

***In the House of Representatives, U. S.,***

*October 27, 2000.*

*Resolved*, That the House agree to the amendment of the Senate to the bill (H.R. 1550) entitled “An Act to authorize appropriations for the United States Fire Administration for fiscal years 2000 and 2001, and for other purposes”, with the following

**HOUSE AMENDMENTS TO SENATE AMENDMENT:**

In lieu of the matter proposed to be inserted by the amendment of the Senate, insert the following:

1     ***TITLE I—UNITED STATES FIRE***  
2                     ***ADMINISTRATION***

3     ***SEC. 101. SHORT TITLE.***

4             *This title may be cited as the “Fire Administration*  
5 *Authorization Act of 2000”.*

6     ***SEC. 102. AUTHORIZATION OF APPROPRIATIONS.***

7             *Section 17(g)(1) of the Federal Fire Prevention and*  
8 *Control Act of 1974 (15 U.S.C. 2216(g)(1)) is amended—*

9                     *(1) by striking “and” at the end of subpara-*  
10 *graph (G);*

11                    *(2) by striking the period at the end of subpara-*  
12 *graph (H) and inserting a semicolon; and*

13                    *(3) by adding at the end the following:*

1           “(I) \$44,753,000 for fiscal year 2001, of which  
2           \$3,000,000 is for research activities, and \$250,000  
3           may be used for contracts or grants to non-Federal  
4           entities for data analysis, including general fire pro-  
5           files and special fire analyses and report projects, and  
6           of which \$6,000,000 is for anti-terrorism training, in-  
7           cluding associated curriculum development, for fire  
8           and emergency services personnel;

9           “(J) \$47,800,000 for fiscal year 2002, of which  
10          \$3,250,000 is for research activities, and \$250,000  
11          may be used for contracts or grants to non-Federal  
12          entities for data analysis, including general fire pro-  
13          files and special fire analyses and report projects, and  
14          of which \$7,000,000 is for anti-terrorism training, in-  
15          cluding associated curriculum development, for fire  
16          and emergency services personnel; and

17          “(K) \$50,000,000 for fiscal year 2003, of which  
18          \$3,500,000 is for research activities, and \$250,000  
19          may be used for contracts or grants to non-Federal  
20          entities for data analysis, including general fire pro-  
21          files and special fire analyses and report projects, and  
22          of which \$8,000,000 is for anti-terrorism training, in-  
23          cluding associated curriculum development, for fire  
24          and emergency services personnel.”.

1 *None of the funds authorized for the United States Fire Ad-*  
2 *ministration for fiscal year 2002 may be obligated unless*  
3 *the Administrator has verified to the Committee on Science*  
4 *of the House of Representatives and the Committee on Com-*  
5 *merce, Science, and Transportation of the Senate that the*  
6 *obligation of funds is consistent with the strategic plan*  
7 *transmitted under section 103 of this Act.*

8 **SEC. 103. STRATEGIC PLAN.**

9       (a) *REQUIREMENT.*—Not later than April 30, 2001,  
10 *the Administrator of the United States Fire Administration*  
11 *shall prepare and transmit to the Committee on Science*  
12 *of the House of Representatives and the Committee on Com-*  
13 *merce, Science, and Transportation of the Senate a 5-year*  
14 *strategic plan of program activities for the United States*  
15 *Fire Administration.*

16       (b) *CONTENTS OF PLAN.*—The plan required by sub-  
17 *section (a) shall include—*

18               (1) *a comprehensive mission statement covering*  
19 *the major functions and operations of the United*  
20 *States Fire Administration in the areas of training;*  
21 *research, development, test and evaluation; new tech-*  
22 *nology and non-developmental item implementation;*  
23 *safety; counterterrorism; data collection and analysis;*  
24 *and public education;*

1           (2) *general goals and objectives, including those*  
2           *related to outcomes, for the major functions and oper-*  
3           *ations of the United States Fire Administration;*

4           (3) *a description of how the goals and objectives*  
5           *identified under paragraph (2) are to be achieved, in-*  
6           *cluding operational processes, skills and technology,*  
7           *and the human, capital, information, and other re-*  
8           *sources required to meet those goals and objectives;*

9           (4) *an analysis of the strengths and weaknesses*  
10          *of, opportunities for, and threats to the United States*  
11          *Fire Administration;*

12          (5) *an identification of the fire-related activities*  
13          *of the National Institute of Standards and Tech-*  
14          *nology, the Department of Defense, and other Federal*  
15          *agencies, and a discussion of how those activities can*  
16          *be coordinated with and contribute to the achievement*  
17          *of the goals and objectives identified under paragraph*  
18          *(2);*

