

Calendar No. 604

117TH CONGRESS
2D SESSION**S. 4064**

To facilitate the development of a whole-of-government strategy for nuclear cooperation and nuclear exports.

IN THE SENATE OF THE UNITED STATES

APRIL 7, 2022

Mr. MANCHIN (for himself and Mr. RISCH) introduced the following bill; which was read twice and referred to the Committee on Foreign Relations

DECEMBER 7, 2022

Reported by Mr. MENENDEZ, with an amendment

[Strike out all after the enacting clause and insert the part printed in *italie*]**A BILL**

To facilitate the development of a whole-of-government strategy for nuclear cooperation and nuclear exports.

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 “International Nuclear
5 Energy Act of 2022”.

6 **SEC. 2. DEFINITIONS.**

7 In this Act:

(1) ~~ADVANCED NUCLEAR REACTOR.~~—The term “advanced nuclear reactor” has the meaning given the term in section 951(b) of the Energy Policy Act of 2005 (42 U.S.C. 16271(b)).

(2) ~~ALLY OR PARTNER NATION.~~—The term “ally or partner nation” means the Government of each of the following:

(A) A country that is a member of the North Atlantic Treaty Organization.

(B) Japan.

(C) The Republic of Korea.

(D) Australia.

(E) Switzerland.

(F) Sweden.

(G) Finland.

(H) Any other country designated as an ally or partner nation by the Secretary of State for purposes of this Act.

(3) ~~ASSISTANT.~~—The term “Assistant” means the Assistant to the President and Director for Nuclear Energy Policy described in section 3(a)(3)(A).

(4) ~~ASSOCIATED ENTITY.~~—The term “associated entity” means an entity that—

(A) is owned, controlled, or dominated by—

1 (i) an ally or partner nation; or

2 (ii) an associated individual; or

3 (B) is organized under the laws of, or oth-
 4 erwise subject to the jurisdiction of, a country
 5 described in any of subparagraphs (A) through
 6 (H) of paragraph (2); including a corporation
 7 that is incorporated in a country described in
 8 any of those subparagraphs.

9 (5) ASSOCIATED INDIVIDUAL.—The term “asso-
 10 ciated individual” means an alien who is a national
 11 of a country described in any of subparagraphs (A)
 12 through (H) of paragraph (2).

13 (6) CENTER.—The term “Center” means the
 14 Advanced Reactor Coordination and Resource Cen-
 15 ter established under section 11.

16 (7) EMBARKING CIVIL NUCLEAR ENERGY NA-
 17 TION.—The term “embarking civil nuclear energy
 18 nation” means a country that—

19 (A) does not have a civil nuclear program;

20 (B) is in the process of developing or ex-
 21 panding a civil nuclear program, including safe-
 22 guards and a legal and regulatory framework,
 23 for—

24 (i) nuclear safety;

25 (ii) nuclear security;

- 1 (iii) radioactive waste management;
- 2 (iv) civil nuclear energy;
- 3 (v) nuclear liability; or
- 4 (vi) advanced nuclear reactor licens-
- 5 ing; or

6 (C) is in the process of selecting, devel-

7 oping, constructing, or utilizing advanced light

8 water reactors, advanced nuclear reactors, or

9 advanced nuclear technologies.

10 ~~(8) HIGH-ASSAY LOW-ENRICHED URANIUM.—~~

11 The term “high-assay low-enriched uranium” has

12 the meaning given the term in section 2001(d) of

13 the Energy Act of 2020 (42 U.S.C. 16281(d)).

14 ~~(9) LOW-ENRICHED URANIUM.—The term “low-~~

15 ~~enriched uranium” means each of—~~

16 ~~(A) low-enriched uranium (as defined in~~

17 ~~section 3102 of the USEC Privatization Act~~

18 ~~(42 U.S.C. 2297h)); and~~

19 ~~(B) low-enriched uranium (as defined in~~

20 ~~section 3112A(a) of that Act (42 U.S.C.~~

21 ~~2297h–10a(a))).~~

22 ~~(10) NATIONAL STRATEGIC URANIUM RE-~~

23 ~~SERVE.—The term “National Strategic Uranium Re-~~

24 ~~serve” means the National Strategic Uranium Re-~~

25 ~~serve established under section 16(c)(1)(A).~~

(11) NUCLEAR SAFETY.—The term “nuclear safety” means issues relating to—

(A) the safe operation of nuclear reactors and other nuclear facilities;

(B) radiological protection of—

(i) members of the public;

(ii) workers; and

(iii) the environment;

(C) nuclear waste management;

(D) emergency preparedness;

(E) nuclear liability; and

(F) the safe transportation of nuclear materials.

(12) SECRETARY.—The term “Secretary” means the Secretary of Energy.

(13) SPENT NUCLEAR FUEL.—The term “spent nuclear fuel” has the meaning given the term in section 2 of the Nuclear Waste Policy Act of 1982 (42 U.S.C. 10101).

(14) TEAM USA.—The term “Team USA” means the interagency initiative to identify opportunities in emerging economies, embarking civil nuclear energy nations, and ally or partner nations for topics such as—

(A) nuclear plant construction;

- 1 ~~(B)~~ nuclear fuel services;
- 2 ~~(C)~~ nuclear energy financing;
- 3 ~~(D)~~ nuclear plant operations;
- 4 ~~(E)~~ nuclear plant regulation;
- 5 ~~(F)~~ nuclear medicine;
- 6 ~~(G)~~ infrastructure support for nuclear en-
- 7 ergy;
- 8 ~~(H)~~ nuclear plant decommissioning;
- 9 ~~(I)~~ nuclear liability;
- 10 ~~(J)~~ storage and disposal of spent nuclear
- 11 fuel; and
- 12 ~~(K)~~ technology related to the matters de-
- 13 scribed in subparagraphs ~~(A)~~ through ~~(J)~~.
- 14 ~~(15)~~ U.S. NUCLEAR ENERGY COMPANY.—The
- 15 term “U.S. nuclear energy company” means a com-
- 16 pany that—
- 17 ~~(A)~~ is organized under the laws of, or oth-
- 18 erwise subject to the jurisdiction of, the United
- 19 States; and
- 20 ~~(B)~~ is involved in the nuclear energy indus-
- 21 try.

22 **SEC. 3. CIVIL NUCLEAR COORDINATION AND STRATEGY.**

23 ~~(a)~~ OFFICE OF THE ASSISTANT TO THE PRESIDENT
 24 AND DIRECTOR FOR NUCLEAR ENERGY POLICY.—

1 (1) ~~ESTABLISHMENT.~~—There is established in
 2 the Executive Office of the President an office, to be
 3 known as the “Office of the Assistant to the Presi-
 4 dent and Director for Nuclear Energy Policy” (re-
 5 ferred to in this subsection as the “Office”).

6 (2) ~~MISSION.~~—The Office shall act as the sin-
 7 gle coordinating office for—

8 (A) civil nuclear cooperation; and

9 (B) civil nuclear export strategy.

10 (3) ~~LEADERSHIP.~~—

11 (A) ~~ASSISTANT.~~—

12 (i) ~~IN GENERAL.~~—The Office shall be
 13 headed by the Assistant to the President
 14 and Director for Nuclear Energy Policy,
 15 who shall be appointed by the President.

16 (ii) ~~REPORTING.~~—The Assistant shall
 17 report directly to the President.

18 (B) ~~DEPUTY ASSISTANT.~~—

19 (i) ~~IN GENERAL.~~—The Assistant shall
 20 appoint a Deputy Assistant with experi-
 21 ence in advising on civil nuclear project de-
 22 velopment and financing.

23 (ii) ~~REPORTING.~~—The Deputy Assist-
 24 ant shall report directly to the Assistant.

25 (4) ~~DUTIES.~~—

1 (A) IN GENERAL.—The Assistant, in con-
2 sultation with the Deputy Assistant, shall—

3 (i) coordinate the civil nuclear export
4 policy of the United States;

5 (ii) develop a cohesive Federal strat-
6 egy for engagement with foreign govern-
7 ments (including ally or partner nations
8 and the governments of embarking civil
9 nuclear energy nations); associated enti-
10 ties; associated individuals; and inter-
11 national lending institutions with respect
12 to civil nuclear exports;

13 (iii) coordinate with the officials de-
14 scribed in subparagraph (B) to ensure that
15 necessary framework agreements and trade
16 controls relating to civil nuclear materials
17 and technologies are in place for key mar-
18 kets; and

19 (iv) develop—

20 (I) a whole-of-government coordi-
21 nating strategy for civil nuclear co-
22 operation;

23 (II) a whole-of-government strat-
24 egy for civil nuclear exports; and

1 (III) a whole-of-government ap-
2 proach to support foreign investment
3 in domestic construction projects.

4 (B) OFFICIALS DESCRIBED.—The officials
5 referred to in subparagraph (A)(iii) are—

6 (i) the appropriate officials of—

7 (I) the Department of State;

8 (II) the Department of Energy;

9 (III) the Department of Com-
10 merce;

11 (IV) the Nuclear Regulatory
12 Commission;

13 (V) the Department of Defense;

14 (VI) the National Security Coun-
15 cil;

16 (VII) the National Economic
17 Council;

18 (VIII) the Office of the United
19 States Trade Representative;

20 (IX) the Office of Management
21 and Budget;

22 (X) the Office of the Director of
23 National Intelligence;

24 (XI) the Export-Import Bank of
25 the United States;

1 (XII) the United States Inter-
 2 national Development Finance Cor-
 3 poration;

4 (XIII) the United States Trade
 5 and Development Agency; and

6 (XIV) the Office of Science and
 7 Technology Policy; and

8 (ii) appropriate officials representing
 9 foreign countries and governments, includ-
 10 ing—

11 (I) ally or partner nations;

12 (II) embarking civil nuclear en-
 13 ergy nations; and

14 (III) any other country or gov-
 15 ernment that the Assistant, in con-
 16 sultation with the Deputy Assistant
 17 and the officials described in clause
 18 (i), determines to be appropriate.

19 (5) STAFF.—

20 (A) SENIOR ADVISORS.—

21 (i) IN GENERAL.—The Assistant shall
 22 select a staff of not fewer than 4, and not
 23 more than 6, Senior Advisors to assist in
 24 the mission of the Office.

1 (ii) REQUIREMENT.—The Senior Ad-
2 visors selected under clause (i) shall be
3 composed of individuals with diverse indus-
4 try and government backgrounds, including
5 individuals with backgrounds in—

6 (I) project financing;

7 (II) construction development
8 and management;

9 (III) contract structuring, risk
10 allocation, and nuclear liability;

11 (IV) regulatory, licensing, and
12 safeguards processes;

13 (V) civil nuclear electric and non-
14 electric applications of nuclear tech-
15 nologies;

16 (VI) government-to-government
17 negotiations;

18 (VII) social acceptance and envi-
19 ronmental justice;

20 (VIII) human infrastructure de-
21 velopment;

22 (IX) major project development;

23 (X) international infrastructure
24 financing; and

1 (XI) nuclear safety and security
2 requirements.

3 (B) OTHER STAFF.—The Assistant may
4 hire such other additional personnel as may be
5 necessary to carry out the mission of the Office.

6 (6) AUTHORIZATION OF APPROPRIATIONS.—
7 There is authorized to be appropriated to carry out
8 this subsection \$2,000,000 for each of fiscal years
9 2023 through 2027.

10 (b) NUCLEAR EXPORTS WORKING GROUP.—

11 (1) ESTABLISHMENT.—There is established a
12 working group, to be known as the “Nuclear Ex-
13 ports Working Group” (referred to in this subsection
14 as the “working group”).

15 (2) COMPOSITION.—The working group shall be
16 composed of—

17 (A) senior-level Federal officials, selected
18 internally by the applicable Federal agency or
19 organization, from—

20 (i) the Department of State;
21 (ii) the Department of Commerce;
22 (iii) the Department of Energy;
23 (iv) the Department of the Treasury;
24 (v) the Export-Import Bank of the
25 United States;

1 (vi) the United States International
2 Development Finance Corporation;

3 (vii) the Nuclear Regulatory Commis-
4 sion;

5 (viii) the Office of the United States
6 Trade Representative; and

7 (ix) the United States Trade and De-
8 velopment Agency;

9 (B) other senior-level Federal officials, se-
10 lected internally by the applicable Federal agen-
11 cy or organization, from any other Federal
12 agency or organization that the Secretary deter-
13 mines to be appropriate; and

14 (C) any senior-level Federal official se-
15 lected by the Assistant from any Federal agen-
16 cy or organization.

17 (3) REPORTING.—The working group shall re-
18 port to the Assistant.

19 (4) DUTIES.—The working group shall—

20 (A) provide direction and advice to the As-
21 sistant; and

22 (B) submit to the Civil Nuclear Trade Ad-
23 visory Committee of the Department of Com-
24 merce and the Nuclear Energy Advisory Com-
25 mittee of the Department of Energy quarterly

reports on the standing of civil nuclear exports from the United States, including with respect to meeting the targets established as part of the 5-year civil nuclear trade strategy described in paragraph (5)(A).

(5) STRATEGY.—

(A) IN GENERAL.—Not later than 1 year after the date of enactment of this Act, the working group shall establish a 10-year civil nuclear trade strategy, including biennial targets for the export of civil nuclear technologies, including light water and non-light water reactors and associated equipment and technologies, civil nuclear materials, and nuclear fuel that align with meeting international energy demand while seeking to avoid or reduce emissions.

(B) COLLABORATION REQUIRED.—In establishing the strategy under subparagraph (A), the working group shall collaborate with—

(i) the Secretary;

(ii) the Secretary of Commerce;

(iii) the Secretary of State;

(iv) the Secretary of the Treasury;

(v) the Nuclear Regulatory Commission;

- 1 (vi) the President of the Export-Im-
 2 port Bank of the United States;
 3 (vii) the Chief Executive Officer of the
 4 United States International Development
 5 Finance Corporation;
 6 (viii) the United States Trade Rep-
 7 resentative; and
 8 (ix) representatives of private indus-
 9 try.

