

***In the Senate of the United States,***

*July 23, 2015.*

*Resolved*, That the bill from the House of Representatives (H.R. 23) entitled “An Act to reauthorize the National Windstorm Impact Reduction Program, and for other purposes.”, do pass with the following

**AMENDMENT:**

Strike out all after the enacting clause and insert:

1 **SECTION 1. SHORT TITLE.**

2       *This Act may be cited as the “National Windstorm Im-*  
3  *pact Reduction Act Reauthorization of 2015”.*

4 **SEC. 2. DEFINITIONS.**

5       (a) *DIRECTOR.*—*Section 203(1) of the National Wind-*  
6  *storm Impact Reduction Act of 2004 (42 U.S.C. 15702(1))*  
7  *is amended by striking “Director of the Office of Science*  
8  *and Technology Policy” and inserting “Director of the Na-*  
9  *tional Institute of Standards and Technology”.*

1       (b) *LIFELINES*.—Section 203 of the National Wind-  
2 storm Impact Reduction Act of 2004 (42 U.S.C. 15702) is  
3 further amended—

4           (1) by redesignating paragraphs (2) through (4)  
5 as paragraphs (3) through (5), respectively; and

6           (2) by inserting after paragraph (1) the fol-  
7 lowing new paragraph:

8           “(2) *LIFELINES*.—The term ‘lifelines’ means  
9 public works and utilities, including transportation  
10 facilities and infrastructure, oil and gas pipelines,  
11 electrical power and communication facilities and in-  
12 frastructure, and water supply and sewage treatment  
13 facilities.”.

14       (c) *WINDSTORM*.—Paragraph (5) of such section, as re-  
15 designated by subsection (b), is amended by inserting  
16 “northeaster,” after “tropical storm,”.

17 **SEC. 3. NATIONAL WINDSTORM IMPACT REDUCTION PRO-**  
18 **GRAM.**

19       Section 204 of the National Windstorm Impact Reduc-  
20 tion Act of 2004 (42 U.S.C. 15703) is amended—

21           (1) by striking subsections (a), (b), and (c) and  
22 inserting the following:

23           “(a) *ESTABLISHMENT*.—There is established the Na-  
24 tional Windstorm Impact Reduction Program, the purpose  
25 of which is to achieve major measurable reductions in the

1 *losses of life and property from windstorms through a co-*  
2 *ordinated Federal effort, in cooperation with other levels of*  
3 *government, academia, and the private sector, aimed at im-*  
4 *proving the understanding of windstorms and their impacts*  
5 *and developing and encouraging the implementation of*  
6 *cost-effective mitigation measures to reduce those impacts.*

7 “(b) *RESPONSIBILITIES OF PROGRAM AGENCIES.*—

8 “(1) *LEAD AGENCY.*—*The National Institute of*  
9 *Standards and Technology shall have the primary re-*  
10 *sponsibility for planning and coordinating the Pro-*  
11 *gram. In carrying out this paragraph, the Director*  
12 *shall—*

13 “(A) *ensure that the Program includes the*  
14 *necessary components to promote the implemen-*  
15 *tation of windstorm risk reduction measures by*  
16 *Federal, State, and local governments, national*  
17 *standards and model building code organiza-*  
18 *tions, architects and engineers, and others with*  
19 *a role in planning and constructing buildings*  
20 *and lifelines;*

21 “(B) *support the development of perform-*  
22 *ance-based engineering tools, and work with ap-*  
23 *propriate groups to promote the commercial ap-*  
24 *plication of such tools, including through wind-*

1           *related model building codes, voluntary stand-*  
2           *ards, and construction best practices;*

3           “(C) *request the assistance of Federal agen-*  
4           *cies other than the Program agencies, as nec-*  
5           *essary to assist in carrying out this Act;*

6           “(D) *coordinate all Federal post-windstorm*  
7           *investigations to the extent practicable; and*

