117th CONGRESS 2D Session **S. 3428**

AN ACT

- To require the Secretary of Energy to establish a Nuclear Fuel Security Program, expand the American Assured Fuel Supply Program, and submit a report on a civil nuclear credit program, and for other purposes.
- 1 Be it enacted by the Senate and House of Representa-
- 2 tives of the United States of America in Congress assembled,

1 SECTION 1. SHORT TITLE.

2 This Act may be cited as the "Fission for the Future3 Act".

4 SEC. 2. U.S. NUCLEAR FUELS SECURITY INITIATIVE.

5 (a) SENSE OF CONGRESS.—It is the sense of Con6 gress that—

7 (1) the Department should—

8 (A) prioritize activities to increase domes-9 tic production of low-enriched uranium; and

10 (B) accelerate efforts to establish a domes11 tic high-assay, low-enriched uranium enrich12 ment capability; and

(2) if domestic enrichment of high-assay, lowenriched uranium will not be commercially available
at the scale needed in time to meet the needs of the
advanced nuclear reactor demonstration projects of
the Department, the Secretary shall consider and
implement, as necessary—

19 (A) all viable options to make high-assay, 20 low-enriched uranium produced from inven-21 tories owned by the Department available in a 22 manner that is sufficient to maximize the po-23 tential for the Department to meet the needs 24 and schedules of advanced nuclear reactor de-25 velopers, without impacting existing Depart-26 ment missions, until such time that commercial

| 1 | enrichment and deconversion capability for |
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| 2 | high-assay, low-enriched uranium exists at a |
| 3 | scale sufficient to meet future needs; and |
| 4 | (B) all viable options for partnering with |
| 5 | countries that are allies or partners of the |
| 6 | United States to meet those needs and sched- |
| 7 | ules until that time. |
| 8 | (b) Objectives.—The objectives of this section |
| 9 | are— |
| 10 | (1) to expeditiously increase domestic produc- |
| 11 | tion of low-enriched uranium; |
| 12 | (2) to expeditiously increase domestic produc- |
| 13 | tion of high-assay, low-enriched uranium by an an- |
| 14 | nual quantity, and in such form, determined by the |
| 15 | Secretary to be sufficient to meet the needs of— |
| 16 | (A) advanced nuclear reactor developers; |
| 17 | and |
| 18 | (B) the consortium; |
| 19 | (3) to ensure the availability of domestically |
| 20 | produced, converted, and enriched uranium in a |
| 21 | quantity determined by the Secretary, in consulta- |
| 22 | tion with U.S. nuclear energy companies, to be suffi- |
| 23 | cient to address a reasonably anticipated supply dis- |
| 24 | ruption; |

| 1 | (4) to address gaps and deficiencies in the do- |
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| 2 | mestic production, conversion, enrichment, |
| 3 | deconversion, and reduction of uranium by |
| 4 | partnering with countries that are allies or partners |
| 5 | of the United States if domestic options are not |
| 6 | practicable; |
| 7 | (5) to ensure that, in the event of a supply dis- |
| 8 | ruption in the nuclear fuel market, a reserve of nu- |
| 9 | clear fuels is available to serve as a backup supply |
| 10 | to support the nuclear nonproliferation and civil nu- |
| 11 | clear energy objectives of the Department; |
| 12 | (6) to support enrichment, deconversion, and |
| 13 | reduction technology deployed in the United States; |
| 14 | and |
| 15 | (7) to ensure that, until such time that domes- |
| 16 | tic enrichment and deconversion of high-assay, low- |
| 17 | enriched uranium is commercially available at the |
| 18 | scale needed to meet the needs of advanced nuclear |
| 19 | reactor developers, the Secretary considers and im- |
| 20 | plements, as necessary— |
| 21 | (A) all viable options to make high-assay, |
| 22 | low-enriched uranium produced from inven- |
| 23 | tories owned by the Department available in a |
| 24 | manner that is sufficient to maximize the po- |
| 25 | tential for the Department to meet the needs |

