

Summary Minutes

Nevada Hazard Mitigation Planning Committee

22 February 2006

The Nevada Hazard Mitigation Planning Committee (NHMPC) met from 9:30 a.m. to 11:38 a.m. on Wednesday, 22 February 2006, at the Nevada Bureau of Mines and Geology in Reno. These minutes and related documents, including a list of members of the Board of Directors, charges and membership of subcommittees, and the Bylaws are posted on the Web site for the Committee (<http://www.nbmng.unr.edu/nhmpc/nhmpc.htm>).

Attendees included:

Elizabeth Ashby, Nevada Division of Emergency Management, who also held the proxy for Marge Gunn Nutman*, Lincoln County Office of Emergency Management

Glen Daily, City of Reno

Gary Dunn, City of Sparks, who also held the proxy for Ben Hutchins*, City of Sparks

Terri Garside, Nevada Bureau of Mines and Geology

Ron Lynn*, Building Official, Clark County Department of Development Services, Building Division

Gale Fraser*, Clark County Regional Flood Control District

Fernando Martinez, State of Nevada Public Works Board

Jon Price*, Nevada Bureau of Mines and Geology

Jim Reagan*, Sierra Pacific Power Company

Loretta Smith, Nevada Division of Emergency Management

*indicates member of the Board of Directors

A quorum of directors (the necessary 6) was present.

Board members unable to attend or send a proxy included:

Bob Ashworth*, Nevada Division of Forestry

Press Clewe* Washoe County Resident

Rick Diebold*, Las Vegas Fire Department

Kim Groenewold*, Division of Water Resources

Jim O'Brien*, Clark County Office of Emergency Management

Jeanne Ruefer*, Washoe County Department of Water Resources

Jon Price chaired the meeting. He thanked and welcomed attendees, who introduced themselves.

APPROVAL OF MINUTES

The minutes from the November 9, 2005 meeting were approved.

NEW BUSINESS

1. Proposal Review Subcommittee report and recommendations regarding prioritization and approval of three proposals of the Hazard Mitigation Grant Program for Disaster 1583.

Ron Lynn led the discussion of the three proposals received for possible funding under the HAZARD Mitigation Grant Program for Disaster 1583, the Southern Nevada Flood of January 2005. There is \$390,000 in available funding.

The proposals considered follow.

- **Seismic Repairs to the Stewart Building #12**

Fernando Martinez from the State of Nevada Public Works Board discussed their proposal to reinforce four buildings in the Stewart complex, Building #12 is an unreinforced masonry stone building. They propose to install a roof diaphragm that will transfer lateral loads, wood floor framing and ties, and possibly reinforcement to the walls or gunnite. They will be using the existing IEBC 2003 Code (International Existing Building Code). They are requesting that four buildings be retrofitted at a cost to FEMA of \$344,337 dollars with matching funds of \$114,779, for a total project cost of \$459,116. The estimated cost of replacing each building is \$9 million. They have not completed the benefit-cost analysis, but will begin it next week.

A Motion was made by Gale Fraiser to accept the proposal provided it not exceed the \$344,337 proposed and subject to the application's meeting FEMA's and DEM's requirements. The motion passed.

- **Lyon County Multi-Hazard Mitigation Plan**

Elizabeth Ashby presented the Lyon County Mitigation Plan Development proposal. Lyon County plans to prepare the Mitigation Plan in-house. The funds requested from FEMA are \$27,390 with a matching amount of \$9,130 for a total project cost of \$36,520.

A Motion was made to approve the Lyon County Mitigation Plan. Motion passed.

- **HAZUS Flood Scenario Proposal**

Jon Price presented the proposal submitted by Ron Hess of the Nevada Bureau of Mines and Geology (NBMG) to train the NBMG staff in the use and application of HAZUS-MH flood modeling software in order to produce a series of flood scenarios for selected Nevada communities that lie along river systems that have experienced flood events in the past. They are requesting \$19,565 from FEMA with matching funds of \$6,522 for a total project cost of \$26,087.

