

Agenda
Nevada Hazard Mitigation Planning Committee
PLANNING SUBCOMMITTEE
Monday, January 28, 2008, 1:30 pm
Emergency Operations Center
Division of Emergency Management

2478 Fairview Drive
Carson City, NV 89701

DIAL-IN INFORMATION:

DIAL-IN #: 1-866-302-8881

PASS CODE: 7756848641

- A. 13:30 Hrs WELCOME AND INTRODUCTIONS
- B. 13:35 APPROVAL OF MINUTES: None to approve this meeting.
- C. 13:35 Hrs NEW BUSINESS
 - a. *Review and discuss the recommended and required actions outlined by FEMA in the final crosswalk.
 - b. *Review, Discussion and possible approval new section to cover the Severe Repetitive Loss requirements
 - c. *Review, discuss, and possibly approve, the identification of Unreinforced Masonry Buildings owned by the State for inclusion in the State Hazard Mitigation Plan update.
 - d. *Review, discuss and possibly approve the Inclusion of the identification of public Unreinforced Masonry Buildings in communities as a planning requirement for local jurisdictions in new plans and for updates to existing plans.
- D. 14:45 OLD BUSINESS
 - a. *Review, discuss and approve, meeting schedule for the Subcommittee.
 - b. Review and discuss the coordination of the Subcommittee by the University of Nevada Reno.
- E. 14:55Hrs PUBLIC COMMENT PERIOD
 - a. Please note the public is welcome to attend the meeting. Members of the public may bring matters not appearing on the meeting agenda to the attention of the Committee. However, the Committee may discuss the matter when it is brought up, but no action may be taken until it has been included on a future agenda as an action item.
- F. 15:00 Hrs ANNOUNCEMENT OF TENTATIVE FUTURE MEETINGS
 - a. Meetings are scheduled the last Monday of the month at 1:30 pm.
 - i. February 25, 2008
 - ii. March 24, 2008
 - iii. April 28, 2008
 - iv. May 26, 2008
 - v. June, 30, 2008
- G. 15:10 Hrs ADJOURN

The Committee may take action on items marked by an asterisk (). Items may be taken out of order presented on the agenda at the discretion of the chairperson.*

This is a public meeting. In conformance with the Nevada Public Meeting law, I Elizabeth Ashby, posted or caused the posting of this agenda on or before January 23, 2008, 9:00 a.m. at the following locations:

Nevada Division of Emergency Management (Carson City)

Nevada Bureau of Mines and Geology (Reno)

Clark County Department of Buildings Russell/Cameron Office, Las Vegas

And on the website for the Nevada Hazard Mitigation Planning Committee at <http://www.nbmng.unr.edu/nhmmpc/nhmmpc.htm>

For further information please contact Jonathan G. Price, State Geologist and Director, Nevada Bureau of Mines and Geology by email at jprice@unr.edu or telephone (775) 784-6691 extension 5.

We are pleased to make reasonable accommodations for members of the public who are disabled. If special arrangements are necessary, please notify the Committee at (775) 687-0314. Twenty-four hours advance notice is requested.

Nevada Hazard Mitigation Planning Committee Planning Subcommittee Minutes

Date: Monday, January 28, 2008,

Time: 1:30 pm

Location: Conference room at Emergency Operations Center, Division of Emergency Management, 2478 Fairview Drive, Carson City, NV 89701

In attendance:

Elizabeth Ashby, NDEM

Barbara Urbani, NDEM

Joe Ditucci, NDWR

Keith Forbes, NDOA

D.D. LaPointe, NBMG

Rob Martinez, NDWR

Glade Myler, Attorney General's office

Rob Palmer, NDEP

Jon Price, NBMG

Jim Walker, NDOT

Joan Tierney, Risk Management (via conference phone dial-in)

The meeting was called to order by Elizabeth Ashby/Jim Walker at 1:30 pm and introductions were made around the table.

There were no minutes to approve.

Elizabeth handed out copies of the final crosswalk to the Nevada Hazard Mitigation Plan (NHMP) with comments from FEMA

NEW BUSINESS

Elizabeth announced that the State Hazard Mitigation Plan submitted to FEMA in the fall was approved on October 30, 2007 with all requirements met.

Nonetheless, there were some comments by FEMA for future plan modifications.

The Subcommittee reviewed and discussed each recommended or required action outlined by FEMA in the final crosswalk for future plan modifications.

1. On FEMA's comment to "discuss why there was no feedback from the outreach to other interested groups" and to "identify and contact other businesses and PNPs that might be interested in participating in the planning process," the Subcommittee recommended that we identify and contact these entities and develop a forum for input to the plan from them. It was suggested that we coordinate with the Nevada League of Cities and Nevada Association of Counties on this. Joan suggested that we submit an article for the Risk Management newsletter alerting recipients to the existence of the NHMP, asking for input, and providing web access information.

2. On FEMA's recommendation that we "explore ways to develop the various 'mechanisms for integration' into an ongoing mitigation activity" the subcommittee first discussed working with the Public Works Board and UNR on long-range building plans, but then re-read the recommendation and decided that it was unclear. Elizabeth will ask FEMA for a clarification of exactly what is meant by this recommendation before we address it further.

3. On FEMA's recommendation that we "identify opportunities to promote "Smart Growth" policies despite the lack of State-level policy development/ implementation capacity," the subcommittee discussed reviewing other states' policies for ideas and opportunities to implement "Smart Growth" policies in Nevada at the local level. There was discussion of working to improve requirements of real estate disclosure of hazards.

The recent Truckee River canal disaster in Fernley was discussed with relation to implications for future NHMP revisions. There was discussion on making sure that TCID and other GIDs are included in the planning process both at the county and state level. There was also discussion of identifying ditches and adjacent flood-prone areas using GIS, which could be an NBMG project contribution to a future revision of the NHMP. Discussion of a new NHMP section to cover the Severe Repetitive Loss requirements was tabled until a future meeting after a new flood plain manager is hired by NDWR.

On the agenda item of identification of Unreinforced Masonry Buildings owned by the State for inclusion in NHMP updates, it was decided that we first need a standardized definition of what constitutes an Unreinforced Masonry Building, an item that was referred to the NESC for action.

Once that definition is obtained, we need to decide what pertinent information we want to collect on the buildings in a list or spreadsheet, such as size, use, occupied or not, value, etc.

It was also decided that the agenda item of "Inclusion of the identification of public Unreinforced Masonry Buildings in communities as a planning requirement for local jurisdictions in new plans and for updates to existing plans" needs the above-mentioned definition as a prerequisite.

OLD BUSINESS

It was agreed upon that quarterly Subcommittee meetings on the last Monday of the month are acceptable, with the next scheduled meeting to be April 28th, same time, same place.

Elizabeth noted that D.D. LaPointe from NBMG/UNR will be helping with meetings, input, and drafting of NHMP updates as needed.

The floor was opened for public comment, but there was none.

The meeting was adjourned at about 3:00 pm

List of Acronyms

FEMA = Federal Emergency Management Agency
GID = general improvement district
GIS = geographic information system(s)
NBMG = Nevada Bureau of Mines and Geology
NDEM = Nevada Division of Emergency Management
NDOA = Nevada Department of Agriculture
NDOT = Nevada Department of Transportation
NDWR = Nevada Division of Water Resources
NESC = Nevada Earthquake Safety Council
NHMP = Nevada Hazard Mitigation Plan
TCID = Truckee-Carson Irrigation District
UNR = University of Nevada, Reno.

Respectfully submitted by D.D. LaPointe, 5 February 2008

Nevada Hazard Mitigation Planning Committee
c/o Nevada Bureau of Mines and Geology
University of Nevada, Reno/MS 178
Reno, Nevada 89557-0178

775-784-4415

Agenda
Nevada Hazard Mitigation Planning Committee
PLANNING SUBCOMMITTEE
Monday, April 28, 2008, 1:30 pm
Division of Emergency Management
Executive Conference Room

**2478 Fairview Drive
Carson City, NV 89701**

DIAL-IN INFORMATION:

DIAL-IN #: 1-866-302-8881

PASS CODE: 7756848641

- H. 13:30 Hrs **WELCOME AND INTRODUCTIONS-** *Chair, Jim Walker*
- I. 13:35 **APPROVAL OF MINUTES:** January 28, 2008.
- J. 13:35 Hrs **NEW BUSINESS -** *Chair, Jim Walker*
 - a. Lyon County Canal Breach – *Rick Martin*
 - i. Mitigation Informational Report
 - ii. Hazard Mitigation Plan Development - Status
 - b. City of Wells Earthquake –
 - i. Damage Assessment
 - ii. Brainstorm Possible Mitigation Projects
 - c. * Discussion, Review and Possible Action about the Integration of the Elko County Multi-jurisdictional Hazard Mitigation Plan into the State Plan
 - d. Report on Local/Tribal Plans Update Deadlines
- K. 14:45 **OLD BUSINESS –** *Chair, Jim Walker*
 - a. Continuation of the Review and discussion of the recommended and required actions outlined by FEMA in the final crosswalk.
 - b. Update about the Severe Repetitive Loss requirements
 - c. Update regarding the issue of the identification of Unreinforced Masonry Buildings.
- L. 14:55Hrs **PUBLIC COMMENT PERIOD**
 - a. Please note the public is welcome to attend the meeting. Members of the public may bring matters not appearing on the meeting agenda to the attention of the Committee. However, the Committee may discuss the matter when it is brought up, but no action may be taken until it has been included on a future agenda as an action item.
- M. 15:00 Hrs **ANNOUNCEMENT OF TENTATIVE FUTURE MEETINGS**
 - a. Meetings are scheduled the last Monday of the month at 1:30 pm.
 - i. April 28, 2008
 - ii. July 28, 2008
 - iii. October 27, 2008
 - iv. January 26, 2009
- N. 15:10 Hrs **ADJOURN**

The Committee may take action on items marked by an asterisk (). Items may be taken out of order presented on the agenda at the discretion of the chairperson.*

This is a public meeting. In conformance with the Nevada Public Meeting law, I Elizabeth Ashby, posted or caused the posting of this agenda on or before January 23, 2008, 9:00 a.m. at the following locations:

Nevada Division of Emergency Management (Carson City)

Nevada Bureau of Mines and Geology (Reno)

Clark County Department of Buildings Russell/Cameron Office, Las Vegas

And on the website for the Nevada Hazard Mitigation Planning Committee at <http://www.nbmng.unr.edu/nhmpr/nhmpr.htm>

For further information please contact Jonathan G. Price, State Geologist and Director, Nevada Bureau of Mines and Geology by email at jprice@unr.edu or telephone (775) 784-6691 extension 5.

