



ASHSC Alaska Seismic Hazards
Safety Commission

February 11, 2008

Membership

- | Public Representatives
 - » Dr. John L. Aho, Chairman
 - » Dr. Gary A. Carver
 - » David Cole, P.E.
- | University of Alaska Representative
 - » Dr. Roger Hansen, State Seismologist
- | Federal Agency Representative
 - » Laura Kelly, P.E., Vice-chairman

Membership (Continued)

- | DNR Representative
 - » Rod Combellick
- | DMVA Representative
 - » Mark Roberts
- | Insurance Industry Representative
 - » Dean Maxwell

Membership (Continued)

- | Local Government Representatives
 - » Linda Freed, Kodiak City Manager
 - » Bob Hicks
 - » Kathy Hosford
- | DNR Support
 - » April Woolery
 - » Vickie Butherus

ASHSC Powers & Duties

1. **Recommend seismic risk mitigation goals & priorities**
2. Recommend needed research, mapping, and monitoring programs
3. Offer advice on coordinating disaster preparedness
4. Review practices for recovery & reconstruction

ASHSC Powers & Duties

(CONTINUED)

5. Recommend improvements to mitigate losses from future events
6. Gather, analyze, & disseminate information
7. Establish working relationships with public and private agencies
8. Review warnings & suggest appropriate responses

ASHSC Powers & Duties

(CONTINUED)

9. Review proposed seismic notifications
10. Recommend issuance of notifications
11. Give appropriate response advice

ASHSC Accomplishments

- | Developed & Posted Commission Web Site
- | Twenty Two Briefings
- | Annual Reports
- | Developed Commission Charter
- | Developed Rules of Procedure
- | Established Standing Committees
- | White Papers on Schools, Insurance,
& Outreach

ASHSC Standing Committees

- | Insurance
- | Schools
- | Earthquake Scenario
- | Education and Outreach
- | Hazards Identification
- | Response, Recovery, & Loss Estimation
- | Post Earthquake Planning
- | Partnership

Schools Committee

(continued)

I TASK 1: INFORMATION GATHERING

- » Identify previously seismic studies/surveys
- » Identify previous legislation affecting design and construction
- » Identify current plan review and inspection procedures
- » Identify building code provisions relating to schools
- » Identify at-risk facilities
- » Identify and interview stakeholders
- » Develop recommendations and conclusions

Schools Committee

- | TASK 1: INFORMATION GATHERING
- | TASK 2: INVENTORY METHODOLOGY
- | TASK 3: RECOMMENDED NEXT STEPS
- | TASK 4: IMPLEMENTATION STRATEGIES & POLICIES
- | TASK 5: DEVELOP DRAFT LEGISLATION (W/ FUNDING)
- | TASK 6: FOSTER RELATIONSHIPS WITH OTHERS

Earthquake Scenario Committee

I Planning Scenario

- » A collaborative process resulting in a document that describes in detail a credible earthquake event, its physical effects, likely impacts on people and infrastructure, and estimated losses. A planning scenario will provide the information necessary to prevent casualties, reduce property losses, and efficiently respond to earthquake emergencies

Earthquake Scenario Committee (continued)

- | Tells Story of defined earthquake & its impact
- | Helps decision makers visualize specific impacts
- | Improves awareness of what earthquakes can do
- | Gives clear reasons for businesses and policy makers to act

Earthquake Scenario Committee (continued)

- Scenario Elements:
 1. Description of the earthquake source event
 2. Description of the probable seismic, geologic, and induced effects
 3. Description of engineering effects
 4. Loss estimations
 5. Recommendations for mitigation and preparedness

Earthquake Scenario Committee (continued)

- | Look at vulnerabilities
- | Improve resilience
- | Ensure that disaster does not become a catastrophe
- | Integrate with State exercise in 2010

Education & Outreach Committee

- | Periodic press releases
- | Periodic newsletters to legislators and the governor
- | Regularized review and updating of ASHSC website, and promotion of it.
- | Directory of expert speakers
- | Media education package

Insurance Committee

- | White paper currently describes state of earthquake insurance in Alaska
- | Considering one day seminar in May
- | Gathering of interested shareholders
- | Seek solutions to current delima

Questions?