Gale Fraiser mentioned that the Clark County Flood Control District is in the process of updating the flood insurance maps for the Mesquite area of the Virgin River. A HAZUS-MH flood scenario for Mesquite would be a good test, given the 2005 flooding.

A Motion was made to approve the HAZUS Flood Runs. Motion passed.

2. Two proposals were presented for the Pre-Disaster Mitigation Competitive Grant Program 2006

- Sky Tavern Water Tank (this project is a resubmission because it was not approved during last year's proposal process)

Glen Daily with the City of Reno presented the project to replace the existing 23,000 gallon water tank with a 200,000 gallon water tank. The current water tank will not provide adequate water to sufficiently combat a potential fire. They are requesting \$185,166 from FEMA with matching funds of \$64,834 for a total project cost of \$250,000.

- **Update of the Nevada Multi-Hazard Mitigation Plan**

Elizabeth Ashby presented the proposal to update the Nevada State Mitigation Plan at a cost of \$56,466 with a match of \$18,941 for a total project of \$75,387.

The Motion was made to approve the Multi-Hazard Mitigation Plan project as a first priority and the Sky Tavern Water Tank project as second priority. Motion was passed.

3. Discussion and possible approval by the NHMPC of the Proposal Review Subcommittee's recommendations for submission to the Federal Emergency Management Agency

The Committee discussed the recommendations of the Proposal Subcommittee.

The Motion was made to accept the Subcommittee's recommendation to accept the three proposals of the Hazard Mitigation Grant Program for Disaster 1583. Motion was passed.

Motion was made to accept the Subcommittee's recommendation to accept the Pre-Disaster Mitigation Competitive Grant Program proposals. Motion was passed.

Elizabeth Ashby reported that the following agencies now have hazard mitigation plans that have been formally approved by FEMA:

State of Nevada

City of Reno

Washoe County

California-Nevada Washoe Tribe

Carson City

Lincoln County

Nye County

City of Sparks

Clark County's plan, which incorporates planning for the Cities of Las Vegas, North Las Vegas, Henderson, Boulder City, and Mesquite, is currently being reviewed by FEMA. Douglas County's plan is pending final submission to FEMA (DEM has reviewed and approved the plan). Elko County has the funding to begin their plans. Lyon County's request for funding their plan was just approved for submission to DEM by the NHMPC.

The Committee discussed a need for Storey County to prepare and submit their plan as quickly as possible. Jon Price quoted the estimated losses from an earthquake in the rural counties from the HAZUS Report (NBMG OFR 06-1, on the Nevada Bureau of Mines and Geology's Web site (www.nbmg.unr.edu)). It is critical that Storey County completes their plan as soon as possible since they are in the affected area by the December 31, 2005 flood.

UPDATE ON THE NORTHERN NEVADA NEW YEAR'S FLOOD, FEMA-1629-DR-NV

Elizabeth Ashby gave a brief overview of the December 31, 2005 flood disaster. Estimated damage to public infrastructure from the floods was 17 million over five counties.

At 7.5% of the total damage to public facilities, there could be approximately \$1.3 million in public assistance funds available for future mitigation funding from the post-disaster funding FEMA provides. The earliest the NHMPC can review proposals for these funds will be at the August NHMPC meeting. Any public entity in Nevada is eligible to apply for the funding, provided they have their Hazard Mitigation Plan approved.

ACTION ITEM: Elizabeth Ashby will send a reminder that applications for FEMA funds will be reviewed at the August NHMPC meeting for potential funding from the December 31, 2005 flood post-disaster funds (approximately \$1.3 million).

ACTION ITEM: Elizabeth Ashby will send a training calendar of upcoming classes to the NHMPC Board members, and Terri Garside will forward it on to all members of the NHMPC.

ACTION ITEM: Terri Garside will send out an email to be included with the meeting minutes, stating there could be \$1.3 million in post-disaster funds for future mitigation projects.