8           “(E) *when warranted by research or inves-*  
9           *tigative findings, issue recommendations to as-*  
10          *assist in informing the development of model codes,*  
11          *and provide information to Congress on the use*  
12          *of such recommendations.*

13          “(2) *NATIONAL INSTITUTE OF STANDARDS AND*  
14          *TECHNOLOGY.—In addition to the lead agency re-*  
15           *sponsibilities described under paragraph (1), the Na-*  
16          *tional Institute of Standards and Technology shall be*  
17           *responsible for carrying out research and development*  
18           *to improve model building codes, voluntary standards,*  
19           *and best practices for the design, construction, and*  
20           *retrofit of buildings, structures, and lifelines.*

21          “(3) *NATIONAL SCIENCE FOUNDATION.—The Na-*  
22          *tional Science Foundation shall support research*  
23           *in—*

24                 “(A) *engineering and the atmospheric*  
25                  *sciences to improve the understanding of the be-*

1           *havior of windstorms and their impact on build-*  
2           *ings, structures, and lifelines; and*

3           “(B) *economic and social factors influ-*  
4           *encing windstorm risk reduction measures.*

5           “(4) *NATIONAL OCEANIC AND ATMOSPHERIC AD-*  
6           *MINISTRATION.—The National Oceanic and Atmos-*  
7           *pheric Administration shall support atmospheric*  
8           *sciences research to improve the understanding of the*  
9           *behavior of windstorms and their impact on build-*  
10          *ings, structures, and lifelines.*

11          “(5) *FEDERAL EMERGENCY MANAGEMENT AGEN-*  
12          *CY.—The Federal Emergency Management Agency*  
13          *shall—*

14               “(A) *support—*

15                   “(i) *the development of risk assessment*  
16                   *tools and effective mitigation techniques;*

17                   “(ii) *windstorm-related data collection*  
18                   *and analysis;*

19                   “(iii) *public outreach and information*  
20                   *dissemination; and*

21                   “(iv) *promotion of the adoption of*  
22                   *windstorm preparedness and mitigation*  
23                   *measures, including for households, busi-*  
24                   *nesses, and communities, consistent with the*  
25                   *Agency’s all-hazards approach; and*

1           “(B) work closely with national standards  
2           and model building code organizations, in con-  
3           junction with the National Institute of Stand-  
4           ards and Technology, to promote the implemen-  
5           tation of research results and promote better  
6           building practices within the building design  
7           and construction industry, including architects,  
8           engineers, contractors, builders, and inspectors.”;

9           (2) by redesignating subsection (d) as subsection  
10          (c), and by striking subsections (e) and (f); and

11          (3) by inserting after subsection (c), as so reded-  
12          ignated, the following new subsections:

13          “(d) *BUDGET ACTIVITIES.*—The Director of the Na-  
14          tional Institute of Standards and Technology, the Director  
15          of the National Science Foundation, the Director of the Na-  
16          tional Oceanic and Atmospheric Administration, and the  
17          Director of the Federal Emergency Management Agency  
18          shall each include in their agency’s annual budget request  
19          to Congress a description of their agency’s projected activi-  
20          ties under the Program for the fiscal year covered by the  
21          budget request, along with an assessment of what they plan  
22          to spend on those activities for that fiscal year.

23          “(e) *INTERAGENCY COORDINATING COMMITTEE ON*  
24          *WINDSTORM IMPACT REDUCTION.*—

1           “(1) *ESTABLISHMENT.*—*There is established an*  
2           *Interagency Coordinating Committee on Windstorm*  
3           *Impact Reduction, chaired by the Director or the Di-*  
4           *rector’s designee.*

5           “(2) *MEMBERSHIP.*—*In addition to the chair,*  
6           *the Committee shall be composed of—*

7                   “(A) *the heads or such designees of—*

8                           “(i) *the Federal Emergency Manage-*  
9                           *ment Agency;*

10                           “(ii) *the National Oceanic and Atmos-*  
11                           *pheric Administration;*

12                           “(iii) *the National Science Founda-*  
13                           *tion;*

