



Miscellaneous No. 8 (2024)

Agreement

among the Government of the United Kingdom of Great Britain and Northern Ireland, the Government of Australia, and the Government of the United States of America for cooperation related to Naval Nuclear Propulsion

Washington, 5 August 2024

[The Agreement is not in force]

*Presented to Parliament
by the Secretary of State for Foreign, Commonwealth and Development Affairs
by Command of His Majesty
September 2024*



© Crown copyright 2024

This publication is licensed under the terms of the Open Government Licence v3.0 except where otherwise stated. To view this licence, visit nationalarchives.gov.uk/doc/open-government-licence/version/3

Where we have identified any third party copyright information you will need to obtain permission from the copyright holders concerned.

This publication is available at www.gov.uk/official-documents

Any enquiries regarding this publication should be sent to us at Treaty Section, Foreign, Commonwealth and Development Office, King Charles Street, London, SW1A 2AH

ISBN 978-1-5286-5160-8
E03191366 09/24

Printed on paper containing 40% recycled fibre content minimum

Printed in the UK by HH Global on behalf of the Controller of His Majesty's Stationery Office

**AGREEMENT AMONG THE GOVERNMENT OF THE UNITED
KINGDOM OF GREAT BRITAIN AND NORTHERN IRELAND, THE
GOVERNMENT OF AUSTRALIA, AND THE GOVERNMENT OF
THE UNITED STATES OF AMERICA FOR COOPERATION
RELATED TO NAVAL NUCLEAR PROPULSION**

The Government of the United Kingdom of Great Britain and Northern Ireland (“United Kingdom”), the Government of Australia, and the Government of the United States of America (“United States”) (collectively, “Parties”),

Reaffirming their respective obligations under the Treaty on the Non-Proliferation of Nuclear Weapons, done at London, Moscow, and Washington 1 July 1968, and entered into force 5 March 1970 (“NPT”);

Recognizing that Australia, as a non-nuclear-weapon State Party to the NPT, has undertaken not to receive the transfer of nuclear weapons or other nuclear explosive devices or control over such weapons or explosive devices directly or indirectly; not to manufacture or otherwise acquire nuclear weapons or other nuclear explosive devices; and not to seek or receive any assistance in the manufacture of nuclear weapons or other nuclear explosive devices;

Recognizing that the United Kingdom and the United States, as nuclear-weapon States Party to the NPT, have undertaken not to transfer to any recipient whatsoever nuclear weapons or other nuclear explosive devices or control over such weapons or explosive devices directly or indirectly; and not in any way to assist, encourage, or induce any non-nuclear-weapon State to manufacture or otherwise acquire nuclear weapons or other nuclear explosive devices, or control over such weapons or explosive devices;

Recognizing that Australia, in furtherance of its obligations, has entered into the Agreement between Australia and the International Atomic Energy Agency for the Application of Safeguards in Connection with the Treaty on the Non-Proliferation of Nuclear Weapons, done at Vienna 10 July 1974 (“Australia-IAEA Comprehensive Safeguards Agreement”), and the Protocol Additional to the Agreement between Australia and the International Atomic Energy Agency for the Application of Safeguards in Connection with the Treaty on the Non-Proliferation of Nuclear Weapons, done at Vienna 23 September 1997 (collectively, “Australia-IAEA Safeguards Agreements”);

Further recognizing that Australia has announced its intention to negotiate and conclude an Article 14 arrangement with the International Atomic Energy Agency (“IAEA”) pursuant to the Australia-IAEA Comprehensive Safeguards Agreement, related to cooperation under this Agreement;
Recognizing Australia’s obligations under the South Pacific Nuclear Free Zone Treaty, done at Rarotonga 6 August 1985, and entered into force 11 December 1986;

Recalling the naval nuclear propulsion cooperation between the United Kingdom and the United States under the Agreement between the Government of the United Kingdom of Great Britain and Northern Ireland and the United States of America for Cooperation on the Uses of Atomic Energy for Mutual Defense Purposes, done at Washington 3 July 1958, as amended (“UK-U.S. MDA”);

Recalling their leaders’ 15 September 2021, announcement of an enhanced trilateral security partnership among Australia, the United Kingdom, and the United States called AUKUS, of which the first initiative is a shared ambition to support Australia in acquiring conventionally armed, nuclear-powered submarines for the Royal Australian Navy while setting the highest nonproliferation standard;