19          (6) *a description of objective, quantifiable per-*  
20          *formance goals needed to define the level of perform-*  
21          *ance achieved by program activities in training, re-*  
22          *search, data collection and analysis, and public edu-*  
23          *cation, and how these performance goals relate to the*  
24          *general goals and objectives in the strategic plan;*

1           (7) *an identification of key factors external to*  
2 *the United States Fire Administration and beyond its*  
3 *control that could affect significantly the achievement*  
4 *of the general goals and objectives;*

5           (8) *a description of program evaluations used in*  
6 *establishing or revising general goals and objectives,*  
7 *with a schedule for future program evaluations;*

8           (9) *a plan for the timely distribution of informa-*  
9 *tion and educational materials to State and local*  
10 *firefighting services, including volunteer, career, and*  
11 *combination services throughout the United States;*

12           (10) *a description of how the strategic plan pre-*  
13 *pared under this section will be incorporated into the*  
14 *strategic plan and the performance plans and reports*  
15 *of the Federal Emergency Management Agency;*

16           (11)(A) *a description of the current and planned*  
17 *use of the Internet for the delivery of training courses*  
18 *by the National Fire Academy, including a listing of*  
19 *the types of courses and a description of each course's*  
20 *provisions for real time interaction between instructor*  
21 *and students, the number of students enrolled, and the*  
22 *geographic distribution of students, for the most re-*  
23 *cent fiscal year;*

24           (B) *an assessment of the availability and actual*  
25 *use by the National Fire Academy of Federal facili-*

1 *ties suitable for distance education applications, in-*  
2 *cluding facilities with teleconferencing capabilities;*  
3 *and*

4 *(C) an assessment of the benefits and problems*  
5 *associated with delivery of instructional courses using*  
6 *the Internet, including limitations due to network*  
7 *bandwidth at training sites, the availability of suit-*  
8 *able course materials, and the effectiveness of such*  
9 *courses in terms of student performance;*

10 *(12) timeline for implementing the plan; and*

11 *(13) the expected costs for implementing the*  
12 *plan.*

13 **SEC. 104. RESEARCH AGENDA.**

14 *(a) REQUIREMENT.—Not later than 120 days after the*  
15 *date of the enactment of this Act, the Administrator of the*  
16 *United States Fire Administration, in consultation with*  
17 *the Director of the Federal Emergency Management Agency,*  
18 *the Director of the National Institute of Standards and*  
19 *Technology, representatives of trade, professional, and non-*  
20 *profit associations, State and local firefighting services, and*  
21 *other appropriate entities, shall prepare and transmit to*  
22 *the Committee on Science of the House of Representatives*  
23 *and the Committee on Commerce, Science, and Transpor-*  
24 *tation of the Senate a report describing the United States*

1 *Fire Administration's research agenda and including a*  
2 *plan for implementing that agenda.*

3 (b) *CONTENTS OF REPORT.*—*The report required by*  
4 *subsection (a) shall—*

5 (1) *identify research priorities;*

6 (2) *describe how the proposed research agenda*  
7 *will be coordinated and integrated with the programs*  
8 *and capabilities of the National Institute of Stand-*  
9 *ards and Technology, the Department of Defense, and*  
10 *other Federal agencies;*

11 (3) *identify potential roles of academic, trade,*  
12 *professional, and non-profit associations, and other*  
13 *research institutions in achieving the research agenda;*

14 (4) *provide cost estimates, anticipated personnel*  
15 *needs, and a schedule for completing the various ele-*  
16 *ments of the research agenda;*

17 (5) *describe ways to leverage resources through*  
18 *partnerships, cooperative agreements, and other*  
19 *means; and*

20 (6) *discuss how the proposed research agenda*  
21 *will enhance training, improve State and local fire-*  
22 *fighting services, impact standards and codes, in-*  
23 *crease firefighter and public safety, and advance fire-*  
24 *fighting techniques.*

1       (c) *USE IN PREPARING STRATEGIC PLAN.*—The re-  
2 search agenda prepared under this section shall be used in  
3 the preparation of the strategic plan required by section  
4 103.

