

AMENDMENT TO RULES
COMMITTEE PRINT 119–8
OFFERED BY MR. BILIRAKIS OF FLORIDA

At the end of subtitle C of title VII, add the following new section:

1 **SEC. 7____. ASSESSMENT AND PROGRAM ON USE OF RADI-**
2 **ATION-SHIELDING PERSONAL PROTECTIVE**
3 **EQUIPMENT TO PREVENT OR REDUCE THE**
4 **SEVERITY OF ACUTE RADIATION SYNDROME**
5 **AND ASSOCIATED MORTALITY.**

6 (a) ASSESSMENT.—Not later than 180 days after the
7 date of the enactment of this Act, the Assistant Secretary
8 of Defense for Health Affairs, acting through the Director
9 of the Armed Forces Radiobiology Research Institute,
10 shall submit to the congressional defense committees an
11 assessment of whether targeted protection of bone marrow
12 using gamma radiation-shielding personal protective
13 equipment is likely to reduce the risk of acute radiation
14 syndrome by reducing the severity of radiation-induced
15 health effects, improving survivability in high-dose radi-
16 ation environments, or both.

17 (b) PROGRAM.—If the assessment under subsection
18 (a) finds that protecting bone marrow using gamma radi-

1 ation-shielding personal protective equipment is likely to
2 reduce the risk of acute radiation syndrome by reducing
3 the severity of radiation-induced health effects, improving
4 survivability in high-dose radiation environments, or both,
5 not later than one year after the date of the enactment
6 of this Act, the Secretary of Defense shall develop require-
7 ments and an acquisition plan for the procurement,
8 prepositioning, and maintenance of gamma radiation-
9 shielding personal protective equipment for use by covered
10 personnel.

11 (c) ELEMENTS.—In carrying out the program under
12 subsection (b), the Secretary of Defense shall—

13 (1) develop requirements for the procurement,
14 prepositioning, and maintenance of gamma radi-
15 ation-shielding personal protective equipment de-
16 signed to protect bone marrow;

17 (2) an acquisition plan, including estimated
18 costs, for the procurement, prepositioning, and
19 maintenance of gamma radiation-shielding personal
20 protective equipment designed to protect bone mar-
21 row; and

22 (3) consider, in coordination with the Chairman
23 of the Joint Chiefs of Staff and the commanders of
24 the combatant commands—

1 (A) the number of covered personnel who
2 are deployed in areas in which the use of tac-
3 tical nuclear weapons is a substantial threat;

4 (B) the number of covered personnel who
5 are deployed in areas in which potential nuclear
6 reactor emergencies may pose a substantial
7 threat;

8 (C) the operational requirements of the
9 Department of Defense;

10 (D) appropriate doctrine, training, and
11 operational plans for effective use of such per-
12 sonal protective equipment;

13 (E) a feasible schedule for implementation
14 of the program; and

15 (F) approaches that could complement car-
16 rying out the program on medical counter-
17 measures pursuant to section 734 of the Serv-
18 icemember Quality of Life Improvement and
19 National Defense Authorization Act for Fiscal
20 Year 2025 (Public Law 118–159; 10 U.S.C.
21 1071 note).

22 (d) COVERED PERSONNEL DEFINED.—In this sec-
23 tion, the term “covered personnel” means—

24 (1) members of the Armed Forces deployed ei-
25 ther inside or outside the United States;

1 (2) civilian employees of the Department of De-
2 fense deployed outside the United States; and
3 (3) civilian employees of the Department of De-
4 fense and members of the Armed Forces stationed
5 in the National Capital Region (as defined in section
6 2674 of title 10, United States Code) responsible for
7 the chemical, biological, and nuclear defense mission.

