

115TH CONGRESS
1ST SESSION

H. R. 301

To require the National Institute of Standards and Technology to establish a premise plumbing research laboratory, and for other purposes.

IN THE HOUSE OF REPRESENTATIVES

JANUARY 5, 2017

Mr. CARTWRIGHT (for himself, Mr. TONKO, Ms. SLAUGHTER, Mr. SERRANO, Ms. NORTON, Mr. QUIGLEY, and Mr. CÁRDENAS) introduced the following bill; which was referred to the Committee on Science, Space, and Technology

A BILL

To require the National Institute of Standards and Technology to establish a premise plumbing research laboratory, 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 “NIST Plumbing Re-
5 search Act of 2017”.

6 **SEC. 2. PREMISE PLUMBING RESEARCH.**

7 Not later than one year after the date of the enact-
8 ment of this Act, the Director of the National Institute

1 of Standards and Technology (in this Act, referred to as
2 “NIST”) shall—

3 (1) establish or designate a laboratory to con-
4 duct research on premise plumbing in relation to
5 water safety, security, efficiency, sustainability, and
6 resilience;

7 (2) conduct an organizational review of all re-
8 search and other activities related to premise plumb-
9 ing conducted by Federal entities; and

10 (3) appoint one or more officers or employees of
11 the National Institute of Standards and Technology
12 to liaise with non-Federal entities conducting re-
13 search or other activities related to premise plumb-
14 ing.

15 **SEC. 3. REPORT.**

16 Not later than 4 years after the date of the enact-
17 ment of this Act, and every 4 years thereafter, the Direc-
18 tor of NIST shall submit to Congress a report on the
19 progress made by NIST regarding—

20 (1) the status of the laboratory described in
21 paragraph (1) of section 2, including any staff des-
22 ignated to work in such laboratory;

23 (2) all projects of NIST related to premise
24 plumbing, including completed projects, projects in
25 progress, and projects planned for the future;

- 1 (3) updates to data relevant to premise plumb-
2 ing system structure, design, and construction; and
3 (4) any progress of private organizations in up-
4 dating premise plumbing standards.

5 **SEC. 4. DEFINITION.**

6 In this Act, the term “premise plumbing” means the
7 water distribution system located within the property lines
8 of a property, including all buildings and permanent struc-
9 tures on such property. Such term includes building sup-
10 ply and distribution pipes, fixtures, fittings, water heaters,
11 water-treating and water-using equipment, and all respec-
12 tive joints, connections, devices, and appurtenances.

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