

117TH CONGRESS
2D SESSION

H. R. 6618

To authorize the Secretary of Energy to make awards to cover regulatory costs relating to licensing certain first-of-a-kind advanced nuclear reactors.

IN THE HOUSE OF REPRESENTATIVES

FEBRUARY 7, 2022

Mr. CURTIS introduced the following bill; which was referred to the Committee on Energy and Commerce

A BILL

To authorize the Secretary of Energy to make awards to cover regulatory costs relating to licensing certain first-of-a-kind advanced nuclear reactors.

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 Re-
5 actor Prize Act”.

6 **SEC. 2. ADVANCED NUCLEAR REACTOR PRIZES.**

7 Section 103 of the Nuclear Energy Innovation and
8 Modernization Act (Public Law 115–439; 132 Stat. 5571)
9 is amended by adding at the end the following:

1 “(f) PRIZE FOR ADVANCED NUCLEAR REACTOR LI-
2 CENSING.—

3 “(1) PRIZE FOR ADVANCED NUCLEAR REACTOR
4 LICENSING.—

5 “(A) IN GENERAL.—Subject to the avail-
6 ability of appropriations, the Secretary may
7 make, with respect to each award category de-
8 scribed in subparagraph (C), an award in the
9 amount described in subparagraph (B) to the
10 first non-Federal entity to which the Commis-
11 sion issues—

12 “(i) an operating license for an ad-
13 vanced nuclear reactor under part 50 of
14 title 10, Code of Federal Regulations (or
15 any successor regulation), for which a li-
16 cense has not been issued by the Commis-
17 sion as of the date of enactment of this
18 subsection; or

19 “(ii) a finding required under section
20 52.103(g) of title 10, Code of Federal Reg-
21 ulations (or any successor regulation), with
22 respect to a combined license for an ad-
23 vanced nuclear reactor—

1 “(I) that is issued under subpart
2 C of part 52 of such title (or any suc-
3 cessor regulation); and

4 “(II) for which a license has not
5 been issued by the Commission as of
6 the date of enactment of this sub-
7 section.

8 “(B) AMOUNT OF AWARD.—Except as pro-
9 vided in paragraph (2), an award made under
10 subparagraph (A) shall be equal to the total
11 amount assessed by the Commission and col-
12 lected under section 102(b)(2) from the entity
13 receiving the award for costs relating to the
14 issuance of the license described in that sub-
15 paragraph, including, as applicable, costs relat-
16 ing to the issuance of an associated construc-
17 tion permit (as described in section 50.23 of
18 title 10, Code of Federal Regulations (or any
19 successor regulation)) or early site permit (as
20 defined in section 52.1 of that title (or any suc-
21 cessor regulation)).

22 “(C) AWARD CATEGORIES.—The award
23 categories described in this subparagraph are
24 the following:

1 “(i) The first advanced nuclear reac-
2 tor for which the Commission issues—

3 “(I) a license in accordance with
4 clause (i) of subparagraph (A); or

5 “(II) a finding in accordance
6 with clause (ii) of that subparagraph.

7 “(ii) An advanced nuclear reactor
8 that—

9 “(I) uses isotopes derived from
10 spent nuclear fuel (as defined in sec-
11 tion 2 of the Nuclear Waste Policy
12 Act of 1982 (42 U.S.C. 10101)) or
13 depleted uranium as fuel for the ad-
14 vanced nuclear reactor; and

15 “(II) is the first advanced nu-
16 clear reactor described in subclause
17 (I) for which the Commission issues—

18 “(aa) a license in accordance
19 with clause (i) of subparagraph
20 (A); or

21 “(bb) a finding in accord-
22 ance with clause (ii) of that sub-
23 paragraph.

24 “(iii) An advanced nuclear reactor
25 that—

1 “(I) operates to generate elec-
2 tricity or high temperature process
3 heat for nonelectric applications; and

4 “(II) is the first advanced nu-
5 clear reactor described in subclause
6 (I) for which the Commission issues—

7 “(aa) a license in accordance
8 with clause (i) of subparagraph
9 (A); or

10 “(bb) a finding in accord-
11 ance with clause (ii) of that sub-
12 paragraph.

13 “(2) FEDERAL FUNDING LIMITATION.—An
14 award made under this subsection may not exceed
15 the amount that is equal to—

16 “(A) the total amount expended by the
17 non-Federal entity with respect to licensing
18 costs relating to the license for which the award
19 is made; less

20 “(B) the amount that is equal to—

21 “(i) any expenditures made with Fed-
22 eral funds for the applicable project; plus

1 “(ii) the minimum cost-share required
2 under section 988 of the Energy Policy Act
3 of 2005 (42 U.S.C. 16352).”.

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