10 **SEC. 4. ENGAGEMENT WITH ALLY OR PARTNER NATIONS.**

11 (a) IN GENERAL.—The Secretary of State, in coordi-
 12 nation with the Secretary, the Nuclear Regulatory Com-
 13 mission, Team USA, and the Assistant, shall launch, in
 14 accordance with applicable nuclear technology export laws
 15 (including regulations), an international initiative to mod-
 16 ernize the civil nuclear outreach carried out by the United
 17 States for the purpose of establishing cooperative financ-
 18 ing relationships for the export of civil nuclear technology,
 19 components, materials, and infrastructure to countries in
 20 the coalition described in subsection (b).

21 (b) COALITION DESCRIBED.—The coalition referred
 22 to in subsection (a) is a coalition of countries that—
 23 (1) is developed for purposes of carrying out
 24 the initiative described in subsection (a); and

1 (2) includes each ally or partner nation that is
2 willing to participate in the coalition.

3 (c) ~~ACTIVITIES.~~—In carrying out the initiative de-
4 scribed in subsection (a), the Secretary of State shall—

5 (1) assist nongovernmental organizations and
6 appropriate offices, administrations, agencies, lab-
7 oratories, and programs of the Department of En-
8 ergy in providing education and training to foreign
9 governments in nuclear safety, security, and safe-
10 guards—

11 (A) through engagement with the Inter-
12 national Atomic Energy Agency; or

13 (B) independently, if the applicable entity
14 determines that it would be more advantageous
15 under the circumstances to provide the applica-
16 ble education and training independently;

17 (2) assist the efforts of the International Atom-
18 ic Energy Agency to expand the support provided by
19 the International Atomic Energy Agency to embark-
20 ing civil nuclear energy nations for nuclear safety,
21 security, and safeguards;

22 (3) expand outreach by the Assistant to the pri-
23 vate investment community to create public-private
24 financing relationships to assist in the export of civil

1 nuclear technology to countries in the coalition de-
 2 scribed in subsection (b);

3 (4) seek to coordinate, to the maximum extent
 4 practicable, the work carried out by each of—

5 (A) the Nuclear Regulatory Commission;

6 (B) the Department of Energy;

7 (C) the Department of Commerce;

8 (D) the International Atomic Energy
 9 Agency;

10 (E) the Nuclear Energy Agency; and

11 (F) the nuclear regulatory agencies and or-
 12 ganizations of embarking civil nuclear energy
 13 nations and ally or partner nations; and

14 (5) improve the regulatory framework to allow
 15 for the expeditious exporting and importing of civil
 16 nuclear technologies and materials.

17 **SEC. 5. COOPERATIVE FINANCING RELATIONSHIPS WITH**
 18 **ALLY OR PARTNER NATIONS AND EMBARK-**
 19 **ING CIVIL NUCLEAR ENERGY NATIONS.**

20 (a) IN GENERAL.—The Secretary, the Secretary of
 21 State, the Secretary of Commerce, the President of the
 22 Export-Import Bank of the United States, and the Chief
 23 Executive Officer of the United States International De-
 24 velopment Finance Corporation, in coordination with the
 25 Assistant, shall develop cooperative financing relationships

1 with ally or partner nations or embarking civil nuclear en-
 2 ergy nations to advance civil nuclear exports from the
 3 United States to ally or partner nations or embarking civil
 4 nuclear energy nations.

5 (b) UNITED STATES COMPETITIVENESS CLAUSES.—

6 (1) DEFINITION OF UNITED STATES COMPETI-
 7 TIVENESS CLAUSE.—In this subsection, the term
 8 “United States competitiveness clause” means any
 9 United States competitiveness provision in any
 10 agreement entered into by the Department of En-
 11 ergy, including—

12 (A) a cooperative agreement;

13 (B) a cooperative research and develop-
 14 ment agreement; and

15 (C) a patent waiver.

16 (2) CONSIDERATION.—In carrying out sub-
 17 section (a), the Secretary, the Secretary of State,
 18 the Secretary of Commerce, the President of the Ex-
 19 port-Import Bank of the United States, and the
 20 Chief Executive Officer of the United States Inter-
 21 national Development Finance Corporation shall
 22 consider the impact of United States competitiveness
 23 clauses on any cooperative financing relationships
 24 entered into or proposed to be entered into under
 25 that subsection.

1 ~~(3)~~ WAIVER.—The Secretary shall facilitate
 2 waivers of United States competitiveness clauses as
 3 necessary to facilitate cooperative financing relation-
 4 ships with ally or partner nations or embarking civil
 5 nuclear energy nations under subsection (a).

6 **SEC. 6. FAST-TRACK PROCEDURES AND EXPORT CON-**
 7 **TROLS.**

8 Not later than 180 days after the date of enactment
 9 of this Act, the Secretary shall promulgate a regulation
 10 revising part 810 of title 10, Code of Federal Regulations;
 11 to establish fast-track procedures for obtaining specific
 12 authorizations for exports, which may be similar to exist-
 13 ing fast-track procedures in existing Federal export-con-
 14 trol regulations—

15 ~~(1)~~ for deemed exports to—

16 ~~(A)~~ a list of countries defined by the Sec-
 17 retary;

18 ~~(B)~~ a list of countries defined by the Sec-
 19 retary of State;

20 ~~(C)~~ a list of countries defined by the Sec-
 21 retary of the Treasury;

22 ~~(D)~~ a list of countries defined by the Sec-
 23 retary of Commerce; or

24 ~~(E)~~ destinations based on country criteria
 25 defined by the Secretary; or

1 (2) for widely deployed technologies available
 2 from multiple suppliers, such as light water reactor
 3 technology.

4 **SEC. 7. COOPERATION WITH ALLY OR PARTNER NATIONS**
 5 **ON ADVANCED NUCLEAR REACTOR DEM-**
 6 **ONSTRATION AND COOPERATIVE RESEARCH**
 7 **FACILITIES.**

8 (a) IN GENERAL.—Not later than 2 years after the
 9 date of enactment of this Act, the Secretary of State, in
 10 coordination with the Secretary, the Secretary of Com-
 11 merce, and the Assistant, shall conduct bilateral and mul-
 12 tilateral meetings with not fewer than 5 ally or partner
 13 nations, with the aim of enhancing nuclear energy co-
 14 operation among those ally or partner nations and the
 15 United States, for the purpose of developing collaborative
 16 relationships with respect to research, development, licens-
 17 ing, and deployment of advanced nuclear reactor tech-
 18 nologies.

19 (b) REQUIREMENT.—The meetings described in sub-
 20 section (a) shall include—

21 (1) a focus on cooperation to demonstrate and
 22 deploy advanced nuclear reactors, with an emphasis
 23 on U.S. nuclear energy companies, during the 10-
 24 year period beginning on the date of enactment of

1 this Act to provide options for addressing climate
2 change by 2050; and

3 ~~(2) a focus on developing a memorandum of un-~~
4 derstanding or any other appropriate agreement be-
5 tween the United States and ally or partner nations
6 with respect to—

7 ~~(A) the demonstration and deployment of~~
8 advanced nuclear reactors; and

9 ~~(B) the development of cooperative re-~~
10 search facilities.

11 ~~(c) FINANCING ARRANGEMENTS.—In conducting the~~
12 meetings described in subsection (a), the Secretary of
13 State, in coordination with the Secretary, the Secretary
14 of Commerce, and the Assistant, shall seek to develop fi-
15 nancing arrangements to share the costs of the demonstra-
16 tion and deployment of advanced nuclear reactors and the
17 development of cooperative research facilities with the ally
18 or partner nations participating in those meetings.

19 ~~(d) REPORT.—Not later than 1 year after the date~~
20 of enactment of this Act, the Secretary, the Secretary of
21 State, and the Secretary of Commerce shall jointly submit
22 to Congress a report highlighting potential partners—

23 ~~(1) for the establishment of cost-share arrange-~~
24 ments described in subsection (c); or

1 (2) with which the United States may enter
2 into agreements with respect to—

3 (A) the demonstration of advanced nuclear
4 reactors; or

5 (B) cooperative research facilities.

6 **SEC. 8. INTERNATIONAL NUCLEAR ENERGY COOPERATION.**

7 Section 959B of the Energy Policy Act of 2005 (42
8 U.S.C. 16279b) is amended—

9 (1) in the matter preceding paragraph (1), by
10 striking “The Secretary” and inserting the fol-
11 lowing:

12 “(a) IN GENERAL.—The Secretary”;

13 (2) in subsection (a) (as so designated)—

14 (A) in paragraph (1)—

15 (i) by striking “financing,”; and

16 (ii) by striking “and” after the semi-
17 colon at the end;

18 (B) in paragraph (2)—

19 (i) in subparagraph (A), by striking
20 “preparations for”; and

21 (ii) in subparagraph (C)(v), by strik-
22 ing the period at the end and inserting a
23 semicolon; and

24 (C) by adding at the end the following:

1 “(3) to support, in consultation with the Sec-
2 retary of State, the safe, secure, and peaceful use of
3 nuclear technology in countries developing nuclear
4 energy programs, with a focus on countries that
5 have increased civil nuclear cooperation with the
6 Russian Federation or the People’s Republic of
7 China; and

8 “(4) to promote the fullest utilization of United
9 States reactors, fuel, equipment, services, and tech-
10 nology in nuclear energy programs outside the
11 United States through—

12 “(A) bilateral and multilateral arrange-
13 ments that contain commitments for the utiliza-
14 tion of United States reactors, fuel, equipment,
15 services, and technology;

16 “(B) the designation of 1 or more U.S. nu-
17 clear energy companies (as defined in section 2
18 of the International Nuclear Energy Act of
19 2022) to implement an arrangement under sub-
20 paragraph (A) if the Secretary determines that
21 the designation is necessary and appropriate to
22 achieve the objectives of this section;

23 “(C) the waiver of any provision of law re-
24 lating to competition with respect to any activ-
25 ity related to an arrangement under subpara-

graph (A) if the Secretary, in consultation with the Attorney General and the Secretary of Commerce, determines that a waiver is necessary and appropriate to achieve the objectives of this section; and

“(D) the issuance of loans, loan guarantees, other financial assistance, or assistance in the form of an equity interest to carry out activities related to an arrangement under subparagraph (A), to the extent appropriated funds are available.”; and

(3) by adding at the end the following:

“(b) REQUIREMENTS.—The program under subsection (a) shall—

“(1) with respect to the function described in subsection (a)(3), be modeled after the International Military Education and Training program of the Department of State; and

“(2) be carried out—

“(A) to facilitate, to the maximum extent practicable, workshops and expert-based exchanges to engage industry, stakeholders, and foreign governments with respect to international civil nuclear issues, such as—

“(i) training;

1 ~~“(ii) financing;~~
 2 ~~“(iii) safety;~~
 3 ~~“(iv) security;~~
 4 ~~“(v) safeguards;~~
 5 ~~“(vi) liability;~~
 6 ~~“(vii) advanced fuels;~~
 7 ~~“(viii) operations; and~~
 8 ~~“(ix) options for multinational co-~~
 9 ~~operation with respect to the disposal of~~
 10 ~~spent nuclear fuel (as defined in section 2~~
 11 ~~of the Nuclear Waste Policy Act of 1982~~
 12 ~~(42 U.S.C. 10101)); and~~
 13 ~~“(B) in coordination with—~~
 14 ~~“(i) the National Security Council;~~
 15 ~~“(ii) the Secretary of State;~~
 16 ~~“(iii) the Secretary of Commerce; and~~
 17 ~~“(iv) the Nuclear Regulatory Commis-~~
 18 ~~sion.~~

19 ~~“(c) AUTHORIZATION OF APPROPRIATIONS.—There~~
 20 is authorized to be appropriated to the Secretary to carry
 21 out subsection (a)(3) \$15,500,000 for each of fiscal years
 22 2022 through 2026.”.

1 **SEC. 9. INTERNATIONAL CIVIL NUCLEAR PROGRAM SUP-**
2 **PORT.**

3 (a) **IN GENERAL.**—Not later than 120 days after the
4 date of enactment of this Act, the Secretary of State, in
5 coordination with the Secretary and the Assistant, shall
6 launch an international initiative (referred to in this sec-
7 tion as the “initiative”) to provide grants, in accordance
8 with this section—

9 (1) to embarking civil nuclear energy nations
10 for activities relating to the development of civil nu-
11 clear programs; and

12 (2) to ally or partner nations for the construc-
13 tion of nuclear reactors and advanced nuclear reac-
14 tors.

15 (b) **GRANTS.**—

16 (1) **IN GENERAL.**—In carrying out the initia-
17 tive, the Secretary of State, in coordination with the
18 Secretary and the Assistant, may award not more
19 than 1 grant to each country, including each em-
20 barking civil nuclear energy nation, each fiscal year.

21 (2) **AMOUNT.**—The amount of a grant awarded
22 under the initiative shall be not more than
23 \$5,500,000.

24 (3) **LIMITATION.**—The Secretary of State, in
25 coordination with the Secretary and the Assistant,
26 may award not more than a total of 5 grants under

the initiative to a single country, including each embarking civil nuclear energy nation.

~~(c) SENIOR ADVISORS.—~~

~~(1) IN GENERAL.—~~In carrying out the initiative, the Secretary of State, in coordination with the Secretary and the Assistant, shall provide a grant to an embarking civil nuclear energy nation with the option for a U.S. nuclear energy company to hire 1 or more senior advisors to assist the embarking civil nuclear energy nation in establishing a civil nuclear program.

~~(2) REQUIREMENT.—~~A senior advisor described in paragraph ~~(1)~~ shall seek to advise the embarking civil nuclear energy nation on, and facilitate on behalf of the embarking civil nuclear energy nation, 1 or more of the following:

~~(A)~~ The development of financing relationships.

~~(B)~~ The development of a standardized financing and project management framework for the construction of nuclear power plants.

~~(C)~~ The development of a standardized licensing framework for—

~~(i)~~ light water civil nuclear technologies; and

1 (ii) non-light water civil nuclear tech-
2 nologies and advanced nuclear reactors.