Recalling the Agreement between the Government of the United Kingdom of Great Britain and Northern Ireland, the Government of Australia, and the Government of the United States of America for the Exchange of Naval Nuclear Propulsion Information, done at Canberra 22 November 2021, and entered into force 8 February 2022 (“ENNPIA”);

Desiring to support the leaders’ announcement on 13 March 2023, regarding their optimal pathway for Australia’s acquisition of conventionally armed, nuclear-powered submarines (“Announcement”);

Recognizing the intention in the Announcement to pursue a phased approach based on mutual commitments from the United Kingdom, Australia, and the United States to support Australia’s development of the infrastructure, technical capabilities, industry, and human capital necessary to produce, maintain, operate, and steward a sovereign fleet of conventionally armed, nuclear-powered submarines;

Recognizing the principles, standards, and quality that have supported the UK and U.S. naval nuclear propulsion programs’ unmatched safety records and that Australia has committed to upholding these same principles and standards to safely steward naval nuclear propulsion technology;

Considering that the Announcement is to be implemented consistent with the Parties’ respective international and domestic obligations and that this Agreement is a necessary step to fulfill those obligations to support the secure communication and exchange of information and the transfer of necessary Material and Equipment;

Considering that the Parties are participating in international agreements and arrangements pursuant to which they are making substantial and material contributions to their mutual defense and security;

Recognizing that their common defense and security will be advanced by the exchange of information, including Naval Nuclear Propulsion Information,

and the transfer of Material and Equipment for conventionally armed, nuclear-powered submarines, in accordance with this Agreement; and

Believing that such exchanges and transfers can be undertaken without unreasonable risk to each Party's common defense and security,

Have agreed as follows:

ARTICLE I

General Provision

While the United Kingdom, Australia, and the United States are participating in international agreements and arrangements for their mutual defense and security and making substantial and material contributions thereto, each Party may communicate to and exchange with the other Parties information, and the United Kingdom and the United States may transfer Material and Equipment relating to conventionally armed, nuclear-powered submarines to Australia, in accordance with this Agreement, provided that the Originating Party determines that such cooperation will promote and will not constitute an unreasonable risk to its defense and security.

ARTICLE II

Definitions

For the purposes of this Agreement:

A. "Atomic Information" means Naval Nuclear Propulsion Information designated as "Restricted Data" by the United States, "ATOMIC" by the United Kingdom, and "SOUTHERN APEX" by Australia.

B. "Classified Information" means any information, data, services, or any other matter with the security designation of United Kingdom "OFFICIAL-SENSITIVE Naval Nuclear Propulsion Program Information" or higher, United States "Confidential" or higher, and Australia "Protected" or higher applied under the laws, regulations, and policies of the Parties respectively, including Atomic Information and that designated by the United States as National Security Information.

C. "Controlled Unclassified Information" means information created or possessed by the United States that requires safeguarding or dissemination controls pursuant to and consistent with applicable U.S. law, regulations, and government-wide policies but is not Classified Information.

D. “National Security Information” means information that has been determined pursuant to U.S. Executive Order Number 13526 or any predecessor or successor order to require protection against unauthorized disclosure and is marked to indicate its classified status when in documentary form.

E. “Naval Nuclear Propulsion Information” or “NNPI” means information concerning the design, arrangement, development, manufacture, testing, operation, administration, training, maintenance, or repair of the Naval Nuclear Propulsion Plants of naval nuclear-powered vessels and prototypes, including the associated shipboard and shore-based nuclear support facilities, and can be Classified Information or Controlled Unclassified Information.

F. “Equipment” means any instrument, apparatus, or facility, and includes any facility capable of making use of or producing Special Nuclear Material, and component parts and spare parts thereof, and includes Naval Nuclear Propulsion Plants or component parts and spare parts thereof. “Equipment” does not include a nuclear explosive device or component parts thereof.

G. “Material” means Source Material, Special Nuclear Material, or Byproduct Material, or any other material as mutually decided by the Parties.

H. “Source Material” means uranium, thorium, or any other material as mutually decided by the Parties.

I. “Byproduct Material” means any radioactive material (except Special Nuclear Material) yielded in or made radioactive by exposure to the radiation incident to the process of producing or utilizing Special Nuclear Material.