5 **SEC. 105. SURPLUS AND EXCESS FEDERAL EQUIPMENT.**

6       *The Federal Fire Prevention and Control Act of 1974*  
7 *is amended by adding at the end the following new section:*

8 **“SEC. 33. SURPLUS AND EXCESS FEDERAL EQUIPMENT.**

9       *“The Administrator shall make publicly available, in-*  
10 *cluding through the Internet, information on procedures for*  
11 *acquiring surplus and excess equipment or property that*  
12 *may be useful to State and local fire, emergency, and haz-*  
13 *ardous material handling service providers.”.*

14 **SEC. 106. COOPERATIVE AGREEMENTS WITH FEDERAL FA-**  
15 **CILITIES.**

16       *The Federal Fire Prevention and Control Act of 1974,*  
17 *as amended by section 105, is amended by adding at the*  
18 *end the following new section:*

19 **“SEC. 34. COOPERATIVE AGREEMENTS WITH FEDERAL FA-**  
20 **CILITIES.**

21       *“The Administrator shall make publicly available, in-*  
22 *cluding through the Internet, information on procedures for*  
23 *establishing cooperative agreements between State and local*  
24 *fire and emergency services and Federal facilities in their*



1 *region relating to the provision of fire and emergency serv-*  
2 *ices.”.*

3 **SEC. 107. NEED FOR ADDITIONAL TRAINING IN**  
4 **COUNTERTERRORISM.**

5 *(a) IN GENERAL.—The Administrator of the United*  
6 *States Fire Administration shall conduct an assessment of*  
7 *the need for additional capabilities for Federal*  
8 *counterterrorism training of emergency response personnel.*

9 *(b) CONTENTS OF ASSESSMENT.—The assessment con-*  
10 *ducted under this section shall include—*

11 *(1) a review of the counterterrorism training*  
12 *programs offered by the United States Fire Adminis-*  
13 *tration and other Federal agencies;*

14 *(2) an estimate of the number and types of emer-*  
15 *gency response personnel that have, during the period*  
16 *between January 1, 1994, and October 1, 1999,*  
17 *sought training described in paragraph (1), but have*  
18 *been unable to receive that training as a result of the*  
19 *oversubscription of the training capabilities; and*

20 *(3) a recommendation on the need to provide ad-*  
21 *ditional Federal counterterrorism training centers,*  
22 *including—*

23 *(A) an analysis of existing Federal facilities*  
24 *that could be used as counterterrorism training*  
25 *facilities; and*

1                   (B) a cost-benefit analysis of the establish-  
2                   ment of such counterterrorism training facilities.

3           (c) *REPORT.*—Not later than 180 days after the date  
4 of the enactment of this Act, the Administrator shall pre-  
5 pare and submit to the Congress a report on the results of  
6 the assessment conducted under this section.

7 **SEC. 108. WORCESTER POLYTECHNIC INSTITUTE FIRE**  
8                   **SAFETY RESEARCH PROGRAM.**

9           From the funds authorized to be appropriated by the  
10 amendments made by section 102, \$1,000,000 may be ex-  
11 pended for the Worcester Polytechnic Institute fire safety  
12 research program.

13 **SEC. 109. INTERNET AVAILABILITY OF INFORMATION.**

14           Upon the conclusion of the research under a research  
15 grant or award of \$50,000 made with funds authorized by  
16 this title (or any amendments made by this title), the Ad-  
17 ministrator of the United States Fire Administration shall  
18 make available through the Internet home page of the Ad-  
19 ministration a brief summary of the results and importance  
20 of such research grant or award. Nothing in this section  
21 shall be construed to require or permit the release of any  
22 information prohibited by law or regulation from being re-  
23 leased to the public.

24 **SEC. 110. CONFORMING AMENDMENTS AND REPEALS.**

25           (a) *1974 ACT.*—

1           (1) *IN GENERAL.*—*The Federal Fire Prevention*  
2 *and Control Act of 1974 (15 U.S.C. 2201 et seq.) is*  
3 *amended—*

4                   (A) *by striking subsection (b) of section 10*  
5 *(15 U.S.C. 2209) and redesignating subsection*  
6 *(c) of that section as subsection (b);*

7                   (B) *by striking sections 26 and 27 (15*  
8 *U.S.C. 2222; 2223);*

9                   (C) *by striking “(a) The” in section 24 (15*  
10 *U.S.C. 2220) and inserting “The”; and*

11                   (D) *by striking subsection (b) of section 24.*

12           (2) *REFERENCES TO SECRETARY.*—*The Federal*  
13 *Fire Prevention and Control Act of 1974 (15 U.S.C.*  
14 *2201 et seq.) is amended—*

15                   (A) *in section 4 (15 U.S.C. 2203)—*

16                           (i) *by inserting “and” after the semi-*  
17 *colon in paragraph (7);*