14                           “(iv) *the Office of Science and Tech-*  
15                           *nology Policy; and*

16                           “(v) *the Office of Management and*  
17                           *Budget; and*

18                           “(B) *the head of any other Federal agency,*  
19           *or such designee, the chair considers appropriate.*

20           “(3) *MEETINGS.*—*The Committee shall meet not*  
21           *less than once a year at the call of the Director of the*  
22           *National Institute of Standards and Technology.*

23           “(4) *GENERAL PURPOSE AND DUTIES.*—*The*  
24           *Committee shall oversee the planning and coordina-*  
25           *tion of the Program.*

1           “(5) *STRATEGIC PLAN.*—*The Committee shall de-*  
2 *velop and submit to Congress, not later than one year*  
3 *after the date of enactment of the National Windstorm*  
4 *Impact Reduction Act Reauthorization of 2015, a*  
5 *Strategic Plan for the Program that includes—*

6                   “(A) *prioritized goals for the Program that*  
7 *will mitigate against the loss of life and property*  
8 *from future windstorms;*

9                   “(B) *short-term, mid-term, and long-term*  
10 *research objectives to achieve those goals;*

11                   “(C) *a description of the role of each Pro-*  
12 *gram agency in achieving the prioritized goals;*

13                   “(D) *the methods by which progress towards*  
14 *the goals will be assessed; and*

15                   “(E) *an explanation of how the Program*  
16 *will foster the transfer of research results into*  
17 *outcomes, such as improved model building*  
18 *codes.*

19           “(6) *PROGRESS REPORT.*—*Not later than 18*  
20 *months after the date of enactment of the National*  
21 *Windstorm Impact Reduction Act Reauthorization of*  
22 *2015, the Committee shall submit to the Congress a*  
23 *report on the progress of the Program that includes—*

24                   “(A) *a description of the activities funded*  
25 *under the Program, a description of how these*



1            *activities align with the prioritized goals and re-*  
2            *search objectives established in the Strategic*  
3            *Plan, and the budgets, per agency, for these ac-*  
4            *tivities;*

5            *“(B) the outcomes achieved by the Program*  
6            *for each of the goals identified in the Strategic*  
7            *Plan;*

8            *“(C) a description of any recommendations*  
9            *made to change existing building codes that were*  
10           *the result of Program activities; and*

11           *“(D) a description of the extent to which the*  
12           *Program has incorporated recommendations*  
13           *from the Advisory Committee on Windstorm Im-*  
14            *pact Reduction.*

15           *“(7) COORDINATED BUDGET.—The Committee*  
16           *shall develop a coordinated budget for the Program,*  
17           *which shall be submitted to the Congress not later*  
18           *than 60 days after the date of the President’s budget*  
19           *submission for each fiscal year.”.*

20    **SEC. 4. NATIONAL ADVISORY COMMITTEE ON WINDSTORM**  
21                            **IMPACT REDUCTION.**

22            *Section 205 of the National Windstorm Impact Reduc-*  
23            *tion Act of 2004 (42 U.S.C. 15704) is amended to read as*  
24            *follows:*

1 **“SEC. 205. NATIONAL ADVISORY COMMITTEE ON WIND-**  
2 **STORM IMPACT REDUCTION.**

3       “(a) *IN GENERAL.*—*The Director of the National In-*  
4 *stitute of Standards and Technology shall establish an Ad-*  
5 *visory Committee on Windstorm Impact Reduction, which*  
6 *shall be composed of at least 7 and not more than 15 mem-*  
7 *bers who are qualified to provide advice on windstorm im-*  
8  *pact reduction and represent related scientific, architec-*  
9 *tural, and engineering disciplines, none of whom may be*  
10 *employees of the Federal Government, including—*

11               “(1) *representatives of research and academic in-*  
12 *stitutions;*

13               “(2) *industry standards development organiza-*  
14 *tions;*

15               “(3) *emergency management agencies;*

16               “(4) *State and local government; and*

17               “(5) *business communities, including the insur-*  
18 *ance industry.*