We are pleased to make reasonable accommodations for members of the public who are disabled. If special arrangements are necessary, please notify the Committee at (775) 687-0314. Twenty-four hours advance notice is requested.

Minutes
Nevada Hazard Mitigation Planning Committee
PLANNING SUBCOMMITTEE
Monday, April 28, 2008, 1:30 pm
Division of Emergency Management, Executive Conference Room
2478 Fairview Drive
Carson City, NV 89701

Chair, Jim Walker opened the meeting and welcomed attendees
Minutes of the January 28, 2008 meeting were presented and approved

Under NEW BUSINESS Rick Martin gave a Mitigation Informational Report on the Lyon County Canal Breach which was then discussed for inclusion in the NHMP update.

The status of the Hazard Mitigation Plan Development was discussed

There was discussion of the magnitude 6 earthquake that hit the City of Wells - damage assessment and brainstorming of possible mitigation projects.

The Subcommittee was advised that the Elko County Multi-jurisdictional Hazard Mitigation Plan would be integrated into the State Plan and Elizabeth updated us on the status of other local and Tribal Plan Updates in progress.

Under Old Business, there was continued review and discussion of the recommended and required actions outlined by FEMA in the final crosswalk.

a) After reviewing the language provided by FEMA Region IX staff clarifying the recommendation, discussion followed regarding the assumption by Feds that no zoning restrictions exist in Nevada's local jurisdictions. The language thwarts opportunities for local jurisdictions to encourage development. The Subcommittee agreed to include positive language in the plan with a statement such as "additional funding opportunities are available for those local jurisdictions who adopt certain zoning, building, etc. regulations."

Elizabeth will work with Stacey Giomi and Rick Diebold on the exact wording.

b) Severe Repetitive Loss (SRL) requirements were not discussed as a representative from the Division of Water Resources (DWR) needed to be present. The SRL program is managed by the DWR and their input is absolutely necessary to build this annex of the State Hazard Mitigation Plan. Elizabeth will change basic text, for example, North Carolina to Nevada and will work with Jim Walker and DWR. The review, discussion and possible approval of the SRL annex will be placed in the next meeting's agenda.

c) Wayne Carlson has begun a study and compilation of URM buildings in the State. Elizabeth stated she is working with Wayne Carlson on completing an application under

the Fernley canal breach disaster which allows 5% of the total allocation to the state to be used for such studies.

Public Comments:

No public comments were made.

Next meeting is scheduled for July 28, 2008, at 1:30 pm.

A motion was made to adjourn the meeting at 3:30 pm the motion was seconded and unanimously approved.

Respectfully submitted

Daphne LaPointe

Nevada Bureau of Mines & Geology

Agenda
Nevada Hazard Mitigation Planning Committee
PLANNING SUBCOMMITTEE
Monday, July 28, 2008, 1:30 pm
Division of Emergency Management
Executive Conference Room

2478 Fairview Drive
Carson City, NV 89701

DIAL-IN INFORMATION:

DIAL-IN #: 1-888-273-3658

PASS CODE: 8743295

- O. 13:30 Hrs **WELCOME AND INTRODUCTIONS-** *Chair, Jim Walker*
- P. 13:35 **APPROVAL OF MINUTES:** April 28, 2008.
- Q. 13:35 Hrs **NEW BUSINESS -** *Chair, Jim Walker*
- a. Review of the State Hazard Mitigation Plan's Section 2 – Planning Process
 - i. Planning Process
 - ii. Participation from other agencies
 - b. Public Involvement
 - i. Brainstorm on methods to create more public involvement
 - 1. Public Information Officer NDOT
 - 2. Public Information Officer DEM
 - c. Notify Carson City about its Hazard Mitigation Plan expiration date November 22, 2010.
 - d. Request approval for integration of Douglas County's Plan
- R. 14:45 **OLD BUSINESS –** *Chair, Jim Walker*
- a. Update regarding Elko County's plan integration
 - b. Washoe County Plan update – regional approach
 - c. Clark County Plan update
 - d. Update about the Severe Repetitive Loss requirements
 - e. Update regarding the issue of the identification of Unreinforced Masonry Buildings.
 - f. Update about the added language to respond to FEMA's crosswalk recommendations.
- S. 14:55Hrs **PUBLIC COMMENT PERIOD**
- a. Please note the public is welcome to attend the meeting. Members of the public may bring matters not appearing on the meeting agenda to the attention of the Committee. However, the Committee may discuss the matter when it is brought up, but no action may be taken until it has been included on a future agenda as an action item.
- T. 15:00 Hrs **ANNOUNCEMENT OF TENTATIVE FUTURE MEETINGS**
- a. Meetings are scheduled the last Monday of the month at 1:30 pm.
 - i. *October 27, 2008*
 - ii. *January 26, 2009*
- U. 15:10 Hrs **ADJOURN**

The Committee may take action on items marked by an asterisk (). Items may be taken out of order presented on the agenda at the discretion of the chairperson.*

This is a public meeting. In conformance with the Nevada Public Meeting law, I Elizabeth Ashby, posted or caused the posting of this agenda on or before July 21, 2008, 9:00 a.m. at the following locations:

Nevada Division of Emergency Management (Carson City)

Nevada Bureau of Mines and Geology (Reno)

Clark County Department of Buildings Russell/Cameron Office, Las Vegas

And on the website for the Nevada Hazard Mitigation Planning Committee at <http://www.nbmg.unr.edu/nhmpc/nhmpc.htm>

For further information please contact Jonathan G. Price, State Geologist and Director, Nevada Bureau of Mines and Geology by email at jprice@unr.edu or telephone (775) 784-6691 extension 5.

We are pleased to make reasonable accommodations for members of the public who are disabled. If special arrangements are necessary, please notify the Committee at (775) 687-0314. Twenty-four hours advance notice is requested.

Minutes

Nevada Hazard Mitigation Planning Committee PLANNING SUBCOMMITTEE

Monday, July 28, 2008, 1:30 pm

Division of Emergency Management, Executive Conference Room
2478 Fairview Drive
Carson City, NV 89701

Attendees: Jim Walker, Sam Jackson, Craig Marshall, Rick Diebold, Rob Martinez, Casey KC, and (by teleconference phone) Juliette Hayes.

Chairman, Jim Walker welcomed attendees and introductions were made.

The April 28 minutes were distributed for review, were read and approved.

Under New Business, Jim initiated review of the State Hazard Mitigation Plan's Section 2 on the Planning Process but discussion was temporarily postponed until copies could be made for some members.

The Subcommittee moved on to discuss Carson City's Hazard Mitigation Plan which expires November 22, 2010. Elizabeth will be working with Stacy Giomi to apply for grant funding through DEM to develop an updated Hazard Mitigation Plan for Carson City.

Douglas County's updated Hazard Mitigation Plan has been submitted and reviewed. The Subcommittee moved, seconded, and passed a motion to integrate it into the State Hazard Mitigation Plan.

After giving the Subcommittee members time to read copies of Section 2 of the State Hazard Mitigation Plan on the Planning Process, Jim initiated discussion of the section. The need for more work on "Risk Assessment" was discussed. It was suggested that each Subcommittee member address possible edits on risk assessment in his or her field of expertise. It was agreed that all NHMP Subcommittee members will get review comments on Section 2 back to Elizabeth by the end of September 2008.

The Sections of the NHMP needing the most revision for the next deadline are Sections 2,3 and 4.

Rob asked if we will be doing a new ranking analysis for the revision and he asked if it will change the Crosswalk.

Juliette responded on FEMA's behalf that no, the Crosswalk has not changed and probably will not change, and that FEMA will focus more on implementation of NHMP plans over time.

Jim reported from Elizabeth that NDEM is trying to combine several regional mitigation plans into one plan for what we will do as a state. The Severe Repetitive Loss (SRL) Program was discussed – it will be combined with other plans as we want to meet all FEMA requirements.

Juliette gave a recap of SRL and as an example, said that for the past year, flood mitigation plans at the local level are being integrated into a single unified state flood mitigation plan. She said there are also new grant programs to help. FEMA really just wants to identify Severe

Repetitive Loss properties. The reason for this is to give communities a 90/10 cost share instead of the current 75/25. She recommended that we include in the next NHMP revision a statement of how we would address this in the future so we will be eligible for the 90/10 cost-share.

Juliette said she would get us a clearer definition of SRL properties.

Jim said Elizabeth will send out e-mail reminders to Subcommittee members to get Section 2 comments in by the end of September.

The Subcommittee moved on to a discussion of increased participation by other agencies, specifically businesses and PNPs (Public Non-Profits)

Subcommittee members were asked to brainstorm on methods to create more public involvement.