J. “Special Nuclear Material” means plutonium, uranium 233, or uranium enriched in the isotope 235, or any other material as mutually decided by the Parties.

K. “Naval Nuclear Propulsion Plant” means the Power Unit and such control, primary, auxiliary, steam, and electric systems as may be necessary for propulsion of conventionally armed, nuclear-powered submarines.

L. “Power Unit” means an apparatus in which a self-supporting fission chain reaction is maintained and controlled for use in naval nuclear propulsion.

M. “Person” means:

1. any individual or entity subject to the jurisdiction of a Party, including corporations, partnerships, firms, associations, trusts, estates, public or private institutions, groups, government agencies or government corporations, and employees of the foregoing entities; and

2. any legal successor, representative, agent, or agency of the foregoing entities.

N. “Originating Party” means the Party that communicated, exchanged, or transferred information, Material, or Equipment, as applicable, pursuant to this Agreement or the ENNPIA, unless the information, Material, or Equipment was first communicated, exchanged, or transferred pursuant to the UK-U.S. MDA. If the information, Material, or Equipment was originally communicated, exchanged, or transferred pursuant to the UK-U.S. MDA, the “Originating Party” means the Party that originally communicated, exchanged, or transferred the information, Material, or Equipment, as applicable, pursuant to that agreement.

O. “Recipient Party” means the Party that received the communication, exchange, or transfer of information, Material, or Equipment, as applicable, pursuant to this Agreement.

P. “Article 14 Arrangement” means the arrangement between Australia and the IAEA to be negotiated and concluded pursuant to Article 14 of the Australia-IAEA Comprehensive Safeguards Agreement and provisions of implementing mechanisms to the Article 14 Arrangement or to the Australia-IAEA Safeguards Agreements that relate to the Article 14 Arrangement or activities carried out pursuant to this Agreement.

Q. “Nuclear Risks” means those risks attributable to the radioactive, toxic, explosive, or other hazardous properties of Material.

ARTICLE III

Communication or Exchange of Information Related to Naval Nuclear Propulsion

- A. Each Party may communicate to or exchange with a Recipient Party NNPI and other related- technical data and technology subject to any of the Parties' export control requirements, as is determined to be necessary for the research, development, or design of Naval Nuclear Propulsion Plants, including their manufacture, operation, maintenance, regulation, and disposal, and may provide support to facilitate such communication or exchange, to the extent and by such means as may be mutually decided.
- B. Subject to terms and conditions acceptable to the Originating Party, each Party may authorize Persons to communicate, exchange, or receive information described in paragraph A of this Article.

ARTICLE IV

Naval Nuclear Propulsion Plants, Related Equipment, and Material

- A. Subject to terms and conditions acceptable to it, the United Kingdom or the United States may directly, or may authorize Persons to, transfer to Australia or Persons authorized by Australia, the Naval Nuclear Propulsion Plants of conventionally armed, nuclear-powered submarines, including component parts and spare parts thereof, and other related Equipment. Such transfer shall be by sale and subject to terms and conditions that are mutually decided in writing by the applicable Parties.
- B. If any Naval Nuclear Propulsion Plants are to be transferred pursuant to paragraph A of this Article, the United Kingdom or the United States shall transfer to Australia by sale agreed amounts of Special Nuclear Material contained in complete, welded Power Units, and other Material as needed for such Naval Nuclear Propulsion Plants, subject to such terms and conditions as may be mutually decided in writing by the applicable Parties.
- C. If a sale of Special Nuclear Material occurs pursuant to paragraph B of this Article, Australia shall compensate the United Kingdom or the United States, as applicable, for Special Nuclear Material at a price based on the fair market price of comparable enriched uranium at the time of sale. For types of enriched uranium that do not have a commercial market, compensation for sale shall be made at a price to be mutually determined by the United Kingdom and the United States.
- D. Australia shall be responsible for the management, disposition, storage, and disposal of any spent nuclear fuel and radioactive waste resulting from the operation of Naval Nuclear Propulsion Plants transferred pursuant to this

Article, including radioactive waste generated through submarine operations, maintenance, decommissioning, and disposal.