3 ~~(D) The identification of qualified organi-~~
4 ~~zations and service providers.~~

5 ~~(E) The identification of funds to support~~
6 ~~payment for services required to develop a civil~~
7 ~~nuclear program.~~

8 ~~(F) Market analysis.~~

9 ~~(G) The identification of the safety, secu-~~
10 ~~rity, safeguards, and nuclear governance re-~~
11 ~~quired for a civil nuclear program.~~

12 ~~(H) Risk allocation, risk management, and~~
13 ~~nuclear liability.~~

14 ~~(I) Technical assessments of nuclear reac-~~
15 ~~tors and technologies.~~

16 ~~(J) The identification of actions necessary~~
17 ~~to participate in a global nuclear liability re-~~
18 ~~gime based on the Convention on Supple-~~
19 ~~mentary Compensation for Nuclear Damage,~~
20 ~~with Annex, done at Vienna September 12,~~
21 ~~1997 (TIAS 15-415).~~

22 ~~(K) Stakeholder engagement.~~

23 ~~(L) Management of spent nuclear fuel and~~
24 ~~nuclear waste.~~

1 (M) Any other major activities to support
 2 the establishment of a civil nuclear program;
 3 such as the establishment of export, financing,
 4 construction, training, operations, and edu-
 5 cation requirements.

6 (d) **AUTHORIZATION OF APPROPRIATIONS.**—There is
 7 authorized to be appropriated to the Secretary of State
 8 to carry out the initiative \$50,000,000 for each of fiscal
 9 years 2023 through 2027.

10 **SEC. 10. BIENNIAL NUCLEAR SAFETY, SECURITY, SAFE-**
 11 **GUARDS, AND SUSTAINABILITY SUMMIT.**

12 (a) **IN GENERAL.**—The Secretary, the Secretary of
 13 State, the Secretary of Defense, the Secretary of Com-
 14 merce, the Nuclear Regulatory Commission, and the As-
 15 sistant shall hold a biennial nuclear safety, security, safe-
 16 guards, and sustainability summit (referred to in this sec-
 17 tion as a “summit”), the first of which shall be held on
 18 the date that is 180 days after the date of enactment of
 19 this Act.

20 (b) **LOCATION.**—Each summit shall be held in—

21 (1) Washington, DC; or

22 (2) a country described in any of subpara-
 23 graphs (A) through (H) of section 2(2).

24 (c) **REQUIREMENT.**—Each summit shall—

1 ~~(1)~~ be a forum in which leaders of ally or part-
 2 ner nations may engage with each other for the pur-
 3 pose of reinforcing the commitment to nuclear safe-
 4 ty, security, safeguards, and sustainability; and

5 ~~(2)~~ facilitate the development of—

6 ~~(A)~~ joint commitments and goals to im-
 7 prove nuclear safety, security, safeguards, and
 8 sustainability;

9 ~~(B)~~ stronger international institutions that
 10 support nuclear safety, security, safeguards,
 11 and sustainability; and

12 ~~(C)~~ a global nuclear liability regime.

13 ~~(d) INPUT FROM INDUSTRY AND GOVERNMENT.—~~

14 Each summit shall include a meeting that convenes nu-
 15 clear industry leaders and leaders of government agencies
 16 with expertise relating to nuclear safety, security, safe-
 17 guards, or sustainability to discuss best practices relating
 18 to—

19 ~~(1)~~ the safe and secure use, storage, and trans-
 20 port of nuclear and radiological materials;

21 ~~(2)~~ managing the evolving cyber threat to nu-
 22 clear and radiological security; and

23 ~~(3)~~ the role that the nuclear industry should
 24 play in nuclear and radiological safety, security, and
 25 safeguards, including with respect to the safe and

1 secure use, storage, and transport of nuclear and ra-
 2 diological materials, including spent nuclear fuel and
 3 nuclear waste.

4 (e) REPORT.—

5 (1) IN GENERAL.—Not later than 120 days
 6 after the end of each summit, the Secretary, the
 7 Secretary of State, the Secretary of Defense, the
 8 Secretary of Commerce, the Nuclear Regulatory
 9 Commission, and the Assistant shall jointly submit
 10 to Congress a report highlighting—

11 (A) any commitments made by the United
 12 States or international partners of the United
 13 States, including an ally or partner nation, with
 14 respect to nuclear safety, security, safeguards,
 15 or sustainability; and

16 (B) the objectives that the parties to those
 17 commitments agreed to meet.

18 (2) REQUIREMENT.—The report under para-
 19 graph (1) shall detail—

20 (A) any current and continuing nuclear se-
 21 curity threat;

22 (B) any progress made toward advancing
 23 nuclear security-related treaties;

24 (C) any steps taken or needed to be
 25 taken—

- 1 (i) to fulfill any obligations of the
- 2 United States under existing nuclear secu-
- 3 rity and safeguard treaties;
- 4 (ii) to manage cyber threats; or
- 5 (iii) to prevent the theft, sabotage,
- 6 and illicit trafficking of nuclear materials,
- 7 facilities, and technology, as applicable;
- 8 (D) the role of the nuclear industry in pre-
- 9 venting nuclear proliferation; and
- 10 (E) any other topics discussed during the
- 11 summit that relate to nuclear safety, security,
- 12 safeguards, or sustainability.

13 **SEC. 11. ADVANCED REACTOR COORDINATION AND RE-**
 14 **SOURCE CENTER.**

15 The Secretary, in coordination with the Secretary of
 16 State, the Secretary of Commerce, the Chairman of the
 17 Nuclear Regulatory Commission, the President of the Ex-
 18 port-Import Bank of the United States, and the Chief Ex-
 19 ecutive Officer of the United States International Develop-
 20 ment Finance Corporation, shall establish a center, to be
 21 known as the “Advanced Reactor Coordination and Re-
 22 source Center”, for the purposes of—

- 23 (1) identifying qualified organizations and serv-
- 24 ice providers—

1 (A) for embarking civil nuclear energy na-
2 tions;

3 (B) to develop and assemble documents,
4 contracts, and related items required to estab-
5 lish a civil nuclear program; and

6 (C) to develop a standardized model for
7 the establishment of a civil nuclear program
8 that can be used by the International Atomic
9 Energy Agency;

10 (2) coordinating with countries participating in
11 the Center and with the Nuclear Exports Working
12 Group established under section 3(b)—

13 (A) to identify funds to support payment
14 for services required to develop a civil nuclear
15 program;

16 (B) to provide market analysis; and

17 (C) to create—

18 (i) project structure models;

19 (ii) models for electricity market anal-
20 ysis;

21 (iii) models for nonelectric applica-
22 tions market analysis; and

23 (iv) financial models;

1 ~~(3) identifying and developing the safety, secu-~~
 2 ~~rity, safeguards, and nuclear governance required~~
 3 ~~for a civil nuclear program;~~

4 ~~(4) supporting multinational regulatory stand-~~
 5 ~~ards to be developed by countries with civil nuclear~~
 6 ~~programs and experience;~~

7 ~~(5) developing and strengthening communica-~~
 8 ~~tions, engagement, and consensus-building;~~

9 ~~(6) carrying out any other major activities to~~
 10 ~~support export, financing, education, construction,~~
 11 ~~training, and education requirements relating to the~~
 12 ~~establishment of a civil nuclear program;~~

13 ~~(7) developing mechanisms for how to fund and~~
 14 ~~staff the Center; and~~

15 ~~(8) determining mechanisms for the selection of~~
 16 ~~the location or locations of the Center.~~

17 **SEC. 12. BIENNIAL CIVIL NUCLEAR VENDOR SUMMIT.**

18 ~~(a) IN GENERAL.~~—The Secretary, the Secretary of
 19 State, the Secretary of Commerce, the President of the
 20 Export-Import Bank of the United States, the Chief Exec-
 21 utive Officer of the United States International Develop-
 22 ment Finance Corporation, and the Assistant shall hold
 23 a biennial civil nuclear vendor summit (referred to in this
 24 section as a “summit”); the first of which shall be held

1 on the date that is 180 days after the date of enactment
 2 of this Act.

3 ~~(b) LOCATION.—Each summit shall be held in—~~

4 ~~(1) Washington, DC; or~~

5 ~~(2) a country described in any of subpara-~~
 6 ~~graphs (A) through (H) of section 2(2).~~

7 ~~(c) REQUIREMENT.—Each summit shall—~~

8 ~~(1) be a forum in which leaders of ally or part-~~
 9 ~~ner nations may engage with each other for the pur-~~
 10 ~~pose of promoting the peaceful, responsible, and safe~~
 11 ~~use of civil nuclear technologies; and~~

12 ~~(2) facilitate—~~

13 ~~(A) the development of—~~

14 ~~(i) cooperative financing relationships~~
 15 ~~to promote competitive alternatives to Chi-~~
 16 ~~nese and Russian financing;~~

17 ~~(ii) a standardized financing and~~
 18 ~~project management framework for the~~
 19 ~~construction of nuclear power plants;~~

20 ~~(iii) a standardized licensing frame-~~
 21 ~~work for civil nuclear technologies;~~

22 ~~(iv) a strategy to change internal poli-~~
 23 ~~cies of multinational development banks,~~
 24 ~~such as the World Bank, to support the fi-~~
 25 ~~nancing of civil nuclear projects;~~

1 (v) a document containing any lessons
 2 learned from countries that have partnered
 3 with the Russian Federation or the Peo-
 4 ple's Republic of China with respect to nu-
 5 clear power, including any detrimental out-
 6 comes resulting from that partnership; and

7 (vi) a global nuclear liability regime;

8 (B) cooperation for enhancing the overall
 9 aspects of civil nuclear power, such as—

10 (i) nuclear safety, security, and safe-
 11 guards;

12 (ii) nuclear laws (including regula-
 13 tions);

14 (iii) waste management;

15 (iv) quality management systems;

16 (v) technology transfer;

17 (vi) human resources development;

18 (vii) localization;

19 (viii) reactor operations;

20 (ix) nuclear liability; and

21 (x) decommissioning; and

22 (C) the development and determination of
 23 the mechanisms described in paragraphs (7)
 24 and (8) of section 11.

25 (d) REPORT.—

(1) IN GENERAL.—Not later than 120 days after the end of each summit, the Secretary, the Secretary of State, the Secretary of Commerce, the President of the Export-Import Bank of the United States, the Chief Executive Officer of the United States International Development Finance Corporation, and the Assistant shall jointly submit to Congress a report highlighting—

(A) any commitments made by the United States or international partners of the United States, including an ally or partner nation, with respect to international civil nuclear export practices; and

(B) the objectives that the parties to those commitments agreed to meet.

(2) REQUIREMENT.—The report under paragraph (1) shall detail—

(A) any steps taken to establish common financing relationships;

(B) any progress made toward establishing a standardized financing, project management, and licensing framework;

(C) any changes to the internal policies of multinational development banks, such as the World Bank, to support civil nuclear projects;

1 ~~(D)~~ any steps taken or needed to be
2 taken—

3 ~~(i)~~ to rectify any obstacles that were
4 identified after the applicable civil nuclear
5 vendor summit but were unforeseen at the
6 time of, and not discussed at, that summit;

7 ~~(ii)~~ to enable early-stage day-to-day
8 support of embarking civil nuclear energy
9 nations;

10 ~~(iii)~~ to address any gaps in the whole-
11 of-government approach to international
12 civil nuclear cooperation, exports, and in-
13 vestment developed by the Assistant; or

14 ~~(iv)~~ to improve the role of the Assist-
15 ant in international outreach;

16 ~~(E)~~ the role of the nuclear industry in es-
17 tablishing cooperative relationships; and

18 ~~(F)~~ the competitiveness of available United
19 States financing packages for civil nuclear ex-
20 ports, relative to international competitors.

21 **SEC. 13. STRATEGIC INFRASTRUCTURE FUND WORKING**
22 **GROUP.**

23 ~~(a)~~ ESTABLISHMENT.—There is established a work-
24 ing group, to be known as the “Strategic Infrastructure

1 Fund Working Group” (referred to in this section as the
2 “working group”).

3 (b) COMPOSITION.—The working group shall be—

4 (1) led by the Assistant; and

5 (2) composed of—

6 (A) senior-level Federal officials, selected
7 by the head of the applicable Federal agency or
8 organization, from—

9 (i) the Department of State;

10 (ii) the Department of the Treasury;

11 (iii) the Department of Commerce;

12 (iv) the Department of Energy;

13 (v) the Export-Import Bank of the
14 United States;

15 (vi) the United States International
16 Development Finance Corporation; and

17 (vii) the Nuclear Regulatory Commis-
18 sion;

19 (B) other senior-level Federal officials, se-
20 lected by the head of the applicable Federal
21 agency or organization, from any other Federal
22 agency or organization that the Secretary deter-
23 mines to be appropriate; and

1 (C) any senior-level Federal official se-
 2 lected by the Assistant from any Federal agen-
 3 cy or organization.

4 (e) REPORTING.—The working group shall report to
 5 the National Security Council.

6 (d) DUTIES.—The working group shall—

7 (1) provide direction and advice to the Assist-
 8 ant with respect to the establishment of a Strategic
 9 Infrastructure Fund (referred to in this subsection
 10 as the “Fund”) to be used—

11 (A) to support those aspects of projects re-
 12 lating to—

13 (i) civil nuclear technologies;

14 (ii) rare earth elements and critical
 15 minerals (as defined in section 7002(a) of
 16 the Energy Act of 2020 (30 U.S.C.
 17 1606(a))); and

18 (iii) microprocessors; and

19 (B) for strategic investments identified by
 20 the working group; and

21 (2) address critical areas in determining the ap-
 22 propriate design for the Fund, including—

23 (A) transfer of assets to the Fund;

24 (B) transfer of assets from the Fund;

1 (C) how assets in the Fund should be in-
2 vested; and

3 (D) governance and implementation of the
4 Fund.