KC stated the need for a clear statement of what it is we are requesting for these entities. One example suggested as an effective forum at which to get a message out would be The Wildland Urban Interface meeting on Sept. 25-26.

It was suggested that we need to identify what PNPs we want to reach out to in each area and HOW we want them to interact with us to avoid just a free-for-all.

We need to take pieces of the plan that are pertinent to the interests each PNP such as NESC, NV Mining Association, Red Cross, fire people, water people, etc. and approach them with specific needs for input.

It was mentioned that it would be useless to ask these representatives to attend our subcommittee meetings.

In order to get them to participate effectively, we need to tell them what the benefit to them will be.

We also need to document what we individual subcommittee members already do to liaison with PNPs and other agencies as part of or regular business.

In summary, we need to be more specific in identifying PNPs and benefits to public entities of specific sections of the NHMP.

Rick suggested that we need a rewrite on the paragraph in the crosswalk element that deals with this. Juliette explained that all first round plans had the same issue because no one was sure what kind of input was desired. We need to identify specific elements of the plan that would benefit from public participation and then target just those groups that could contribute to those elements. Jim suggested that each committee member come up with a list of target areas and specific plan elements and how they would benefit.

Discussion moved to brainstorming how to increase public involvement. We are trying to get Public Information Officers Dan Burns (NDOT) and Bob Conrad (NDEM) involved in this. It was noted that NESC already goes into schools and we should document that, but it was noted that this NESC work is outreach, not public involvement in the planning process. Craig asked if it was possible to document one-on-one contact with PNPs. Rick described an effective program in Las Vegas where each city councilman appointed two people to the mitigation board and they were all taken on a field trip to specific sites around the city to see first-hand what the issues were (e.g. faults, detention basins, water treatment plant) – then taken back to work on mitigation plans. This is a plan that could work in some areas.

It was emphasized that we need to encourage the local plans to involve community & PNPs in the planning process - it is not so effective at the state level, since people are less interested in state-wide plans than in specific local plans that affect them.

Juliette stated that FEMA wants the state to get more into long-range land use planning; the general committee response was that this will not be happening soon. Juliette recapped that overall the NHMP crosswalk requirements were all met really well. It was mentioned that only 4 of the tribal council plans are in and more work needs to be done on that.

Jim moved on to a discussion of OLD BUSINESS.

The integration of Elko County's plan is still pending, DEM is working on it.

Washoe County has an approved plan and has hired a consultant to work on a new one, using a regional approach. The new one will not be done in time for us to incorporate it into the next State plan.

Clark County Has applied for grant to develop its plan and is waiting for release of funds.

Severe Repetitive Loss requirements were discussed in New Business.

Jim reported that we are working with Wayne Carlson to develop a database listing of all Unreinforced Masonry Buildings (URMs) both public and some private. DEM is working with Rick and Stacey to clarify and add positive language in response to FEMA's crosswalk recommendations.

Rob asked about involvement of the State Historical Preservation Office (SHPO) and Jim responded that Elizabeth is working on it.

The Public Comment Period was opened, but there was no public comment.

Proposed future meetings were announced on the last Monday of the month at 1:30 pm at the offices of Nevada Division of Emergency Management in Carson City on the following dates:

.
October 27, 2008

.
January 26, 2009

.
The meeting was adjourned.

Agenda
Nevada Hazard Mitigation Planning Committee
PLANNING SUBCOMMITTEE
Monday, October 27, 2008, 1:30 pm
Division of Emergency Management
Executive Conference Room

**2478 Fairview Drive
Carson City, NV 89701**

DIAL-IN INFORMATION:

DIAL-IN #: 1-888-273-3658

PASS CODE: 8743295

- V. 13:30 Hrs **WELCOME AND INTRODUCTIONS-** *Chair, Jim Walker*
- W. 13:35 **APPROVAL OF MINUTES (action):** July 28, 2008.
- X. 13:40 **BUSINESS (discussion only)–** *Chair, Jim Walker*
- a. Review of the State Hazard Mitigation Plan's Section 2 –
 - 1. Planning Process Planning Process Section; and
 - 2. Increase the Participation from other agencies in the Planning Process
 - b. How to Increase the Public Involvement Activities Report
 - c. Update regarding Elko County's plan integration into the State plan
 - d. Update regarding the integration of Douglas County's plan into the State plan
 - e. Update about the integration of the Severe Repetitive Loss requirements into the State plan
 - f. Update regarding the Insurance Pool's application for the identification of Unreinforced Masonry Buildings.
 - g. Update about the added language to respond to FEMA's crosswalk recommendations.
- Y. 14:55Hrs **PUBLIC COMMENT PERIOD**
- a. Please note the public is welcome to attend the meeting. Members of the public may bring matters not appearing on the meeting agenda to the attention of the Committee. However, the Committee may discuss the matter when it is brought up, but no action may be taken until it has been included on a future agenda as an action item.
- Z. 15:00 Hrs **ANNOUNCEMENT OF TENTATIVE FUTURE MEETINGS**
- a. Meetings are scheduled the last Monday of the last month in the quarter at 1:30 pm.
 - b. *January 26, 2009*
 - c. *February 23, 2009*
 - d. *April 27, 2009*
 - e. *July 27, 2009*
- AA. 15:10 Hrs **ADJOURN**

The Committee may take action on items marked by an asterisk (). Items may be taken out of order presented on the agenda at the discretion of the chairperson.*

This is a public meeting. In conformance with the Nevada Public Meeting law, I Elizabeth Ashby, posted or caused the posting of this agenda on or before October 21, 2008, 9:00 a.m. at the following locations:

*Nevada Division of Emergency Management (Carson City)
Nevada Bureau of Mines and Geology (Reno)*

Clark County Department of Buildings Russell/Cameron Office, Las Vegas

And on the website for the Nevada Hazard Mitigation Planning Committee at <http://www.nbmgs.unr.edu/nhmmpc/nhmmpc.htm>

For further information please contact Jonathan G. Price, State Geologist and Director, Nevada Bureau of Mines and Geology by email at jprice@unr.edu or telephone (775) 784-6691 extension 5.

We are pleased to make reasonable accommodations for members of the public who are disabled. If special arrangements are necessary, please notify the Committee at (775) 687-0314. Twenty-four hours advance notice is requested.

Minutes
Nevada Hazard Mitigation Planning Committee
PLANNING SUBCOMMITTEE
Monday, October 27, 2008, 1:30 pm
Division of Emergency Management, Executive Conference Room
2478 Fairview Drive
Carson City, NV 89701

Attendees:

Elizabeth Ashby, Division of Emergency Management
Kelli Barratti, Nevada Division of Forestry
Rick Diebold, City of Las Vegas Office of Emergency Management
Stacey Giomi, Carson City Emergency management
Kim Groenewold, Nevada Division of Water Resources
Kacey KC, Nevada Division of Forestry
Daphne D. LaPointe, Nevada Bureau of Mines and Geology
Rebecca Ossa, Nevada State Historic Preservation Office
Jon Price, Nevada Bureau of Mines and Geology
Jim Walker, Chair, Nevada Department of Transportation

Chair, Jim Walker opened the meeting, welcomed attendees, and introductions were made. Minutes of the July 28, 2008 meeting were distributed, and reviewed; a motion to accept the minutes was made by Jon Price, seconded by Stacey Giomi, and the minutes were approved as read.

❖ INCREASING PUBLIC INVOLVEMENT IN THE HAZARD MITIGATION PLANNING PROCESS

Jim reiterated the subcommittee statement from the last meeting that the primary lead on this is at the county/local level, where the public has more interest. Stacey commented that we could schedule public workshops and /or meetings around the state to involve the public and demonstrate that their input was solicited but that these are typically not be well-attended. He mentioned that one way his office has addressed public involvement is to include a survey document in bills asking questions about their wishes regarding hazard mitigation. After discussion, the subcommittee agreed that as local/county plans are integrated into the NHMP and approved by the full committee, the updates should be posted online for public review, and links to the updated plans should be sent via e-mail to interested parties such as emergency planners. Jon Price suggested that we also widen the distribution list for meeting agendas and minutes to include emergency managers and other interested parties. Kelly Barratti suggested sending modified subcommittee minutes (bullet points) to county emergency managers and Elizabeth Ashby said she could do this (especially to Douglas and Elko) and agreed to take the lead on posting all updates on the website, perhaps with changes highlighted.

❖ NHMP SECTION 2 UPDATES

Copies of Section 2 of the Nevada Hazard Mitigation Plan with updated portions were distributed for review and subcommittee members were asked to provide input on continuing revisions to this section, especially to Table 2-1 of Subcommittee members' names, contact information and designated responsibilities.

❖ UPDATED PLANS FOR ELKO AND DOUGLAS COUNTIES

Copies of the portion of NHMP Section 4 containing the integration of Elko County's plan and Douglas County's plan were distributed for review and subcommittee members were asked to provide feedback to Elizabeth by November 4th in order to enable us to get this section to the full Nevada Hazard Mitigation Planning Committee for approval at their next meeting. This will allow us to get it online for use by the public and interested parties in a timely manner. We discussed Douglas' and Elko's plans briefly and Stacey was asked if an Emergency Manager had yet been hired for Douglas County and whether this should be brought up at the planning committee. Douglas County needs a point of contact.

❖ REPETITIVE LOSS (RL) AND SEVERE REPETITIVE LOSS (SRL) PROPERTIES

D.D. and Elizabeth updated the subcommittee on work done to address FEMA's Crosswalk question about addressing Repetitive Loss properties and Severe Repetitive Loss properties in the NHMP, mainly in Section 4.4.5 and Section Nine. First, a definition of RL and SRL was acquired from Juliette with FEMA; we will add language clarifying these definitions to updated plan. We searched for places where repetitive loss was mentioned in the NHMP plan and revised wording to include addressing SRL issues where appropriate. We also consulted with Kim Groenewold of Nevada Division of Water Resources to obtain specific data regarding RL properties in the state. Using data she provided, we are devising a table and language to include in the NHMP to demonstrate the strategies employed to avoid having RL properties become SRL properties.

