



METRO

Agenda

MEETING: METRO COUNCIL WORK SESSION
DATE: October 21, 2008
DAY: Tuesday
TIME: 2:00 PM
PLACE: Metro Council Chamber

CALL TO ORDER AND ROLL CALL

- | | | | |
|----------------|-----------|---|-----------|
| 2:00 PM | 1. | DISCUSSION OF AGENDA FOR COUNCIL REGULAR MEETING, OCTOBER 23, 2008/ADMINISTRATIVE/CHIEF OPERATING OFFICER COMMUNICATIONS | |
| 2:15 PM | 2. | REGIONAL EMERGENCY DISASTER PREPARATION AND RECOVERY | Uba/Merlo |
| 3:00 PM | 3. | BREAK | |
| 3:05 PM | 4. | URBAN AND RURAL RESERVES UPDATE | Williams |
| 4:05 PM | 5. | COUNCILOR COMMUNICATIONS | |

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Agenda Item Number 2.0

**REGIONAL EMERGENCY DISASTER
PREPARATION AND RECOVERY**

Metro Council Work Session
Tuesday, October 21, 2008
Metro Council Chamber

**Regional Emergency Preparedness and Recovery Actions
Update to the Metro Council
October 21, 2008**

PRESENTERS

Metro Staff

Gerry Uba
Staff liaison to the Regional Emergency
Management Group (REMG)

Scott Klag
Project manager for Disaster Debris
Management Plan

Bill Jemison
Risk Manager

City of Portland

Carmen Merlo
Director
Office of Emergency Management

Introduction

Metro Council President, David Bragdon requested that “Gerry Uba and Scott Klag of our agency and Carmen Merlo of the City of Portland meet with the Council at some point to discuss Metro's role in emergency preparation and recovery.”

Metro’s role in regional emergency management has changed over the years. Although Metro plays a significant role in many regional issues, emergency management is not a core competency.

This presentation is in two parts. In the first part, we will explain Metro’s past role, specifically the agency’s involvement in the work of the Regional Emergency Management Group (REMG). In the second part, we will focus on new and possible future roles since the creation of the Urban Area Security Initiative (UASI) for the Portland metropolitan area and other UASI’s across the country.

Past Role

Regional Disaster Preparedness Collaboration

1. Production of earthquake hazard information and data
 - a) Collaboration of Metro and Oregon Department of Geology and Mineral Industries (DOGAMI) to write and submit federal grant proposals to Congress and the Federal Emergency management Agency, and produce earthquake hazard data and maps (1993 – 1997)
 - b) Significance of the 1993 spring earthquake

- c) Significance of the FEMA's choice of the Metro region and its earthquake data (geologic and buildings) for a pilot project that developed the national natural hazard loss estimation methodology using a software called HAZUS
 - d) Significance of the involvement of the Federal Emergency Management Agency, US Geological Survey, and National Institute of Building Sciences in the pilot project, and assisting to define how the information and data can be used for disaster preparedness
 - e) Significance of numerous publications about earthquake loss estimates, vital systems and key facilities, and hazard mitigation planning and policy.
 - f) Metro Data Resource Center (DRC) is the custodian of the regional earthquake and landslide data and maps
2. Formation of the Regional Emergency Management Group (REMG)
 - a) Intergovernmental agreement (IGA) signed after endorsement of the REMG workplan by members. (Metro endorsed the REMG workplan and signed the IGA on November 23, 1993 by action of the Resolution 93-1856).
 - b) REMG work programs include, disaster debris,
 3. Metro key roles in the REMG work program
 - a) Emergency Transportation Routes (ETR) map (focused only on routes in the UGB/Tri-County area)
 - b) Regional Disaster Debris Management
 - Policy plan developed and incorporated into Regional Solid Waste Management Plan
 - Policy plan called for development of operational plans. Metro contracted for development of key components of an operational plan. Funding for additional elements of the plan from UASI.
 - Policy and operations plan development is coordinated through an emergency management and solid waste stakeholders group

After 9/11/01

1. Metro Executive Officer, Mike Burton, and REMG chair, Mayor Rob Drake of Beaverton, initiated a REMG federal grant proposal with the help of US Representative Blumenauer, and in 2001 and 2003, unsolicited grant proposals for \$20m and \$23m were submitted to Congress and the US Homeland Security Department for Anti-Terrorism Preparedness. The grant requests were not approved.
2. REMG IGA was revised and resigned (Metro signed the revised IGA on October 2, 2003 by action of the Resolution 03-3352). (City of Portland re-signed in August '06)

New / Future Role

Urban Area Security Initiative (UASI) for metropolitan areas

1. In 2003, the US Department of Homeland Security (DHS) created Urban Area Security Initiative (UASI) Grant Program to support the planning, equipment, training, and exercise needs of high-threat, high-density Urban Areas, and assist them in building an enhanced and sustainable capacity to prevent, protect against, respond to, and recover from acts of terrorism. Eligible candidates have been determined through an analysis of relative risk of terrorism. For 2008 the eligible candidates have been grouped into two tiers according to

relative risk. Tier I includes the seven highest risk areas (Los Angeles, Jersey City/Newark, Bay Area, New York City, National Capital Region, Houston, and Chicago) and will be allocated 55 percent of the total UASI funding available; Tier II includes the other 53 candidate areas and will be allocated the remaining 45 percent of the total available UASI funding.

