

**AMENDMENT TO THE COMMITTEE PRINT
OFFERED BY MR. TONKO OF NEW YORK**

At the end of the bill, add the following new sections:

1 **SEC. 11. HAZARDOUS MATERIALS RESEARCH AND DEVELOPMENT.**
2

3 Section 5118 of title 49, United States Code, is
4 amended—

5 (1) in subsection (a)(2)—

6 (A) in subparagraph (A), by striking
7 “and”;

8 (B) in subparagraph (B), by striking the
9 period at the end and inserting “; and” ; and

10 (C) by adding at the end the following new
11 subparagraph:

12 “(C) coordinate, as appropriate, with other
13 Federal agencies, including the National Institute
14 of Standards and Technology, the Department
15 of Homeland Security, and the Department
16 of Energy.”; and

17 (2) by adding at the end the following new sub-
18 section:

19 “(c) COOPERATIVE RESEARCH.—

1 “(1) IN GENERAL.—As part of the program es-
2 tablished in subsection (a), the Secretary may carry
3 out cooperative research on hazardous materials
4 transport.

5 “(2) NATIONAL ACADEMIES.—The Secretary
6 may enter into an agreement with the National
7 Academies to support such research.

8 “(3) RESEARCH.—Research conducted under
9 this subsection may include activities related to—

10 “(A) emergency planning and response, in-
11 cluding information and programs that can be
12 readily assessed and implemented in local juris-
13 dictions;

14 “(B) risk analysis and perception and data
15 assessment;

16 “(C) commodity flow data, including vol-
17 untary collaboration between shippers and first
18 responders for secure data exchange of critical
19 information;

20 “(D) integration of safety and security;

21 “(E) cargo packaging and handling;

22 “(F) hazmat release consequences; and

23 “(G) materials and equipment testing.”.

1 **SEC. 12. WEB-BASED TRAINING FOR EMERGENCY RE-**
2 **SPONDERS.**

3 Section 5115(a) of title 49, United States Code, is
4 amended by inserting “, including online curriculum as ap-
5 propriate,” after “a current curriculum of courses”.