❖ SECTION 2 CHANGES

Subcommittee members were asked again to review Table 2-1 and e-mail Elizabeth with changes and updated contact information. Rick Diebold questioned how "Southern Nevada" is defined on the Table, informing us that some divided Nevada into three regions, and we need to agree on and define our meaning of "Southern Nevada." Jon Price advised that we do not want to lock ourselves into a rigid structure on this issue. Elizabeth Ashby and D.D. LaPointe will continue to work on revisions to Section 2 and present them to the subcommittee.

❖ UNREINFORCED MASONRY BUILDINGS (URMS)

It was reported that Wayne Carlson with the Nevada Public Agency Insurance Pool has drafted a proposal for a grant to fund a program to contact local jurisdictions and pool their tabulations of all URMs in their areas into a single database, which would be a first step towards doing something about URMs. We need this database to help counties apply for funding to address the problem. The database is to initially include all buildings and can later be subdivided into state-owned, public, or private. Stacey clarified a question about the Nevada Public Agency Insurance Pool - as a quasi-governmental agency formed to provide insurance for risk management to public agencies and municipalities. Rebecca Ossa asked that input on identification of historical buildings be included in the URM inventory.

❖ CHANGING CURRENT CROSSWALK LANGUAGE

Stacey, Rick and Elizabeth agreed to work on replacing current punitive language about "withholding funds if certain elements are not met" with more positive language that encourages and rewards state and local jurisdictions for making positive steps in the areas of building codes, zoning plans, mitigation codes, etc. Elizabeth proposed that she could add language to grant proposals asking jurisdictions how they have addressed prioritization criteria of hazards, how local building/zoning codes have addressed or identified hazards in

the community, and if any of the grant money requested will be used to address these issues. She asked for subcommittee members' help in their areas of expertise when asked to review these proposed NHMP updates.

Public comment was invited but none was offered.

The schedule of 2009 meetings was reviewed and revised as posted below:
Subcommittee meetings will be held the last Monday of the last month in the quarter at 1:30 pm:

January 26, 2009
April 27, 2009
July 27, 2009
October 26, 2009

The meeting was adjourned by Chairman Jim Walker at 3:00 PM

Respectfully submitted, on 12 January 2009
by Daphne D. LaPointe, Nevada Bureau of Mines & Geology

Agenda
Nevada Hazard Mitigation Planning Committee
PLANNING SUBCOMMITTEE
Monday, January 26, 2009, 1:30 pm
Division of Emergency Management
Executive Conference Room

**2478 Fairview Drive
Carson City, NV 89701**

DIAL-IN INFORMATION:

DIAL-IN #: 1-888-273-3658

PASS CODE: 8743295

- BB.** 13:30 Hrs **WELCOME AND INTRODUCTIONS-** *Chair, Jim Walker*
- CC.** 13:35 **APPROVAL OF MINUTES (action):** October 27, 2008.
- DD.** 13:40 **BUSINESS** *Chair, Jim Walker*
- a. Report about (discussion only):
 - 1. The Nevada Hazard Mitigation Planning Committee's approval of the integration of Elko and Douglas County into the updated version of Section 4 of the State Hazard Mitigation Plan.
 - 2. Increasing participation of others in the planning process by broader posting of minutes, agenda and revisions to plans on the Division's website.
 - 3. Language in the Notice of Interest form included in the application package allowing for added information to consider during the prioritization of proposals.
 - b. (*) Review of and possible approval for presentation of the updated version of Section 1 of the State Hazard Mitigation Plan to the Nevada Hazard Mitigation Planning Committee.
 - c. Review of the updated version of Section 2.
- EE.** 14:55Hrs **PUBLIC COMMENT PERIOD**
- a. Please note the public is welcome to attend the meeting. Members of the public may bring matters not appearing on the meeting agenda to the attention of the Committee. However, the Committee may discuss the matter when it is brought up, but no action may be taken until it has been included on a future agenda as an action item.
- FF.** 15:00 Hrs **ANNOUNCEMENT OF TENTATIVE FUTURE MEETINGS**
Meetings are scheduled the last Monday of the last month in the quarter at 1:30 pm.
- a. February 23, 2009
 - b. April 27, 2009
 - c. July 27, 2009
- GG.** 15:10 Hrs **ADJOURN**

The Committee may take action on items marked by an asterisk (). Items may be taken out of order presented on the agenda at the discretion of the chairperson.*

This is a public meeting. In conformance with the Nevada Public Meeting law, I Elizabeth Ashby, posted or caused the posting of this agenda on or before January 21, 2009, 9:00 a.m. at the following locations:

*Nevada Division of Emergency Management (Carson City)
Nevada Bureau of Mines and Geology (Reno)*

Clark County Department of Buildings Russell/Cameron Office, Las Vegas

And on the website for the Nevada Hazard Mitigation Planning Committee at <http://www.nbmg.unr.edu/nhmmpc/nhmmpc.htm>

For further information please contact Jonathan G. Price, State Geologist and Director, Nevada Bureau of Mines and Geology by email at jprice@unr.edu or telephone (775) 784-6691 extension 5.

We are pleased to make reasonable accommodations for members of the public who are disabled. If special arrangements are necessary, please notify the Committee at (775) 687-0314. Twenty-four hours advance notice is requested.

Minutes
Nevada Hazard Mitigation Planning Committee
PLANNING SUBCOMMITTEE
Monday, January 26, 2009, 1:30 pm
Division of Emergency Management, Executive Conference Room
2478 Fairview Drive
Carson City, NV 89701

Attendees:

Rick Diebold, City of Las Vegas Office of Emergency Management
Jim Walker, Chair, Nevada Department of Transportation
Bill Elliott, Division of Emergency Management
Stacey Giomi, Carson City Emergency management
Keith Forbes, Nevada Department of Agriculture
Kacey KC, Nevada Division of Forestry
Suzanne Brunette, Division of Emergency Management
Kim Groenewold, Nevada Division of Water Resources
Jon Price, Nevada Bureau of Mines and Geology
Daphne D. LaPointe, Nevada Bureau of Mines and Geology
Joan Tiearney, Risk Management
Kelli Barratti, Nevada Division of Forestry
Elizabeth Ashby, Division of Emergency Management

- ❖ Chairman Jim Walker opened the meeting at 1:35 P.M., welcomed attendees, and introductions were made. Minutes of the Oct. 26, 2008 meeting were distributed, and reviewed; a motion to accept the minutes was made by Kelli Barratti, seconded by Rick Diebold, and the minutes were approved.
- ❖ The first item of business was the approval of the completed integration of Elko and Douglas Counties' plan elements into the updated version of Section 4 of the Nevada Hazard Mitigation Plan, and to submit it to the full NHMP for approval and posting on the website.
- ❖ In response to FEMA's suggestion for more public involvement in the planning process, there was discussion of increasing the amount of information posted on the Public Safety website including NHMP minutes, meeting agendas and plan revisions. There is already an option on the website for public commentary and feedback.
- ❖ There was discussion of changing the language in the Notice of Interest to apply for hazard mitigation grants to include added information to consider in prioritizing applications. Elizabeth reported that we are using Arizona's form as a model in order to add some points to encourage applicants to include adherence to "smart growth" policies in the application process.
- ❖ It was reported that the updated version of Section 1 of the State Hazard Mitigation Plan is being prepared for approval by the Nevada Hazard Mitigation Planning Committee. Elizabeth reported that Glade Myler is working on some minor legal rewording of the language in Section 1. Stacey Giomi brought up that there may be new legislation in

process relative to fires in the Lake Tahoe Basin that may need to be considered in the plan. He said S.B. 94 on state fuel reduction ordinances to protect Tahoe Basin lands has a mitigation component. It was agreed that we would monitor the progress of this bill and incorporate new language in the plan if necessary to cover it. Kelli Baratti agreed to send Elizabeth more detailed information on it.