18                           (ii) *by striking paragraph (8); and*

19                           (iii) *by redesignating paragraph (9) as*  
20 *paragraph (8);*

21                   (B) *by striking “Secretary” and inserting*  
22 *“Director”—*

23                           (i) *in section 5(b) (15 U.S.C. 2204(b));*

24                           (ii) *each place it appears in section 7*  
25 *(15 U.S.C. 2206);*

1                   (iii) the first place it appears in sec-  
2                   tion 11(c) (15 U.S.C. 2210(c));

3                   (iv) in section 15(b)(2), (c), and (f) (15  
4                   U.S.C. 2214(b)(2), (c), and (f));

5                   (v) the second place it appears in sec-  
6                   tion 15(e)(1)(A) (15 U.S.C. 2214(e)(1)(A));

7                   (vi) in section 16 (15 U.S.C. 2215);

8                   (vii) the second place it appears in sec-  
9                   tion 19(a) (42 U.S.C. 290a(a));

10                  (viii) both places it appears in section  
11                  20 (15 U.S.C. 2217); and

12                  (ix) in section 21(c) (15 U.S.C.  
13                  2218(c)); and

14                  (C) in section 15, by striking “Secretary’s”  
15                  each place it appears and inserting “Director’s”.

16                  (b) DEPARTMENT OF COMMERCE.—Section 12 of the  
17                  Act of February 14, 1903 (15 U.S.C. 1511) is amended—

18                   (1) by inserting “and” after “Census;” in para-  
19                   graph (5);

20                   (2) by striking paragraph (6); and

21                   (3) by redesignating paragraph (7) as para-  
22                   graph (6).

23                  **SEC. 111. NATIONAL FIRE ACADEMY CURRICULUM REVIEW.**

24                  (a) IN GENERAL.—The Administrator of the United  
25                  States Fire Administration, in consultation with the Board

1 *of Visitors and representatives of trade and professional as-*  
2 *sociations, State and local firefighting services, and other*  
3 *appropriate entities, shall conduct a review of the courses*  
4 *of instruction available at the National Fire Academy to*  
5 *ensure that they are up-to-date and complement, not dupli-*  
6 *cate, courses of instruction offered elsewhere. Not later than*  
7 *180 days after the date of enactment of this Act, the Admin-*  
8 *istrator shall prepare and submit a report to the Committee*  
9 *on Science of the House of Representatives and the Com-*  
10 *mittee on Commerce, Science, and Transportation of the*  
11 *Senate.*

12 (b) *CONTENTS OF REPORT.—The report required by*  
13 *subsection (a) shall—*

14 (1) *examine and assess the courses of instruction*  
15 *offered by the National Fire Academy;*

16 (2) *identify redundant and out-of-date courses of*  
17 *instruction;*

18 (3) *examine the current and future impact of in-*  
19 *formation technology on National Fire Academy cur-*  
20 *ricula, methods of instruction, and delivery of serv-*  
21 *ices; and*

22 (4) *make recommendations for updating the cur-*  
23 *riculum, methods of instruction, and delivery of serv-*  
24 *ices by the National Fire Academy considering cur-*  
25 *rent and future needs, State-based curricula, advances*

1 *in information technologies, and other relevant fac-*  
2 *tors.*

3 **SEC. 112. REPEAL OF EXCEPTION TO FIRE SAFETY RE-**  
4 **QUIREMENT.**

5 *(a) REPEAL.—Section 4 of Public Law 103–195 (107*  
6 *Stat. 2298) is hereby repealed.*

7 *(b) EFFECTIVE DATE.—Subsection (a) shall take effect*  
8 *1 year after the date of the enactment of this Act.*

9 **SEC. 113. NATIONAL FALLEN FIREFIGHTERS FOUNDATION**  
10 **TECHNICAL CORRECTIONS.**

11 *(a) PURPOSES.—Section 151302 of title 36, United*  
12 *States Code, is amended—*

13 *(1) by striking paragraph (1) and inserting the*  
14 *following:*

15 *“(1) primarily—*

16 *“(A) to encourage, accept, and administer*  
17 *private gifts of property for the benefit of the Na-*  
18 *tional Fallen Firefighters’ Memorial and the an-*  
19 *nuual memorial service associated with the memo-*  
20 *rial; and*

21 *“(B) to, in coordination with the Federal*  
22 *Government and fire services (as that term is de-*  
23 *finid in section 4 of the Federal Fire Prevention*  
24 *and Control Act of 1974 (15 U.S.C. 2203)), plan,*

