

MEMORANDUM

To: Executive Facility Officers
Chiefs of Police

From: Elvyra F. San Juan 
Assistant Vice Chancellor
Capital Planning, Design and Construction

Charlene Minnick 
Chief Risk Officer
CSU Risk Management Authority

Date: January 26, 2011

Re: **January 2011 Seismic Review Board Emergency Response Protocol**

This memo provides updated information on our seismic emergency response protocol. Please share this information with campus emergency preparedness teams and review your campus Emergency Preparedness Plans to ensure that this information is included.

The CSU Seismic Requirements define a framework of management actions necessary to implement the trustees Seismic Policy. The stated goal of this policy is to build and maintain facilities *'that provide an acceptable level of earthquake safety for students, employees, and the public'*. The CSU Seismic Requirements were originally adopted in 2000 and are periodically updated. The current policy edition is available online at:
http://www.calstate.edu/cpdc/ae/review/seismic_peer.shtml

The Seismic Requirements establish a Seismic Review Board. This board is comprised of seven, independent engineers (six structural, and one geotechnical) who advise us on seismic-related issues and evaluate seismic performance for new and existing CSU facilities. These six structural engineers are assigned specific campuses and have developed a knowledgebase about each campus, including site-specific soils issues and fault proximity.

Article 6 of the CSU Seismic Requirements describes **the emergency seismic response protocol to be used in the case of a significant seismic event**. In such an event the Chair of the Seismic Review Board, currently Dr. Charles Thiel, is empowered to act, under the authority of the CSU Chief Building Official, as a Designated Building Official for the purposes of structural safety determinations for campus facilities. When an earthquake occurs, the Chair will contact the campus Executive Facility Officer for an initial damage assessment. If significant damage is reported or if there are other reasons to believe damage may have occurred, such as public information, the Chair will travel to the campus as soon as practical. In the event the Chair is unable to reach the campus, the Co-Chair, currently Dr. Theodore Zsutty, or another Seismic Review Board member may perform duties of the Designated Building Official.

Upon arrival at campus the Designated Building Official will confer with the Campus Deputy Building Official to provide an update to any initial structural safety evaluations made up to that time. Depending upon the severity of the event and based on such evaluations each campus building will be reviewed and posted as follows:

1. Lawful Occupancy Permitted (Green)
2. Restricted Use (Yellow), with the limitations on entry explicitly stated on the placard, or
3. Unsafe (Red)

Where 'Restricted Use' or 'Unsafe' postings are made the campus police shall restrict occupancy and entry to emergency response personnel and individuals specifically authorized by a CSU building official. This is to limit the risk to occupants until the risk is to be determined sufficiently reduced to allow placement of an 'Occupancy Permitted' placard.

Campus staff or administrators cannot overrule posted designations of 'Restricted Use' or 'Unsafe' established by the Designated Building Official or the CSU Chief Building Official. Determinations by the Designated Building Official or the CSU Chief Building Official take precedence over Campus Deputy Building Official determinations.

In addition to the Designated Building Official, the Seismic Peer Reviewer assigned to the campus can be expected to visit and work with the Designated Building Official in evaluating the condition of campus facilities. The Designated Building Official will work with other emergency response members, such as Environmental Health and Safety, but the Designated Building Official review will be limited to the structural life safety condition of facilities.

CSU Seismic Review Board and CSU Building Official contact information is provided as an attachment to inform campuses of the persons authorized to make determinations in a significant seismic event and to enable campus personnel to contact them for an emergency response. These listings are periodically updated. Current listings are always available online at: <http://www.calstate.edu/CPDC/ae/review/>

Thomas Kennedy, Chief of Architecture and Engineering and the CSU Chief Building Official, is the contact for additional questions regarding the Seismic Policy and our seismic emergency response protocol. Mr. Kennedy can be reached at (562) 951-4129, tkennedy@calstate.edu.