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| 1 | and schedules of advanced nuclear reactor de- |
| 2 | velopers; and |
| 3 | (B) all viable options for partnering with |
| 4 | countries that are allies or partners of the |
| 5 | United States to meet those needs and sched- |
| 6 | ules. |
| 7 | (c) DEFINITIONS.—In this section: |
| 8 | (1) Advanced nuclear reactor.—The term |
| 9 | "advanced nuclear reactor" has the meaning given |
| 10 | the term in section 951(b) of the Energy Policy Act |
| 11 | of 2005 (42 U.S.C. 16271(b)). |
| 12 | (2) Associated entity.—The term "associ- |
| 13 | ated entity" means an entity that— |
| 14 | (A) is owned, controlled, or dominated |
| 15 | by— |
| 16 | (i) the government of a country that |
| 17 | is an ally or partner of the United States; |
| 18 | or |
| 19 | (ii) an associated individual; or |
| 20 | (B) is organized under the laws of, or oth- |
| 21 | erwise subject to the jurisdiction of, a country |
| 22 | that is an ally or partner of the United States, |
| 23 | including a corporation that is incorporated in |
| 24 | such a country. |
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| 1 | (3) Associated individual.—The term "asso- |
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| 2 | ciated individual" means an alien who is a national |
| 3 | of a country that is an ally or partner of the United |
| 4 | States. |
| 5 | (4) CONSORTIUM.—The term "consortium" |
| 6 | means the consortium established under section |
| 7 | 2001(a)(2)(F) of the Energy Act of 2020 (42 U.S.C. |
| 8 | 16281(a)(2)(F)). |
| 9 | (5) DEPARTMENT.—The term "Department" |
| 10 | means the Department of Energy. |
| 11 | (6) High-assay, low-enriched uranium; |
| 12 | HALEU.—The term "high-assay, low-enriched ura- |
| 13 | nium" or "HALEU" means high-assay low-enriched |
| 14 | uranium (as defined in section 2001(d) of the En- |
| 15 | ergy Act of 2020 (42 U.S.C. 16281(d))). |
| 16 | (7) Low-enriched uranium; leu.—The term |
| 17 | "low-enriched uranium" or "LEU" means each of— |
| 18 | (A) low-enriched uranium (as defined in |
| 19 | section 3102 of the USEC Privatization Act |
| 20 | (42 U.S.C. 2297h)); and |
| 21 | (B) low-enriched uranium (as defined in |
| 22 | section 3112A(a) of that Act (42 U.S.C. |
| 23 | 2297h–10a(a))). |
| 24 | (8) PROGRAMS.—The term "Programs" |
| 25 | means— |

| 1 | (A) the Nuclear Fuel Security Program es- |
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| 2 | tablished under subsection $(d)(1)$; |
| 3 | (B) the American Assured Fuel Supply |
| 4 | Program of the Department; and |
| 5 | (C) the HALEU for Advanced Nuclear Re- |
| 6 | actor Demonstration Projects Program estab- |
| 7 | lished under subsection $(d)(3)$. |
| 8 | (9) Secretary.—The term "Secretary" means |
| 9 | the Secretary of Energy. |
| 10 | (10) U.S. NUCLEAR ENERGY COMPANY.—The |
| 11 | term "U.S. nuclear energy company" means a com- |
| 12 | pany that— |
| | |
| 13 | (A) is organized under the laws of, or oth- |
| 13 14 | (A) is organized under the laws of, or oth- erwise subject to the jurisdiction of, the United |
| | |
| 14 | erwise subject to the jurisdiction of, the United |
| 14 15 | erwise subject to the jurisdiction of, the United States; and |
| 14 15 16 | erwise subject to the jurisdiction of, the United States; and (B) is involved in the nuclear energy indus- |
| 14 15 16 17 | erwise subject to the jurisdiction of, the United States; and (B) is involved in the nuclear energy indus- try. |
| 14 15 16 17 18 | erwise subject to the jurisdiction of, the United States; and (B) is involved in the nuclear energy indus- try. (d) ESTABLISHMENT AND EXPANSION OF PRO- |
| 14 15 16 17 18 19 | erwise subject to the jurisdiction of, the United States; and (B) is involved in the nuclear energy indus- try. (d) ESTABLISHMENT AND EXPANSION OF PRO- GRAMS.—The Secretary, consistent with the objectives de- |
| 14 15 16 17 18 19 20 | erwise subject to the jurisdiction of, the United States; and (B) is involved in the nuclear energy indus- try. (d) ESTABLISHMENT AND EXPANSION OF PRO- GRAMS.—The Secretary, consistent with the objectives de- scribed in subsection (b), shall— |
| 14 15 16 17 18 19 20 21 | erwise subject to the jurisdiction of, the United States; and (B) is involved in the nuclear energy indus- try. (d) ESTABLISHMENT AND EXPANSION OF PRO- GRAMS.—The Secretary, consistent with the objectives de- scribed in subsection (b), shall— (1) establish a program, to be known as the |