- ❖ Jim called for a vote to approve the amended Section 1 and present it to the full committee for approval. Rick Diebold so moved, Jon Price seconded the motion and the subcommittee voted unanimously to approve the motion.
- ❖ Copies of the most recently updated version of Section 2 of the Nevada Hazard Mitigation Plan were distributed for review and Elizabeth and D.D. requested subcommittee members' input by February 6 on Tables 2-4 and 2-5 in particular and any other edits needed. Elizabeth will send a reminder.
- ❖ Jon Price gave a brief update on lessons learned from the Wells Earthquake. He reported on variations in location & magnitude based on USGS data versus NSL data. He also discussed the comparison of HAZUS loss estimates to actual losses noting a variation from 2-3 times actual, indicating that HAZUS may be reliable to yield good ballpark estimates of predicted economic loss and thus to plan levels of emergency response. There was also discussion of the reduction in reliability of HAZUS estimates in rural communities because of the way US Census population is reported in broad tracts and blocks rather than tied to accurate locations of rural population centers. HAZUS loss estimation data is more accurate in urban areas with populations greater than 4000.
- ❖ Jim opened the Public Comment Period but there was no public comment

The schedule of 2009 meetings was reviewed and revised as posted below:

Subcommittee meetings will be held the last Monday of the last month in the quarter at 1:30 pm:

- ❖ April 27, 2009
- ❖ July 27, 2009
- ❖ October 26, 2009

Stacey Giomi moved to adjourn the meeting, Kelli Barratti seconded the motion and the meeting was adjourned by Chairman Jim Walker

Respectfully submitted, 4 February 2009
by Daphne D. LaPointe
Nevada Bureau of Mines & Geology

Agenda
Nevada Hazard Mitigation Planning Committee
PLANNING SUBCOMMITTEE
Monday, April 27, 2009, 1:30 pm
Division of Emergency Management
Executive Conference Room

**2478 Fairview Drive
Carson City, NV 89701**

DIAL-IN INFORMATION:

DIAL-IN #: 1-888-273-3658

PASS CODE: 8743295

- HH. WELCOME AND INTRODUCTIONS-** *Chair, Jim Walker*
- II. APPROVAL OF MINUTES (action):** January 26, 2009.
- JJ. UPDATE OF THE STATE HAZARD MITIGATION PLAN,** *Chair, Jim Walker*
- a. Review and discussion of new Section 0 - Plan Overview and Profile of the State
 - b. Discussion about possible revisions to the current Table identifying and profiling hazards in Nevada.
 - c. Distribution of current criteria used to categorize hazards for members to review.
- KK. PUBLIC COMMENT PERIOD**
- a. Please note the public is welcome to attend the meeting. Members of the public may bring matters not appearing on the meeting agenda to the attention of the Committee. However, the Committee may discuss the matter when it is brought up, but no action may be taken until it has been included on a future agenda as an action item.
- LL. ANNOUNCEMENT OF TENTATIVE FUTURE MEETINGS**
- Meetings are scheduled the last Monday of the first month in the calendar quarter at 1:30 pm.
- a. July 27, 2009
 - b. August 24, 2009
 - c. October 26, 2009
 - d. January 25, 2010

MM. 15:10 Hrs ADJOURN

The Committee may take action on items marked by an asterisk (). Items may be taken out of order presented on the agenda at the discretion of the chairperson.*

This is a public meeting. In conformance with the Nevada Public Meeting law, I Elizabeth Ashby, posted or caused the posting of this agenda on or before Wednesday, April 22, 2009, 9:00 a.m. at the following locations:

*Nevada Division of Emergency Management (Carson City)
Nevada Bureau of Mines and Geology (Reno)
Clark County Department of Buildings Russell/Cameron Office, Las Vegas
And on the website for the Nevada Hazard Mitigation Planning Committee at <http://www.nbmng.unr.edu/nhmmpc/nhmmpc.htm>*

For further information please contact Jonathan G. Price, State Geologist and Director, Nevada Bureau of Mines and Geology by email at jprice@unr.edu or telephone (775) 784-6691 extension 5.

We are pleased to make reasonable accommodations for members of the public who are disabled. If special arrangements are necessary, please notify the Committee at (775) 687-0314. Twenty-four hours advance notice is requested.

Minutes

Nevada Hazard Mitigation Planning Committee

PLANNING SUBCOMMITTEE

Monday, April 27, 2009, 1:30 pm

Division of Emergency Management, Executive Conference Room

2478 Fairview Drive

Carson City, NV 89701

Attendees:

Jon Price, Nevada Bureau of Mines and Geology

D. D. LaPointe, Nevada Bureau of Mines and Geology

Stacey Giomi, Carson City Emergency Management

Kelli Barratti, Nevada Division of Forestry

Rob Martinez, Nevada Division of Water Resources

Rob Palmer, Nevada Division of Emergency Management

WELCOME AND INTRODUCTIONS

- ❖ Jon Price assumed the duty of chairing the meeting in the absence of Chairman Jim Walker and Mitigation Officer, Elizabeth Ashby. Jon opened the meeting at 1:40 P.M., welcomed attendees, and introductions were made.

APPROVAL OF MINUTES

- ❖ Minutes of the January 26, 2009 meeting were distributed, and reviewed; a motion to accept the minutes was made by Stacey Giomi, seconded by Kelli Barratti, and the minutes were approved as submitted.

UPDATE OF THE STATE HAZARD MITIGATION PLAN

A. D.D. LaPointe opened discussion of the proposed addition to the NHMP. The proposed addition would be a "Section Zero," described as a Plan Overview and State Profile, patterned

after some other states' plans (e.g. Montana and Utah). Copies of a draft of proposed Section Zero were handed out for review and discussion. There was general agreement that the incorporation of such a Section Zero was a good idea and that it reads well.

Some suggestions that were made were:

- ❖ Fix current pagination from current 1-1, 2-2 to 0-1, 0-2.
- ❖ Add more language to the "Population" section to emphasize the overall sparse nature of the rural counties outside Washoe and Clark and the great distances between communities. Reinforce how this limits resources, making them insufficient to deal with disasters. The long hours of travel between some county seats and outlying communities prevents those communities from getting prompt emergency response where needed, since the centers of emergency response are generally located in county seats.
- ❖ Update population data as new figures become available.

- B. There was discussion about ongoing work on Section Three of the NHMP. D.D. asked for committee input on editing two tables near the beginning of the section that list hazards and identify which ones should be profiled for Nevada. Are there any new hazards that should be profiled, such as breaching of levees? Rob Palmer mentioned that the term should be "canals," not "levees," to remove any confusion with the type of levees present in coastal parts of the country places like Louisiana. He said he is working with FEMA on new language to cover this. There was discussion as to whether such events should be included as a sub-heading under an existing hazard category like "floods." There was agreement that this subject needs further discussion among all Subcommittee members.

Copies of the current criteria used to categorize and profile hazards were distributed for members to review and provide feedback to Elizabeth and D.D. for use in updating the tables in Section Three dealing with identifying and profiling of hazards.

C. PUBLIC COMMENT PERIOD

- ❖ Jon opened the Public Comment Period but there was no public comment

D. ANNOUNCEMENT OF FUTURE MEETING DATES

Meetings of the Nevada Hazard Mitigation Planning Subcommittee are generally scheduled for the last Monday of the first month in the calendar quarter at 1:30 p.m. in the offices of the Nevada Division of Emergency Management in Carson City. The schedule of 2009 meetings was reviewed and approved.

The next meetings will be:

- a. July 27, 2009*
- b. October 26, 2009*
- c. January 25, 2010*
- d. April 26, 2010*

*Respectfully submitted, 17 July 2009
by Daphne D. LaPointe
Nevada Bureau of Mines & Geology*

Agenda
Nevada Hazard Mitigation Planning Committee
PLANNING SUBCOMMITTEE
Monday, July 27, 2009, 1:30 pm
Division of Emergency Management
Executive Conference Room

2478 Fairview Drive
Carson City, NV 89701

DIAL-IN INFORMATION:

DIAL-IN #: 1-888-273-3658

PASS CODE: 8743295

- NN. WELCOME AND INTRODUCTIONS-** *Chair, Jim Walker*
- OO. (*)APPROVAL OF MINUTES (action):** April 27, 2009.
- PP. UPDATE OF THE STATE HAZARD MITIGATION PLAN,** *Chair, Jim Walker*
- a. (*)Review and possible approval of final Hazard Profiling Table – Section 3 Risk Assessment **(action)**
 - b. Hazard Profiling and Categorization by Subcommittee members
 - c. (*)Approval of final Hazard Categorization **(action)**.
- QQ. PUBLIC COMMENT PERIOD**
- a. Please note the public is welcome to attend the meeting. Members of the public may bring matters not appearing on the meeting agenda to the attention of the Committee. However, the Committee may discuss the matter when it is brought up, but no action may be taken until it has been included on a future agenda as an action item.
- RR. ANNOUNCEMENT OF TENTATIVE FUTURE MEETINGS**
- Meetings are scheduled the last Monday of the first month in the calendar quarter at 1:30 pm.
- a. *October 26, 2009*
 - b. *January 25, 2010*
 - c. *April 26, 2010*

SS. ADJOURN

The Committee may take action on items marked by an asterisk (). Items may be taken out of order presented on the agenda at the discretion of the chairperson.*

This is a public meeting. In conformance with the Nevada Public Meeting law, I Elizabeth Ashby, posted or caused the posting of this agenda on or before Tuesday, April 21, 2009, 9:00 a.m. at the following locations:

Nevada Division of Emergency Management (Carson City)
Nevada Bureau of Mines and Geology (Reno)
Clark County Department of Buildings Russell/Cameron Office, Las Vegas
And on the website for the Nevada Hazard Mitigation Planning Committee at <http://www.nbmng.unr.edu/nhmpr/nhmpr.htm>

For further information please contact Jonathan G. Price, State Geologist and Director, Nevada Bureau of Mines and Geology by email at jprice@unr.edu or telephone (775) 784-6691 extension 5.
We are pleased to make reasonable accommodations for members of the public who are disabled. If special arrangements are necessary, please notify the Committee at (775) 687-0314. Twenty-four hours advance notice is requested.

Minutes

Nevada Hazard Mitigation Planning Committee

PLANNING SUBCOMMITTEE

Monday, July 27, 2009, 1:30 pm

Division of Emergency Management, Executive Conference Room

2478 Fairview Drive

Carson City, NV 89701

Attendees:

Jim Walker, Chair, Nevada Department of Transportation

Elizabeth Ashby, Nevada Division of Emergency Management

Kacey KC, Nevada Division of Forestry

D. D. LaPointe, Nevada Bureau of Mines and Geology

Karen Johnson, Nevada Division of Emergency Management

Kim Groenewold, Nevada Division of Water Resources

Rick Diebold, City of Las Vegas Office of Emergency management

WELCOME AND INTRODUCTIONS

- ❖ Subcommittee Chairman Jim Walker welcomed attendees and opened the meeting at 1:30 P.M. and Elizabeth circulated a list of members for attendees to edit and initial.

