

117TH CONGRESS
1ST SESSION

H. R. 3995

To direct the Secretary of Energy to submit to Congress a report on the global nuclear leadership of the United States.

IN THE HOUSE OF REPRESENTATIVES

JUNE 17, 2021

Mr. GONZALEZ of Ohio (for himself and Mrs. LURIA) introduced the following bill; which was referred to the Committee on Foreign Affairs, and in addition to the Committee on Energy and Commerce, 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 direct the Secretary of Energy to submit to Congress a report on the global nuclear leadership of the United States.

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 “Twenty-First Century
5 Nuclear Security Act”.

1 **SEC. 2. REPORT ON GLOBAL NUCLEAR LEADERSHIP OF**
2 **THE UNITED STATES.**

3 (a) REQUIREMENT.—Not later than one year after
4 the date of the enactment of this Act, the Secretary of
5 Energy, in consultation with the Secretary of State, the
6 Secretary of Defense, the Chairman of the Nuclear Regu-
7 latory Commission, and the Secretary of Commerce, shall
8 submit to the appropriate congressional committees a re-
9 port analyzing—

10 (1) the opportunities for advancing the interests
11 of the United States with respect to global nuclear
12 safety, nuclear security, and nuclear nonprolifera-
13 tion; and

14 (2) the risks to such interests of the United
15 States, and the risks to wider foreign policy influ-
16 ence by the United States, posed by the dominance
17 of Russia in the global nuclear energy market and
18 the increasing supply by China to such market.

19 (b) MATTERS INCLUDED.—The report under sub-
20 section (a) shall include the following:

21 (1) An assessment of the historical role of civil
22 nuclear cooperation agreements and supply arrange-
23 ments made pursuant to the Atomic Energy Act of
24 1954 (42 U.S.C. 2011 et seq.) in influencing the
25 policies and practices of foreign governments con-
26 cerning nuclear safety, nuclear security, and nuclear

1 nonproliferation, and the wider foreign policy inter-
2 ests, including—

3 (A) a description of possible opportunities
4 for using nuclear cooperation agreements and
5 related exports to improve nuclear safety, nu-
6 clear security, and nuclear nonproliferation, and
7 the foreign policy interests of the United States;

8 (B) a description of potential risks associ-
9 ated with such agreements and nuclear exports;
10 and

11 (C) a description of the potential market
12 for small and advanced reactor technologies.

13 (2) An assessment of the competitiveness of the
14 United States against Russia and China in the glob-
15 al nuclear energy market, including—

16 (A) a comparison of nuclear reactor re-
17 search and design by Russia and China with
18 analogous research and design by the United
19 States;

20 (B) a comparison of the ability of Russia
21 and China to produce and export nuclear tech-
22 nology with analogous abilities of the United
23 States;

1 (C) a description of the factors enabling
2 progress made by Russia and China regarding
3 civil nuclear technology;

4 (D) a comparison of the export policies of
5 the United States with regard to civil nuclear
6 technology, including the role, if any, of finan-
7 cial support, with such policies of Russia and
8 China;

9 (E) a list of specific reactor designs, in-
10 cluding fuel characteristics, that Russia and
11 China have offered for export; and

12 (F) details of any agreements made by
13 Russia or China for exporting nuclear tech-
14 nology, including the duration, purchase price,
15 potential profitability, any provisions regarding
16 spent fuel take back, related regulatory support,
17 and any other elements that compromise a com-
18 petitive offer.

19 (3) An assessment, if applicable, of the means
20 by which Russia or China uses foreign-origin dual-
21 use nuclear technology for military purposes.

22 (4) Recommendations for regulatory or legisla-
23 tive actions for developing a robust free-enterprise
24 response designed to improve the competitiveness of

1 the United States in the global nuclear energy mar-
2 ket.

3 (c) APPROPRIATE CONGRESSIONAL COMMITTEES DE-
4 FINED.—In this section, the term “appropriate congres-
5 sional committees” means—

6 (1) the congressional defense committees (as
7 defined in section 101(a)(16) of title 10, United
8 States Code);

9 (2) the Committee on Energy and Natural Re-
10 sources, the Committee on Foreign Relations, and
11 the Select Committee on Intelligence of the Senate;
12 and

13 (3) the Committee on Energy and Commerce,
14 the Committee on Foreign Affairs, and the Perma-
15 nent Select Committee on Intelligence of the House
16 of Representatives.

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