

POST EARTHQUAKE PLANNING

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I. Event response categories

A - Large earthquake ($M > 6$) or major damage in high population or critical infrastructure area.

B - Large earthquake ($M > 6$) and major damage in low population or critical infrastructure area.

C - Minor damage in high population and/or critical infrastructure area.

D - Minor damage in low population and/or non critical infrastructure area.

E - Very large ($M > 7$) non-damaging earthquake.

F - Large or damaging tsunami.

II. Immediately After the Event (First hours)

A. Notification of Commission members

1. First commissioner to learn of an earthquake or tsunami that may be a Category A, B, C, D, or F event contacts the Commission Chair or Vice-Chair by phone.
2. After an initial assessment the Chair or Vice-Chair, if warranted, alerts the rest of the Commission by email.

B. Initial Information Collection - all commissioners get initial event profile from the internet.

1. Earthquake vital statistics (location, magnitude)

AEIC - http://www.aeic.alaska.edu/Seis/recenteq_rec/index.html
http://www.aeic.alaska.edu/Seis/recenteq_sub/index.html

USGS - <http://earthquake.usgs.gov/eqcenter>

2. Intensity distribution

ShakeMaps - <http://earthquake.usgs.gov/shakemap>

AEIC – <http://www.aeic.alaska.edu/~shake/shake/>

3. Population exposure

PAGER (Prompt Assessment of Global Earthquakes for Response) <http://earthquake.usgs.gov/pager/>

4. Tsunamis - West Coast and Alaska Tsunami Warning

Center - <http://wcatwc.arh.noaa.gov/>

5. Alaska Div. of Homeland Security & Emergency

Management – <http://www.ak-prepared.com>

III. Initial Response (first day(s) after event)

A. Commission internal coordination protocol

1. Event category A, B, C, F - Teleconference initiated by Chair to discuss event and define Commission response.
2. Event category D, E - Email communication among commissioners as needed and/or teleconference initiated by Chair if warranted.

B. Site visit - field survey if warranted.

1. Who?
2. Funding?
3. Objective?

C. Initial reporting to DNR, Legislature, Governors Office

IV. Intermediate Term (weeks after event)

A. Event categories A,B,C, and F

1. Data collection as determined by the Chair and
Post-earthquake Planning Committee

B. Event categories D and E

1. No further action

V. Long Term (weeks to months after the event)

A. Event categories A,B,C, and F

1. Final event report to DNR, Legislature,
Governors Office

2. Draft legislation

B. Event categories D and E

1. No further action

VI. Public/press/media information releases, interviews, etc.

- A. All public, press and media statements from the commission will go through the Chair, or if the Chair is unavailable, through the Vice Chair. Copies to DNR Commissioner and Governor's office.
- B. Interviews of commissioners by the media will be approved in advance by the Chair, or if the Chair is not available, by the Vice Chair.

VII. Other Considerations

- A. Public Safety Passes for Commissioners?
- B. Funding for post event activities?
- C. Coordination with other engineering/science/
government responders.
- D. Dissemination of information & reports; Public forums
- E. Commission coordination with emergency responders
(through NIMS?)

VIII. Pre-event Preparations and Planning

A. What to have on the shelf in terms of:

1. Draft legislation

- a. Required peer review & full-time construction inspection of schools
- b. Ditto for other critical facilities
- c. Geotechnical site inspections for above

2. Model local ordinances

3. Public information

B. Essential contacts list

C. Champion membership of Alaskans on EERI earthquake response teams

D. Other ?