5 (e) REPORT REQUIRED.—

6 (1) IN GENERAL.—Not later than 1 year after
7 the date of the enactment of this Act, the working
8 group shall submit to the committees described in
9 paragraph (2) a report on the findings of the work-
10 ing group that includes suggested legislative text for
11 how to establish and structure a Strategic Infra-
12 structure Fund.

13 (2) COMMITTEES DESCRIBED.—The committees
14 referred to in paragraph (1) are—

15 (A) the Committee on Foreign Relations;
16 the Committee on Commerce, Science, and
17 Transportation; the Committee on Armed Serv-
18 ices; the Committee on Energy and Natural Re-
19 sources; the Committee on Environment and
20 Public Works; and the Committee on Finance
21 of the Senate; and

22 (B) the Committee on Foreign Affairs; the
23 Committee on Energy and Commerce; the Com-
24 mittee on Armed Services; the Committee on
25 Science, Space, and Technology; and the Com-

1 mittee on Ways and Means of the House of
2 Representatives.

3 **SEC. 14. INVESTMENT BY ALLIES AND PARTNERS OF THE**
4 **UNITED STATES.**

5 (a) **COMMERCIAL LICENSES.**—Section 103 d. of the
6 Atomic Energy Act of 1954 (42 U.S.C. 2133(d)) is
7 amended, in the second sentence—

8 (1) by inserting “for a production facility” after
9 “No license”; and

10 (2) by striking “any any” and inserting “any”.

11 (b) **MEDICAL THERAPY AND RESEARCH DEVELOP-**
12 **MENT LICENSES.**—Section 104 d. of the Atomic Energy
13 Act of 1954 (42 U.S.C. 2134(d)) is amended, in the sec-
14 ond sentence, by inserting “for a production facility” after
15 “No license”.

16 **SEC. 15. MODIFICATION OF POWERS AND FUNCTIONS OF**
17 **THE EXPORT-IMPORT BANK OF THE UNITED**
18 **STATES.**

19 (a) **MODIFICATION OF PROHIBITION ON FINANC-**
20 **ING.**—Section 2(b)(5) of the Export-Import Bank Act of
21 1945 (12 U.S.C. 635(b)(5)) is amended, in the first sen-
22 tence, by striking “any liquid metal fast breeder nuclear
23 reactor or”.

24 (b) **EXPANSION OF PROGRAM ON TRANS-**
25 **FORMATIONAL EXPORTS.**—

1 ~~(1) IN GENERAL.—~~Section 2(1) of the Export-
 2 Import Bank Act of 1945 ~~(12 U.S.C. 635(1))~~ is
 3 amended—

4 ~~(A)~~ in the subsection heading, by striking
 5 ~~“CHINA AND”;~~

6 ~~(B)~~ in paragraph (1)—

7 ~~(i)~~ in the matter preceding subpara-
 8 graph ~~(A)~~—

9 ~~(I)~~ by striking “The Bank shall
 10 establish a Program on China and”
 11 and inserting “Notwithstanding the
 12 Arrangement, the Bank shall establish
 13 a Program on”;

14 ~~(II)~~ by striking “conditions,” and
 15 inserting “conditions that, in the
 16 judgement of the Board of Directors
 17 of the Bank, offer sufficient likelihood
 18 of repayment to justify the loan, guar-
 19 antee, or insurance, as applicable,”;
 20 and

21 ~~(III)~~ by striking “by the People’s
 22 Republic of China or”;

23 ~~(ii)~~ in subparagraph ~~(A)~~, by striking
 24 ~~“by the People’s Republic of China or”;~~
 25 and

1 (iii) in subparagraph (B)—

2 (I) in the matter preceding clause
3 (i), by striking “the People’s Republic
4 of China” and inserting “covered
5 countries”;

6 (II) by redesignating clauses
7 (viii) through (xi) as clauses (ix)
8 through (xii), respectively; and

9 (III) by inserting after clause
10 (vii) the following:

11 “(viii) Civil nuclear facilities, material,
12 technologies, and related goods and serv-
13 ices that support the development of an ef-
14 fective nuclear energy sector.”;

15 (C) by striking paragraph (2);

16 (D) by redesignating paragraph (3) as
17 paragraph (2);

18 (E) in paragraph (2), as so redesignated—

19 (i) in subparagraph (A), by striking
20 “China and”;

21 (ii) in subparagraph (B)—

22 (I) in the matter preceding clause
23 (i), by striking “the People’s Republic
24 of China is” and inserting “the Peo-

1 ple’s Republic of China and the Rus-
2 sian Federation are”; and

3 (H) in clause (i), by striking “;
4 and” and inserting “; or”;

5 (iii) in subparagraph (C)—

6 (I) in the subparagraph heading,
7 by striking “SUNSET AND”;

8 (H) by striking the first sentence;
9 and

10 (III) by striking “4 years after
11 enactment of this subsection” and in-
12 serting “December 20, 2023”; and

13 (iv) in subparagraph (D), by striking
14 “China and”; and

15 (F) by adding at the end the following:

16 “(3) SUNSET.—The Program on Trans-
17 formational Exports shall expire on December 31,
18 2026.

19 “(4) DEFINITIONS.—In this subsection:

20 “(A) ARRANGEMENT.—The term ‘Arrange-
21 ment’ means the Arrangement on Officially
22 Supported Export Credits of the Organization
23 for Economic Cooperation and Development.

24 “(B) COVERED COUNTRY.—The term ‘cov-
25 ered country’ means—

1 “(i) the People’s Republic of China;

2 “(ii) the Russian Federation; or

3 “(iii) any country that—

4 “(I) the Secretary of the Treas-
5 ury designates as a covered country in
6 a report to the Committee on Bank-
7 ing, Housing, and Urban Development
8 of the Senate and the Committee on
9 Financial Services of the House of
10 Representatives;

11 “(II) is not a participant in the
12 Arrangement; and

13 “(III) is not in substantial com-
14 pliance with the financial terms and
15 conditions of the Arrangement.”.

16 (2) CONFORMING AMENDMENT.—Section 8(l) of
17 the Export-Import Bank Act of 1945 (12 U.S.C.
18 635g(1)) is amended—

19 (A) in the subsection heading, by striking
20 “UNDER THE” and all that follows through
21 “EXPORTS” and inserting “UNDER THE PRO-
22 GRAM ON TRANSFORMATIONAL EXPORTS”; and

23 (B) by striking “China and”.

24 (c) REPORTING ON FINANCING RELATED TO PEO-
25 PLE’S REPUBLIC OF CHINA AND RUSSIAN FEDERA-

1 TION.—Section 408 of title IV of division I of the Further
 2 Consolidated Appropriations Act, 2020 (Public Law 116–
 3 94; 12 U.S.C. 635 note) is amended—

4 (1) in the section heading, by striking “**CHINA**”
 5 and inserting “**THE PEOPLE’S REPUBLIC OF**
 6 **CHINA AND THE RUSSIAN FEDERATION**”;

7 (2) in subsection (a), in the matter preceding
 8 paragraph (1), by striking “the government of
 9 China” and inserting “the Government of the Peo-
 10 ple’s Republic of China or the Government of the
 11 Russian Federation”;

12 (3) in subsection (c)(1)(C), by striking “the
 13 government of China” and inserting “the Govern-
 14 ment of the People’s Republic of China or the Gov-
 15 ernment of the Russian Federation”;

16 (4) by striking subsection (d) and inserting the
 17 following:

18 “(d) DEFINITIONS.—In this section:

19 “(1) GOVERNMENT OF THE PEOPLE’S REPUB-
 20 LIC OF CHINA.—The term ‘Government of the Peo-
 21 ple’s Republic of China’ means any person that the
 22 Bank has reason to believe is—

23 “(A) the state and the Government of the
 24 People’s Republic of China, as well as any polit-

1 ical subdivision, agency, or instrumentality
2 thereof;

3 ~~“(B) any entity controlled, directly or indi-~~
4 ~~rectly, by any of the foregoing, including any~~
5 ~~partnership, association, or other entity in~~
6 ~~which any of the foregoing owns a 50 percent~~
7 ~~or greater interest or a controlling interest, and~~
8 ~~any entity which is otherwise controlled by any~~
9 ~~of the foregoing;~~

10 ~~“(C) any person that is or has been acting~~
11 ~~or purporting to act, directly or indirectly, for~~
12 ~~or on behalf of any of the foregoing; and~~

13 ~~“(D) any other person which the Secretary~~
14 ~~of the Treasury has notified the Bank is in-~~
15 ~~cluded in any of the foregoing.~~

16 ~~“(2) GOVERNMENT OF THE RUSSIAN FEDERA-~~
17 ~~TION.—The term ‘Government of the Russian Fed-~~
18 ~~eration’ means any person that the Bank has reason~~
19 ~~to believe is—~~

20 ~~“(A) the state and the Government of the~~
21 ~~Russian Federation, as well as any political~~
22 ~~subdivision, agency, or instrumentality thereof;~~

23 ~~“(B) any entity controlled, directly or indi-~~
24 ~~rectly, by any of the foregoing, including any~~
25 ~~partnership, association, or other entity in~~

1 which any of the foregoing owns a 50 percent
 2 or greater interest or a controlling interest, and
 3 any entity which is otherwise controlled by any
 4 of the foregoing;

5 “(C) any person that is or has been acting
 6 or purporting to act, directly or indirectly, for
 7 or on behalf of any of the foregoing; and

8 “(D) any other person which the Secretary
 9 of the Treasury has notified the Bank is in-
 10 cluded in any of the foregoing.”; and

11 (5) in subsection (e)(2), in the matter preceding
 12 subparagraph (A), by striking “China is” and insert-
 13 ing “the People’s Republic of China and the Russian
 14 Federation are”.

15 **SEC. 16. U.S. NUCLEAR FUELS SECURITY INITIATIVE TO RE-**
 16 **DUCE RELIANCE ON NUCLEAR FUELS FROM**
 17 **RUSSIA AND CHINA.**

18 (a) OBJECTIVES.—The objectives of this section
 19 are—

20 (1) to expeditiously increase domestic produc-
 21 tion of low-enriched uranium (referred to in this sec-
 22 tion as “LEU”) by an annual amount determined by
 23 the Secretary to be appropriate to reduce the reli-
 24 ance of the United States and ally or partner na-
 25 tions on nuclear fuels from—

1 (A) the Russian Federation; and

2 (B) the People's Republic of China;

3 (2) to expeditiously increase domestic produc-
 4 tion of high-assay low-enriched uranium (referred to
 5 in this section as "HALEU") by an annual amount
 6 determined by the Secretary to be sufficient to meet
 7 the needs of the consortium established under sec-
 8 tion 2001(a)(2)(F) of the Energy Policy Act of 2020
 9 (42 U.S.C. 16281(a)(2)(F));

10 (3) to ensure the availability of domestically
 11 produced and converted uranium in an amount de-
 12 termined by the Secretary to be sufficient to address
 13 a reasonably anticipated supply disruption;

14 (4) to promote the domestic production, conver-
 15 sion, and enrichment of uranium; and

16 (5) to promote the deployment of United States
 17 uranium enrichment technology.

18 (b) DEFINITION OF PROGRAMS.—In this section, the
 19 term "Programs" means—

20 (1) the Nuclear Fuel Security Program estab-
 21 lished under subsection (c)(1);

22 (2) the National Strategic Uranium Reserve
 23 Program established under subsection (c)(2); and

24 (3) the American Assured Fuel Supply Pro-
 25 gram of the Department of Energy.

1 (c) ~~ESTABLISHMENT.~~—The Secretary, consistent
 2 with the objectives described in subsection (a), shall estab-
 3 lish—

4 (1) a program, to be known as the “Nuclear
 5 Fuel Security Program”, to reduce the reliance of
 6 the United States and ally or partner nations on nu-
 7 clear fuels from the Russian Federation and the
 8 People’s Republic of China by increasing the
 9 amounts of LEU and HALEU produced by U.S. nu-
 10 clear energy companies; and

11 (2) a program, to be known as the “National
 12 Strategic Uranium Reserve Program”, to ensure the
 13 availability of domestically produced and converted
 14 uranium in the event of a supply disruption.

15 (d) ~~NUCLEAR FUEL SECURITY PROGRAM.~~—In ear-
 16 rying out the Nuclear Fuel Security Program, the Sec-
 17 retary shall—

18 (1) not later than 1 year after the date of en-
 19 actment of this Act, select 1 or more U.S. nuclear
 20 energy companies to produce LEU in amounts and
 21 timeframes specified by the Secretary;

22 (2) not later than 1 year after the date of en-
 23 actment of this Act, select 1 or more U.S. nuclear
 24 energy companies to produce HALEU in amounts
 25 and timeframes specified by the Secretary;

1 ~~(3)~~ utilize only uranium produced and con-
 2 verted in the United States or a country described
 3 in any of subparagraphs ~~(A)~~ through ~~(H)~~ of section
 4 ~~2(2)~~;

5 ~~(4)~~ coordinate the operations of the Nuclear
 6 Fuel Security Program and the National Strategic
 7 Uranium Reserve Program as the Secretary deter-
 8 mines to be appropriate; and

9 ~~(5)~~ take other actions that the Secretary deter-
 10 mines to be necessary or appropriate to reduce the
 11 reliance of the United States and ally or partner na-
 12 tions on nuclear fuels from the Russian Federation
 13 and the People's Republic of China.

