

**AMENDMENT TO THE RULES COMMITTEE PRINT
FOR H.R. 4909
OFFERED BY MR. GRAYSON OF FLORIDA**

At the end of title II of division A, insert the following:

1 SEC. 238. FUSION INNOVATION INITIATIVE.

2 (a) IN GENERAL.—Not later than 6 months after the
3 date of enactment of this Act, the Director of the Defense
4 Advanced Research Projects Agency (referred to in this
5 section as the “Director”), in consultation with the Direc-
6 tor of the Office of Science of the Department of Energy,
7 shall establish a Fusion Innovation Initiative. Under the
8 Initiative, the Director shall issue a competitive, merit-re-
9 viewed funding opportunity announcement to solicit pro-
10 posals for engineering designs for innovative fusion energy
11 systems, including upgrades to existing fusion facilities,
12 which have the potential to demonstrate net energy pro-
13 duction not later than 7 years after the start of construc-
14 tion.

15 (b) APPLICATION REQUIREMENTS.—In order to be
16 eligible to receive an award under this section, an appli-
17 cant shall submit an application to the Director that in-
18 cludes—

1 (1) a detailed cost estimate and schedule for
2 construction of the design, including a summary of
3 any design modifications that would accelerate the
4 achievement of net energy production; and

5 (2) an assessment of the scalability of the de-
6 sign.

7 (c) AWARD AND DESIGN SUBMISSION.—

8 (1) AWARD.—The Director shall review each
9 application submitted under subsection (b) and shall
10 provide awards to applicants with design concepts
11 that the Director considers to have potential based
12 on the criteria described in subsection (a).

13 (2) DESIGN SUBMISSION.—As a condition of re-
14 ceiving such award, the Director shall require any
15 such applicant to submit the design upon which the
16 application is based to the Director not later than
17 18 months after receipt of the award.

18 (d) ASSESSMENT.—The Director shall carry out an
19 assessment of each design submitted under subsection
20 (c)(2) to determine which designs, if any, merit support
21 from the Agency due to their potential to demonstrate net
22 energy production not later than 7 years after the start
23 of construction, and shall—

1 (1) submit the assessment to Congress not later
2 than 30 months after the date of enactment of this
3 Act; and

4 (2) assign top priority to, and provide expedited
5 financial support (to the extent provided in advance
6 in appropriations Acts) for, relevant construction ac-
7 tivities for any design that the Director determines
8 merits such support, based on the project manage-
9 ment practices of the Defense Advanced Research
10 Project Agency.