19       “(b) *ASSESSMENTS.*—*The Advisory Committee on*  
20 *Windstorm Impact Reduction shall offer assessments and*  
21 *recommendations on—*

22               “(1) *trends and developments in the natural, en-*  
23 *gineering, and social sciences and practices of wind-*  
24 *storm impact mitigation;*

25               “(2) *the priorities of the Program’s Strategic*  
26 *Plan;*

1           “(3) the coordination of the Program;

2           “(4) the effectiveness of the Program in meeting  
3       its purposes; and

4           “(5) any revisions to the Program which may be  
5       necessary.

6           “(c) *COMPENSATION*.—The members of the Advisory  
7       Committee established under this section shall serve without  
8       compensation.

9           “(d) *REPORTS*.—At least every 2 years, the Advisory  
10       Committee shall report to the Director on the assessments  
11       carried out under subsection (b) and its recommendations  
12       for ways to improve the Program.

13          “(e) *CHARTER*.—Notwithstanding section 14(b)(2) of  
14       the Federal Advisory Committee Act (5 U.S.C. App.), the  
15       Advisory Committee shall not be required to file a charter  
16       subsequent to its initial charter, filed under section 9(c) of  
17       such Act, before the termination date specified in subsection  
18       (f) of this section.

19          “(f) *TERMINATION*.—The Advisory Committee shall  
20       terminate on September 30, 2017.

21          “(g) *CONFLICT OF INTEREST*.—An Advisory Com-  
22       mittee member shall recuse himself from any Advisory Com-  
23       mittee activity in which he has an actual pecuniary inter-  
24       est.”.

1 **SEC. 5. AUTHORIZATION OF APPROPRIATIONS.**

2 *Section 207 of the National Windstorm Impact Reduc-*  
3 *tion Act of 2004 (42 U.S.C. 15706) is amended to read as*  
4 *follows:*

5 **“SEC. 207. AUTHORIZATION OF APPROPRIATIONS.**

6 *“(a) FEDERAL EMERGENCY MANAGEMENT AGENCY.—*  
7 *There are authorized to be appropriated to the Federal*  
8 *Emergency Management Agency for carrying out this*  
9 *title—*

10 *“(1) \$5,332,000 for fiscal year 2015;*

11 *“(2) \$5,332,000 for fiscal year 2016; and*

12 *“(3) \$5,332,000 for fiscal year 2017.*

13 *“(b) NATIONAL SCIENCE FOUNDATION.—There are au-*  
14 *thorized to be appropriated to the National Science Foun-*  
15 *dition for carrying out this title—*

16 *“(1) \$9,682,000 for fiscal year 2015;*

17 *“(2) \$9,682,000 for fiscal year 2016; and*

18 *“(3) \$9,682,000 for fiscal year 2017.*

19 *“(c) NATIONAL INSTITUTE OF STANDARDS AND TECH-*  
20 *NOLOGY.—There are authorized to be appropriated to the*  
21 *National Institute of Standards and Technology for car-*  
22 *rying out this title—*

23 *“(1) \$4,120,000 for fiscal year 2015;*

24 *“(2) \$4,120,000 for fiscal year 2016; and*

25 *“(3) \$4,120,000 for fiscal year 2017.*

1       “(d) *NATIONAL OCEANIC AND ATMOSPHERIC ADMINIS-*  
2 *TRATION.—There are authorized to be appropriated to the*  
3 *National Oceanic and Atmospheric Administration for car-*  
4 *rying out this title—*

5               “(1) \$2,266,000 for fiscal year 2015;

6               “(2) \$2,266,000 for fiscal year 2016; and

7               “(3) \$2,266,000 for fiscal year 2017.”.

Attest:

*Secretary.*

114<sup>TH</sup> CONGRESS  
1<sup>ST</sup> SESSION

**H.R. 23**

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**AMENDMENT**