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(Original Signature of Member)

115TH CONGRESS  
2D SESSION

# H. R. 6141

To require the Secretary of Energy to develop a report on a pilot program to site, construct, and operate micro-reactors at critical national security locations, and for other purposes.

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## IN THE HOUSE OF REPRESENTATIVES

Mr. WILSON of South Carolina (for himself, Mr. NORCROSS, Mr. HUDSON, and Mr. PETERS) introduced the following bill; which was referred to the Committee on \_\_\_\_\_

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## A BILL

To require the Secretary of Energy to develop a report on a pilot program to site, construct, and operate micro-reactors at critical national security locations, and for other purposes.

1 *Be it enacted by the Senate and House of Representa-*  
2 *tives of the United States of America in Congress assembled,*

3 **SECTION 1. REPORT ON PILOT PROGRAM FOR MICRO-RE-**  
4 **ACTORS.**

5 (a) REPORT REQUIRED.—Not later than 12 months  
6 after the date of enactment of this Act, the Secretary of

1 Energy shall develop and submit to the Committee on  
2 Armed Services and the Committee on Energy and Com-  
3 merce in the House of Representatives and the Committee  
4 on Armed Services and the Committee on Energy and  
5 Natural Resources in the Senate a report describing the  
6 requirements for, and components of, a pilot program to  
7 provide energy resilience for critical national security in-  
8 frastructure at Department of Defense and Department  
9 of Energy facilities by contracting with a commercial enti-  
10 ty to site, construct, and operate at least one licensed  
11 micro-reactor at a facility identified under the report by  
12 December 31, 2027.

13 (b) CONSULTATION.—As necessary to develop the re-  
14 port required under subsection (a), the Secretary of En-  
15 ergy shall consult with—

- 16 (1) the Secretary of Defense;
- 17 (2) the Nuclear Regulatory Commission; and
- 18 (3) the Administrator of the General Services  
19 Administration.

20 (c) CONTENTS.—The report required under sub-  
21 section (a) shall include—

- 22 (1) identification of potential locations to site,  
23 construct, and operate a licensed micro-reactor at a  
24 Department of Defense or Department of Energy fa-  
25 cility that contains critical national security infra-

1 structure that the Secretary of Energy determines  
2 may not be energy resilient;

3 (2) assessments of different nuclear tech-  
4 nologies to provide energy resiliency for critical na-  
5 tional security infrastructure;

6 (3) a survey of potential commercial stake-  
7 holders with which to enter into a contract under the  
8 pilot program to construct and operate a licensed  
9 micro-reactor;

10 (4) options to enter into long-term contracting  
11 for electricity acquisition and reactor operations, in-  
12 cluding various financial mechanisms for such pur-  
13 pose;

14 (5) identification of requirements for licensed  
15 micro-reactors to provide energy resilience to mis-  
16 sion-critical functions at facilities identified under  
17 paragraph (1);

18 (6) an estimate of the costs of the pilot pro-  
19 gram;

20 (7) a timeline with milestones for the pilot pro-  
21 gram;

22 (8) an analysis of the existing authority of the  
23 Department of Energy, Nuclear Regulatory Commis-  
24 sion, and Department of Defense to enable the

1 siting, construction, and operation of a licensed  
2 micro-reactor; and

3 (9) recommendations for any legislative changes  
4 to the authorities analyzed under paragraph (8) nec-  
5 essary for the Department of Energy, Nuclear Regu-  
6 latory Commission, or the Department of Defense to  
7 enable the siting, construction, and operation of a li-  
8 censed micro-reactor.

9 (d) DEFINITIONS.—In this section:

10 (1) CRITICAL NATIONAL SECURITY INFRA-  
11 STRUCTURE.—The term “critical national security  
12 infrastructure” means any site or installation that  
13 the Secretary of Energy or the Secretary of Defense  
14 determines supports mission-critical functions of the  
15 national security enterprise.

16 (2) LICENSED.—The term “licensed” means  
17 holding a license under section 103 or 104 of the  
18 Atomic Energy Act of 1954.

19 (3) MICRO-REACTOR.—The term “micro-reac-  
20 tor” means a nuclear reactor that has a thermal  
21 power production capacity that is not greater than  
22 50 megawatts.

23 (4) PILOT PROGRAM.—The term “pilot pro-  
24 gram” means the pilot program described in sub-  
25 section (a).

1           (e) FORM.—The report required under subsection (a)  
2 shall be submitted in unclassified form, but, if the Sec-  
3 retary of Energy determines it necessary, may include a  
4 classified appendix.

5           (f) LIMITATIONS.—This Act does not authorize the  
6 Department of Energy or Department of Defense to enter  
7 into a contract with respect to the pilot program.