ACTION ITEM: Elizabeth Ashby and Jon Price will prepare a flier on prior projects that have received funding and the processes involved in applying for funding.

Jon Price mentioned that the University of Nevada had considered submitting a proposal to seismically retrofit a couple of the buildings on campus. They could not make the benefit-cost analysis of the project meet FEMA's requirement.

PUBLIC COMMENT PERIOD

No comments were made from the public.

Elizabeth Ashby reported that the Division of Emergency Management established a Web site, funded from funds from the 5% initiative from the Waterfall fire. The Web site will provide information to the public, but geared more toward the homeowner, on how to prepare for natural disasters. Elizabeth is requesting appropriate links to make the Web site more beneficial. Gale Fraser suggested some of the links on the Clark County Regional Flood Control District's site regarding flood issues be added to the State's new site. It was suggested that the site be prioritized by the four most common disasters in Nevada; floods, fires, droughts, and earthquakes. The consultants hired to develop the site were paid \$36,000 to design the Web site and prepare public service access announcements promoting the site.

Jon Price mentioned that DEM is working on securing funding for the NHMPC. The NHMPC is scheduled to will meet immediately following the Nevada Earthquake Safety Council meetings. Although the main NHMPC Committee was dormant for much of this past year, the Proposal Review Subcommittee was active. Jon suggested that at the May 10th NHMPC meeting, the charges to the Subcommittees be reviewed, and that new and revised subcommittees be considered.

A question arose as to whether there was funding available for projects the NHMPC would like to pursue such as educational brochures or other public outreach projects. Jon Price explained the process the Nevada Earthquake Safety Council follows to propose projects to DEM for potential year-end funding. Elizabeth Ashby indicated that DEM would consider such projects and could use the 5% of post-disaster mitigation funding that is available for special projects for this purpose.

ACTION ITEM: The May 10th NHMPC agenda will have an item to discuss the process for applying for potential DEM year-end funding.

ACTION ITEM: An item will be added to the agenda for the August 9th meeting for review of proposals received for potential post-disaster funding from the December 31, 2005 flood.

Elizabeth Ashby recommended that the NHMPC Committee might like to reserve some of the 5% initiative funds to be used for public information projects (approximately \$50,000 anticipated from the December 31, 2005 flood). The Committee agreed that that would be very beneficial to getting information out to the public on hazards affecting Nevada.

ANNOUNCEMENTS OF FUTURE MEETINGS

- a. Wednesday, May 10, 2006 - after the Nevada Earthquake Safety Council meeting (Reno)
- b. Wednesday, August 2, 2006 - after the Nevada Earthquake Safety Council meeting (Las Vegas)
- c. Wednesday, November 8, 2006 - after the Nevada Earthquake Safety Council meeting (Reno)

ADJOURN

The meeting adjourned at approximately at 11:38 a.m.

Review of Action Items

ACTION ITEM Elizabeth Ashby will to send a reminder that applications will be reviewed at the August NHMPC meeting for potential funding from the New Year's flood post-disaster funds (approximately \$1.3 million).

ACTION ITEM: Elizabeth Ashby will send a training calendar of upcoming classes to the NHMPC Board members and Terri Garside will forward it on to all members of the NHMPC.

ACTION ITEM: Terri Garside will send out an email to be included with the meeting minutes, stating there could be 1.3 million dollars in post-disaster funds for future mitigation projects.

ACTION ITEM: Elizabeth Ashby and Jon Price will prepare a flier on prior projects that have received funding and the processes involved in applying for funding.

ACTION ITEM: The May 10th NHMPC agenda will have an item to discuss the process for applying for potential DEM year-end funding.

ACTION ITEM: An item will be added to the agenda for the August 9th meeting for review of proposals received for potential post-disaster funding from the December 31, 2005 flood.

Respectfully submitted by Terri Garside, 28February2006

c/o Nevada Bureau of Mines and Geology, UNR/MS 178, Reno, Nevada 89557-0088

tgarside@unr.edu, 775-784-6691 extension 126