



# Meeting Minutes Nevada Earthquake Safety Council (NESC) Joint Meeting

<b>Attendance</b>	<b>DATE</b>	Wednesday, May 2, 2018	
	<b>TIME</b>	9:00 A.M.	
	<b>LOCATION</b>	Nevada Division of Emergency Management Executive Conference Room 2478 Fairview Drive Carson City, NV 89701	
		Las Vegas Valley Emergency Mgmt Center Executive Conference Room 7551 Sauer Drive Las Vegas, NV 89128	
	<b>METHOD</b>	Videoconferenced	
<b>RECORDER</b>	Janell Woodward		
<b>Council Members</b>			
	<b>Present</b>		<b>Present</b>
Michael Blakely	x	Connie Morton	x
Ian Buckle	x	Jim O'Donnell	x
Wayne Carlson	x	Rob Palmer	x
Craig dePolo	x	Woody Savage	
Jim Faulds		Wanda Taylor	x
Tim Ghan	x	Jim Werle	x
Jeff Hahn	x	Kyle West	x
Graham Kent	x	Michael Wilson	x
Chris Lake	x	Werner Hellmer	x
Ron Lynn	x		
<b>Staff and Others</b>			
	<b>Present</b>		<b>Present</b>
Janell Woodward (DEM)	x	Robert Whitney (DAG)	x
Shealyne Schultz (DEM)		Gennady Stolyarov II	x
Annie Kell	x		

## 1. CALL TO ORDER, ROLL CALL, WELCOME, AND INTRODUCTIONS

Chair Ron Lynn called the meeting to order. Janell Woodward called roll and a quorum was established for Nevada.

## 2. PUBLIC COMMENT

Chair Ron Lynn, opened the meeting for public comment. There was none.

### 3. APPROVAL OF THE MEETING MINUTES

Chair Ron Lynn, asked for a motion to approve the minutes from the May 2, 2018, NESC meeting. Jeff Hahn made a motion to approve the minutes as submitted and Mike Wilson seconded. There was no discussion. All were in favor and the motion passed unanimously.

### 4. UNREINFORCED MASONRY (URM) COMMITTEE FINAL REPORT

Craig dePolo provided presentation on the URM Committee's final report. He explained it is being provided in draft form with the intent that the Council review, provide input, and take on the projects that are outlined. He acknowledged and thanked the Committee members for the work they have done.

Craig began by stressing the large problem that the state faces and outlined some of the risks associated with URM buildings (URMBs). He noted that they did look into what other states have done and began to think in terms of what would work in Nevada. It is estimated that there are a few thousand of these buildings throughout the state, and these pose the greatest seismic threat. One of the most important things the state and NESC can do is reduce this risk.

Examples of damage caused to URMBs in past earthquakes were provided. The following statistics from the 2008 Wells Earthquake were given: 10 of 15 non-residential URMBs were moderately to severely damaged (potentially life threatening), 3 of 15 non-residential URMBs were partially to totally collapsed, 1 of 15 non-residential URMBs were potentially deadly if individuals stayed inside, and 15 of 33 non-residential URMB exits had potentially deadly debris.

Craig spoke to the Social, Technical, Administrative, Political, Legal, Economic, and Environmental (STAPLEE) Feasibility. He noted that any projects they would like to accomplish in the future would need to address the items outlined.

Craig provided an overview of the various projects that URM Committee members were tasked with:

- Roadmap for Reducing the Seismic Risk of URMBs in Nevada

Craig explained these are steps that Nevada can take to reduce the risk. The overall objectives are:

1. Complete URMB Survey of Nevada and Prioritize by Seismic Risk
2. Initiate Broad Educational Efforts on the Hazards of URMBs
3. Motivate Action that Reduces the Seismic Risk from URMBs
4. Provide Incentives to Retrofit/Reduce the Seismic Risk of URMBs
5. Develop/Summarize Effective Seismic Retrofit Methodologies for URMBs
6. Rehabilitate Vulnerable URMBs and Other URM Structures

Each objective is broken down by goals and mechanisms to accomplish these.

- Inventories of Nevada URMBs

Craig spoke briefly to this, noting the need to rank the buildings that need to be addressed first following completion of all inventories.

- URMB Seismic Risk Reduction Summit

This event would be used to gain awareness, provide education, and gain involvement and engagement from stakeholders. It would provide an opportunity to build strategies and policies toward reducing URM building seismic risk. Craig stressed the importance of ensuring this is properly publicized once developed.