E. Australia shall indemnify, subject to paragraph F of this Article, the United Kingdom and the United States against any liability, loss, costs, damage or injury (including third-party claims) arising out of, related to, or resulting from Nuclear Risks connected with the design, manufacture, assembly, transfer, or utilization of any Material or Equipment, including Naval Nuclear Propulsion Plants and component parts and spare parts thereof, transferred or to be transferred pursuant to this Article.

F. The indemnity pursuant to paragraph E of this Article shall not apply:

1. To the extent that the United Kingdom or the United States, as applicable, has received payment from a third party for the same liabilities arising out of, related to, or resulting from Nuclear Risks; or
2. To a conventionally armed, nuclear-powered submarine that has been in service with the U.S. Navy until such time as it is transferred to Australia.

G. The Parties agree that arrangements:

1. Relating to the management of risks associated with the Nuclear Risks to be indemnified pursuant to paragraph E of this Article, including measures to provide appropriate visibility of activities; or
2. Relating to the allocation of other risks that are not Nuclear Risks arising out of or connected with the design, manufacture, assembly, transfer, or utilization of any Material or Equipment, including Naval Nuclear Propulsion Plants, component parts or spare parts thereof, transferred or to be transferred pursuant to this Article,

may be mutually entered into by the applicable Parties on terms and conditions pursuant to paragraph A of this Article or other bilateral or trilateral international agreements or arrangements between the applicable Parties connected with the transfer or prospective transfer of Material or Equipment pursuant to this Article.

H. Australia may make payments of appropriated funds to the other Parties for the purpose of implementing this Agreement.

ARTICLE V

Responsibility for Use of Information, Material, and Equipment

The application or use of any information (including design drawings and specifications), Material, or Equipment communicated, exchanged, or transferred pursuant to this Agreement shall be the responsibility of the Recipient Party, and the other Parties do not provide any indemnity, do not warrant the accuracy or completeness of such information, and do not warrant the suitability or completeness of such information, Material, or Equipment for any particular use or application.

ARTICLE VI

Conditions and Guarantees

A. Cooperation under this Agreement shall be carried out by each Party in accordance with that Party's applicable laws and regulations.

B. All conditions, limitations, and guarantees contained in this Agreement that relate to the communication or exchange of information shall also apply to information that is contained in Material or Equipment transferred pursuant to this Agreement, is contained in Special Nuclear Material used in or produced through the use of any Material or Equipment transferred pursuant to this Agreement, or that results from or is derived from such information, Material, or Equipment.

C. Information, Material, and Equipment communicated, exchanged, or transferred pursuant to this Agreement shall not be used for any nuclear explosive device, or for research on or development of any nuclear explosive device.

D. Unless otherwise mutually decided in writing by the Parties, Australia shall use only Special Nuclear Material transferred pursuant to this Agreement for naval nuclear propulsion and shall not use Special Nuclear Material from any other source for naval nuclear propulsion. Australia shall not enrich uranium, produce nuclear fuel, or reprocess spent nuclear fuel for naval nuclear propulsion.

E. Australia shall not enrich or reprocess Material transferred pursuant to this Agreement or Special Nuclear Material used in or produced through the use of any Material or Equipment transferred pursuant to this Agreement. Australia shall not otherwise alter in form or content Material transferred pursuant to this Agreement without the prior written consent of the United Kingdom and the United States.

F. Information (including information incorporated in a production or utilization facility or important component part thereof) that is important to the design, construction, fabrication, operation, or maintenance of a uranium enrichment or nuclear fuel reprocessing facility or a facility for the production of heavy water shall not be communicated or exchanged pursuant to this Agreement.

G. Except as may otherwise be mutually agreed in writing by the Parties, the Recipient Party agrees not to use information, Material, or Equipment communicated, exchanged, or transferred pursuant to this Agreement other than for purposes provided for in this Agreement.

H. The United Kingdom and the United States shall have the right to cease further cooperation under this Agreement, including suspension or termination of transfers of Material and Equipment, and to require the return of any Material or Equipment transferred pursuant to this Agreement, and any Special Nuclear Material produced through the use of any Material or Equipment transferred pursuant to this Agreement, if Australia: materially breaches its obligations under the NPT, the Australia-IAEA Safeguards Agreements, or the Article 14 Arrangement; terminates, abrogates, or otherwise withdraws from any of the foregoing agreements or arrangements; or detonates a nuclear weapon or other nuclear explosive device.