Attachments: 3

c: Risk Managers
Seismic Review Board
Campus Deputy Building Officials
Benjamin F. Quillian, Executive Vice Chancellor/CFO, Chancellor's Office
Thomas Kennedy, Chief Architecture and Engineering, Chancellor's Office
Warren Jacobs, University Architect, Chancellor's Office
Nate Johnson, Chief Law Enforcement Officer, Chancellor's Office

CSU ASSIGNED PEER REVIEWERS

The following peer reviewers are assigned for the respective campuses and associated locations. All peer reviews for the indicated campuses or their off-campus locations are to be performed by the named individuals or their designees. For other locations the Seismic Review Board will assign the Peer Reviewer.

CAMPUS	PRINCIPAL PEER REVIEWER
Bakersfield	Gregg Brandow
California Maritime Academy	Charles Thiel
Chancellor's Office	John A. Martin, Jr.
Channel Islands	John A. Martin, Jr.
Chico	Richard Niewiarowski
Contra Costa	Richard Niewiarowski
Dominguez Hills	Thomas Sabol
Fresno	Charles Thiel
Fullerton	John A. Martin, Jr.
East Bay	Richard Niewiarowski
Humboldt	Charles Thiel
Humboldt-Trinidad	Charles Thiel
Long Beach	Gregg Brandow
Los Angeles	Gregg Brandow
Monterey Bay-East Campus	Theodore C. Zsutty
Monterey Bay-West Campus	Theodore C. Zsutty
Moss Landing Marine Laboratory-San Jose	Theodore C. Zsutty
Northridge	Thomas Sabol
Pomona	John A. Martin
Sacramento	Theodore C. Zsutty
San Bernardino	John A. Martin
San Diego	Gregg Brandow
San Diego-Calexico	Gregg Brandow
San Francisco	Charles Thiel
San Francisco-Tiburon	Charles Thiel
San Jose	Theodore C. Zsutty
San Jose-South Campus	Theodore C. Zsutty
San Luis Obispo	Thomas Sabol
San Marcos	Thomas Sabol
Sonoma	Richard Niewiarowski
Sonoma-Los Guilicos	Richard Niewiarowski
Stanislaus	Richard Niewiarowski
Stanislaus-Stockton MCRS	Richard Niewiarowski

In addition, for investigations that are undertaken specifically to investigate the occurrence of geologic and geotechnical seismic hazards (e.g., faulting, liquefaction, landsliding), John Egan shall be the peer reviewer for all locations within the CSU system.

CSU SEISMIC REVIEW BOARD DIRECTORY

CAMPUS	MEMBER	PHONE NO.	FAX NO.	EMAIL ADDRESS
FR, HU, MA, SF	Charles Thiel, Jr., Ph.D. (Chairman) Telesis Engineers 480 Arlington Avenue Berkeley, CA 94707	(W) (510) 528-8262 (H) (510) 652-8785 (C) (510) 206-8785	(510) 528-8293	teiceng@aol.com
BA, LA, LB, SD	Gregg Brandow, Ph.D., S.E. Brandow and Johnston 444 So. Flower Street Los Angeles, CA 90071	(213) 596-4500	(213) 596-4599	gbrandow@bjase.com
Geotech	John Egan AMEC Geomatrix 2101 Webster Street, 12 th Floor Oakland, CA 94612 Diane Williams-Acctg (510) 663-6360	(510) 663-4100 (510) 663-4292 (Dir)	(510) 663-4141 (510) 663-6360	John.Egan@amec.com
CO, CI, FU, PO, SB,	John A. (Trailer) Martin, Jr., S.E. John A. Martin and Associates, Inc. 950 S. Grand Avenue, 4 th Floor Los Angeles, CA 90015 Patti Kirton Barry Schindler	(213) 483-6490	(213) 483-3084	trailer@johnmartin.com pkirton@johnmartin.com barry@johnmartin.com
MB, SA, SJ, Moss	Theodore C. Zsutty, Ph.D., S.E. (Co-Chair) 1579 Peregrino Way San Jose, CA 95125	(408) 265-8518 (office) (408) 667-1695 (cell)	(408) 265-8518	tzsutty@hotmail.com
CH, EB, SO, ST	Richard Niewiarowski, S.E. 1946 Whitecliff Court Walnut Creek, CA 94596	(925) 937-0417 (925) 817-8082 (cell)		rwniew@yahoo.com
DH, NO, SLO, SM	Thomas Sabol, Ph.D., S.E. Englekirk and Sabol Consulting Structural Engineers 2116 Arlington Avenue Los Angeles, CA 90018	(323) 733-2640	(323) 733-8682	tom.sabol@englekirk.com