APPROVAL OF MINUTES

- ❖ Minutes of the April 27, 2009 meeting were distributed and reviewed. A motion to accept the minutes was made by Rick Diebold, seconded by Kacey KC and the minutes were approved as submitted.

UPDATE OF THE STATE HAZARD MITIGATION PLAN

Jim opened discussion of changes and additions to the list of hazards to be profiled.

Members reviewed the addition of canal failure, the inclusion of sinkholes over old mine workings as a subcategory under ground failure, and the inclusion of subsidence as a result of groundwater withdrawal. Kim Groenewold also proposed the inclusion of mudslides as a hazard to be profiled on the worksheet. There was discussion on whether it should be added under ground failure or flooding, and it was decided that flooding was the better match since mudslides are covered under flood insurance as a type of flooding. She also said that the listing would be stronger for obtaining mitigation funding if we included all events that cause flooding (such as dam failure and canal failure) under the general heading of flooding. Kim agreed to provide the Subcommittee with definitions of mudslides, canals, and other language relative to flooding for inclusion in the plan.

On the listing of subsidence, Rick questioned whether it should be included at all, since there is no declaration of emergency associated with subsidence. Jim said that since we still want to be eligible for mitigation funds relative to subsidence damage, we should include it on the list. Members agreed to ask for input from Jon Price and the NBMG on what category subsidence should fall under – ground failure or human-caused.

As there were no further additions or changes to the list, Jim summarized the Subcommittee's decisions thus:

1. Move canal failure and dam failure to the flooding category and add mudslides to flooding.
2. Add ground failure and subsidence to the list where appropriate.

The Subcommittee moved on to work on the profiling worksheet for hazards. All members present were asked to assign ranking values for each of the 7 hazard screening criteria for each listed hazard on the worksheet. This data will then be tabulated and averaged for all hazards to arrive at a final ranking of all listed hazards. Elizabeth said she will request that the Subcommittee members not present submit completed worksheets to add to the tabulation.

C. PUBLIC COMMENT PERIOD

Jim opened the Public Comment Period but there was no public comment.

E. ANNOUNCEMENT OF FUTURE MEETING DATES

Meetings of the Nevada Hazard Mitigation Planning Subcommittee are generally scheduled for the last Monday of the first month in the calendar quarter at 1:30 p.m. in the offices of the Nevada Division of Emergency Management in Carson City. The schedule of 2009 meetings was reviewed and approved.

The next meetings will be:

- a. October 26, 2009*
- b. January 25, 2010*
- c. April 26, 2010*

The meeting was adjourned.

*Respectfully submitted, 28 July 2009
by Daphne D. LaPointe
Nevada Bureau of Mines & Geology*

Agenda
Nevada Hazard Mitigation Planning Committee
PLANNING SUBCOMMITTEE
Monday, October 26, 2009, 1:30 pm
Division of Emergency Management
Executive Conference Room

**2478 Fairview Drive
Carson City, NV 89701**

DIAL-IN INFORMATION:

DIAL-IN #: 1-888-273-3658

PASS CODE: 8743295

TT. WELCOME AND INTRODUCTIONS- *Chair, Jim Walker*

UU. (*)APPROVAL OF MINUTES (action): July 27, 2009.

VV. UPDATE OF THE STATE HAZARD MITIGATION PLAN, *Chair, Jim Walker*

- a. Review and Discussion of the Hazard Categorization table which lists the Nevada state hazards previously identified and provides a rating of high, medium and low risk hazards.
- b. (*)Approval of final Hazard Categorization **(action)**
- c. Reorganized section 3.3.8 Floods review and discussion

WW. PUBLIC COMMENT PERIOD

- a. Please note the public is welcome to attend the meeting. Members of the public may bring matters not appearing on the meeting agenda to the attention of the Committee. However, the Committee may discuss the matter when it is brought up, but no action may be taken until it has been included on a future agenda as an action item.

XX. ANNOUNCEMENT OF TENTATIVE FUTURE MEETINGS

Meetings are scheduled the last Monday of the first month in the calendar quarter at 1:30 pm.

- a. January 25, 2010
- b. April 26, 2010
- c. Jul 26, 2010
- d. Oct 25, 2010

YY. ADJOURN

The Committee may take action on items marked by an asterisk (). Items may be taken out of order presented on the agenda at the discretion of the chairperson.*

This is a public meeting. In conformance with the Nevada Public Meeting law, I Elizabeth Ashby, posted or caused the posting of this agenda on or before Tuesday, October 20, 2009, 9:00 a.m. at the following locations:

Nevada Division of Emergency Management (Carson City)

Nevada Bureau of Mines and Geology (Reno)

Clark County Department of Buildings Russell/Cameron Office, Las Vegas

And on the website for the Nevada Hazard Mitigation Planning Committee at <http://www.nbmg.unr.edu/nhmpc/nhmpc.htm>

For further information please contact Jonathan G. Price, State Geologist and Director, Nevada Bureau of Mines and Geology by email at jprice@unr.edu or telephone (775) 784-6691 extension 5.

We are pleased to make reasonable accommodations for members of the public who are disabled. If special arrangements are necessary, please notify the Committee at (775) 687-0314. Twenty-four hours advance notice is requested.

Minutes

Nevada Hazard Mitigation Planning Committee

PLANNING SUBCOMMITTEE

Monday, October 26, 2009, 1:30 pm

Division of Emergency Management, Executive Conference Room

2478 Fairview Drive

Carson City, NV 89701

Attendees:

Jim Walker, Chair, Nevada Department of Transportation

Rick Diebold, City of Las Vegas Office of Emergency management

Rob Fellows, Carson City Public Works Dept.

Kim Groenewold, Nevada Division of Water Resources

Karen Johnson, Nevada Division of Emergency Management

D. D. LaPointe, Nevada Bureau of Mines and Geology

Maureen Martinez, Nevada Risk Management Division

Glade Myler, Office of the Nevada Attorney General

Rob Palmer, Nevada Division of Environmental Protection

Jon Price, Nevada Bureau of Mines and Geology

WELCOME AND INTRODUCTIONS

- ❖ Subcommittee Chairman Jim Walker opened the meeting at 1:38 P.M and welcomed attendees who introduced themselves. Copies of materials to be discussed were distributed to attendees.

APPROVAL OF MINUTES

- ❖ Minutes of the July 27, 2009 meeting were distributed and reviewed. A motion to accept the minutes was made by Rick Diebold, seconded by Jon Price and the minutes were approved as submitted.

UPDATE OF THE STATE HAZARD MITIGATION PLAN

The tabulated results of Subcommittee members' input to the listing of previously profiled Nevada state hazards were reviewed and Karen Johnson led the group in discussion and rating of the profiled state hazards into rankings of Very High, High, Moderate, Low and Very Low Risk hazards. There was general agreement on the Very High and High Risk ranking of hazards, and discussion of the rankings below that with slightly differing opinions from various subcommittee members. A general consensus of most subcommittee members was reached on a tentative hazard ranking Table which was written on the whiteboard. Rob Fellows made a motion for a vote to approve the Categorization of Hazards Table as presented below, Jon Price seconded, and there was more brief discussion, after which Chair Jim Walker called for a vote. There were nine votes for approval and one vote against. The motion carried and the Categorization of Hazards Table will be included as part of the 2010 NHMP update.

Categorization of Hazards Table

Very High Risk Hazard	High Risk Hazard	Moderate Risk Hazard	Low Risk Hazard	Very Low Risk Hazard
Earthquake	Flood	Epidemic	Drought	Avalanche
Terrorism/WMD	Wildfire	Severe Winter Storm	Hazardous Material Events	Expansive Soils
			Severe Windstorm	Extreme Heat
			Tsunami/Seiche	Ground failure
				Hail- and Thunderstorm
				Infestation

				Land Subsidence
				Tornado
				Volcano

- ❖ Reorganized section 3.3.8 Floods review and discussion D.D. distributed some pages of the Floods section 3 of the of the NHMP where language changes on definition of floods (including mudslide, canal wall failure and dam failure) and repetitive loss will be incorporated into the 2010 update of the NHMP. She requested input from Subcommittee members in particular on definitions of mudslides and canal wall failure. Kim Groenewold mentioned that she has already provided some updated language on this.
- ❖ Jon Price updated the Subcommittee on new NBMG open file reports to be presented and demoed at a press conference next week in Las Vegas: “Quaternary Fault Map of Nevada” and “Estimated Losses from Earthquakes near Nevada Communities.” The latter is based on FEMA’s loss estimation software, HAZUS MH, and the data from it will be included in the 2010 NHMP update. He gave a brief summary to the Subcommittee of how the HAZUS program works and what its main uses are.

Jim Walker asked if there was any other business to discuss, and, there being none, opened the Public Comment period. There was no public comment.

Meetings of the Nevada Hazard Mitigation Planning Subcommittee are generally scheduled for the last Monday of the first month in the calendar quarter at 1:30 p.m. in the offices of the Nevada Division of Emergency Management in Carson City. The proposed schedule of 2010 meetings was reviewed, briefly discussed to see if there was a better day for meetings, but there was general agreement on the following proposed schedule of 2010 meetings:

- a. January 25, 2010*
- b. April 26, 2010*
- c. July 26, 2010*
- d. October 25, 2010*

Rob Fellows made a motion to adjourn, seconded by Jon Price, and the meeting was adjourned.

