

# Recent NIST Program Changes



---

national **earthquake** hazards reduction program

# NIST

## Background (repeat of slide from 23 October):

- FY 2006: First year for NIST funding for Secretariat, to support Lead Agency functions.
- FY 2007: First year of renewed funding for earthquake research at NIST, following numerous years in which resources were insufficient to support earthquake research. Under FY 2007 continuing resolution, funds were provided at mid-FY.
- FY 2008: Should mark significant research budget increase, if President's requested budget increase to support the American Competitiveness Initiative is supported by Congress. Appropriations bills in both Houses of Congress support funding levels consistent with President's request. But, agencies are now under a continuing resolution at 1Q FY 2007 levels through mid-Nov.



# NIST

## Discontinued Activities:

- FY 2006 Program Change: Discontinued \$750K of supported non-earthquake building and fire research, to establish Lead Agency Secretariat.

## Revamped Activities: None



# NIST

## New Activities:

- FY 2007 Research Activities:
  - Initial infusion of research funds (\$800K) through American Competitiveness Initiative (ACI).
  - Established 5-yr, \$30M umbrella IDIQ research support contract with ATC-CUREE joint venture (includes three earthquake engineering research centers).
  - Awarded 4 task orders to ATC-CUREE covering:
    - Evaluation of ATC-63 structural performance factor quantification procedures using three special and three ordinary lateral force-resisting systems;
    - Development of research-based seismic design guidelines for ports and harbors, based on NEES Grand Challenge research; and,
    - Generation of *TechBriefs* on special moment frame design details.



# NIST

## New Activities (Continued):

- FY 2007 Research Activities (Continued):
  - Initiated database development for NSF-supported research project reports, for future research use.
  - Issued recruiting announcements for new in-house research staff at both junior and senior levels.
  - Formulated initial plans for significant FY 2008 program growth stemming from anticipated new ACI funding (pending in Congress).



# NIST

## New Activities (Continued):

- FY 2007 Secretariat activities:
  - Conducted three ICC meetings, first ACEHR meeting.
  - Developed and released first (new) annual report.
  - Achieved initial progress drafting strategic plan framework, including vision, mission, principles, goals, and objectives.
  - Developed budget coordination process - **unified NEHRP planning with coordinated budget requests.**
  - Revamped NEHRP web site and started monthly electronic newsletter.



# NIST

## New Activities (Continued):

- FY 2007 Secretariat activities (continued):
  - Planned or supported several key interagency workshops:
    - Supported Sep 2007 interagency workshop on research and implementation issues related to existing buildings.
    - Provided support for FY 2008 workshop on earthquake scenario conduct.
    - Provided support for FY 2008 workshop on PBSE.
  - Briefed House Science & Technology Committee staff twice and Senate Appropriations Committee staff once, in partnership with other NEHRP agencies, on progress in meeting 2004 reauthorization requirements



# NIST

## New Activities (Continued):

- FY 2007 Secretariat activities (continued):
  - Performed outreach presentations to key NEHRP stakeholder groups, including CUSEC, WSSPC, FEMA state earthquake program coordinators, GSA blast and seismic specialists, NEES, USGS SESAC, USGS ANSS advisory committee
  - Attended EERI and SSA annual meetings; emceed AGI-sponsored briefings for Congressional Natural Hazards Caucus on earthquake risk in the New Madrid region
  - Initiated in-house economics study to measure economic impacts of seismic provisions in national model building codes

