

AMENDMENT TO RULES COMMITTEE PRINT 118-

36

OFFERED BY MR. DONALDS OF FLORIDA

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

1 **SEC. 31___ . ACTIVITIES TO DEMONSTRATE THE USE OF**
2 **PORTABLE NUCLEAR TECHNOLOGY TO SUP-**
3 **PORT DISASTER RESPONSE.**

4 (a) **IN GENERAL.**—The Secretary of Defense, in con-
5 sultation with the officials specified in subsection (h), shall
6 conduct dry run exercises to evaluate the feasibility of de-
7 ploying portable nuclear technology to respond to a nat-
8 ural disaster. In carrying out such exercises, the Secretary
9 shall use non-nuclear prototypes to simulate the nuclear
10 technology evaluated under the exercises.

11 (b) **LOCATION.**—The Secretary of Defense shall se-
12 lect one military installation, shipyard, or other facility of
13 the Department of Defense located in the State of Florida
14 at which to commence each exercise conducted under sub-
15 section (a). In selecting locations under this subsection,
16 the Secretary shall consider the feasibility of using Naval
17 Station Mayport as the location for one or more of the
18 exercises.

1 (c) STRATEGY.—The Secretary of Defense shall de-
2 velop a strategy for conducting the exercises required
3 under subsection (a). The strategy shall provide for the
4 following:

5 (1) Initial selection of portable nuclear tech-
6 nology, including one portable land-based nuclear
7 technology and one portable marinized nuclear tech-
8 nology.

9 (2) Storing such portable nuclear technology at
10 the selected location in the State of Florida.

11 (3) Transporting such portable nuclear tech-
12 nology.

13 (4) Deploying and operating such portable nu-
14 clear technology to assist with natural disaster re-
15 sponse efforts.

16 (5) Transporting such portable nuclear tech-
17 nology back to the location that the Secretary selects
18 to house such technology.

19 (6) Collaboration with the Governor of Florida
20 to identify locations in the State that are likely to
21 be impacted by a natural disaster, such as a hurri-
22 cane.

23 (7) Deploying a non-nuclear prototype to one or
24 more locations identified under paragraph (6).

25 (8) Using the exercise—

1 (A) to determine potential logistical chal-
2 lenges associated with deploying portable nu-
3 clear reactors (both land-based and marinized
4 based) to respond to the impacts of a natural
5 disaster;

6 (B) to determine potential regulatory chal-
7 lenges associated with deploying such portable
8 nuclear reactors; and

9 (C) to determine any other factors and
10 considerations that may be relevant to efforts to
11 deploy portable nuclear technology to respond
12 to a natural disaster.

13 (d) SPECIFIC EXERCISES.—The Secretary of Defense
14 shall conduct exercises under subsection (a) as follows:

15 (1) The Secretary shall conduct an initial exer-
16 cise at a location selected by the Secretary under
17 subsection (b).

18 (2) Following completion of the first exercise.
19 the Secretary shall conduct a second exercise at a
20 different strategic location, as determined by the
21 Secretary, which shall build upon lessons learned
22 from the initial exercise.

23 (3) Following completion of the first and second
24 exercises, the Secretary shall conduct a second

1 iteration of each such exercise to build upon lessons
2 learned.

3 (e) REPORT TO CONGRESS.—Following completion of
4 the four exercises described in subsection (d), the Sec-
5 retary of Defense shall submit to the congressional defense
6 committees a report that—

7 (1) describes the exercises;

8 (2) identifies any lessons learned from the exer-
9 cises; and

10 (3) based on the results of such exercises, in-
11 cludes recommendations for improving the ability of
12 the Department of Defense to deploy portable nu-
13 clear technology in response to a natural disaster.

14 (f) FULL SCALE EXERCISES.—After submitting the
15 report required under subsection (e), the Secretary of De-
16 fense shall carry out activities to demonstrate the deploy-
17 ment of portable nuclear technology (both land-based and
18 marinized) using actual, working nuclear technology in-
19 stead of the non-nuclear prototypes used in the exercises
20 conducted under subsection (d).

21 (g) REGULATIONS.—Following completion of the ac-
22 tivities described in subsections (a) through (f), the Sec-
23 retary of Defense, in coordination with the officials speci-
24 fied in subsection (h) (as appropriate), shall develop and
25 implement regulations to allow for the expedited deploy-

1 ment of portable nuclear technology to assist in respond-
2 ing natural disasters. In developing such regulations, the
3 Secretary shall consider—

4 (1) the results of the exercises and demonstra-
5 tion activities conducted under this section;

6 (2) the types of portable nuclear technology
7 that should be used to support disaster response ef-
8 forts;

9 (3) the potential benefits of storing portable nu-
10 clear energy technology (both land-based and
11 marinized-based) at a facility of the Department of
12 Defense in preparation for natural disaster response
13 efforts;

14 (4) the potential benefits of retrofitting electric-
15 drive vessels with reactors developed under the
16 Project Pele initiative to provide advanced nuclear
17 power.

18 (h) OFFICIALS SPECIFIED.—The officials specified in
19 this subsection are—

20 (1) the Governor of the State of Florida;

21 (2) the Secretary of Energy;

22 (3) the head of the Nuclear Reactor Innovation
23 Center of the Department of Energy;

24 (4) the Administrator of the Maritime Adminis-
25 tration of the Department of Transportation;

1 (5) the Administrator of the Federal Emer-
2 gency Management Agency;
3 (6) the Chief of Engineers of the Army;
4 (7) the Nuclear Regulatory Commission; and
5 (8) the heads of such other departments and
6 agencies of the Federal Government as the Secretary
7 of Defense determines appropriate.