| 1 | (2) expand the American Assured Fuel Supply |
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| 2 | Program of the Department to ensure the avail- |
| 3 | ability of domestically produced, converted, and en- |
| 4 | riched uranium in the event of a supply disruption; |
| 5 | and |
| 6 | (3) establish a program, to be known as the |
| 7 | "HALEU for Advanced Nuclear Reactor Dem- |
| 8 | onstration Projects Program"— |
| 9 | (A) to maximize the potential for the De- |
| 10 | partment to meet the needs and schedules of |
| 11 | advanced nuclear reactor developers until such |
| 12 | time that commercial enrichment and |
| 13 | deconversion capability for HALEU exists in |
| 14 | the United States at a scale sufficient to meet |
| 15 | future needs; and |
| 16 | (B) where practicable, to partner with |
| 17 | countries that are allies or partners of the |
| 18 | United States to meet those needs and sched- |
| 19 | ules until that time. |
| 20 | (e) NUCLEAR FUEL SECURITY PROGRAM.— |
| 21 | (1) IN GENERAL.—In carrying out the Nuclear |
| 22 | Fuel Security Program, the Secretary— |
| 23 | (A) shall— |
| 24 | (i) not later than 180 days after the |
| 25 | date of enactment of this Act, enter into 2 |

| 1 | or more contracts to begin acquiring not |
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| 2 | less than 100 metric tons per year of LEU |
| 3 | by December 31, 2026 (or the earliest |
| 4 | operationally feasible date thereafter), to |
| 5 | ensure diverse domestic uranium mining, |
| 6 | conversion, enrichment, and deconversion |
| 7 | capacity and technologies, including new |
| 8 | capacity, among U.S. nuclear energy com- |
| 9 | panies; |
| 10 | (ii) not later than 180 days after the |
| 11 | date of enactment of this Act, enter into 2 |
| 12 | or more contracts with members of the |
| 13 | consortium to begin acquiring not less than |
| 14 | 20 metric tons per year of HALEU by De- |
| 15 | cember 31, 2027 (or the earliest operation- |
| 16 | ally feasible date thereafter), from U.S. |
| 17 | nuclear energy companies; |
| 18 | (iii) utilize only uranium produced, |
| 19 | converted, enriched, deconverted, and re- |
| 20 | duced in— |
| 21 | (I) the United States; or |
| 22 | (II) if domestic options are not |
| 23 | practicable, a country that is an ally |
| 24 | or partner of the United States; and |
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| 1 | (iv) to the maximum extent prac- |
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| 2 | ticable, ensure that the use of domestic |
| 3 | uranium utilized as a result of that pro- |
| 4 | gram does not negatively affect the eco- |
| 5 | nomic operation of nuclear reactors in the |
| 6 | United States; and |
| 7 | (B)(i) may not make commitments under |
| 8 | this subsection (including cooperative agree- |
| 9 | ments (used in accordance with section 6305 of |
| 10 | title 31, United States Code), purchase agree- |
| 11 | ments, guarantees, leases, service contracts, or |
| 12 | any other type of commitment) for the purchase |
| 13 | or other acquisition of HALEU or LEU un- |
| 14 | less— |
| 15 | (I) funds are specifically provided for |
| 16 | those purposes in advance in appropria- |
| 17 | tions Acts enacted after the date of enact- |
| 18 | ment of this Act; or |
| 19 | (II) the commitment is funded en- |
| 20 | tirely by funds made available to the Sec- |
| 21 | retary from the account described in sub- |
| 22 | section $(i)(2)(B)$; and |
| 23 | (ii) may make a commitment described in |
| 24 | clause (i) only— |

