

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

# S. 606

To make improvements in pipeline safety, and for other purposes.

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IN THE SENATE OF THE UNITED STATES

MARCH 23, 1995

Mr. BRADLEY (for himself and Mr. LAUTENBERG) introduced the following bill; which was read twice and referred to the Committee on Commerce, Science, and Transportation

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## A BILL

To make improvements in pipeline safety, and for other purposes.

1 *Be it enacted by the Senate and House of Representa-*  
2 *tives of the United States of America in Congress assembled,*

3 **SECTION 1. SHORT TITLE.**

4 This Act may be cited as the “Pipeline Safety  
5 Enhancement Act of 1995”.

6 **SEC. 2. IMPROVEMENTS IN PIPELINE SAFETY**

7 (a) TOUGHNESS STANDARDS.—Section 60102 of title  
8 49, United States Code, is amended by adding at the end  
9 the following new subsections:

10 “(l) TOUGHNESS STANDARDS.—

1           “(1) IN GENERAL.—Not later than 180 days  
2 after the date of enactment of the Pipeline Safety  
3 Enhancement Act of 1995, The Secretary of Trans-  
4 portation, in consultation with appropriate officials  
5 of the Research and Special Programs Administra-  
6 tion of the Department of Transportation (referred  
7 to in this section as the ‘Research and Special Pro-  
8 grams Administration’), shall prescribe minimum  
9 standards for toughness (as defined and determined  
10 by the Secretary of Transportation, in consultation  
11 with the appropriate officials of the Research and  
12 Special Programs Administration) for new pipes in-  
13 stalled in gas pipeline facilities and hazardous liquid  
14 pipeline facilities.

15           “(2) HIGH-DENSITY POPULATION AREAS.—In  
16 establishing the minimum standards for toughness  
17 under paragraph (1), the Secretary of Transpor-  
18 tation shall give particular attention to the installa-  
19 tion of new pipes in high-density population areas  
20 (as such term is used in section 60109).

21           “(3) PIPE DEFINED.—For purposes of this sub-  
22 section, the term ‘pipe’ means any pipe or tubing  
23 used in the transportation of gas, including pipe-  
24 type holders.

25           “(m) MARKINGS.—

1           “(1) IN GENERAL.—Not later 180 days after  
2 the date of enactment of the Pipeline Safety En-  
3 hancement Act of 1995, the Secretary of Transpor-  
4 tation, in consultation with appropriate officials of  
5 the Research and Special Programs Administration,  
6 shall prescribe minimum standards that require for  
7 the marking of pipelines in class 3 and class 4 loca-  
8 tions (as such terms are used in subpart L of part  
9 192 of title 49, Code of Federal Regulations, as in  
10 effect on the day before the date of enactment of the  
11 Pipeline Safety Enhancement Act of 1995) to iden-  
12 tify hazardous liquid pipeline facilities and high-  
13 pressure pipelines.

14           “(2) HIGH-PRESSURE PIPELINE DEFINED.—  
15 For purposes of this subsection, the term ‘high-pres-  
16 sure pipeline’ means any gas pipeline in which the  
17 gas pressure is higher than that provided to the cus-  
18 tomer.

19           “(n) TESTING.—

20           “(1) IN GENERAL.—Not later than one year  
21 after the date of enactment of the Pipeline Safety  
22 Enhancement Act of 1995, the Secretary of Trans-  
23 portation, in consultation with appropriate officials  
24 of the Research and Special Programs Administra-  
25 tion, shall include in the minimum safety standards

1 prescribed under subsection (a) a requirement that  
2 each operator of a gas pipeline facility or hazardous  
3 liquid pipeline facilities conduct, on a periodic basis,  
4 inspections or tests capable of identifying damage  
5 caused by corrosion and other time-dependent dam-  
6 age that may be detrimental to the continued safe  
7 operation of the pipeline and that may necessitate  
8 remedial action, in order to determine the adequacy  
9 of the pipeline facility to operate at established max-  
10 imum allowable operating pressure.

11 “(2) MAXIMUM ALLOWABLE OPERATING PRES-  
12 SURE DEFINED.—For purposes of this subsection,  
13 the term ‘maximum allowable operating pressure’  
14 means the maximum pressure at which a pipeline or  
15 a segment of a pipeline may be operated under regu-  
16 lations issued under this chapter.”.

17 (b) ASSESSMENT OF PUBLIC EDUCATION PROGRAM  
18 CONCERNING LEAK DETECTION.—Section 60116 of title  
19 49, United States Code, is amended—

20 (1) by inserting “(a) IN GENERAL.—” before  
21 “Under regulations”; and

22 (2) by adding at the end the following new sub-  
23 section:

24 “(b) ASSESSMENT.—

1           “(1) IN GENERAL.—Not later than 180 days  
2 after the date of enactment the Pipeline Safety En-  
3 hancement Act of 1995, and every two years there-  
4 after, the Secretary of Transportation, in consulta-  
5 tion with appropriate officials of the Research and  
6 Special Programs Administration of the Department  
7 of Transportation, shall conduct an assessment of  
8 the programs conducted under this section to deter-  
9 mine—

10           “(A) with respect to the programs con-  
11 ducted under this section—

12           “(i) the appropriateness of the infor-  
13 mation provided; and

14           “(ii) the effectiveness of the edu-  
15 cational techniques used; and

16           “(B) in comparison to other similar edu-  
17 cational programs, the relative effectiveness of  
18 educational techniques used in the programs  
19 conducted under this section.

20           “(2) REGULATIONS.—Upon completion of an  
21 assessment conducted under paragraph (1), the Sec-  
22 retary, in consultation with the appropriate officials  
23 of the Research and Special Programs Administra-  
24 tion, shall promulgate such regulations as the Sec-

1       retary determines to be appropriate to improve the  
2       programs conducted under this section.”.

3       (c) STUDY.—The Secretary of Transportation shall  
4       take such action as may be necessary to expedite the com-  
5       pletion of the study conducted by the Research and Spe-  
6       cial Programs Administration of the Department of  
7       Transportation relating to methods to reduce public safety  
8       risks in the siting pipeline facilities. In addition, the scope  
9       of the study referred to in the previous sentence shall be  
10      modified to include the consideration of building stand-  
11      ards. The Secretary of Transportation shall ensure that  
12      the results of the study are widely available to the govern-  
13      ments of States and political subdivisions thereof.

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