Respectfully submitted, 27 October 2009

by Daphne D. LaPointe

Nevada Bureau of Mines & Geology

Agenda
Nevada Hazard Mitigation Planning Committee
PLANNING SUBCOMMITTEE
Monday, January 25 2010, 1:30 pm
Division of Emergency Management
Executive Conference Room

2478 Fairview Drive
Carson City, NV 89701

DIAL-IN INFORMATION:

DIAL-IN #: 1-888-273-3658

PASS CODE: 8743295

ZZ. WELCOME AND INTRODUCTIONS- *Chair, Jim Walker*

AAA. (*)APPROVAL OF MINUTES (action): October 26, 2009.

BBB. UPDATE OF THE STATE HAZARD MITIGATION PLAN, *Chair, Jim Walker*

a. Review status of Section 3 subsections profiling the following selected hazards:

- flood (pending updated HAZUS runs) – Kim?
- wildfire – Mike/Kacey NDF
- epidemic – Bill Elliott
- infestation – Scott Marsh/Jeff Knight
- earthquake – Jon Price
- expansive soils - Jon Price
- land subsidence - Jon Price
- terrorism – Rick Diebold?
- ground failure - Jon Price
- extreme heat –OK?
- severe winter storm- OK?
- windstorm- OK?
- hail and thunderstorms - OK?
- hazardous materials – Rob Palmer
- avalanche – OK?
- drought -OK?

b. (*)Possible approval of the avalanche and drought sections (**action**)

c. Plant infestation presentation ~ *Scott Marsh*

d. FEMA Region IX discussion about RiskMap

CCC. PUBLIC COMMENT PERIOD

a. Please note the public is welcome to attend the meeting. Members of the public may bring matters not appearing on the meeting agenda to the attention of the Committee. However, the Committee may discuss the matter when it is brought up, but no action may be taken until it has been included on a future agenda as an action item.

DDD. ANNOUNCEMENT OF TENTATIVE FUTURE MEETINGS

Meetings are scheduled the last Monday of the first month in the calendar quarter at 1:30 pm.

a. *April 26, 2010*

b. *Jul 26, 2010*

c. *Oct 25, 2010*

d. *January 24, 2011*

EEE. ADJOURN

The Committee may take action on items marked by an asterisk (). Items may be taken out of order presented on the agenda at the discretion of the chairperson.*

*This is a public meeting. In conformance with the Nevada Public Meeting law, I Elizabeth Ashby, posted or caused the posting of this agenda on or before Tuesday, **January 12, 2010**, 9:00 a.m. at the following locations:*

Nevada Division of Emergency Management (Carson City)

Nevada Bureau of Mines and Geology (Reno)

Clark County Department of Buildings Russell/Cameron Office, Las Vegas

And on the website for the Nevada Hazard Mitigation Planning Committee at <http://www.nbmg.unr.edu/nhmmpc/nhmmpc.htm>

For further information please contact Jonathan G. Price, State Geologist and Director, Nevada Bureau of Mines and Geology by email at jprice@unr.edu or telephone (775) 784-6691 extension 5.

We are pleased to make reasonable accommodations for members of the public who are disabled. If special arrangements are necessary, please notify the Committee at (775) 687-0314. Twenty-four hours advance notice is requested.

Minutes

Nevada Hazard Mitigation Planning Committee

PLANNING SUBCOMMITTEE

Monday, January 25, 2010, 1:30 pm

Division of Emergency Management, Executive Conference Room

2478 Fairview Drive

Carson City, NV 89701

Attendees:

Jim Walker, Chair, Nevada Department of Transportation

Rick Diebold, City of Las Vegas Office of Emergency management

Elizabeth Ashby, Nevada Division of Emergency Management

Karen Johnson, Nevada Division of Emergency Management

Jon Price, Nevada Bureau of Mines and Geology

D. D. LaPointe, Nevada Bureau of Mines and Geology

Maureen Martinez, Nevada Risk Management Division

Rob Palmer, Nevada Division of Environmental Protection

Jon Price, Nevada Bureau of Mines and Geology

Mike Dondero, Nevada Division of Forestry

Scott Marsh, Nevada Department of Agriculture

Bill Elliott, Nevada Division of Emergency Management

Mike Cyphers, City of Henderson, Emergency Management

Robert Martinez, Nevada Division of Water Resources

Jeff Collins, Nevada Division of Environmental Protection

Stacey Giomi, Carson City Emergency Manager

Craig Marshall, Nevada State Public Works Board

WELCOME AND INTRODUCTIONS

Subcommittee Chairman Jim Walker opened the meeting at 1:30 P.M and welcomed attendees who introduced themselves. Copies of minutes and materials to be discussed were distributed to attendees.

APPROVAL OF MINUTES

Minutes of the October 26, 2009 meeting were distributed and reviewed. A motion to accept the minutes was made by Stacey Giomi, seconded by Mike Dondero and the minutes were approved as submitted.

UPDATE OF THE STATE HAZARD MITIGATION PLAN

Chairman Jim Walker opened discussion on reviewing the status of Section 3 subsections as follows:

- ❖ Flood: D.D. and Elizabeth reported that this section has been heavily edited and is awaiting updated HAZUS runs from NBMG.
- ❖ Wildfire – Mike Dondero reported that there would be minor edits coming from NDF in a couple of weeks. Every county has wildfire plans and BLM is currently doing both national and western states regional wildfire risk assessments which may be incorporated into the state plan if available in time.
- ❖ Epidemic – Bill Elliott reported that he still needs a little time to work on this as he would like to coordinate with Rick Diebold on how and where to address the issue of biological terrorism.
- ❖ Infestation – Scott Marsh is editing and adding material to this section regarding noxious and invasive weeds. He also mentioned working with NDF on it since weeds are flammable. He will work with Jeff Knight to include more information on insects.
- ❖ Earthquakes – Jon Price gave some edits and comments to D.D. to add to this section and listed some new NBMG reports that need to be referenced in it as well.
- ❖ Expansive soils, land subsidence, and ground failure - Jon Price said he will look these sections over but does not anticipate there being any major edits needed – just a few added areas in Clark County where there have been some subsidence issues.

- ❖ Terrorism – Rick Diebold reported that these sections had gone to the North and South and would be knocked out in a couple of weeks, and that he will coordinate with Bill Elliott on biological terrorism issues.
- ❖ Jim explained that we will be combining earlier sections on extreme heat; severe winter storm; windstorm; hail and thunderstorms; and tornadoes into a single section on “Severe Weather” and that we have already had significant input on these areas from State Climatologist’s office, so there should be few changes. Mike suggested that we also coordinate with someone from NOAA as a lead contact person on this section to get an emergency advisory outlook on severe weather, and suggested Rhett Milne at the Reno NOAA office.
- ❖ Hazardous materials – Rob Palmer is waiting for a reformat of material into tabular format before working on it. Stacey suggested that he get input from the State Fire Marshall’s office and there was brief discussion of transport of low-level nuclear material through the state and long-term mercury storage issues.
- ❖ Drought - Elizabeth and D.D. reported that this section has also been edited using the information provided by the State Climatologist’s office and is in good shape.
- ❖ Avalanche –Elizabeth and D.D. reported that this section has been reformatted, edited, and historical information added, and Karen recently e-mailed additional Washoe County plan material to integrate into the section – it is in good shape. The avalanche section was approved by the subcommittee pending minor edits as described.

Scott Marsh with the Nevada Department of Agriculture gave a short presentation on noxious weeds and the state’s integrated management program.

Update on FEMA Region IX RISKMAP- an offshoot of FEMA’s update of digital flood map with new hydrology and hydraulic studies. Elizabeth reported that there is not going to be a new one produced soon by FEMA for Nevada with the exception of Clark County, which provided FEMA its own data for the update.

Chairman Jim Walker opened the Public Comment period. There was no public comment.

Future meeting dates are scheduled as follows:

a. April 26, 2010

b. July 26, 2010

c. October 25, 2010

d. January 24, 2011

Jon Price made a motion to adjourn, seconded by, Stacey Giomi and the meeting was adjourned.

Respectfully submitted, 29 January 2010

by Daphne D. LaPointe

Nevada Bureau of Mines & Geology

Agenda
Nevada Hazard Mitigation Planning Committee
PLANNING SUBCOMMITTEE
Monday, April 26, 2010, 1:30 pm
Division of Emergency Management
Executive Conference Room

**2478 Fairview Drive
Carson City, NV 89701**

DIAL-IN INFORMATION:
DIAL-IN #: 1-888-273-3658
PASS CODE: 8743295

FFF. WELCOME AND INTRODUCTIONS- *Chair, Jim Walker*

GGG. (*)APPROVAL OF MINUTES (action): January 25, 2010

HHH. UPDATE OF THE STATE HAZARD MITIGATION PLAN, *Chair, Jim Walker*

a. Review status of Section 3 subsections profiling the following selected hazards:

- flood (pending updated HAZUS runs) – Kim
- wildfire – Mike/Kacey NDF
- epidemic – Bill Elliott
- infestation – Scott Marsh/Jeff Knight - complete
- earthquake – Jon Price - complete
- expansive soils - Jon Price
- land subsidence - Jon Price
- terrorism – Rick Diebold
- ground failure - Jon Price
- extreme heat –
- severe winter storm-
- windstorm-
- hail and thunderstorms -
- hazardous materials – Rob Palmer
- avalanche – complete
- drought -complete

III. Review and update of goals and objectives for mitigation planning and the following hazards -
Chair, Jim Walker

1. Wildfire
2. Earthquake
3. Flood

JJJ. Review and update of the State's pre and post-disaster hazard management policies, programs, and capabilities to mitigate the hazards in the area.- *Chair, Jim Walker*

KKK. DISCUSSION ABOUT THE RISK ASSESSMENT WEBSITE PROJECT – *Jon Price*

LLL. PUBLIC COMMENT PERIOD

- a. Please note the public is welcome to attend the meeting. Members of the public may bring matters not appearing on the meeting agenda to the attention of the Committee. However, the Committee may discuss the matter when it is brought up, but no action may be taken until it has been included on a future agenda as an action item.

