

118TH CONGRESS
1ST SESSION

H. R. 3487

To expand an advanced nuclear technologies Federal financial assistance program to provide assistance to support licensing and construction of advanced nuclear reactors and associated supply chain infrastructure, and for other purposes.

IN THE HOUSE OF REPRESENTATIVES

MAY 18, 2023

Mr. DONALDS introduced the following bill; which was referred to the Committee on Energy and Commerce, and in addition to the Committee on Science, Space, and Technology, for a period to be subsequently determined by the Speaker, in each case for consideration of such provisions as fall within the jurisdiction of the committee concerned

A BILL

To expand an advanced nuclear technologies Federal financial assistance program to provide assistance to support licensing and construction of advanced nuclear reactors and associated supply chain infrastructure, 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 “Advanced Nuclear
5 Support Act”.

1 **SEC. 2. ADVANCED NUCLEAR TECHNOLOGIES FEDERAL FI-**
2 **NANCIAL ASSISTANCE PROGRAM.**

3 Section 10781 of the Public Law 117–167 is amend-
4 ed—

5 (1) by striking “**RESEARCH, DEVELOPMENT,**
6 **AND DEMONSTRATION**” and inserting “**FINAN-**
7 **CIAL ASSISTANCE**”;

8 (2) in subsection (b)(1)—

9 (A) by striking “to support” and inserting
10 “to support—”; and

11 (B) by striking “the research, development,
12 and demonstration of advanced nuclear reac-
13 tors.” and inserting the following:

14 “(A) the research, development, and dem-
15 onstration of advanced nuclear reactors; and

16 “(B) the commercial planning for, and li-
17 censing and construction of, advanced nuclear
18 reactors, and supply chain infrastructure associ-
19 ated with advanced nuclear reactors, includ-
20 ing—

21 “(i) planning for, and licensing and
22 construction of, transmission and distribu-
23 tion systems;

24 “(ii) modernization of generation fa-
25 cilities;

26 “(iii) development of microgrids;

1 “(iv) planning for, and licensing and
2 construction of, infrastructure for nonelec-
3 tric applications; and

4 “(v) acquisition of relevant rights-of-
5 way.”;

6 (3) in subsection (d)(1), by striking “, including
7 multi-unit facilities that are partially shut down”
8 and inserting “(including multi-unit facilities that
9 are partially shut down), including projects involving
10 analysis, planning, and, as appropriate, management
11 of environmental issues at such fossil fuel electric
12 generation facilities”;

13 (4) in subsection (d)—

14 (A) in paragraph (1)—

15 (i) in subparagraph (A), by striking
16 “and” after the semicolon;

17 (ii) in subparagraph (B), by inserting
18 “and” after the semicolon; and

19 (iii) by adding at the end the fol-
20 lowing:

21 “(C) to reduce the cost of—

22 “(i) infrastructure requirements;

23 “(ii) transmission requirements; and

24 “(iii) licensing and permitting require-
25 ments;”;

1 (B) in paragraph (2)(G), by striking
2 “and”;

3 (C) in paragraph (3), by striking “relating
4 to the research, development, and demonstra-
5 tion of advanced nuclear reactors.” and insert-
6 ing “described in this section;”; and

7 (D) by adding at the end the following:

8 “(4) plan to support supply chain infrastruc-
9 ture, including manufacturing, associated with ad-
10 vanced nuclear reactors; and

11 “(5) plan to be cost competitive.”;

12 (5) by redesignating subsections (e) and (f) as
13 subsections (f) and (g), respectively; and

14 (6) by inserting after subsection (d) the fol-
15 lowing:

16 “(e) SECONDARY PRIORITY.—In selecting eligible en-
17 tities to receive Federal financial assistance under the pro-
18 gram, the Secretary shall, after giving priority to eligible
19 entities as described in subsection (d), give priority to eli-
20 gible entities that plan to—

21 “(1) develop or provide services to support—

22 “(A) market analysis, including financing
23 options within the market;

24 “(B) project structure models;

1 “(C) models for electricity market analysis;
2 or
3 “(D) site planning, review, testing, anal-
4 ysis, and preparation for an advanced nuclear
5 reactor; and
6 “(2) support licensing activities, permitting,
7 and environmental impact studies.”.

8 **SEC. 3. WORKFORCE CAPACITY BUILDING.**

9 Section 954(b) of the Energy Policy Act of 2005 (42
10 U.S.C. 16274(b)) is amended—

11 (1) in the subsection heading, by striking
12 “GRADUATE”;

13 (2) by striking “graduate” each place it ap-
14 pears;

15 (3) in paragraph (2)(A), by inserting “commu-
16 nity colleges, trade schools, registered apprenticeship
17 programs, pre-apprenticeship programs,” after “uni-
18 versities,”;

19 (4) in paragraph (3), by striking “2021
20 through 2025” and inserting “2023 through 2027”;

21 (5) by redesignating paragraph (3) as para-
22 graph (4); and

23 (6) by inserting after paragraph (2) the fol-
24 lowing:

1 “(3) FOCUS AREAS.—In carrying out the sub-
2 program under this subsection, the Secretary may
3 implement traineeships in focus areas that, in the
4 determination of the Secretary, are necessary to sup-
5 port the nuclear energy sector in the United States,
6 including—

7 “(A) research and development;

8 “(B) construction and operation;

9 “(C) associated supply chains; and

10 “(D) workforce training and retraining to
11 support transitioning workforces.”.

○