

AMENDMENT TO H.R. 8800
OFFERED BY MR. HARRIGAN OF NORTH
CAROLINA

At the appropriate place in title III, insert the following new section:

1 **SEC. 3___ . PROGRAM FOR DEPLOYMENT OF TRANSPORT-**
2 **ABLE NUCLEAR MICROREACTOR IN AREA OF**
3 **RESPONSIBILITY OF THE UNITED STATES**
4 **INDO-PACIFIC COMMAND.**

5 (a) ESTABLISHMENT.—Not later than 90 days after
6 the date of the enactment of this Act, the Secretary of
7 Defense shall commence the conduct of a program for the
8 deployment, operation, and evaluation of a transportable
9 nuclear microreactor in the area of responsibility of the
10 United States Indo-Pacific Command.

11 (b) DESIGNATION.—The program under subsection
12 (a) shall be known as the “Operational Energy Deployable
13 Nuclear Power Program”.

14 (c) LEADERSHIP AND COORDINATION.—

15 (1) EXECUTIVE AGENT.—The Secretary of De-
16 fense shall designate the Assistant Secretary of the
17 Army for Installations, Energy, and Environment as
18 the Department of Defense executive agent for car-

1 rying out the program under subsection (a) and en-
2 suring budget accountability for such program.

3 (2) COORDINATION.—In carrying out the pro-
4 gram under subsection (a), the Assistant Secretary
5 designated pursuant to paragraph (1) shall coordi-
6 nate with—

7 (A) the Commander of United States Indo-
8 Pacific Command, who shall be responsible for
9 validating operational requirements under the
10 program, the demonstration of technologies to
11 be deployed under the program, and the oper-
12 ational use of such technologies; and

13 (B) as appropriate, the Secretary of En-
14 ergy and the Chairman of the Nuclear Regu-
15 latory Commission, for the purpose of ensuring
16 the deployment and operation of any nuclear
17 microreactor under the program is carried out
18 in a manner that is safe, secure, and in compli-
19 ance with applicable requirements of the De-
20 partment of Energy and the Nuclear Regu-
21 latory Commission, respectively.

22 (d) OBJECTIVES.—The objective of the program
23 under subsection (a) shall be to deploy and operate, by
24 not later than January 1, 2030, a transportable nuclear
25 microreactor in support of distributed and expeditionary

1 operations in contested logistics environments within the
2 area of responsibility of the United States Indo-Pacific
3 Command, with a priority for deployment in such an envi-
4 ronment within the Western Pacific area.

5 (e) REQUIRED ACTIVITIES.—The activities of the
6 program under subsection (a) shall include the following:

7 (1) The validation of operational requirements
8 of the United States Indo-Pacific Command with re-
9 spect to the transportable nuclear microreactor to be
10 deployed under the program, and the integration of
11 such nuclear microreactor with expeditionary and
12 dispersed power architectures in the area of respon-
13 sibility of such Command.

14 (2) The development and implementation of a
15 plan for the test and evaluation of such nuclear
16 microreactor, including with respect to sustainment,
17 safety, cybersecurity, and physical security require-
18 ments.

19 (3) The conduct of joint operational demonstra-
20 tions with the United States Indo-Pacific Command
21 in connection with not fewer than one major exercise
22 within the area of responsibility of such Command,
23 to evaluate the deployment, integration,
24 sustainment, survivability, and operational use of
25 such nuclear microreactor under realistic conditions.

1 (f) BUDGET MECHANISM.—Beginning with respect to
2 fiscal year 2028, the Secretary of Defense shall establish
3 a dedicated program element, or equivalent budget mecha-
4 nism, for the program under subsection (a), including to
5 support the transition of technologies under such program
6 from demonstration to operational capability.

7 (g) NUCLEAR MICROREACTOR DEFINED.—In this
8 section, the term “nuclear microreactor” means a nuclear
9 reactor with a rated electric generating capacity of not
10 greater than 50 megawatts.