1           *direct, and manage the memorial service referred*  
2           *to in subparagraph (A);”;*

3           *(2) by inserting “and Federal” in paragraph (2)*  
4           *after “non-Federal”;*

5           *(3) in paragraph (3)—*

6                 *(A) by striking “State and local” and in-*  
7                 *serting “Federal, State, and local”; and*

8                 *(B) by striking “and” after the semicolon;*

9           *(4) by striking “firefighters.” in paragraph (4)*  
10           *and inserting “firefighters;”; and*

11           *(5) by adding at the end the following:*

12                 *“(5) to provide for a national program to assist*  
13                 *families of fallen firefighters and fire departments in*  
14                 *dealing with line-of-duty deaths of those firefighters;*  
15                 *and*

16                 *“(6) to promote national, State, and local initia-*  
17                 *tives to increase public awareness of fire and life safe-*  
18                 *ty.”.*

19           *(b) BOARD OF DIRECTORS.—Section 151303 of title*  
20           *36, United States Code, is amended—*

21                 *(1) by striking subsections (f) and (g) and in-*  
22                 *serting the following:*

23                 *“(f) STATUS AND COMPENSATION.—*

1           “(1) *Appointment to the board shall not con-*  
2           *stitute employment by or the holding of an office of*  
3           *the United States.*

4           “(2) *Members of the board shall serve without*  
5           *compensation.*”; and

6           (2) *by redesignating subsection (h) as subsection*  
7           *(g).*

8           (c) *OFFICERS AND EMPLOYEES.—Section 151304 of*  
9           *title 36, United States Code, is amended—*

10           (1) *by striking “not more than 2” in subsection*  
11           *(a); and*

12           (2) *by striking “are not” in subsection (b)(1)*  
13           *and inserting “shall not be considered”.*

14           (d) *SUPPORT BY THE ADMINISTRATOR.—Section*  
15           *151307(a)(1) of title 36, United States Code, is amended—*

16           (1) *by striking “The Administrator” and insert-*  
17           *ing “During the 10-year period beginning on the date*  
18           *of enactment of the Fire Administration Authoriza-*  
19           *tion Act of 2000, the Administrator”;* and

20           (2) *by striking “shall” in subparagraph (B) and*  
21           *inserting “may”.*



1                   **TITLE II—EARTHQUAKE**  
2                   **HAZARDS REDUCTION**

3   **SEC. 201. SHORT TITLE.**

4           *This title may be cited as the “Earthquake Hazards*  
5 *Reduction Authorization Act of 2000”.*

6   **SEC. 202. AUTHORIZATION OF APPROPRIATIONS.**

7           (a) *FEDERAL EMERGENCY MANAGEMENT AGENCY.—*  
8 *Section 12(a)(7) of the Earthquake Hazards Reduction Act*  
9 *of 1977 (42 U.S.C. 7706(a)(7)) is amended—*

10                   (1) *by striking “and” after “1998,”; and*

11                   (2) *by striking “1999.” and inserting “1999;*  
12 *\$19,861,000 for the fiscal year ending September 30,*  
13 *2001, of which \$450,000 is for National Earthquake*  
14 *Hazard Reduction Program-eligible efforts of an es-*  
15 *tablished multi-state consortium to reduce the unac-*  
16 *ceptable threat of earthquake damages in the New Ma-*  
17 *drid seismic region through efforts to enhance pre-*  
18 *paredness, response, recovery, and mitigation;*  
19 *\$20,705,000 for the fiscal year ending September 30,*  
20 *2002; and \$21,585,000 for the fiscal year ending Sep-*  
21 *tember 30, 2003.”.*

22           (b) *UNITED STATES GEOLOGICAL SURVEY.—Section*  
23 *12(b) of the Earthquake Hazards Reduction Act of 1977 (42*  
24 *U.S.C. 7706(b)) is amended—*

1           (1) by inserting after “operated by the Agency.”  
2           the following: “There are authorized to be appro-  
3           priated to the Secretary of the Interior for purposes  
4           of carrying out, through the Director of the United  
5           States Geological Survey, the responsibilities that  
6           may be assigned to the Director under this Act  
7           \$48,360,000 for fiscal year 2001, of which \$3,500,000  
8           is for the Global Seismic Network and \$100,000 is for  
9           the Scientific Earthquake Studies Advisory Com-  
10          mittee established under section 210 of the Earth-  
11          quake Hazards Reduction Authorization Act of 2000;  
12          \$50,415,000 for fiscal year 2002, of which \$3,600,000  
13          is for the Global Seismic Network and \$100,000 is for  
14          the Scientific Earthquake Studies Advisory Com-  
15          mittee; and \$52,558,000 for fiscal year 2003, of which  
16          \$3,700,000 is for the Global Seismic Network and  
17          \$100,000 is for the Scientific Earthquake Studies Ad-  
18          visory Committee.”;