14 ~~(e) NATIONAL STRATEGIC URANIUM RESERVE PRO-~~
 15 GRAM.—

16 ~~(1) IN GENERAL.—~~In carrying out the National
 17 Strategic Uranium Reserve Program, the Secretary
 18 shall—

19 ~~(A)~~ immediately on enactment of this Act,
 20 use the funds reallocated by paragraph ~~(2)~~ to
 21 initiate the establishment of a National Stra-
 22 tegic Uranium Reserve;

23 ~~(B)~~ make the National Strategic Uranium
 24 Reserve operational by acquiring uranium in

1 amounts and timeframes specified by the Sec-
2 retary;

3 ~~(C)~~ maintain, replenish, or increase the
4 amount of uranium in the National Strategic
5 Uranium Reserve in a manner determined by
6 the Secretary to be consistent with the objec-
7 tives described in subsection (a);

8 ~~(D)~~ utilize only uranium produced and
9 converted in the United States;

10 ~~(E)~~ make uranium available from the Na-
11 tional Strategic Uranium Reserve, subject to
12 terms and conditions determined by the Sec-
13 retary to be reasonable and appropriate;

14 ~~(F)~~ coordinate the operations of the Nu-
15 clear Fuel Security Program and the National
16 Strategic Uranium Reserve Program as the
17 Secretary determines to be appropriate; and

18 ~~(G)~~ take other actions that the Secretary
19 determines to be necessary or appropriate to
20 address a uranium supply disruption.

21 ~~(2)~~ REALLOCATION.—Notwithstanding any
22 other provision of law, amounts made available to
23 the National Nuclear Security Administration for
24 the Uranium Reserve Program by, and described in
25 the first proviso in, the matter under the heading

1 “WEAPONS ACTIVITIES” under the heading “NA-
 2 TIONAL NUCLEAR SECURITY ADMINISTRA-
 3 TION” under the heading “ATOMIC ENERGY
 4 DEFENSE ACTIVITIES” in title III of division D
 5 of the Consolidated Appropriations Act, 2021 (Pub-
 6 lic Law 116–260; 134 Stat. 1369), that remain
 7 available as of the date of enactment of this Act
 8 shall be reallocated, as directed by the Secretary, for
 9 the purpose of establishing and initiating operation
 10 of the National Strategic Uranium Reserve by—

11 (A) continuing the activities initiated by
 12 the National Nuclear Security Administration
 13 using the amounts described in that proviso;

14 (B) carrying out other activities consistent
 15 with the purposes for which those amounts were
 16 made available under that Act; and

17 (C) carrying out activities in accordance
 18 with the objectives described in subsection (a).

19 (f) CONTINUATION OF THE AMERICAN ASSURED
 20 FUEL SUPPLY PROGRAM.—In carrying out the American
 21 Assured Fuel Supply Program, the Secretary shall—

22 (1) maintain, replenish, or increase the amount
 23 of uranium in the National Strategic Uranium Re-
 24 serve in a manner determined by the Secretary to be

1 consistent with the purposes of that program and
 2 the objectives described in subsection (a);

3 ~~(2)~~ make uranium available from the American
 4 Assured Fuel Supply, subject to terms and condi-
 5 tions determined by the Secretary to be reasonable
 6 and appropriate;

7 ~~(3)~~ coordinate the operations of the National
 8 Strategic Uranium Reserve Program and the Amer-
 9 ican Assured Fuel Supply Program as the Secretary
 10 determines to be appropriate;

11 ~~(4)~~ if determined by the Secretary to be appro-
 12 priate and consistent with the objectives described in
 13 subsection (a), merge the operations of the National
 14 Strategic Uranium Reserve Program and the Amer-
 15 ican Assured Fuel Supply Program; and

16 ~~(5)~~ take other actions that the Secretary deter-
 17 mines to be necessary or appropriate to address the
 18 purposes of the American Assured Fuel Supply Pro-
 19 gram and the objectives described in subsection (a).
 20 ~~(g)~~ AUTHORITY.—

21 ~~(1)~~ IN GENERAL.—In carrying out the Pro-
 22 grams, the Secretary, in coordination with the Sec-
 23 retary of State, may—

24 ~~(A)~~ in addition to exercising the authority
 25 granted to the Secretary under any other provi-

1 sion of law, enter into transactions (other than
2 contracts, cooperative agreements, financial as-
3 sistance agreements, or the provision of any
4 other financial assistance) with an ally or part-
5 ner nation, a U.S. energy company, or any
6 other domestic or foreign entity for any activity
7 to carry out the Programs, including the acqui-
8 sition or provision of uranium, conversion serv-
9 ices, enrichment services, LEU, HALEU, and
10 related goods and services, in the same manner
11 as the Secretary of Defense under section 4021
12 of title 10, United States Code (other than sub-
13 sections (b) and (f) of that section);

14 (B) make acquisitions for the Programs
15 through the use of competitive selection proc-
16 esses that the Secretary determines to be ap-
17 propriate to achieve the objectives described in
18 subsection (a) in an expeditious manner;

19 (C)(i) establish milestones for achieving
20 specified objectives, including the production of
21 LEU and HALEU in amounts and timeframes
22 specified by the Secretary; and

23 (ii) provide awards and other forms of in-
24 centives for meeting those milestones;

(D) provide loan guarantees, other financial assistance, or assistance in the form of revenue guarantees or similar mechanisms;

(E) charge an amount for the provision of uranium, conversion services, enrichment services, LEU, HALEU, and other goods and services that, in the opinion of the Secretary, provides reasonable compensation, taking into account fair market value and the objectives described in subsection (a); and

(F) notwithstanding section 3302 of title 31, United States Code—

(i) receive and retain revenues from the sale or transfer of uranium, LEU, or HALEU and from other activities related to the Programs; and

(ii) expend those revenues for purposes related to the program from which the revenues are derived.

(2) AVAILABILITY OF FUNDS.—The revenues described in paragraph (1)(F) shall remain available until expended.

(h) DOMESTIC SOURCING CONSIDERATIONS.—

(1) IN GENERAL.—Except as provided in paragraph (2), the Secretary may only carry out an ac-

1 tivity in connection with 1 or more of the Programs
2 if—

3 (A) the activity promotes manufacturing in
4 the United States; or

5 (B) the activity relies on resources, mate-
6 rials, or equipment developed or produced—

7 (i) in the United States; or

8 (ii) in a country described in any of
9 subparagraphs (A) through (H) of section
10 2(2) by—

11 (I) a U.S. nuclear energy com-
12 pany;

13 (H) an ally or partner nation; or

14 (III) an associated entity.

15 (2) WAIVER.—The Secretary may waive the re-
16 quirements of paragraph (1) with respect to an ac-
17 tivity if the Secretary determines a waiver to be nec-
18 essary to achieve 1 or more of the objectives de-
19 scribed in subsection (a).

20 (i) EXCLUSIONS.—The Secretary may not carry out
21 an activity in connection with the Programs with an entity
22 that is—

23 (1) owned or controlled by the Government of
24 the Russian Federation or the Government of the
25 People's Republic of China; or

1 ~~(2) organized under the laws of, or otherwise~~
 2 ~~subject to the jurisdiction of, the Russian Federation~~
 3 ~~or the People’s Republic of China.~~

4 ~~(j) NUCLEAR REGULATORY COMMISSION.—The Nu-~~
 5 ~~clear Regulatory Commission shall prioritize and expedite~~
 6 ~~consideration of any action related to the Programs to the~~
 7 ~~extent permitted under the Atomic Energy Act of 1954~~
 8 ~~(42 U.S.C. 2011 et seq.) and related statutes.~~

9 ~~(k) USEC PRIVATIZATION ACT.—~~

10 ~~(1) IN GENERAL.—The requirements of section~~
 11 ~~3112 of the USEC Privatization Act (42 U.S.C.~~
 12 ~~2297h–10) shall not apply to activities related to the~~
 13 ~~Programs.~~

14 ~~(2) AMENDMENT.—Section 3112A(c)(2)(A) of~~
 15 ~~the USEC Privatization Act (42 U.S.C. 2297h–~~
 16 ~~10a(c)(2)(A)) is amended—~~

17 ~~(A) in clause (xii), by inserting “and” after~~
 18 ~~the semicolon at the end;~~

19 ~~(B) by striking clauses (xiii) through~~
 20 ~~(xxvii); and~~

21 ~~(C) by adding at the end the following:~~

22 ~~“(xiii) in calendar year 2026 and each~~
 23 ~~calendar year thereafter, 0 kilograms.”.~~

1 ~~(H) AUTHORIZATION OF APPROPRIATIONS.—In addi-~~
 2 ~~tion to amounts otherwise available, there are authorized~~
 3 ~~to be appropriated to the Secretary—~~

4 ~~(1) for the Nuclear Fuel Security Program,~~
 5 ~~\$3,500,000,000 for fiscal year 2023, to remain~~
 6 ~~available until September 30, 2031; and~~

7 ~~(2) for the National Strategic Uranium Reserve~~
 8 ~~Program and the American Assured Fuel Supply~~
 9 ~~Program, such sums as are necessary for the period~~
 10 ~~of fiscal years 2023 through 2030, to remain avail-~~
 11 ~~able until September 30, 2031.~~

12 **SECTION 1. SHORT TITLE.**

13 *This Act may be cited as the “International Nuclear*
 14 *Energy Act”.*

15 **SEC. 2. DEFINITIONS.**

16 *In this Act:*

17 (1) *ADVANCED NUCLEAR REACTOR.—The term*
 18 *“advanced nuclear reactor” has the meaning given the*
 19 *term in section 951(b) of the Energy Policy Act of*
 20 *2005 (42 U.S.C. 16271(b)).*

21 (2) *ALLY OR PARTNER NATION.—The term “ally*
 22 *or partner nation” means—*

23 *(A) the Government of any country that is*
 24 *a member of the Organisation for Economic Co-*
 25 *operation and Development;*

1 (B) *the Government of the Republic of*
 2 *India; and*

3 (C) *the Government of any country des-*
 4 *ignated as an ally or partner nation by the Sec-*
 5 *retary of State for purposes of this Act.*

6 (3) *APPROPRIATE COMMITTEES OF CONGRESS.—*
 7 *The term “appropriate committees of Congress”*
 8 *means—*

9 (A) *the Committees on Foreign Relations*
 10 *and Energy and Natural Resources of the Sen-*
 11 *ate; and*

12 (B) *the Committees on Foreign Affairs and*
 13 *Energy and Commerce of the House of Rep-*
 14 *resentatives.*

15 (4) *ASSISTANT.—The term “Assistant” means*
 16 *the Assistant to the President and Director for Inter-*
 17 *national Nuclear Energy Policy described in section*
 18 *3(a)(1)(D).*

19 (5) *ASSOCIATED ENTITY.—The term “associated*
 20 *entity” means an entity that—*

21 (A) *is owned, controlled, or operated by—*

22 (i) *an ally or partner nation; or*

23 (ii) *an associated individual; or*

24 (B) *is organized under the laws of, or other-*
 25 *wise subject to the jurisdiction of, a country de-*

1 *scribed in paragraph (2), including a corpora-*
 2 *tion that is incorporated in a country described*
 3 *in that paragraph.*

4 (6) *ASSOCIATED INDIVIDUAL.*—*The term “associ-*
 5 *ated individual” means a foreign national who is a*
 6 *national of a country described in paragraph (2).*

7 (7) *CIVIL NUCLEAR.*—*The term “civil nuclear”*
 8 *means activities relating to—*

- 9 *(A) nuclear plant construction;*
- 10 *(B) nuclear fuel services;*
- 11 *(C) nuclear energy financing;*
- 12 *(D) nuclear plant operations;*
- 13 *(E) nuclear plant regulation;*
- 14 *(F) nuclear medicine;*
- 15 *(G) nuclear safety;*
- 16 *(H) community engagement in areas in*
 17 *reasonable proximity to nuclear sites;*
- 18 *(I) infrastructure support for nuclear en-*
 19 *ergy;*
- 20 *(J) nuclear plant decommissioning;*
- 21 *(K) nuclear liability;*
- 22 *(L) safe storage and safe disposal of spent*
 23 *nuclear fuel;*
- 24 *(M) environmental safeguards;*

1 (N) *nuclear nonproliferation and security;*

2 *and*

3 (O) *technology related to the matters de-*

4 *scribed in subparagraphs (A) through (N).*

5 (8) *EMBARKING CIVIL NUCLEAR ENERGY NA-*

6 *TION.—*

7 (A) *IN GENERAL.—The term “embarking*

8 *civil nuclear energy nation” means a country*

9 *that—*

10 (i) *does not have a civil nuclear pro-*

11 *gram;*

12 (ii) *is in the process of developing or*

13 *expanding a civil nuclear program, includ-*

14 *ing safeguards and a legal and regulatory*

15 *framework, for—*

16 (I) *nuclear safety;*

17 (II) *nuclear security;*

18 (III) *radioactive waste manage-*

19 *ment;*

20 (IV) *civil nuclear energy;*

21 (V) *environmental safeguards;*

22 (VI) *community engagement in*

23 *areas in reasonable proximity to nu-*

24 *clear sites;*

25 (VII) *nuclear liability; or*

1 (VIII) *advanced nuclear reactor*
 2 *licensing;*

3 (iii) *is in the process of selecting, de-*
 4 *veloping, constructing, or utilizing ad-*
 5 *vanced light water reactors, advanced nu-*
 6 *clear reactors, or advanced civil nuclear*
 7 *technologies; and*

8 (iv) *is eligible to receive development*
 9 *lending from the World Bank.*

10 (B) *EXCLUSIONS.—The term “embarking*
 11 *civil nuclear energy nation” does not include—*

12 (i) *the People’s Republic of China;*

13 (ii) *the Russian Federation;*

14 (iii) *the Republic of Belarus;*

15 (iv) *the Islamic Republic of Iran;*

16 (v) *the Democratic People’s Republic of*
 17 *Korea;*

18 (vi) *the Republic of Cuba;*

19 (vii) *the Bolivarian Republic of Ven-*
 20 *ezuela;*

21 (viii) *the Syrian Arab Republic; or*

22 (ix) *any other country—*

23 (I) *the property or interests in*
 24 *property of the government of which*
 25 *are blocked pursuant to the Inter-*

1 *national Emergency Economic Powers*
 2 *Act (50 U.S.C. 1701 et seq.); or*

3 *(II) the government of which the*
 4 *Secretary of State has determined has*
 5 *repeatedly provided support for acts of*
 6 *international terrorism for purposes*
 7 *of—*

8 *(aa) section 620A(a) of the*
 9 *Foreign Assistance Act of 1961*
 10 *(22 U.S.C. 2371(a));*