- 1 (I) if the full extent of the anticipated 2 costs stemming from the commitment is 3 recorded as an obligation at the time that 4 the commitment is made; and 5 (II) to the extent of that up-front ob-6 ligation recorded in full at that time. 7 (2) CONSIDERATIONS.—In carrying out para-8 graph (1)(A)(ii), the Secretary shall consider and, if 9 appropriate, implement— (A) options to ensure the quickest avail-10 11 ability of commercially enriched HALEU, in-12 cluding-13 (i) partnerships between 2 or more 14 commercial enrichers; and 15 (ii) utilization of up to 10-percent enriched uranium as feedstock in demonstra-16 17 tion-scale or commercial HALEU enrich-18 ment facilities; 19 (B) options to partner with countries that 20 are allies or partners of the United States to provide LEU and HALEU for commercial pur-21 22 poses; 23 (C) options that provide for an array of
- 24 HALEU—
- 25 (i) enrichment levels;

| (ii) output levels to meet demand; and |
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| |
| (iii) fuel forms, including uranium |
| metal and oxide; and |
| (D) options— |
| (i) to replenish, as necessary, Depart- |
| ment stockpiles of uranium that was in- |
| tended to be downblended for other pur- |
| poses, but was instead used in carrying out |
| activities under the HALEU for Advanced |
| Nuclear Reactor Demonstration Projects |
| Program; |
| (ii) to continue supplying HALEU to |
| meet the needs of the recipients of an |
| award made pursuant to the funding op- |
| portunity announcement of the Depart- |
| ment numbered $DE-FOA-0002271$ for |
| Pathway 1, Advanced Reactor Demonstra- |
| tions; and |
| (iii) to make HALEU available to |
| other advanced nuclear reactor developers |
| and other end-users. |
| (3) Avoidance of market disruptions.—In |
| |
| carrying out the Nuclear Fuel Security Program, the |
| carrying out the Nuclear Fuel Security Program, the Secretary, to the extent practicable and consistent |
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| 1 | or replace market mechanisms by competing with |
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| 2 | U.S. nuclear energy companies. |
| 3 | (f) Expansion of the American Assured Fuel |
| 4 | SUPPLY PROGRAM.—The Secretary, in consultation with |
| 5 | U.S. nuclear energy companies, shall— |
| 6 | (1) expand the American Assured Fuel Supply |
| 7 | Program of the Department by merging the oper- |
| 8 | ations of the Uranium Reserve Program of the De- |
| 9 | partment with the American Assured Fuel Supply |
| 10 | Program; and |
| 11 | (2) in carrying out the American Assured Fuel |
| 12 | Supply Program of the Department, as expanded |
| 13 | under paragraph (1)— |
| 14 | (A) maintain, replenish, diversify, or in- |
| 15 | crease the quantity of uranium made available |
| 16 | by that program in a manner determined by the |
| 17 | Secretary to be consistent with the purposes of |
| 18 | that program and the objectives described in |
| 19 | subsection (b); |
| 20 | (B) utilize only uranium produced, con- |
| 21 | verted, and enriched in— |
| 22 | (i) the United States; or |
| 23 | (ii) if domestic options are not prac- |
| 24 | ticable, a country that is an ally or partner |
| 25 | of the United States; |