19           (2) by striking “and” at the end of paragraph  
20          (1);

21           (3) by striking “1999,” at the end of paragraph  
22          (2) and inserting “1999;”; and

23           (4) by inserting after paragraph (2) the fol-  
24          lowing:

1           “(3) \$9,000,000 of the amount authorized to be  
2           appropriated for fiscal year 2001;

3           “(4) \$9,250,000 of the amount authorized to be  
4           appropriated for fiscal year 2002; and

5           “(5) \$9,500,000 of the amount authorized to be  
6           appropriated for fiscal year 2003.”.

7           (c) *REAL-TIME SEISMIC HAZARD WARNING SYS-*  
8 *TEM.*—Section 2(a)(7) of the Act entitled “An Act To au-  
9 *thorize appropriations for carrying out the Earthquake*  
10 *Hazards Reduction Act of 1977 for fiscal years 1998 and*  
11 *1999, and for other purposes” (111 Stat. 1159; 42 U.S.C.*  
12 *7704 nt) is amended by striking “1999.” and inserting*  
13 *“1999; \$2,600,000 for fiscal year 2001; \$2,710,000 for fiscal*  
14 *year 2002; and \$2,825,000 for fiscal year 2003.”.*

15           (d) *NATIONAL SCIENCE FOUNDATION.*—Section 12(c)  
16 *of the Earthquake Hazards Reduction Act of 1977 (42*  
17 *U.S.C. 7706(c)) is amended—*

18           (1) *by striking “1998, and” and inserting*  
19 *“1998,”; and*

20           (2) *by inserting after “1999.” the following:*  
21 *“There are authorized to be appropriated to the Na-*  
22 *tional Science Foundation \$19,000,000 for engineer-*  
23 *ing research and \$11,900,000 for geosciences research*  
24 *for fiscal year 2001; \$19,808,000 for engineering re-*  
25 *search and \$12,406,000 for geosciences research for*

1 *fiscal year 2002; and \$20,650,000 for engineering re-*  
2 *search and \$12,933,000 for geosciences research for*  
3 *fiscal year 2003.”.*

4 *(e) NATIONAL INSTITUTE OF STANDARDS AND TECH-*  
5 *NOLOGY.—Section 12(d) of the Earthquake Hazards Reduc-*  
6 *tion Act of 1977 (42 U.S.C. 7706(d)) is amended—*

7 *(1) by striking “1998, and”; and inserting*  
8 *“1998,”; and*

9 *(2) by striking “1999.” and inserting “1999,*  
10 *\$2,332,000 for fiscal year 2001, \$2,431,000 for fiscal*  
11 *year 2002, and \$2,534,300 for fiscal year 2003.”.*

12 **SEC. 203. REPEALS.**

13 *Section 10 and subsections (e) and (f) of section 12*  
14 *of the Earthquake Hazards Reduction Act of 1977 (42*  
15 *U.S.C. 7705d and 7706 (e) and (f)) are repealed.*

16 **SEC. 204. ADVANCED NATIONAL SEISMIC RESEARCH AND**  
17 **MONITORING SYSTEM.**

18 *The Earthquake Hazards Reduction Act of 1977 (42*  
19 *U.S.C. 7701 et seq.) is amended by adding at the end the*  
20 *following new section:*

21 **“SEC. 13. ADVANCED NATIONAL SEISMIC RESEARCH AND**  
22 **MONITORING SYSTEM.**

23 *“(a) ESTABLISHMENT.—The Director of the United*  
24 *States Geological Survey shall establish and operate an Ad-*  
25 *vanced National Seismic Research and Monitoring System.*

1 *The purpose of such system shall be to organize, modernize,*  
2 *standardize, and stabilize the national, regional, and urban*  
3 *seismic monitoring systems in the United States, including*  
4 *sensors, recorders, and data analysis centers, into a coordi-*  
5 *nated system that will measure and record the full range*  
6 *of frequencies and amplitudes exhibited by seismic waves,*  
7 *in order to enhance earthquake research and warning capa-*  
8 *bilities.*