11 *(bb) section 40(d) of the*
 12 *Arms Export Control Act (22*
 13 *U.S.C. 2780(d));*

14 *(cc) section 1754(c)(1)(A)(i)*
 15 *of the Export Control Reform Act*
 16 *of 2018 (50 U.S.C.*
 17 *4813(c)(1)(A)(i)); or*

18 *(dd) any other relevant pro-*
 19 *vision of law.*

20 *(9) NUCLEAR SAFETY.—The term “nuclear safe-*
 21 *ty” means issues relating to the design, construction,*
 22 *operation, or decommissioning of nuclear facilities in*
 23 *a manner that ensures adequate protection of workers,*
 24 *the public, and the environment, including—*

1 (A) *the safe operation of nuclear reactors*
 2 *and other nuclear facilities;*

3 (B) *radiological protection of—*

4 (i) *members of the public;*

5 (ii) *workers; and*

6 (iii) *the environment;*

7 (C) *nuclear waste management;*

8 (D) *emergency preparedness;*

9 (E) *nuclear liability; and*

10 (F) *the safe transportation of nuclear mate-*
 11 *rials.*

12 (10) *SECRETARY.—The term “Secretary” means*
 13 *the Secretary of Energy.*

14 (11) *SPENT NUCLEAR FUEL.—The term “spent*
 15 *nuclear fuel” has the meaning given the term in sec-*
 16 *tion 2 of the Nuclear Waste Policy Act of 1982 (42*
 17 *U.S.C. 10101).*

18 (12) *U.S. NUCLEAR ENERGY COMPANY.—The*
 19 *term “U.S. nuclear energy company” means a com-*
 20 *pany that—*

21 (A) *is organized under the laws of, or other-*
 22 *wise subject to the jurisdiction of, the United*
 23 *States; and*

24 (B) *is involved in the nuclear energy indus-*
 25 *try.*

1 **SEC. 3. CIVIL NUCLEAR COORDINATION AND STRATEGY.**

2 (a) *WHITE HOUSE FOCAL POINT ON COORDINA-*
 3 *TION.—*

4 (1) *SENSE OF CONGRESS.—Given the critical*
 5 *importance of developing and implementing, with*
 6 *input from various agencies throughout the executive*
 7 *branch, a cohesive policy with respect to international*
 8 *efforts related to civil nuclear energy, it is the sense*
 9 *of Congress that—*

10 (A) *there should be a focal point within the*
 11 *White House, which may, if determined to be ap-*
 12 *propriate, report to the National Security Coun-*
 13 *cil, for coordination on issues relating to those*
 14 *efforts;*

15 (B) *to provide that focal point, the Presi-*
 16 *dent should establish, within the Executive Office*
 17 *of the President, an office, to be known as the*
 18 *“Office of the Assistant to the President and Di-*
 19 *rector for International Nuclear Energy Policy”*
 20 *(referred to in this subsection as the “Office”);*

21 (C) *the Office should act as a coordinating*
 22 *office for—*

23 (i) *international civil nuclear coopera-*
 24 *tion; and*

25 (ii) *civil nuclear export strategy;*

1 (D) the Office should be headed by an indi-
 2 vidual appointed as an Assistant to the Presi-
 3 dent with the title of “Director for International
 4 Nuclear Energy Policy”; and

5 (E) the Office should—

6 (i) coordinate civil nuclear export poli-
 7 cies for the United States;

8 (ii) develop, in coordination with the
 9 officials described in paragraph (2), a cohe-
 10 sive Federal strategy for engagement with
 11 foreign governments (including ally or part-
 12 ner nations and the governments of embark-
 13 ing civil nuclear energy nations), associated
 14 entities, and associated individuals with re-
 15 spect to civil nuclear exports;

16 (iii) coordinate with the officials de-
 17 scribed in paragraph (2) to ensure that nec-
 18 essary framework agreements and trade
 19 controls relating to civil nuclear materials
 20 and technologies are in place for key mar-
 21 kets; and

22 (iv) develop—

23 (I) a whole-of-government coordi-
 24 nating strategy for civil nuclear co-
 25 operation;

1 (II) *a whole-of-government strat-*
 2 *egy for civil nuclear exports; and*

3 (III) *a whole-of-government ap-*
 4 *proach to support appropriate foreign*
 5 *investment in civil nuclear energy*
 6 *projects supported by the United States*
 7 *in embarking civil nuclear energy na-*
 8 *tions.*

9 (2) *OFFICIALS DESCRIBED.—The officials re-*
 10 *ferred to in paragraph (1)(E) are—*

11 (A) *the appropriate officials of—*

12 (i) *the Department of State;*

13 (ii) *the Department of Energy;*

14 (iii) *the Department of Commerce;*

15 (iv) *the Department of Transportation;*

16 (v) *the Nuclear Regulatory Commis-*
 17 *sion;*

18 (vi) *the Department of Defense;*

19 (vii) *the National Security Council;*

20 (viii) *the National Economic Council;*

21 (ix) *the Office of the United States*
 22 *Trade Representative;*

23 (x) *the Office of Management and*
 24 *Budget;*

1 (xi) the Office of the Director of Na-
2 tional Intelligence;

3 (xii) the Export-Import Bank of the
4 United States;

5 (xiii) the United States International
6 Development Finance Corporation;

7 (xiv) the United States Agency for
8 International Development;

9 (xv) the United States Trade and De-
10 velopment Agency;

11 (xvi) the Office of Science and Tech-
12 nology Policy; and

13 (xvii) any other Federal agency that
14 the President determines to be appropriate;
15 and

16 (B) appropriate officials representing for-
17 eign countries and governments, including—

18 (i) ally or partner nations;

19 (ii) embarking civil nuclear energy na-
20 tions; and

21 (iii) any other country or government
22 that the Assistant (if appointed) and the of-
23 ficials described in subparagraph (A) joint-
24 ly determine to be appropriate.

25 (b) NUCLEAR EXPORTS WORKING GROUP.—

1 (1) *ESTABLISHMENT.*—*There is established a*
2 *working group, to be known as the “Nuclear Exports*
3 *Working Group” (referred to in this subsection as the*
4 *“working group”).*

5 (2) *COMPOSITION.*—*The working group shall be*
6 *composed of—*

7 (A) *senior-level Federal officials, selected in-*
8 *ternally by the applicable Federal agency or or-*
9 *ganization, from—*

10 (i) *the Department of State;*

11 (ii) *the Department of Commerce;*

12 (iii) *the Department of Energy;*

13 (iv) *the Department of the Treasury;*

14 (v) *the Export-Import Bank of the*
15 *United States;*

16 (vi) *the United States International*
17 *Development Finance Corporation;*

18 (vii) *the Nuclear Regulatory Commis-*
19 *sion;*

20 (viii) *the Office of the United States*
21 *Trade Representative; and*

22 (ix) *the United States Trade and De-*
23 *velopment Agency; and*

24 (B) *other senior-level Federal officials, se-*
25 *lected internally by the applicable Federal agen-*

1 *cy or organization, from any other Federal agen-*
2 *cy or organization that the Secretary determines*
3 *to be appropriate.*

4 (3) *REPORTING.*—*The working group shall re-*
5 *port to the appropriate White House official, which*
6 *may be the Assistant (if appointed).*

7 (4) *DUTIES.*—*The working group shall coordi-*
8 *nate, not less frequently than quarterly, with the Civil*
9 *Nuclear Trade Advisory Committee of the Department*
10 *of Commerce, the Nuclear Energy Advisory Com-*
11 *mittee of the Department of Energy, and other advi-*
12 *sory or stakeholder groups, as necessary, to maintain*
13 *an accurate and up-to-date knowledge of the standing*
14 *of civil nuclear exports from the United States, in-*
15 *cluding with respect to meeting the targets established*
16 *as part of the 10-year civil nuclear trade strategy de-*
17 *scribed in paragraph (5)(A).*

18 (5) *STRATEGY.*—

19 (A) *IN GENERAL.*—*Not later than 1 year*
20 *after the date of enactment of this Act, the work-*
21 *ing group shall establish a 10-year civil nuclear*
22 *trade strategy, including biennial targets for the*
23 *export of civil nuclear technologies, including*
24 *light water and non-light water reactors and as-*
25 *sociated equipment and technologies, civil nu-*

1 clear materials, and nuclear fuel that align with
 2 meeting international energy demand while seek-
 3 ing to avoid or reduce emissions.

4 (B) *COLLABORATION REQUIRED.*—In estab-
 5 lishing the strategy under subparagraph (A), the
 6 working group shall collaborate with—

7 (i) the Secretary;

8 (ii) the Secretary of Commerce;

9 (iii) the Secretary of State;

10 (iv) the Secretary of the Treasury;

11 (v) the Nuclear Regulatory Commis-
 12 sion;

13 (vi) the President of the Export-Import
 14 Bank of the United States;

15 (vii) the Chief Executive Officer of the
 16 United States International Development
 17 Finance Corporation;

18 (viii) the United States Trade Rep-
 19 resentative; and

20 (ix) representatives of private industry.

21 **SEC. 4. ENGAGEMENT WITH ALLY OR PARTNER NATIONS.**

22 (a) *IN GENERAL.*—The President shall launch, in ac-
 23 cordance with applicable nuclear technology export laws
 24 (including regulations), an international initiative to mod-

1 ernize the civil nuclear outreach to embarking civil nuclear
2 energy nations.

3 (b) *FINANCING*.—In carrying out the initiative de-
4 scribed in subsection (a), the President, acting through an
5 appropriate Federal official, who may be the Assistant (if
6 appointed) or the Chief Executive Officer of the Inter-
7 national Development Finance Corporation, if determined
8 to be appropriate, and in coordination with the officials
9 described in section 3(a)(2), may, if the President deter-
10 mines to be appropriate, seek to establish cooperative fi-
11 nancing relationships for the export of civil nuclear tech-
12 nology, components, materials, and infrastructure to em-
13 barking civil nuclear energy nations.

14 (c) *ACTIVITIES*.—In carrying out the initiative de-
15 scribed in subsection (a), the President shall—

16 (1) assist nongovernmental organizations and
17 appropriate offices, administrations, agencies, labora-
18 tories, and programs of the Department of Energy
19 and other relevant Federal agencies and offices in
20 providing education and training to foreign govern-
21 ments in nuclear safety, security, and safeguards—

22 (A) through engagement with the Inter-
23 national Atomic Energy Agency; or

24 (B) independently, if the applicable entity
25 determines that it would be more advantageous

1 *under the circumstances to provide the applica-*
 2 *ble education and training independently;*

3 *(2) assist the efforts of the International Atomic*
 4 *Energy Agency to expand the support provided by the*
 5 *International Atomic Energy Agency to embarking*
 6 *civil nuclear energy nations for nuclear safety, secu-*
 7 *rity, and safeguards;*

8 *(3) coordinate the work of the Chief Executive*
 9 *Officer of the United States International Develop-*
 10 *ment Finance Corporation to expand outreach to the*
 11 *private investment community to create public-pri-*
 12 *vate financing relationships to assist in the export of*
 13 *civil nuclear technology to embarking civil nuclear*
 14 *energy nations;*

15 *(4) seek to better coordinate, to the maximum ex-*
 16 *tent practicable, the work carried out by each of—*

17 *(A) the Nuclear Regulatory Commission;*

18 *(B) the Department of Energy;*

19 *(C) the Department of Commerce;*

20 *(D) the Nuclear Energy Agency;*

21 *(E) the International Atomic Energy Agen-*
 22 *cy; and*

23 *(F) the nuclear regulatory agencies and or-*
 24 *ganizations of embarking civil nuclear energy*
 25 *nations and ally or partner nations; and*

1 (5) *improve the efficient and effective exporting*
 2 *and importing of civil nuclear technologies and mate-*
 3 *rials.*

4 **SEC. 5. COOPERATIVE FINANCING RELATIONSHIPS WITH**
 5 **ALLY OR PARTNER NATIONS AND EMBARKING**
 6 **CIVIL NUCLEAR ENERGY NATIONS.**

7 (a) *IN GENERAL.*—*The President shall designate an*
 8 *appropriate White House official, who may be the Assistant*
 9 *(if appointed), and the Chief Executive Officer of the United*
 10 *States International Development Finance Corporation to*
 11 *coordinate with the officials described in section 3(a)(2) to*
 12 *develop, as the President determines to be appropriate, fi-*
 13 *nancing relationships with ally or partner nations to ad-*
 14 *vance civil nuclear exports from the United States or ally*
 15 *or partner nations to embarking civil nuclear energy na-*
 16 *tions.*

17 (b) *UNITED STATES COMPETITIVENESS CLAUSES.*—

18 (1) *DEFINITION OF UNITED STATES COMPETI-*
 19 *TIVENESS CLAUSE.*—*In this subsection, the term*
 20 *“United States competitiveness clause” means any*
 21 *United States competitiveness provision in any agree-*
 22 *ment entered into by the Department of Energy, in-*
 23 *cluding—*

24 (A) *a cooperative agreement;*

1 (B) a cooperative research and development
2 agreement; and

3 (C) a patent waiver.

4 (2) *CONSIDERATION.*—In carrying out subsection
5 (a), the relevant officials described in that subsection
6 shall consider the impact of United States competi-
7 tiveness clauses on any financing relationships en-
8 tered into or proposed to be entered into under that
9 subsection.

10 (3) *WAIVER.*—The Secretary shall facilitate
11 waivers of United States competitiveness clauses as
12 necessary to facilitate financing relationships with
13 ally or partner nations under subsection (a).