➤ Products to Support the Reduction of Seismic Risk of URMBs

Craig noted some different products which include a 3-10 page guide of risk reduction strategies; 10-20 page consumer guide to risk reduction; and various one page fliers.

➤ URMB Website

Craig provided a brief overview of the website concept explaining that it will host resources regarding URMBs, retrofitting, and more. Gennady Stolyarov II provided additional information later into the meeting.

Chair Ron Lynn thanked the Committee for the hard work that was done. Additionally, he recommended that the summit not take place during an election season as it will not gain as much coverage. He noted that he believes the two priorities are completing the inventory and placing placards on those buildings.

Mike Blakely commented that the approach of getting information out and the direction things are headed are great. However, he believes there is a need for getting politicians and building departments involved.

Werner Hellmer noted that he sees the website being essential at the moment. This will provide a place for individuals to do their own research following any discussions members might have with them. He explained that it does not need to be elaborate, but needs to provide tangible and real information. The education component needs to be made available prior to this growing.

Wanda Taylor had a question regarding the placards. She questioned if these were educational or fixed, and who mandates them. Ron advised these are fixed and would be required by the local governments. There was brief discussion among members on the placards and their placement.

There was extensive discussion between members on concerns with publishing information regarding URMBs. Members were in agreement that a process for allowing building owners to refute and respond to these findings needs to be developed.

Werner Hellmer made a motion to take time in the next meeting to vote on action items in the report to give members the opportunity to review what has been prepared. Wanda Taylor seconded. All were in favor and the motion carried. This will be put on the next agenda. Members were advised that any comments on the report can be sent to Craig dePolo.

Gennady provided a quick overview of the website concept to members. He explained there are two aspects that members should determine. The first is who the webmaster will be for a potential website, and second is who would fund the website. There was discussion among members on the need of the website. Wayne Carlson questioned if there are other websites available that can be leveraged to accomplish this goal. Graham Kent stressed the need to move away from self-funding and have the state or local jurisdictions include these costs in

a budget that it can be charged to. Ron advised there is no funding mechanism and asked members that are interested in building a website to bring back something that can be voted upon.

## **5. NATIONAL EARTHQUAKE UPDATES**

Chair, Ron Lynn provided a quick overview of the national earthquake updates. He spoke to an interim report on benefit cost ratios. This study looked at impacts of mitigation upon a community and the savings involved. The study conducted looked to determine if a 2005 study stating that for every \$1 invested in mitigation yields a \$4 benefit was still accurate. The interim report found that for every \$1 spent there is a \$6 savings overall. This information was based on federally funded grant dollars. A link to this report will be provided to members.

Ron continued his update and commented on his participation in a report developed by the Advisory Committee on Earthquake Hazards Reduction for the National Earthquake Hazards Reduction Program (NEHRP) that was submitted to the National Institute of Standards and Technology (NIST) to be forwarded to the U.S. Congress. He provided a brief overview of the key points within the report which includes recommendations regarding funding. A copy of this report is available on the NEHRP website.

Finally, he spoke to a report that was done regarding immediate re-occupancy. This report was required by a senate subcommittee and was provided in draft form. Unfortunately, the final has not been released and is awaiting OMB approval. Once this is released it will be forwarded to the Council.

## **6. STRATEGIC GOAL SETTING**

Chair Ron Lynn spoke to concepts that were provided at the last meeting that outlined ways for the Council to remain a viable organization. He noted one of the obvious is to get a budget. He asked members if they had any ideas for strategic goals. There was discussion regarding goals that had been developed in prior years. Janell Woodward will send out the Bylaws and strategic plan to members. Ron requested that this be discussed further at the next meeting and to submit any modification or suggestions on how to successfully complete these goals to himself and Janell.

Craig dePolo spoke to the prior use of NEHRP funding for the Council. However, this is no longer allowed as NEHRP cannot be used for salaries. Craig suggested using the PDM funding for a project to complete the URM inventory of the next six communities. There was discussion among members on this idea and what it would entail.

## **7. PUBLIC COMMENT**

Chair Ron Lynn opened the meeting for public comment.

Jeff Hahn brought awareness of the Statewide Resilience Strategy and the legislative recommendations to the Nevada Commission on Homeland Security (NCHS) document from June 2018 to the Chair and Council. He noted the document discusses councils and committees being absorbed into a larger commission, including the NESC. Janell Woodward provided a brief overview of the proposed strategy and suggestions. She noted that it is currently too early to know exactly what is going to happen or when this will take place.

## **8. ADJOURN**

Chair Ron Lynn adjourned the meeting.