9       “(b) *MANAGEMENT PLAN.—Not later than 90 days*  
10 *after the date of the enactment of the Earthquake Hazards*  
11 *Reduction Authorization Act of 2000, the Director of the*  
12 *United States Geological Survey shall transmit to the Con-*  
13 *gress a 5-year management plan for establishing and oper-*  
14 *ating the Advanced National Seismic Research and Moni-*  
15 *toring System. The plan shall include annual cost estimates*  
16 *for both modernization and operation, milestones, stand-*  
17 *ards, and performance goals, as well as plans for securing*  
18 *the participation of all existing networks in the Advanced*  
19 *National Seismic Research and Monitoring System and for*  
20 *establishing new, or enhancing existing, partnerships to le-*  
21 *verage resources.*

22       “(c) *AUTHORIZATION OF APPROPRIATIONS.—*

23               “(1) *EXPANSION AND MODERNIZATION.—In ad-*  
24 *dition to amounts appropriated under section 12(b),*  
25 *there are authorized to be appropriated to the Sec-*

1        *retary of the Interior, to be used by the Director of*  
 2        *the United States Geological Survey to establish the*  
 3        *Advanced National Seismic Research and Monitoring*  
 4        *System—*

5                    *“(A) \$33,500,000 for fiscal year 2002;*

6                    *“(B) \$33,700,000 for fiscal year 2003;*

7                    *“(C) \$35,100,000 for fiscal year 2004;*

8                    *“(D) \$35,000,000 for fiscal year 2005; and*

9                    *“(E) \$33,500,000 for fiscal year 2006.*

10                    *“(2) OPERATION.—In addition to amounts ap-*  
 11                    *propriated under section 12(b), there are authorized*  
 12                    *to be appropriated to the Secretary of the Interior, to*  
 13                    *be used by the Director of the United States Geologi-*  
 14                    *cal Survey to operate the Advanced National Seismic*  
 15                    *Research and Monitoring System—*

16                    *“(A) \$4,500,000 for fiscal year 2002; and*

17                    *“(B) \$10,300,000 for fiscal year 2003.”.*

18        **SEC. 205. NETWORK FOR EARTHQUAKE ENGINEERING SIM-**

19                    **ULATION.**

20                    *The Earthquake Hazards Reduction Act of 1977 (42*  
 21                    *U.S.C. 7701 et seq.) is further amended by adding at the*  
 22                    *end the following new section:*

1 **“SEC. 14. NETWORK FOR EARTHQUAKE ENGINEERING SIM-**  
2 **ULATION.**

3 “(a) *ESTABLISHMENT.*—*The Director of the National*  
4 *Science Foundation shall establish the George E. Brown,*  
5 *Jr. Network for Earthquake Engineering Simulation that*  
6 *will upgrade, link, and integrate a system of geographically*  
7 *distributed experimental facilities for earthquake engineer-*  
8 *ing testing of full-sized structures and their components and*  
9 *partial-scale physical models. The system shall be inte-*  
10 *grated through networking software so that integrated mod-*  
11 *els and databases can be used to create model-based simula-*  
12 *tion, and the components of the system shall be inter-*  
13 *connected with a computer network and allow for remote*  
14 *access, information sharing, and collaborative research.*

15 “(b) *AUTHORIZATION OF APPROPRIATIONS.*—*In addi-*  
16 *tion to amounts appropriated under section 12(c), there are*  
17 *authorized to be appropriated to the National Science*  
18 *Foundation for the George E. Brown, Jr. Network for*  
19 *Earthquake Engineering Simulation—*

20 “(1) \$28,200,000 for fiscal year 2001;

21 “(2) \$24,400,000 for fiscal year 2002;

22 “(3) \$4,500,000 for fiscal year 2003; and

23 “(4) \$17,000,000 for fiscal year 2004.”

24 **SEC. 206. BUDGET COORDINATION.**

25 *Section 5 of the Earthquake Hazards Reduction Act*  
26 *of 1977 (42 U.S.C. 7704) is amended—*

1           (1) *by striking subparagraph (A) of subsection*  
2 *(b)(1) and redesignating subparagraphs (B) through*  
3 *(F) of subsection (b)(1) as subparagraphs (A) through*  
4 *(E), respectively; and*

5           (2) *by adding at the end the following new sub-*  
6 *section:*

7           “(c) *BUDGET COORDINATION.—*

8           “(1) *GUIDANCE.—The Agency shall each year*  
9 *provide guidance to the other Program agencies con-*  
10 *cerning the preparation of requests for appropriations*  
11 *for activities related to the Program, and shall pre-*  
12 *pare, in conjunction with the other Program agencies,*  
13 *an annual Program budget to be submitted to the Of-*  
14 *fice of Management and Budget.*