14 **SEC. 6. COOPERATION WITH ALLY OR PARTNER NATIONS**
15 **ON ADVANCED NUCLEAR REACTOR DEM-**
16 **ONSTRATION AND COOPERATIVE RESEARCH**
17 **FACILITIES FOR CIVIL NUCLEAR ENERGY.**

18 (a) *IN GENERAL.*—Not later than 2 years after the
19 date of enactment of this Act, the Secretary of State, in
20 coordination with the Secretary and the Secretary of Com-
21 merce, shall conduct bilateral and multilateral meetings
22 with not fewer than 5 ally or partner nations, with the aim
23 of enhancing nuclear energy cooperation among those ally
24 or partner nations and the United States, for the purpose
25 of developing collaborative relationships with respect to re-

1 *search, development, licensing, and deployment of advanced*
 2 *nuclear reactor technologies for civil nuclear energy.*

3 *(b) REQUIREMENT.—The meetings described in sub-*
 4 *section (a) shall include—*

5 *(1) a focus on cooperation to demonstrate and*
 6 *deploy advanced nuclear reactors, with an emphasis*
 7 *on U.S. nuclear energy companies, during the 10-year*
 8 *period beginning on the date of enactment of this Act*
 9 *to provide options for addressing climate change by*
 10 *2050; and*

11 *(2) a focus on developing a memorandum of un-*
 12 *derstanding or any other appropriate agreement be-*
 13 *tween the United States and ally or partner nations*
 14 *with respect to—*

15 *(A) the demonstration and deployment of*
 16 *advanced nuclear reactors; and*

17 *(B) the development of cooperative research*
 18 *facilities.*

19 *(c) FINANCING ARRANGEMENTS.—In conducting the*
 20 *meetings described in subsection (a), the Secretary of State,*
 21 *in coordination with the Secretary and the Secretary of*
 22 *Commerce, shall seek to develop financing arrangements to*
 23 *share the costs of the demonstration and deployment of ad-*
 24 *vanced nuclear reactors and the development of cooperative*

1 *research facilities with the ally or partner nations partici-*
 2 *pating in those meetings.*

3 *(d) REPORT.—Not later than 1 year after the date of*
 4 *enactment of this Act, the Secretary, the Secretary of State,*
 5 *and the Secretary of Commerce shall jointly submit to Con-*
 6 *gress a report highlighting potential partners—*

7 *(1) for the establishment of cost-share arrange-*
 8 *ments described in subsection (c); or*

9 *(2) with which the United States may enter into*
 10 *agreements with respect to—*

11 *(A) the demonstration of advanced nuclear*
 12 *reactors; or*

13 *(B) cooperative research facilities.*

14 **SEC. 7. INTERNATIONAL CIVIL NUCLEAR ENERGY CO-**
 15 **OPERATION.**

16 *Section 959B of the Energy Policy Act of 2005 (42*
 17 *U.S.C. 16279b) is amended—*

18 *(1) in the matter preceding paragraph (1), by*
 19 *striking “The Secretary” and inserting the following:*

20 *“(a) IN GENERAL.—The Secretary”;*

21 *(2) in subsection (a) (as so designated)—*

22 *(A) in paragraph (1)—*

23 *(i) by striking “financing,”; and*

24 *(ii) by striking “and” after the semi-*
 25 *colon at the end;*

1 (B) in paragraph (2)—

2 (i) in subparagraph (A), by striking
3 “preparations for”; and

4 (ii) in subparagraph (C)(v), by strik-
5 ing the period at the end and inserting a
6 semicolon; and

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

8 “(3) to support, in consultation with the Sec-
9 retary of State, the safe, secure, and peaceful use of
10 civil nuclear technology in countries developing nu-
11 clear energy programs, with a focus on countries that
12 have increased civil nuclear cooperation with the Rus-
13 sian Federation or the People’s Republic of China;
14 and

15 “(4) to promote the fullest utilization of the reac-
16 tors, fuel, equipment, services, and technology of U.S.
17 nuclear energy companies (as defined in section 2 of
18 the International Nuclear Energy Act) in civil nu-
19 clear energy programs outside the United States
20 through—

21 “(A) bilateral and multilateral arrange-
22 ments developed and executed in coordination
23 with the Secretary of State that contain commit-
24 ments for the utilization of the reactors, fuel,
25 equipment, services, and technology of U.S. nu-

1 *clear energy companies (as defined in that sec-*
 2 *tion);*

3 *“(B) the designation of 1 or more U.S. nu-*
 4 *clear energy companies (as defined in that sec-*
 5 *tion) to implement an arrangement under sub-*
 6 *paragraph (A) if the Secretary determines that*
 7 *the designation is necessary and appropriate to*
 8 *achieve the objectives of this section;*

9 *“(C) the waiver of any provision of law re-*
 10 *lating to competition with respect to any activ-*
 11 *ity related to an arrangement under subpara-*
 12 *graph (A) if the Secretary, in consultation with*
 13 *the Attorney General and the Secretary of Com-*
 14 *merce, determines that a waiver is necessary and*
 15 *appropriate to achieve the objectives of this sec-*
 16 *tion; and*

17 *“(D) the issuance of loans, loan guarantees,*
 18 *other financial assistance, or assistance in the*
 19 *form of an equity interest to carry out activities*
 20 *related to an arrangement under subparagraph*
 21 *(A), to the extent appropriated funds are avail-*
 22 *able.”; and*

23 *(3) by adding at the end the following:*

24 *“(b) REQUIREMENTS.—The program under subsection*
 25 *(a) shall—*

1 “(1) with respect to the function described in
 2 subsection (a)(3), be modeled after the International
 3 Military Education and Training program of the De-
 4 partment of State; and

5 “(2) be authorized and directed by the Secretary
 6 of State and implemented by the Secretary—

7 “(A) to facilitate, to the maximum extent
 8 practicable, workshops and expert-based ex-
 9 changes to engage industry, stakeholders, and
 10 foreign governments with respect to international
 11 civil nuclear issues, such as—

12 “(i) training;

13 “(ii) financing;

14 “(iii) safety;

15 “(iv) security;

16 “(v) safeguards;

17 “(vi) liability;

18 “(vii) advanced fuels;

19 “(viii) operations; and

20 “(ix) options for multinational co-
 21 operation with respect to the disposal of
 22 spent nuclear fuel (as defined in section 2
 23 of the Nuclear Waste Policy Act of 1982 (42
 24 U.S.C. 10101)); and

25 “(B) in coordination with—

1 “(i) the National Security Council;
 2 “(ii) the Secretary of State;
 3 “(iii) the Secretary of Commerce; and
 4 “(iv) the Nuclear Regulatory Commis-
 5 sion.

6 “(c) *AUTHORIZATION OF APPROPRIATIONS.*—*There is*
 7 *authorized to be appropriated to the Secretary to carry out*
 8 *subsection (a)(3) \$15,500,000 for each of fiscal years 2023*
 9 *through 2027.”.*

10 **SEC. 8. INTERNATIONAL CIVIL NUCLEAR PROGRAM SUP-**
 11 **PORT.**

12 (a) *IN GENERAL.*—*Not later than 120 days after the*
 13 *date of enactment of this Act, the Secretary of State, in*
 14 *coordination with the Secretary and the Assistant (if ap-*
 15 *pointed), shall launch an international initiative (referred*
 16 *to in this section as the “initiative”) to provide financial*
 17 *assistance to, and facilitate the building of technical capac-*
 18 *ities by, in accordance with this section, embarking civil*
 19 *nuclear energy nations for activities relating to the develop-*
 20 *ment of civil nuclear energy programs.*

21 (b) *FINANCIAL ASSISTANCE.*—

22 (1) *IN GENERAL.*—*In carrying out the initiative,*
 23 *the Secretary of State, in coordination with the Sec-*
 24 *retary and the Assistant (if appointed), may award*
 25 *grants of financial assistance to embarking civil nu-*

1 *clear energy nations in accordance with this sub-*
 2 *section—*

3 *(A) for activities relating to the development*
 4 *of civil nuclear energy programs; and*

5 *(B) to facilitate the building of technical ca-*
 6 *pacities for those activities.*

7 *(2) AMOUNT.—The amount of a grant of finan-*
 8 *cial assistance under paragraph (1) shall be not more*
 9 *than \$5,500,000.*

10 *(3) LIMITATIONS.—The Secretary of State, in co-*
 11 *ordination with the Secretary and the Assistant (if*
 12 *appointed), may award—*

13 *(A) not more than 1 grant of financial as-*
 14 *sistance under paragraph (1) to any 1 embark-*
 15 *ing civil nuclear energy nation each fiscal year;*
 16 *and*

17 *(B) not more than a total of 5 grants of fi-*
 18 *nancial assistance under paragraph (1) to any 1*
 19 *embarking civil nuclear energy nation.*

20 *(c) SENIOR ADVISORS.—*

21 *(1) IN GENERAL.—In carrying out the initiative,*
 22 *the Secretary of State, in coordination with the Sec-*
 23 *retary and the Assistant (if appointed), may provide*
 24 *financial assistance to an embarking civil nuclear en-*
 25 *ergy nation for the purpose of contracting with a*

1 *U.S. nuclear energy company to hire 1 or more senior*
 2 *advisors to assist the embarking civil nuclear energy*
 3 *nation in establishing a civil nuclear program.*

4 (2) *REQUIREMENT.—A senior advisor described*
 5 *in paragraph (1) shall have relevant experience and*
 6 *qualifications to advise the embarking civil nuclear*
 7 *energy nation on, and facilitate on behalf of the em-*
 8 *barking civil nuclear energy nation, 1 or more of the*
 9 *following activities:*

10 (A) *The development of financing relation-*
 11 *ships.*

12 (B) *The development of a standardized fi-*
 13 *nancing and project management framework for*
 14 *the construction of nuclear power plants.*

15 (C) *The development of a standardized li-*
 16 *censing framework for—*

17 (i) *light water civil nuclear tech-*
 18 *nologies; and*

19 (ii) *non-light water civil nuclear tech-*
 20 *nologies and advanced nuclear reactors.*

21 (D) *The identification of qualified organiza-*
 22 *tions and service providers.*

23 (E) *The identification of funds to support*
 24 *payment for services required to develop a civil*
 25 *nuclear program.*

1 (F) *Market analysis.*

2 (G) *The identification of the safety, secu-*
 3 *rity, safeguards, and nuclear governance re-*
 4 *quired for a civil nuclear program.*

5 (H) *Risk allocation, risk management, and*
 6 *nuclear liability.*

7 (I) *Technical assessments of nuclear reac-*
 8 *tors and technologies.*

9 (J) *The identification of actions necessary*
 10 *to participate in a global nuclear liability re-*
 11 *gime based on the Convention on Supplementary*
 12 *Compensation for Nuclear Damage, with Annex,*
 13 *done at Vienna September 12, 1997 (TIAS 15–*
 14 *415).*

15 (K) *Stakeholder engagement.*

16 (L) *Management of spent nuclear fuel and*
 17 *nuclear waste.*

18 (M) *Any other major activities to support*
 19 *the establishment of a civil nuclear program,*
 20 *such as the establishment of export, financing,*
 21 *construction, training, operations, and education*
 22 *requirements.*

23 (3) *CLARIFICATION.—Financial assistance under*
 24 *this subsection may be provided to an embarking civil*
 25 *nuclear energy nation in addition to any financial*

1 *assistance provided to that embarking civil nuclear*
 2 *energy nation under subsection (b).*

3 *(d) LIMITATION ON ASSISTANCE TO EMBARKING CIVIL*
 4 *NUCLEAR ENERGY NATIONS.—Not later than 1 year after*
 5 *the date of enactment of this Act, the Offices of the Inspec-*
 6 *tors General for the Department of State and the Depart-*
 7 *ment of Energy shall coordinate—*

8 *(1) to establish and submit to the appropriate*
 9 *committees of Congress a joint strategic plan to con-*
 10 *duct comprehensive oversight of activities authorized*
 11 *under this section to prevent fraud, waste, and abuse;*
 12 *and*

13 *(2) to engage in independent and effective over-*
 14 *sight of activities authorized under this section*
 15 *through joint or individual audits, inspections, inves-*
 16 *tigations, or evaluations.*

17 *(e) AUTHORIZATION OF APPROPRIATIONS.—There is*
 18 *authorized to be appropriated to the Secretary of State to*
 19 *carry out the initiative \$50,000,000 for each of fiscal years*
 20 *2023 through 2027.*

21 **SEC. 9. BIENNIAL CABINET-LEVEL INTERNATIONAL CON-**
 22 **FERENCE ON NUCLEAR SAFETY, SECURITY,**
 23 **SAFEGUARDS, AND SUSTAINABILITY.**

24 *(a) IN GENERAL.—The President, in coordination*
 25 *with international partners, as determined by the Presi-*

1 *dent, and industry, shall hold a biennial conference on civil*
 2 *nuclear safety, security, safeguards, and sustainability (re-*
 3 *ferred to in this section as a “conference”).*

4 *(b) CONFERENCE FUNCTIONS.—It is the sense of Con-*
 5 *gress that each conference should—*

6 *(1) be a forum in which ally or partner nations*
 7 *may engage with each other for the purpose of rein-*
 8 *forcing the commitment to—*

9 *(A) nuclear safety, security, safeguards, and*
 10 *sustainability;*

11 *(B) environmental safeguards; and*

12 *(C) local community engagement in areas*
 13 *in reasonable proximity to nuclear sites; and*

14 *(2) facilitate—*

15 *(A) the development of—*

16 *(i) joint commitments and goals to im-*
 17 *prove—*

18 *(I) nuclear safety, security, safe-*
 19 *guards, and sustainability;*

20 *(II) environmental safeguards;*

21 *and*

22 *(III) local community engagement*
 23 *in areas in reasonable proximity to*
 24 *nuclear sites;*

1 (ii) stronger international institutions
2 that support nuclear safety, security, safe-
3 guards, and sustainability;

4 (iii) cooperative financing relation-
5 ships to promote competitive alternatives to
6 Chinese and Russian financing;

7 (iv) a standardized financing and
8 project management framework for the con-
9 struction of civil nuclear power plants;

10 (v) a standardized licensing framework
11 for civil nuclear technologies;

12 (vi) a strategy to change internal poli-
13 cies of multinational development banks,
14 such as the World Bank, to support the fi-
15 nancing of civil nuclear projects;

16 (vii) a document containing any les-
17 sons learned from countries that have
18 partnered with the Russian Federation or
19 the People's Republic of China with respect
20 to civil nuclear power, including any detri-
21 mental outcomes resulting from that part-
22 nership; and

23 (viii) a global civil nuclear liability re-
24 gime;

1 (B) cooperation for enhancing the overall
2 aspects of civil nuclear power, such as—

3 (i) nuclear safety, security, safeguards,
4 and sustainability;

5 (ii) nuclear laws (including regula-
6 tions);

7 (iii) waste management;

8 (iv) quality management systems;

9 (v) technology transfer;

10 (vi) human resources development;

11 (vii) localization;

12 (viii) reactor operations;

13 (ix) nuclear liability; and

14 (x) decommissioning; and

15 (C) the development and determination of
16 the mechanisms described in paragraphs (7) and
17 (8) of section 10(a), if the President intends to
18 establish an Advanced Reactor Coordination and
19 Resource Center as described in that section.

