

**AMENDMENT TO RULES COMMITTEE PRINT 116-**

**19**

**OFFERED BY MR. BLUMENAUER OF OREGON**

At the end of subtitle D of title XVI, add the following new section:

1 **SEC. 16\_\_\_ . INDEPENDENT STUDY ON EXTENSION OF MIN-**  
2 **UTEMAN III INTERCONTINENTAL BALLISTIC**  
3 **MISSILES.**

4 (a) INDEPENDENT STUDY.—

5 (1) REQUIREMENT.—Not later than 30 days  
6 after the date of the enactment of this Act, the Sec-  
7 retary of Defense shall seek to enter into a contract  
8 with a federally funded research and development  
9 center to conduct a study on extending the life of  
10 Minuteman III intercontinental ballistic missiles to  
11 2050.

12 (2) LIMITATION.—Of the funds authorized to  
13 be appropriated by this Act or otherwise made avail-  
14 able for fiscal year 2020 for the Office of the Sec-  
15 retary of Defense, not more than 90 percent may be  
16 obligated or expended until the date on which the  
17 Secretary submits the study under paragraph (1) to

1 the congressional defense committees pursuant to  
2 subsection (d).

3 (b) MATTERS INCLUDED.—The study under sub-  
4 section (a)(1) shall include the following:

5 (1) A comparison of the costs through 2050  
6 of—

7 (A) extending the life of Minuteman III  
8 intercontinental ballistic missiles; and

9 (B) delaying the ground-based strategic  
10 deterrent program.

11 (2) An analysis of opportunities to incorporate  
12 technologies into the Minuteman III intercontinental  
13 ballistic missile program as part of a service life ex-  
14 tension program that could also be incorporated in  
15 the future ground-based strategic deterrent pro-  
16 gram, including, at a minimum, opportunities to in-  
17 crease the resilience against adversary missile de-  
18 fenses.

19 (3) An analysis of the benefits and risks of in-  
20 corporating sensors and nondestructive testing meth-  
21 ods and technologies to reduce destructive testing re-  
22 quirements and increase the service life and number  
23 of Minuteman III missiles through 2050.

24 (4) An analysis and validation of the methods  
25 used to estimate the operational service life of Min-

1 uteman II and Minuteman III motors, taking into  
2 account the test and launch experience of motors re-  
3 tired after the operational service life of such motors  
4 in the rocket systems launch program.

5 (5) An analysis of the risks and benefits of al-  
6 ternative methods of estimating the operational serv-  
7 ice life of Minuteman III motors, such as those  
8 methods based on fundamental physical and chem-  
9 ical processes and nondestructive measurements of  
10 individual motor properties.

11 (c) SUBMISSION TO DOD.—Not later than 180 days  
12 after the date of the enactment of this Act, the federally  
13 funded research and development center shall submit to  
14 the Secretary a report containing the study conducted  
15 under subsection (a)(1).

16 (d) SUBMISSION TO CONGRESS.—Not later than 210  
17 days after the date of the enactment of this Act, the Sec-  
18 retary shall submit to the congressional defense commit-  
19 tees the study under subsection (a)(1), without change.

20 (e) FORM.—The study under subsection (a)(1) shall  
21 be in unclassified form, but may include a classified annex.

