4 million in construction.
 - Mr. Rami and Mr. Tokas collaborated on a paper that won a SEA award.



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- ❑ **SB 499 Update – Roy Lobo, FDD Structural Services Section**
 - Discussion on the SPC-1 buildings.
 - SPC-1 buildings are no longer allowed to provide GAC beyond extension date.
 - 214 buildings with SPC-1 extensions (mostly SB-90).
 - 354 total SPC-1 buildings.
 - January 2015 is a significant deadline.
 - Discussed SB-499 anticipated completion dates for the buildings.
 - Reviewed SB-499 Method of Compliance (Retrofit, Rebuild, Replace, and Remove) for the buildings in the context of timelines.
 - Comparisons of SB-90 and SB-499 data.



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- Nominations for HBSB Chair and Vice Chair – Michael Foulkes,
 - Vote on nominations

Motion:

- *Board elected Scott Karpinen as HBSB Chair and Rami Elhassan as HBSB Vice Chair.*



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- ❑ **Regulations Update – Glenn Gall, FDD Building Standards Unit**
 - Reviewed architectural element in the upcoming cycle and reviewed triannual adoptions of all codes.
 - Building Standards Units focusing on maintenance, reformatting and adding new elements.
 - Restructuring anesthesia service space, perioperative support.
 - Adding information on Nuclear Medicine, Hyperbaric Facilities and Hybrid OR's.
 - Revising SNF requirements.
 - Review of changes for testing and recertifying IOR's.
 - Addressing proposed amendments by Dialysis Association.
 - Revisions to allow more flexible duct in clinics.
 - Discussion that changes should go through CEQA.



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OVERVIEW OF TOPICS

- Questions and Answers
- This report constitutes a MOTION to the BOARD and must be SECONDED by a Board Member that does not serve on the Committee for further ACTION.