(C) make uranium available from the American Assured Fuel Supply, subject to terms and conditions determined by the Secretary to be reasonable and appropriate;

5 (D) refill and expand the supply of ura-6 nium in the American Assured Fuel Supply, in-7 cluding by maintaining a limited reserve of ura-8 nium to address a potential event in which a 9 domestic or foreign recipient of uranium experi-10 ences a supply disruption for which uranium 11 cannot be obtained through normal market 12 mechanisms or under normal market conditions; 13 and

14 (E) take other actions that the Secretary
15 determines to be necessary or appropriate to
16 address the purposes of that program and the
17 objectives described in subsection (b).

18 (g) HALEU FOR ADVANCED NUCLEAR REACTOR19 DEMONSTRATION PROJECTS PROGRAM.—

(1) ACTIVITIES.—On enactment of this Act, the
Secretary shall immediately accelerate and, as necessary, initiate activities to make available from inventories or stockpiles owned by the Department and
made available to the consortium, HALEU for use
in advanced nuclear reactors that cannot operate on

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1 uranium with lower enrichment levels or on alternate 2 fuels, with priority given to the awards made pursu-3 ant to the funding opportunity announcement of the 4 Department numbered DE-FOA-0002271 for Path-5 way 1, Advanced Reactor Demonstrations, with ad-6 ditional HALEU to be made available to other ad-7 vanced nuclear reactor developers, as the Secretary 8 determines to be appropriate. 9 (2)QUANTITY.—In carrying out activities 10 under this subsection, the Secretary shall consider 11 and implement, as necessary, all viable options to 12 make HALEU available in quantities sufficient to 13 maximize the potential for the Department to meet 14 the needs and schedules of advanced nuclear reactor 15 developers, including by seeking to make available— 16 (A) by September 30, 2024, not less than 17 3 metric tons of HALEU; 18 (B) by December 31, 2025, not less than 19 an additional 8 metric tons of HALEU; and 20 (C) by June 30, 2026, not less than an ad-21 ditional 10 metric tons of HALEU. 22 (3) FACTORS FOR CONSIDERATION.—In car-23 rying out activities under this subsection, the Sec-24 retary shall take into consideration—

| 1 | (A) options for providing HALEU from a |
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| 2 | stockpile of uranium owned by the Department, |
| 3 | including— |
| 4 | (i) uranium that has been declared ex- |
| 5 | cess to national security needs during or |
| 6 | prior to fiscal year 2022; |
| 7 | (ii) uranium that— |
| 8 | (I) directly meets the needs of |
| 9 | advanced nuclear reactor developers; |
| 10 | but |
| 11 | (II) has been previously used or |
| 12 | fabricated for another purpose; |
| 13 | (iii) uranium that can meet the needs |
| 14 | of advanced nuclear reactor developers |
| 15 | after removing radioactive or other con- |
| 16 | taminants that resulted from previous use |
| 17 | or fabrication of the fuel for research, de- |
| 18 | velopment, demonstration, or deployment |
| 19 | activities of the Department, including ac- |
| 20 | tivities that reduce the environmental li- |
| 21 | ability of the Department by accelerating |
| 22 | the processing of uranium from stockpiles |
| 23 | designated as waste; |
| 24 | (iv) uranium from a high-enriched |
| 25 | uranium stockpile, which can be blended |

