

AMENDMENT TO RULES COMMITTEE PRINT 116-

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OFFERED BY MS. SLOTKIN OF MICHIGAN

At the end of subtitle B of title III, insert the following:

1 **SEC. 3___.** **NATIONAL ACADEMIES RESEARCH ASSES-**
2 **MENTS ON PFAS.**

3 (a) **RESEARCH ASSESSMENTS OF PFAS EXPOSURE**
4 **AND TOXICITY.—**

5 (1) **AGREEMENT WITH NATIONAL ACAD-**
6 **EMIES.—**Not later than 90 days after the date of
7 the enactment of this Act, the Secretary of Defense
8 and the Administrator of the Environmental Protec-
9 tion Agency, in consultation with the Director of the
10 National Science Foundation, the Director of the
11 National Institutes of Health, and the heads of
12 other Federal agencies with expertise relevant to un-
13 derstanding PFAS exposure and toxicity, shall joint-
14 ly enter into an agreement with the National Acad-
15 emies to conduct a two-phase study and submit re-
16 ports in accordance with this subsection to identify
17 research and development needed to advance human
18 exposure estimation and toxicity and hazard esti-

1 mation of with respect to individual types of PFAS
2 and PFAS as a whole.

3 (2) PHASE I STUDY; REPORT.—

4 (A) STUDY.—The phase I study required
5 to be conducted under paragraph (1) shall in-
6 clude—

7 (i) the consideration of life-cycle infor-
8 mation on the manufacture, use, and dis-
9 posal of PFAS-containing products to
10 identify exposure sources and potential ex-
11 posure pathways for the public;

12 (ii) an evaluation of the fate and
13 transport of PFAS and their breakdown
14 products;

15 (iii) if feasible, an estimate of expo-
16 sure to individual types of PFAS and
17 PFAS as a whole to determine relative
18 source contributions for various exposure
19 pathways (including air, water, soil, and
20 food);

21 (iv) a determination of which types of
22 PFAS are environmentally relevant; and

23 (v) an identification of the research
24 needed to advance exposure estimation to

1 individual types of PFAS and PFAS as a
2 whole.

3 (B) REPORT.—Not later than 270 days
4 after the date on which the agreement described
5 in paragraph (1) is finalized, the National
6 Academies shall—

7 (i) submit to Congress a report con-
8 taining the findings and recommendations
9 of the study described in subparagraph
10 (A); and

11 (ii) make such report available on a
12 publicly accessible website.

13 (3) PHASE II STUDY; REPORT.—

14 (A) STUDY.—The phase II study required
15 to be conducted under paragraph (1) shall in-
16 clude—

17 (i) a review of animal and human tox-
18 icity information on the types of PFAS
19 that are determined to be environmentally
20 relevant under subparagraph (A)(iv) and
21 an approach for conducting a hazard as-
22 sessment of such types of PFAS;

23 (ii) the consideration of whether
24 chemical category-based approaches for as-

1 sessing toxicity would be appropriate for
2 evaluating PFAS as a group; and

3 (iii) an identification of research need-
4 ed to advance toxicity and hazard assess-
5 ment of individual types of PFAS and
6 PFAS as a whole.

7 (B) REPORT.—Not later than 270 days
8 after the date on which the report required
9 under paragraph (2)(B) is submitted to Con-
10 gress, the Secretary of Defense, in coordination
11 with the National Academies, shall—

12 (i) submit to Congress a report con-
13 taining the findings and recommendations
14 of the study described in subparagraph
15 (A); and

16 (ii) make such report available on a
17 publicly accessible website.

18 (b) RESEARCH ASSESSMENT OF MANAGEMENT AND
19 TREATMENT ALTERNATIVES FOR PFAS CONTAMINATION
20 IN ENVIRONMENT.—

21 (1) AGREEMENT WITH NATIONAL ACAD-
22 EMIES.—Not later than 90 days after the date of
23 the enactment of this Act, the Administrator of the
24 Environmental Protection Agency and the Director
25 of the National Science Foundation, in consultation

1 with the Secretary of Defense and the heads of other
2 Federal agencies with expertise relevant to the devel-
3 opment of PFAS alternatives and the management
4 and treatment of PFAS, shall jointly enter into an
5 agreement with the National Academies to conduct
6 a study and submit a report in accordance with this
7 subsection to better understand the research and de-
8 velopment needed to advance the understanding of
9 the extent and implications of environmental con-
10 tamination by PFAS, how to manage and treat such
11 contamination, and the development of safe alter-
12 natives.

13 (2) STUDY.—The study described in paragraph
14 (1) shall include the following:

15 (A) An assessment of the current research
16 to better understand the research and develop-
17 ment needed to advance the understanding of
18 the extent and implications of environmental
19 contamination by PFAS, how to manage and
20 treat such contamination, and the development
21 of safe alternatives

22 (B) A description of the research gaps re-
23 lating to such understanding.

1 (C) Recommendations on how the Federal
2 government can address the research gaps identified pursuant to subparagraph (B).

3
4 (D) Recommendations on how research can
5 best incorporate considerations of socioeconomic
6 issues into the development of research proposals and the conduct of research relating to
7 PFAS.

8
9 (3) REPORT.—Not later than 540 days after
10 the date on which the agreement described in paragraph (1) is finalized, the National Academies
11 shall—
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13 (A) submit to Congress a report containing
14 the findings and recommendations of the study
15 described in paragraph (2); and

16 (B) make such report available on a publicly
17 accessible website.

18 (c) IMPLEMENTATION PLAN.—Not later than 180
19 days after the date on which the report required under
20 subsection (b)(3) is submitted, the Director of the Office
21 of Science and Technology Policy, in coordination with the
22 heads of all relevant Federal agencies, shall submit to
23 Congress an implementation plan for Federal PFAS research, development, and demonstration activities. In preparing such an implementation plan, the Director shall
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1 take into consideration the recommendations included in
2 the reports required under this section.

3 (d) DEFINITIONS.—In this section:

4 (1) The term “National Academies” means the
5 National Academies of Sciences, Engineering, and
6 Medicine.

7 (2) The term “PFAS” means per- and
8 polyfluoroalkyl substances.