I. Australia shall establish and maintain a system of accounting for and control of all Material transferred pursuant to this Agreement and any Special Nuclear Material used in or produced through the use of any Material or Equipment transferred pursuant to this Agreement. The Parties shall consult with each other regarding methods and technology for providing such accounting and control.

J. No Special Nuclear Material transferred pursuant to this Agreement, produced through the use of any Material transferred pursuant to this Agreement, or recovered from any Material used in any Equipment transferred pursuant to this Agreement shall be stored in any facility that has not been mutually decided in writing in advance by the Parties.

K. All Australian nuclear-powered submarines shall be conventionally armed.

ARTICLE VII

Cooperation Related to the Application of the Australia-IAEA Safeguards Agreements

A. Cooperation under this Agreement shall require the application of the Australia-IAEA Safeguards Agreements and, as applicable, the Article 14 Arrangement with respect to all nuclear activities within the territory of Australia, under its jurisdiction or carried out under its control anywhere, in accordance with the provisions of those instruments. Special Nuclear Material and Source Material transferred to Australia pursuant to this Agreement, and Special Nuclear Material used in or produced through the use of Material or Equipment transferred pursuant to this Agreement, shall be subject to the Australia-IAEA Safeguards Agreements and, as applicable, the Article 14 Arrangement.

B. Australia shall have in place the Article 14 Arrangement, including any necessary implementing mechanisms, prior to the United Kingdom or the United States transferring any Material to Australia pursuant to this Agreement. With respect to the Article 14 Arrangement:

1. Australia shall consult with the United Kingdom and the United States during its negotiations with the IAEA in relation to the Article 14 Arrangement to ensure the proposed Article 14 Arrangement: protects information in accordance with paragraph F of this Article; avoids unduly hampering, delaying, or interfering with the Recipient Party's use of Material and Equipment pursuant to paragraph H of this Article; fulfills the Parties' commitment to the highest nonproliferation standard; and is consistent with the Parties' obligations under this Agreement; and
2. Prior to Australia concluding the Article 14 Arrangement with the IAEA or any amendment or modification thereto, Australia shall ensure, through consultation with the United Kingdom and United States, that the Parties have a shared view that the proposed Article 14 Arrangement meets the requirements in subparagraph B.1 above.

C. Australia shall ensure, through consultation with the United Kingdom and United States, that the Parties have a shared view that any proposed amendment to the Australia-IAEA Safeguards Agreements that would relate to Material or Equipment transferred pursuant to this Agreement: protects information in accordance with paragraph F of this Article; avoids unduly hampering, delaying, or interfering with the Recipient Party's use of Material and Equipment pursuant to paragraph H of this Article; fulfills the Parties' commitment to the highest nonproliferation standard; and is consistent with the Parties' obligations under this Agreement.

D. Australia shall collaborate with the other Parties on measures to be developed with the IAEA to support the IAEA's ability to effectively implement the Australia-IAEA Safeguards Agreements and the Article 14 Arrangement to meet the IAEA's objectives with respect to Material and Equipment transferred pursuant to this Agreement.

E. If any of the Parties becomes aware of circumstances which demonstrate that the IAEA for any reason is not or will not be applying the Australia-IAEA Safeguards Agreements or the Article 14 Arrangement, the Parties shall immediately enter into arrangements which conform with IAEA principles and procedures and the Australia-IAEA Safeguards Agreements and, as applicable, the Article 14 Arrangement, and which provide assurance equivalent to that intended to be secured by those instruments.

F. The Parties agree to protect NNPI and related Classified Information from disclosure to the IAEA. The Parties shall ensure that Australia can provide the IAEA with other information and access necessary to fulfill its obligations to the IAEA under the Australia-IAEA Safeguards Agreements and the Article 14 Arrangement. The Parties shall mutually consult and, prior to the provision of information to the IAEA, develop written mechanisms to implement this paragraph.

G. Upon the request of the United Kingdom or the United States, Australia shall report or permit the IAEA to report to the United Kingdom and the United States on the safeguards status of all inventories of Source Material and Special Nuclear Material transferred pursuant to this Agreement.

H. This Article shall be implemented in such a manner as to avoid unduly hampering, delaying, or interfering in the Recipient Party's use of Material and Equipment transferred pursuant to this Agreement to the extent such use is consistent with this Agreement.