CSU BUILDING OFFICIALS

CSU CHIEF BUILDING OFFICIAL ALL CAMPUSES			
Thomas Kennedy	(562) 951-4129 (office)	(562) 233-9901 (cell)	tkennedy@calstate.edu

CSU DESIGNATED BUILDING OFFICIALS ALL CAMPUSES			
Charles Thiel	(510) 528-8262 (office)	(510) 206-8785 (cell)	teleeng@aol.com
Theodore Zsutty	(408) 265-8518 (office)	(408) 667-1695 (cell)	tzsutty@hotmail.com

CAMPUS	DEPUTY BUILDING OFFICIAL	OFFICE PHONE	CELL PHONE	EMAIL
BA	Patrick Jacobs	(661) 654-2483	(661) 865-8807	pjacobs@csub.edu
CI	John Gormley	(805) 437-3241	(805) 402-4640	John.gormley@csuci.edu
CH	Warren Jacobs	(562) 931-4131	((562) 477-8939	wjacobs@calstate.edu
DH	Randy Sharp	(310) 243-2163	(310) 877-0658	rsharp@cshdh.edu
EB	Gary Banks	(510) 885-4525	(510) 772-9269	Gary.banks@csueastbay.edu
FR	Gary Wilson	(559)-278-2424	(559) 906-5017	Gary_wilson@csufresno.edu
FUL	Jay Bond	(657) 278-2122	(714) 337-7008	jbond@fullerton.edu
HU	Mark Baker	(707)-826-3646	(707) 845-4481	Mab7001@humboldt.edu
LB	John Wesley Killen	(562) 985-2275	(562) 577-0456	jillen@csulb.edu
LA	Roger Christman	(323) 343-5780	(626) 974-8395	rchristman@cslanet.calstatela.edu
MA	Warren Jacobs	(562) 951-4131	(562)-477-8939	wjacobs@calstate.edu
MB	Kathleen Ventimiglia	(831-582-4304	(831) 402-0541	kventimiglia@csumb.edu
NO	Colin Donahue	(818) 677-2561	(818) 535-9579	Colin.donahue@csun.edu
PO	Michael Sylvester	(909) 869-3023	(951) 453-7799	mjsylvester@pcsupomona.edu
SA	Mario Ruiz	(916) 278-6181	(916) 240-8985	ruizm@csus.edu
SB	Hamid U. Azhand	(909) 537-5136	(909) 553-0436	hazhand@csusb.edu
SD	Robert Schulz	(619) 594-5901	(619) 219-9778	rschulz@mail.sdsu.edu
SF	Simon Y. Lam	(415) 338-2541	(415) 515-2293	slam@sfsu.edu
SJ	William Shum	(408) 924-1925	(909) 363-6197	William.shum@sjsu.edu
SLO	Robert Kitamura	(805) 756-7102	(805) 748-4384	rkitamur@calpoly.edu
SM	Gary Cinnamon	(760) 750-4653	(760) 801-4734	cinnamon@csusm.edu
SO	Christopher Dinno	(707) 664-2870	(707) 217-1938	Christopher.dinno@sonoma.edu
ST	Robert A. Gallegos	(209) 667-3623	(209) 403-4400	rgallegos@csustan.edu