

119TH CONGRESS
1ST SESSION

H. R. 6805

To amend the Energy Policy Act of 2005 to expand the scope of the advanced reactor demonstration program to test and develop fourth-generation nuclear reactors, small modular reactors, and micro-reactors, and for other purposes.

IN THE HOUSE OF REPRESENTATIVES

DECEMBER 17, 2025

Mr. MOORE of North Carolina introduced the following bill; which was referred to the Committee on Science, Space, and Technology

A BILL

To amend the Energy Policy Act of 2005 to expand the scope of the advanced reactor demonstration program to test and develop fourth-generation nuclear reactors, small modular reactors, and micro-reactors, 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. SHORT TITLE.**

4 This Act may be cited as the “Next Generation Nu-
5 clear Deployment Act”.

1 **SEC. 2. ADVANCED REACTOR DEMONSTRATION PROGRAM.**

2 (a) ESTABLISHMENT.—Section 959A(b) of the En-
3 ergy Policy Act of 2005 (42 U.S.C. 16279a(b)) is amend-
4 ed—

5 (1) by redesignating paragraphs (2) and (3) as
6 paragraphs (3) and (4); and

7 (2) by inserting after paragraph (1), the fol-
8 lowing:

9 “(2) prioritizing testing and development of, on
10 at least 10 different sites, advanced reactor designs
11 of which one shall be a specialized micro-reactor de-
12 scribed in subparagraph (C), including—

13 “(A) fourth-generation nuclear reactors,
14 such as sodium-cooled fast reactors, high-tem-
15 perature gas-cooled reactors, and molten salt
16 reactors;

17 “(B) small modular reactors and factory-
18 produced nuclear reactors with a generation ca-
19 pacity of not more than 500 megawatts of elec-
20 tricity; and

21 “(C) specialized micro-reactors that are—

22 “(i) capable of producing up to 10
23 megawatts of electricity; and

24 “(ii) designed for deployment in re-
25 mote locations or for specialized applica-
26 tions;”.

1 (b) DEMONSTRATION PROJECTS.—Section 959A(c)
2 of the Energy Policy Act of 2005 (42 U.S.C. 16279a(c))
3 is amended—

4 (1) in paragraph (9)(C), by striking “and” at
5 the end;

6 (2) in paragraph (10)(F), by striking the period
7 at the end and inserting “; and”; and

8 (3) by adding at the end the following:

9 “(11) test and develop an advanced reactor de-
10 sign, as described in subsection (b)(2), on any site
11 regardless of whether it is owned or operated by the
12 Department of Energy.”.

13 (c) PRIVATE SECTOR PARTNERSHIPS.—The Sec-
14 retary of Energy shall seek to enter into cost-sharing ar-
15 rangements with private industry and research institutions
16 to enhance the effectiveness and reach of testing and de-
17 veloping of advanced nuclear designs under section
18 959A(b)(2) of the Energy Policy Act of 2005 (42 U.S.C.
19 16279a(b)), as amended by subsection (a).

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