15           “(2) *REPORTS.—Each Program agency shall in-*  
16 *clude with its annual request for appropriations sub-*  
17 *mitted to the Office of Management and Budget a re-*  
18 *port that—*

19                   “(A) *identifies each element of the proposed*  
20 *Program activities of the agency;*

21                   “(B) *specifies how each of these activities*  
22 *contributes to the Program; and*

23                   “(C) *states the portion of its request for ap-*  
24 *propriations allocated to each element of the Pro-*  
25 *gram.”.*



1 **SEC. 207. REPORT ON AT-RISK POPULATIONS.**

2 *Not later than one year after the date of the enactment*  
3 *of this Act, and after a period for public comment, the Di-*  
4 *rector of the Federal Emergency Management Agency shall*  
5 *transmit to the Congress a report describing the elements*  
6 *of the Program that specifically address the needs of at-risk*  
7 *populations, including the elderly, persons with disabilities,*  
8 *non-English-speaking families, single-parent households,*  
9 *and the poor. Such report shall also identify additional ac-*  
10 *tions that could be taken to address those needs and make*  
11 *recommendations for any additional legislative authority*  
12 *required to take such actions.*

13 **SEC. 208. PUBLIC ACCESS TO EARTHQUAKE INFORMATION.**

14 *Section 5(b)(2)(A)(ii) of the Earthquake Hazards Re-*  
15 *duction Act of 1977 (42 U.S.C. 7704(b)(2)(A)(ii)) is amend-*  
16 *ed by inserting “, and development of means of increasing*  
17 *public access to available locality-specific information that*  
18 *may assist the public in preparing for or responding to*  
19 *earthquakes” after “and the general public”.*

20 **SEC. 209. LIFELINES.**

21 *Section 4(6) of the Earthquake Hazards Reduction Act*  
22 *of 1977 (42 U.S.C. 7703(6)) is amended by inserting “and*  
23 *infrastructure” after “communication facilities”.*

1 **SEC. 210. SCIENTIFIC EARTHQUAKE STUDIES ADVISORY**  
2 **COMMITTEE.**

3 (a) *ESTABLISHMENT.*—*The Director of the United*  
4 *States Geological Survey shall establish a Scientific Earth-*  
5 *quake Studies Advisory Committee.*

6 (b) *ORGANIZATION.*—*The Director shall establish pro-*  
7 *cedures for selection of individuals not employed by the Fed-*  
8 *eral Government who are qualified in the seismic sciences*  
9 *and other appropriate fields and may, pursuant to such*  
10 *procedures, select up to ten individuals, one of whom shall*  
11 *be designated Chairman, to serve on the Advisory Com-*  
12 *mittee. Selection of individuals for the Advisory Committee*  
13 *shall be based solely on established records of distinguished*  
14 *service, and the Director shall ensure that a reasonable*  
15 *cross-section of views and expertise is represented. In select-*  
16 *ing individuals to serve on the Advisory Committee, the Di-*  
17 *rector shall seek and give due consideration to recommenda-*  
18 *tions from the National Academy of Sciences, professional*  
19 *societies, and other appropriate organizations.*

20 (c) *MEETINGS.*—*The Advisory Committee shall meet*  
21 *at such times and places as may be designated by the Chair-*  
22 *man in consultation with the Director.*

23 (d) *DUTIES.*—*The Advisory Committee shall advise the*  
24 *Director on matters relating to the United States Geological*  
25 *Survey's participation in the National Earthquake Haz-*  
26 *ards Reduction Program, including the United States Geo-*

1 *logical Survey's roles, goals, and objectives within that Pro-*  
2 *gram, its capabilities and research needs, guidance on*  
3 *achieving major objectives, and establishing and measuring*  
4 *performance goals. The Advisory Committee shall issue an*  
5 *annual report to the Director for submission to Congress*  
6 *on or before September 30 of each year. The report shall*  
7 *describe the Advisory Committee's activities and address*  
8 *policy issues or matters that affect the United States Geo-*  
9 *logical Survey's participation in the National Earthquake*  
10 *Hazards Reduction Program.*

Amend the title so as to read as follows: "An Act to authorize appropriations for the United States Fire Administration, and for carrying out the Earthquake Hazards Reduction Act of 1977, for fiscal years 2001, 2002, and 2003, and for other purposes."

Attest:

*Clerk.*



106TH CONGRESS  
2D SESSION

**H.R. 1550**

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**HOUSE AMENDMENTS TO  
SENATE AMENDMENT**