

AMENDMENT TO H.R. 5303
OFFERED BY MS. ESTY OF CONNECTICUT

At the end of title I, add the following:

1 **SEC. ____ . STUDY ON THE PERFORMANCE OF INNOVATIVE**
2 **MATERIALS.**

3 (a) IN GENERAL.—The Secretary shall commission
4 the Transportation Research Board of the National Acad-
5 emies to conduct a study on the use and performance of
6 innovative materials in water resources development
7 projects carried out by the Corps of Engineers.

8 (b) CONTENTS.—The study commissioned under sub-
9 section (a) shall identify—

10 (1) the capabilities of innovative materials in
11 eliminating corrosion;

12 (2) how innovative materials can allow the
13 Corps of Engineers to better manage the life cycle
14 of water resources infrastructure;

15 (3) barriers to the expanded successful use of
16 innovative materials;

17 (4) recommendations on the incorporation of in-
18 novative materials into the Unified Facilities Guide
19 Specification;

1 (5) suggestions on how greater use of innova-
2 tive materials will increase performance of Corps as-
3 sets as it relates to extended service life;

4 (6) additional ways greater use of innovative
5 materials will empower the Corps to accomplish the
6 goals of its Strategic Plan for Civil Works; and

7 (7) recommendations on any further research
8 needed to improve the capabilities of innovative ma-
9 terials in achieving extended service life and reduced
10 maintenance costs in water resources development
11 infrastructure.

12 (c) PUBLIC COMMENT.—Before commissioning the
13 study under subsection (a), the Administrator shall pro-
14 vide an opportunity for public comment on the study pro-
15 posal.

16 (d) DEADLINE.—The Administrator shall submit to
17 Congress the study commissioned subsection (a) not later
18 than 3 years after the date of enactment of this Act.

19 (e) DEFINITION OF INNOVATIVE MATERIALS.—In
20 this section, the term “innovative material”, with respect
21 to a water resources development project, means roller
22 compacted concrete, geosynthetic materials, reinforced
23 polymer composites, and any other material as determined
24 by the Secretary.