1 with lower assay uranium to become 2 HALEU to meet the needs of advanced 3 nuclear reactor developers; and 4 (v) uranium from stockpiles intended for other purposes (excluding stockpiles in-5 6 tended for national security needs), but for 7 which uranium could be swapped or re-8 placed in time in such a manner that 9 would not negatively impact the missions 10 of the Department; 11 (B) options for expanding, or establishing 12 new, capabilities or infrastructure to support 13 the processing of uranium from Department in-14 ventories; 15 (C) options for accelerating the availability of HALEU from HALEU enrichment dem-16 17 onstration projects of the Department; 18 (D) options for providing HALEU from 19 domestically enriched HALEU procured by the 20 Department through a competitive process pur-21 suant to the Nuclear Fuel Security Program es-22 tablished under subsection (d)(1); 23 (E) options to replenish, as needed, De-24 partment stockpiles of uranium made available 25 pursuant to subparagraph (A) with domestically

| 1 | enriched HALEU procured by the Department |
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| 2 | through a competitive process pursuant to the |
| 3 | Nuclear Fuel Security Program established |
| 4 | under subsection $(d)(1)$; and |
| 5 | (F) options that combine 1 or more of the |
| 6 | approaches described in subparagraphs (A) |
| 7 | through (E) to meet the deadlines described in |
| 8 | paragraph (2). |
| 9 | (4) LIMITATIONS.— |
| 10 | (A) CERTAIN SERVICES.—The Secretary |
| 11 | shall not barter or otherwise sell or transfer |
| 12 | uranium in any form in exchange for services |
| 13 | relating to— |
| 14 | (i) the final disposition of radioactive |
| 15 | waste from uranium that is the subject of |
| 16 | a contract for sale, resale, transfer, or |
| 17 | lease under this subsection; or |
| 18 | (ii) environmental cleanup activities. |
| 19 | (B) CERTAIN COMMITMENTS.—In carrying |
| 20 | out activities under this subsection, the Sec- |
| 21 | retary— |
| 22 | (i) may not make commitments under |
| 23 | this subsection (including cooperative |
| 24 | agreements (used in accordance with sec- |
| 25 | tion 6305 of title 31, United States Code), |
| | |

1 purchase agreements, guarantees, leases, 2 service contracts, or any other type of com-3 mitment) for the purchase or other acquisi-4 tion of HALEU or LEU unless— 5 (I) funds are specifically provided 6 for those purposes in advance in ap-7 propriations Acts enacted after the 8 date of enactment of this Act; or 9 (II) the commitment is funded 10 entirely by funds made available to 11 the Secretary from the account de-12 scribed in subsection (i)(2)(B); and 13 (ii) may make a commitment de-14 scribed in clause (i) only— 15 (I) if the full extent of the antici-16 pated costs stemming from the com-17 mitment is recorded as an obligation 18 at the time that the commitment is 19 made; and

20 (II) to the extent of that up-front
21 obligation recorded in full at that
22 time.

(5) SUNSET.—The authority of the Secretary to
carry out activities under this subsection shall terminate on the date on which the Secretary notifies

| 1 | Congress that the HALEU needs of advanced nu- |
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| 2 | clear reactor developers can be fully met by commer- |
| 3 | cial HALEU suppliers in the United States, as de- |
| 4 | termined by the Secretary, in consultation with U.S. |
| 5 | nuclear energy companies. |
| 6 | (h) Domestic Sourcing Considerations.— |
| 7 | (1) IN GENERAL.—Except as provided in para- |
| 8 | graph (2), the Secretary may only carry out an ac- |
| 9 | tivity in connection with 1 or more of the Programs |
| 10 | if— |
| 11 | (A) the activity promotes manufacturing in |
| 12 | the United States associated with uranium sup- |
| 13 | ply chains; or |
| 14 | (B) the activity relies on resources, mate- |
| 15 | rials, or equipment developed or produced— |
| 16 | (i) in the United States; or |
| 17 | (ii) in a country that is an ally or |
| 18 | partner of the United States by— |
| 19 | (I) the government of that coun- |
| 20 | $\operatorname{try};$ |
| 21 | (II) an associated entity; or |
| 22 | (III) a U.S. nuclear energy com- |
| 23 | pany. |
| 24 | (2) WAIVER.—The Secretary may waive the re- |
| 25 | quirements of paragraph (1) with respect to an ac- |