20 (c) *INPUT FROM INDUSTRY AND GOVERNMENT.*—It is
21 the sense of Congress that each conference should include
22 a meeting that convenes nuclear industry leaders and lead-
23 ers of government agencies with expertise relating to nu-
24 clear safety, security, safeguards, or sustainability to dis-
25 cuss best practices relating to—

1 (1) *the safe and secure use, storage, and trans-*
 2 *port of nuclear and radiological materials;*

3 (2) *managing the evolving cyber threat to nu-*
 4 *clear and radiological security; and*

5 (3) *the role that the nuclear industry should play*
 6 *in nuclear and radiological safety, security, and safe-*
 7 *guards, including with respect to the safe and secure*
 8 *use, storage, and transport of nuclear and radio-*
 9 *logical materials, including spent nuclear fuel and*
 10 *nuclear waste.*

11 **SEC. 10. ADVANCED REACTOR COORDINATION AND RE-**
 12 **SOURCE CENTER.**

13 (a) *IN GENERAL.*—*The President shall consider the*
 14 *feasibility of leveraging existing activities or frameworks or,*
 15 *as necessary, establishing a center, to be known as the “Ad-*
 16 *vanced Reactor Coordination and Resource Center” (re-*
 17 *ferred to in this section as the “Center”), for the purposes*
 18 *of—*

19 (1) *identifying qualified organizations and serv-*
 20 *ice providers—*

21 (A) *for embarking civil nuclear energy na-*
 22 *tions;*

23 (B) *to develop and assemble documents, con-*
 24 *tracts, and related items required to establish a*
 25 *civil nuclear program; and*

1 (C) to develop a standardized model for the
 2 establishment of a civil nuclear program that
 3 can be used by the International Atomic Energy
 4 Agency;

5 (2) coordinating with countries participating in
 6 the Center and with the Nuclear Exports Working
 7 Group established under section 3(b)—

8 (A) to identify funds to support payment
 9 for services required to develop a civil nuclear
 10 program;

11 (B) to provide market analysis; and

12 (C) to create—

13 (i) project structure models;

14 (ii) models for electricity market anal-
 15 ysis;

16 (iii) models for nonelectric applica-
 17 tions market analysis; and

18 (iv) financial models;

19 (3) identifying and developing the safety, secu-
 20 rity, safeguards, and nuclear governance required for
 21 a civil nuclear program;

22 (4) supporting multinational regulatory stand-
 23 ards to be developed by countries with civil nuclear
 24 programs and experience;

7 (7) *developing mechanisms for how to fund and*
8 *staff the Center; and*

11 (b) *OBJECTIVE.*—The President shall carry out sub-
12 section (a) with the objective of establishing the Center if
13 the President determines that it is feasible to do so.

16 (a) *COMMERCIAL LICENSES.*—Section 103 d. of the
17 *Atomic Energy Act of 1954* (42 U.S.C. 2133(d)) is amend-
18 ed, in the second sentence—

21 (2) by striking “any any” and inserting “any”.

(b) MEDICAL THERAPY AND RESEARCH DEVELOPMENT LICENSES.—Section 104 d. of the Atomic Energy Act of 1954 (42 U.S.C. 2134(d)) is amended, in the second sen-

1 tence, by inserting “for a production facility” after “No li-
2 cense”.

3 **SEC. 12. STRATEGIC INFRASTRUCTURE FUND WORKING**
4 **GROUP.**

5 (a) *ESTABLISHMENT.*—*There is established a working*
6 *group, to be known as the “Strategic Infrastructure Fund*
7 *Working Group” (referred to in this section as the “working*
8 *group”).*

9 (b) *COMPOSITION.*—*The working group shall be—*

10 (1) *led by a White House official, who may be*
11 *the Assistant (if appointed), who shall serve as the*
12 *White House focal point with respect to matters relat-*
13 *ing to the working group; and*

14 (2) *composed of—*

15 (A) *senior-level Federal officials, selected by*
16 *the head of the applicable Federal agency or or-*
17 *ganization, from—*

18 (i) *the Department of State;*

19 (ii) *the Department of the Treasury;*

20 (iii) *the Department of Commerce;*

21 (iv) *the Department of Energy;*

22 (v) *the Export-Import Bank of the*
23 *United States;*

24 (vi) *the United States International*
25 *Development Finance Corporation; and*

1 (vii) the Nuclear Regulatory Commis-
2 sion;

3 (B) other senior-level Federal officials, se-
4 lected by the head of the applicable Federal agen-
5 cy or organization, from any other Federal agen-
6 cy or organization that the Secretary determines
7 to be appropriate; and

8 (C) any senior-level Federal official selected
9 by the White House official described in para-
10 graph (1) from any Federal agency or organiza-
11 tion.

12 (c) *REPORTING.*—The working group shall report to
13 the National Security Council.

14 (d) *DUTIES.*—The working group shall—

15 (1) provide direction and advice to the officials
16 described in section 3(a)(2)(A) and appropriate Fed-
17 eral agencies, as determined by the working group,
18 with respect to the establishment of a Strategic Infra-
19 structure Fund (referred to in this subsection as the
20 “Fund”) to be used—

21 (A) to support those aspects of projects re-
22 lating to—

23 (i) civil nuclear technologies;

24 (ii) rare earth elements and critical
25 minerals (as defined in section 7002(a) of

1 *the Energy Act of 2020 (30 U.S.C.*
 2 *1606(a))*; and

3 *(iii) microprocessors; and*

4 *(B) for strategic investments identified by*
 5 *the working group; and*

6 *(2) address critical areas in determining the ap-*
 7 *propriate design for the Fund, including—*

8 *(A) transfer of assets to the Fund;*

9 *(B) transfer of assets from the Fund;*

10 *(C) how assets in the Fund should be in-*
 11 *vested; and*

12 *(D) governance and implementation of the*
 13 *Fund.*

14 *(e) REPORT REQUIRED.—*

15 *(1) IN GENERAL.—Not later than 1 year after*
 16 *the date of the enactment of this Act, the working*
 17 *group shall submit to the committees described in*
 18 *paragraph (2) a report on the findings of the working*
 19 *group that includes suggested legislative text for how*
 20 *to establish and structure a Strategic Infrastructure*
 21 *Fund.*

22 *(2) COMMITTEES DESCRIBED.—The committees*
 23 *referred to in paragraph (1) are—*

24 *(A) the Committee on Foreign Relations, the*
 25 *Committee on Commerce, Science, and Transpor-*

tation, the Committee on Armed Services, the Committee on Energy and Natural Resources, the Committee on Environment and Public Works, and the Committee on Finance of the Senate; and

(B) the Committee on Foreign Affairs, the Committee on Energy and Commerce, the Committee on Armed Services, the Committee on Science, Space, and Technology, and the Committee on Ways and Means of the House of Representatives.

(3) *ADMINISTRATION OF THE FUND.*—The report submitted under paragraph (1) shall include suggested legislative language requiring all expenditures from a Strategic Infrastructure Fund established in accordance with this section to be administered by the Secretary of State (or a designee of the Secretary of State).

SEC. 13. BRIEFINGS ON SAFETY AND SECURITY OF NEW EXPORTS OF ADVANCED NUCLEAR REACTORS.

Before the United States may export an advanced nuclear reactor to a country that has not previously received an advanced nuclear reactor from the United States, the Secretary, in coordination with the Secretary of State, shall

1 *provide a briefing to the appropriate committees of Con-*
 2 *gress that addresses whether the country—*

3 *(1) is technically equipped to safely operate and*
 4 *maintain the advanced nuclear reactor; and*

5 *(2) has a transparency plan in place for over-*
 6 *sight of any assistance received from the United*
 7 *States Government for the purpose of purchasing the*
 8 *advanced nuclear reactor.*

9 **SEC. 14. ENSURING CONTINUED SAFETY AND SECURITY**
 10 **OVERSIGHT OF ENHANCED ENERGY CO-**
 11 **OPERATION.**

12 *(a) BRIEFING REQUIRED.—*

13 *(1) IN GENERAL.—Not later than 60 days after*
 14 *the date of the enactment of this Act, the Secretary of*
 15 *State, the Secretary of Defense, and the Secretary*
 16 *shall jointly brief the committees of Congress described*
 17 *in paragraph (2) on the procedures being used to*
 18 *mitigate any nuclear proliferation risks of—*

19 *(A) any recommendations for enhanced en-*
 20 *ergy cooperation that may emerge from the meet-*
 21 *ings described in section 6(a); or*

22 *(B) any new exports of advanced nuclear*
 23 *reactors.*

1 (2) *COMMITTEES OF CONGRESS DESCRIBED.*—

2 *The committees of Congress referred to in paragraph*

3 *(1) are—*

4 *(A) the Committees on Foreign Relations,*
 5 *Energy and Natural Resources, and Armed Serv-*
 6 *ices of the Senate; and*

7 *(B) the Committees on Foreign Affairs, En-*
 8 *ergy and Commerce, and Armed Services of the*
 9 *House of Representatives.*

10 ***(b) PROHIBITION ON EXPORTS OF NUCLEAR REAC-***
 11 ***TORS TO CERTAIN COUNTRIES.***—*On and after the date of*
 12 *the enactment of this Act, an advanced nuclear reactor may*
 13 *not be exported from the United States to a country unless*
 14 *that country—*

15 *(1) has signed an additional protocol to its com-*
 16 *prehensive safeguards agreement with the Inter-*
 17 *national Atomic Energy Agency; or*

18 *(2) has put in place a comprehensive safeguards*
 19 *agreement and is working toward signing an addi-*
 20 *tional protocol with the International Atomic Energy*
 21 *Agency.*

1 **SEC. 15. JOINT ASSESSMENT BETWEEN THE UNITED**
2 **STATES AND INDIA ON NUCLEAR LIABILITY**
3 **RULES.**

4 (a) *IN GENERAL.*—*The Secretary of State, in consulta-*
5 *tion with the heads of other relevant Federal departments*
6 *and agencies, shall establish and maintain within the U.S.-*
7 *India Strategic Security Dialogue a joint consultative*
8 *mechanism with the Government of the Republic of India*
9 *that convenes on a recurring basis—*

10 (1) *to assess the implementation of the Agree-*
11 *ment for Cooperation between the Government of the*
12 *United States of America and the Government of*
13 *India Concerning Peaceful Uses of Nuclear Energy,*
14 *signed at Washington October 10, 2008 (TIAS 08–*
15 *1206);*

16 (2) *to discuss opportunities for the Republic of*
17 *India to align domestic nuclear liability rules with*
18 *international norms; and*

19 (3) *to develop a strategy for the United States*
20 *and the Republic of India to pursue bilateral and*
21 *multilateral diplomatic engagements related to ana-*
22 *lyzing and implementing those opportunities.*

23 (b) *REPORT.*—*Not later than 180 days after the date*
24 *of the enactment of this Act, and annually thereafter for*
25 *5 years, the Secretary of State, in consultation with the*
26 *heads of other relevant Federal departments and agencies,*

1 *shall submit to the appropriate committees of Congress a*
 2 *report that describes the joint assessment developed pursu-*
 3 *ant to subsection (a)(1).*

4 **SEC. 16. LESSONS LEARNED FROM THE ZAPORIZHZHIA NU-**
 5 **CLEAR POWER PLANT.**

6 *(a) BRIEFING.—*

7 *(1) IN GENERAL.—Not later than 60 days after*
 8 *the date of enactment of this Act, the Secretary of*
 9 *State shall provide a briefing to the appropriate com-*
 10 *mittees of Congress regarding the capture of the*
 11 *Zaporizhzhia nuclear power plant by Russian armed*
 12 *forces.*

13 *(2) REQUIREMENTS.—The briefing required by*
 14 *paragraph (1) shall focus on—*

15 *(A) events leading up to the capture of the*
 16 *Zaporizhzhia nuclear power plant by Russian*
 17 *armed forces;*

18 *(B) ongoing efforts to ensure the continued*
 19 *operation of the reactor and the safety and secu-*
 20 *rity of the plant;*

21 *(C) efforts to mitigate potential risks to the*
 22 *surrounding civilian population; and*

23 *(D) any safety and security measures im-*
 24 *plemented since the capture.*

25 *(b) REPORT.—*

1 (1) *IN GENERAL.*—Not later than 120 days after
2 the date of enactment of this Act, the Secretary of
3 State shall submit to the appropriate committees of
4 Congress a report outlining lessons learned from at-
5 tacks on the Zaporizhzhia nuclear power plant, in-
6 cluding—

7 (A) the efforts to ensure the safety and secu-
8 rity of the Zaporizhzhia nuclear power plant;

9 (B) how those lessons can be applied to
10 other nuclear sites in Ukraine while there is an
11 ongoing threat of armed conflict in Ukraine; and

12 (C) how those lessons could apply to other
13 nuclear power plants in the event of armed con-
14 flict.

15 (2) *FORM OF REPORT.*—The report required by
16 paragraph (1) shall be submitted in unclassified form
17 but may include a classified annex.

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A BILL

To facilitate the development of a whole-of-government strategy for nuclear cooperation and nuclear exports.

DECEMBER 7, 2022

Reported with an amendment