2. Since 2003, the Portland Urban Area has received UASI grant funds totaling approximately \$47.7 million

Portland Metropolitan Area UASI Organization

The UASI organization is made up of a Points of Contact (POC) group – which is the emergency managers for the six primary jurisdictions: the city of Portland and the Counties of Multnomah, Clackamas, Washington, and Columbia in Oregon and Clark County in Washington. Reporting to the POC is the Urban Area Working Group (UAWG) which is comprised of the Chairs of 11 discipline specific working groups (Fire, Law Enforcement, Emergency Management, Public Works, Communications, Public Health, Public Information, Cyber Security, Citizen Corps, Transit, and Port)

UASI Work Programs and Milestones

1. Water Interconnectivity Study – The Regional Water Providers' Consortium implements the Regional Water Supply Plan as the strategy for maintaining the region's drinking water. Local water systems do not have adequate connections with neighboring water providers to ensure reliable supplies should their sources become compromised. FY 2007 funds secured a portable water distribution system should the fixed water systems be damaged. This investment will complement the portable distribution system by evaluating fixed connections and identifying and prioritizing system vulnerabilities to support the restoration of lifelines target capabilities.
2. Evacuation Annex Update -- Portland has contracted with CH2M Hill to assist in the continued development and validation of the city's evacuation annex to the basic emergency operations plan. Scope of work includes further evaluation of regional transportation routes to: assess which additional alternate routes could be used for normal vehicular travel evacuation and the impediments to their use, provide an inventory of assets and information for the evacuation routes and develop a tool box of techniques to use in emergency evacuations. Additionally, CH2M Hill will assess Portland Parks Bureau capacity and identify the top 8 needs for sites during an evacuation / emergency (things like medical care points, reunification sites, employee check in sites, shelters, etc.) and begin compiling information / specifications that are needed to support each type of site usage.
3. Regional Cooperation model -- CH2M Hill has been hired to help UASI assess how we approach and pursue disaster preparedness regionally and to make recommendations for enhancing that process. The goal of the project is to assure that disaster preparedness efforts within the urban area are efficiently coordinated and effectively integrated so that urban area jurisdictions are better prepared to respond individually and jointly to emergencies of all sizes and types in an organized, expedient, and productive manner. The project will include:
 - Assessing the current urban area preparedness environment (preparedness agencies, organizations, and cooperative efforts);

- Considering local governmental and political culture and related factors;
- Researching and evaluating systems and models¹ for coordinating regional preparedness efforts that have been implemented in other communities; and
- Proposing alternative and preferred options for evolving current preparedness efforts into a more cohesive, integrated, and efficient process or organization.

Metro's Participation in UASI Work Programs:

1. Emergency Transportation Plan -- Metro assisted to expand the Emergency Transportation Plan to include five counties (Clackamas, Columbia, Multnomah and Washington in Oregon and Clark in Washington). [REMG members and Oregon Department of Transportation and Washington Department of Transportation signed Memorandum of Understanding (MOU)]
2. Disaster Debris Management Plan -- Metro is working with City of Portland - the UASI funding recipient – on continuing development of operational elements of the Disaster Debris Management Plan.
3. TOPOFF 4 -- Metro participated in the 2007 TOPOFF on October 16, 2007. Oregon Convention Center, Oregon Zoo and Metro Regional Center were the primary participants. The scenario and drill highlighted a variety of significant and minor issues in Metro/MERC emergency response and business continuity planning.

Significant issues:

- a. A simulated power outage severely limited use of all MRC communications except cell phones. OCC and the Oregon Zoo had back up generator power available.
- b. The MRC power outage limited availability to television, radio and internet news as well as computers, internet and email. Additionally, MRC staff worked with battery powered lights.
- c. Metro and MERC have no comprehensive continuity plan.

A generator at MRC does not appear cost effective. Rather, Metro Information Services is investigating the potential to co-locate network services from OCC.

Less significant issues included:

- a. Improvements to the Metro Emergency Operations Plan addressing activation of plan.
- b. Increasing number of alternates assigned to positions.
- c. Utility of employee internet accessible phones.
- d. Need for battery powered radios and other supplies.
- e. Number (or location) of staff involved in emergency response.
- f. Employee communication procedures.
- g. Building security issues.

The 2008 update to the Emergency Operations Plan will incorporate changes to address a number of the less significant issue and significant organizational changes arising from the SMI.

¹ Metro Council President was interviewed recently by CH2M Hill about existing organizational efforts and relationships in the Portland urban area to support development of an appropriate regional disaster preparedness model. Most of the questions focused on Metro's experience in regional collaboration, including intergovernmental relationship and interagency relationship.

Other Activities:

1. ***US Government Accountability Office (GOA) Interview:*** On September 11, 2008, two staff from the US Government Accountability Office interviewed some UASI and REMG members, and Metro staff. The interview was to follow up on recommendations from the 9/11 Commission Act, including an evaluation of DHS' risk assessment, whether Urban Areas were adopting the MSA boundaries, and whether agencies involved in national level exercises were integrating lessons learned back into the program. Metro staff responded only to questions related to regional cooperation in disaster preparedness, and measurement of regional capability-building and performance.
2. ***Metro representation on the REMG policy group:*** The annual (combined) meeting of the REMG policy group and technical group (Regional Emergency Management Technical Committee – REMTEC) will be held on Friday, October 24, 2008, in Vancouver, WA. Metro's representation on the policy group has not been determined.

Questions for Metro Council

1. Should Metro staff continue the current level of involvement, reduce this level of involvement or increase this level of involvement in any area of regional emergency management?
2. Who will represent Metro on the policy group at the REMG meeting this Friday, October 24, 2008?