MMM. ANNOUNCEMENT OF TENTATIVE FUTURE MEETINGS

Meetings are scheduled the last Monday of the first month in the calendar quarter at 1:30 pm.

- a. April 26, 2010
- b. Jul 26, 2010
- c. Oct 25, 2010
- d. January 24, 2011

NNN. ADJOURN

The Committee may take action on items marked by an asterisk (). Items may be taken out of order presented on the agenda at the discretion of the chairperson.*

This is a public meeting. In conformance with the Nevada Public Meeting law, I Elizabeth Ashby, posted or caused the posting of this agenda on or before Wednesday, April 20, 2010, 9:00 a.m. at the following locations:

Nevada Division of Emergency Management (Carson City)

Nevada Bureau of Mines and Geology (Reno)

Clark County Department of Buildings Russell/Cameron Office, Las Vegas

And on the website for the Nevada Hazard Mitigation Planning Committee at <http://www.nbmgs.unr.edu/nhmmpc/nhmmpc.htm>

For further information please contact Jonathan G. Price, State Geologist and Director, Nevada Bureau of Mines and Geology by email at jprice@unr.edu or telephone (775) 784-6691 extension 5.

We are pleased to make reasonable accommodations for members of the public who are disabled. If special arrangements are necessary, please notify the Committee at (775) 687-0314. Twenty-four hours advance notice is requested.

Minutes

Nevada Hazard Mitigation Planning Committee

PLANNING SUBCOMMITTEE

Monday, April 26, 2010, 1:30 pm

Division of Emergency Management, Executive Conference Room

2478 Fairview Drive

Carson City, NV 89701

Attendees:

Jim Walker, Chair, Nevada Department of Transportation

Rick Diebold, City of Las Vegas Office of Emergency management

Elizabeth Ashby, Nevada Division of Emergency Management

Karen Johnson, Nevada Division of Emergency Management

Jon Price, Nevada Bureau of Mines and Geology

D. D. LaPointe, Nevada Bureau of Mines and Geology

Maureen Martinez, Nevada Risk Management Division

Jon Price, Nevada Bureau of Mines and Geology

Mike Dondero, Nevada Division of Forestry

Mike Cyphers, City of Henderson, Emergency Management

Stacey Giomi, Carson City Emergency Manager

Bill Elliott, Nevada Division of Emergency Management

Glade Myler, State Attorney General's Office

John Fielding, Yerington Tribal Police

WELCOME AND INTRODUCTIONS

Subcommittee Chairman Jim Walker opened the meeting at 1:30 P.M and welcomed attendees who introduced themselves. Copies of minutes and meeting materials to be discussed were distributed to attendees.

APPROVAL OF MINUTES

Minutes of the January 25, 2010 meeting were distributed and reviewed. A motion to accept the minutes was made by Stacey Giomi, seconded by Bill Elliott and the minutes were approved as submitted.

UPDATE OF THE STATE HAZARD MITIGATION PLAN

Chairman Jim Walker opened discussion on reviewing the status of Section 3 subsections profiling the following selected hazards:

flood - this section has been heavily edited, with flooding due to dam failure added, and is done-pending addition of updated HAZUS runs from NBMG. These will include Churchill County, which was omitted from the 2007 runs. Jon reported that the biggest change from 2007 will be the jump in Churchill Co

numbers. This HAZUS data is available online as an NBMG open file report. There is a glitch in some “bad reaches” along the Muddy River near Panaca but in unpopulated areas so it would not change results much. This section can go to Kim G. or NBMG for final review. Elizabeth said she would give it to Kim when she sees her. We still lack flood data on flash floods and alluvial fans and should include that in future goals.

- ❖ wildfire – Mike Dondero of NDF reported that they were about done working on it.
- ❖ epidemic – Bill Elliott reported it was done – challenges defined
- ❖ infestation – section already complete with extensive additions on invasive weeds & aquatic plant & animal infestations.
- ❖ earthquake, expansive soils, land subsidence, & ground failure - Jon Price reported that his edits and additions on these sections are completed and have been turned in to DD and are being incorporated into the final subsections.
- ❖ terrorism – Rick Diebold reported that there is a new addition this year of defining WMDs and terrorism in the plan. There are officially none in Nevada
- ❖ Extreme weather sections (temperature, drought, severe winter storm, hail & thunderstorms, etc.) remained separate but much of the supporting State Climatologist data was consolidated in an appendix. These are essentially complete. We still need someone at NOAA as a lead contact person (Rhett Milne at the Reno NOAA office has been suggested).
- ❖ Hazardous materials - we are still waiting for updated material from Rob Palmer.
- ❖ Avalanche –done & approved pending minor edits

Elizabeth asked the Subcommittee for input on goals and action items and objectives for mitigation strategy to broaden it to cover all funding opportunities for the three major hazards: flood, wildfire, and earthquake, and distributed a chart to help with feedback on these items. Rick asked for more inclusion of public education. Jon suggested sending the chart to Craig & Diane dePolo and Graham Kent at the Seismology Institute for input and responses by Friday 4/30/10.

Elizabeth and Jim requested Subcommittee input on reviewing and updating the State's pre- and post-disaster hazard management policies, programs, and capabilities to mitigate the hazards in the area.

Jon and Stacey both provided some written form feedback promised to provide more later. Glade suggested that Keith Forbes be contacted for USDA input and Jon suggested that the online Truckee Meadows Flood Control Project might provide some useful items to list as well. These need to be returned to Elizabeth by the end of the month. Subcommittee members were reminded that the NHMP draft must be completed by the next meeting.

Jon Price introduced discussion about a risk assessment website project that FEMA might be interested in funding. This would be a project that fosters a common Internet web presence for information on multiple hazards. We might want to look at what is being done in other states along these lines; Juliette Hayes – planning section of FEMA- mentioned that California has a web site where people can go to access information on all their hazards – look at it. Jon mentioned that ESRI (handles GIS for several state agencies) will support such a project at no cost. Our role as state agencies would be to provide all the hazard-related information that we can about floods, earthquakes, and wildfires (especially map-based data). Such a site would be available first to county and emergency planners and later publicly available – this could happen soon. It would have a Google-like search capability with ESRI technology to address finder function - done for earthquakes.

Chair, Jim Walker asked for public comment; there was none. Future meeting dates were discussed and will be as follows: Jul 26, 2010, Oct 25, 2010, January 24, 2011

Rick Diebold made a motion to adjourn, seconded by Stacey Giomi, and the meeting was adjourned.

Respectfully submitted, 10 June 2010

by Daphne D. LaPointe

Nevada Bureau of Mines & Geology

Agenda
Nevada Hazard Mitigation Planning Committee
PLANNING SUBCOMMITTEE
Monday, July 26 2010, 1:30 pm
Division of Emergency Management
Executive Conference Room

**2478 Fairview Drive
Carson City, NV 89701**

DIAL-IN INFORMATION:
DIAL-IN #: 1-888-273-3658
PASS CODE: 8743295

OOO. WELCOME AND INTRODUCTIONS- *Chair, Jim Walker*

PPP. (*)APPROVAL OF MINUTES (action): April 26, 2010

QQQ. UPDATE OF THE STATE HAZARD MITIGATION PLAN, *Chair, Jim Walker*

- a. Report to the Subcommittee regarding the FEMA Enhanced plan requirements and approval process.
- b. (*) Prioritization and approval of mitigation strategy action items
- c. Review and possible approval of the Sections and Appendices found in the updated version of the plan as follows:
 1. Section 0 –
 2. Section 1
 3. Section 2
 4. Section 3
 5. Section 4
 6. Section 5
 7. Section 6
 8. Section 7
 9. Section 8
 10. Section 9
 11. Appendices A through ???
 12. Crosswalk for standard plan
 13. Crosswalk for enhanced plan
- d. (*) Recommendation to full Committee to approve the 2010 version of the state hazard mitigation plan and submission to FEMA.

RRR. PUBLIC COMMENT PERIOD

- a. Please note the public is welcome to attend the meeting. Members of the public may bring matters not appearing on the meeting agenda to the attention of the Committee. However, the Committee may discuss the matter when it is brought up, but no action may be taken until it has been included on a future agenda as an action item.

SSS. ANNOUNCEMENT OF TENTATIVE FUTURE MEETINGS

Meetings are scheduled the last Monday of the first month in the calendar quarter at 1:30 pm.

- a. *Jul 26, 2010*
- b. *Oct 25, 2010*
- c. *January 24, 2011*

TTT. ADJOURN

The Committee may take action on items marked by an asterisk (). Items may be taken out of order presented on the agenda at the discretion of the chairperson.*

*This is a public meeting. In conformance with the Nevada Public Meeting law, I Elizabeth Ashby, posted or caused the posting of this agenda on or before Tuesday, **July 19, 2010**, 9:00 a.m. at the following locations:*

Nevada Division of Emergency Management (Carson City)

Nevada Bureau of Mines and Geology (Reno)

Clark County Department of Buildings Russell/Cameron Office, Las Vegas

And on the website for the Nevada Hazard Mitigation Planning Committee at <http://www.nbmng.unr.edu/nhmmpc/nhmmpc.htm>

For further information please contact Jonathan G. Price, State Geologist and Director, Nevada Bureau of Mines and Geology by email at jprice@unr.edu or telephone (775) 784-6691 extension 5.

We are pleased to make reasonable accommodations for members of the public who are disabled. If special arrangements are necessary, please notify the Committee at (775) 687-0314. Twenty-four hours advance notice is requested.

Add July 2010 NHMPC Subcommittee Minutes here