| 1 | tivity if the Secretary determines a waiver to be nec- |
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| 2 | essary to achieve 1 or more of the objectives de- |
| 3 | scribed in subsection (b). |
| 4 | (i) Reasonable Compensation.— |
| 5 | (1) IN GENERAL.—In carrying out activities |
| 6 | under this section, the Secretary shall ensure that |
| 7 | any LEU and HALEU made available by the Sec- |
| 8 | retary under 1 or more of the Programs is subject |
| 9 | to reasonable compensation, taking into account the |
| 10 | fair market value of the LEU or HALEU and the |
| 11 | purposes of this section. |
| 12 | (2) Availability of certain funds.— |
| 13 | (A) IN GENERAL.—Notwithstanding sec- |
| 14 | tion 3302(b) of title 31, United States Code, |
| 15 | revenues received by the Secretary from the |
| 16 | sale or transfer of fuel feed material acquired |
| 17 | by the Secretary pursuant to a contract entered |
| 18 | into under clause (i) or (ii) of subsection |
| 19 | (e)(1)(A) shall— |
| 20 | (i) be deposited in the account de- |
| 21 | scribed in subparagraph (B); |
| 22 | (ii) be available to the Secretary for |
| 23 | carrying out the purposes of this section, |
| 24 | to reduce the need for further appropria- |
| 25 | tions for those purposes; and |

| 1 | (iii) remain available until expended. |
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| 2 | (B) REVOLVING FUND.—There is estab- |
| 3 | lished in the Treasury an account into which |
| 4 | the revenues described in subparagraph (A) |
| 5 | shall be— |
| 6 | (i) deposited in accordance with clause |
| 7 | (i) of that subparagraph; and |
| 8 | (ii) made available in accordance with |
| 9 | clauses (ii) and (iii) of that subparagraph. |
| 10 | (j) Nuclear Regulatory Commission.—The Nu- |
| 11 | clear Regulatory Commission shall prioritize and expedite |
| 12 | consideration of any action related to the Programs to the |
| 13 | extent permitted under the Atomic Energy Act of 1954 |
| 14 | (42 U.S.C. 2011 et seq.) and related statutes. |
| 15 | (k) USEC PRIVATIZATION ACT.—The requirements |
| 16 | of section 3112 of the USEC Privatization Act (42 U.S.C. |
| 17 | 2297h–10) shall not apply to activities related to the Pro- |
| 18 | grams. |
| 19 | (1) NATIONAL SECURITY NEEDS.—The Secretary |
| 20 | shall only make available to a member of the consortium |
| 21 | under this section for commercial use or use in a dem- |
| 22 | onstration project material that the President has deter- |
| 23 | mined is not necessary for national security needs, subject |
| 24 | to the condition that the material made available shall not |
| 25 | include any material that the Secretary determines to be |

necessary for the National Nuclear Security Administra tion or any critical mission of the Department.

3 (m) INTERNATIONAL AGREEMENTS.—This section
4 shall be applied in a manner consistent with the obliga5 tions of the United States under international agreements.

6 SEC. 3. REPORT ON CIVIL NUCLEAR CREDIT PROGRAM.

Not later than 180 days after the date of enactment
of this Act, the Secretary of Energy shall submit to the
appropriate committees of Congress a report that identifies the anticipated funding requirements for the civil nuclear credit program described in section 40323 of the Infrastructure Investment and Jobs Act (42 U.S.C. 18753),
taking into account—

(1) the zero-emission nuclear power production
credit authorized by section 45U of the Internal
Revenue Code of 1986; and

17 (2) any increased fuel costs associated with the
18 use of domestic fuel that may arise from the imple19 mentation of that program.

Passed the Senate December 22, 2022. Attest:

Secretary.

117TH CONGRESS **S. 3428**

AN ACT

To require the Secretary of Energy to establish a Nuclear Fuel Security Program, expand the American Assured Fuel Supply Program, and submit a report on a civil nuclear credit program, and for other purposes.