ARTICLE VIII

Security of Information, Material, and Equipment

A. The Parties shall accord full security protection to information, Material, and Equipment communicated, exchanged, or transferred pursuant to this Agreement in accordance with this Agreement and in accordance with applicable laws, regulations, and policies of the Parties. In no case shall any Party maintain security standards for protecting information, Material, or Equipment communicated, exchanged, or transferred pursuant to this Agreement that are less restrictive than those set forth in this Agreement.

B. Any information communicated or exchanged pursuant to this Agreement shall be accorded at least the same level of protection by the Recipient Party as that accorded to such information by the Originating Party.

The Parties shall consult with each other regarding the appropriate protection for such information.

C. Any information, Material, or Equipment communicated, exchanged, or transferred pursuant to this Agreement shall only be made available through channels existing or hereafter established for the communication, exchange, or transfer of such information, Material, or Equipment among the Parties.

D. The Recipient Party shall maintain adequate physical security with respect to any information, Material, and Equipment communicated, exchanged, or transferred pursuant to this Agreement and with respect to any Special Nuclear Material used in or produced through the use of any Material or Equipment so transferred.

1. Such physical security shall be maintained in accordance with any applicable international agreements and is expected to be maintained consistent with any applicable arrangements.
2. Such physical security shall protect against theft, espionage, sabotage, unauthorized access, or any other hostile activity.
3. The adequacy of physical security measures maintained by the Recipient Party pursuant to this paragraph with respect to Material and Equipment transferred pursuant to this Agreement and with respect to any Special Nuclear Material used in or produced through the use of any Material or Equipment so transferred shall be subject to review and consultation by the Parties periodically and whenever an Originating Party is of the view that revised measures may be required to maintain adequate physical security.
4. Each Party shall identify those agencies or authorities responsible for ensuring that levels of physical security are adequately met.

This paragraph shall be implemented in such a manner as to avoid unduly hampering, delaying, or interfering in the Recipient Party's use of Material and Equipment transferred pursuant to this Agreement to the extent such use is consistent with this Agreement.

ARTICLE IX

Dissemination of Information, Material, and Equipment

A. The government agencies that may authorize Persons for the purposes of Articles III.B, IV.A, IX.B, and Annex A of this Agreement shall be the United States Department of Energy, United Kingdom Ministry of Defence, the Australian Submarine Agency, or any legal successor of those agencies.

B. Information, Material, and Equipment communicated, exchanged, or transferred pursuant to this Agreement, and any Special Nuclear Material used in or produced through the use of any Material or Equipment transferred pursuant to this Agreement, shall not be communicated, exchanged, or transferred by the Recipient Party or Persons under its jurisdiction to any unauthorized Persons or, except as provided in paragraph C of this Article, beyond the jurisdiction or control of the Parties. Each Party may stipulate the degree to which any of the information, Material, or Equipment communicated, exchanged, or transferred by it or authorized Persons under its jurisdiction pursuant to this Agreement may be disseminated or distributed; may specify the categories of Persons who may have access to such information; and may impose such other restrictions on the dissemination or distribution of such information as it deems necessary.

C. Nothing in this Agreement shall be interpreted, or shall operate, as a bar or restriction to consultation or cooperation by any Party with other nations or international organizations. No Party, however, shall communicate, exchange, or transfer information, Material, or Equipment communicated, exchanged, or transferred pursuant to this Agreement or any Special Nuclear Material used in or produced through the use of any Material or Equipment transferred pursuant to this Agreement, to any other nations, foreign or international entities, or individuals who are not nationals of the Parties unless mutually agreed in writing by the Parties. Notwithstanding the foregoing, information communicated or exchanged pursuant to this Agreement may be provided to the IAEA to the extent permitted by, and in accordance with, Article VII.F of this Agreement.

D. No Party shall communicate, exchange, or transfer information, Material, or Equipment made available by another Party pursuant to this Agreement to an individual who is not its national and who is a national of another Party without the written consent of that other Party.

E. Nothing in this Agreement shall preclude the communication, exchange, or transfer of information, Material, or Equipment that may be transmitted under other applicable agreements or arrangements between any of the Parties.

ARTICLE X

Information Security Policies

A. Information security policies mutually decided in writing shall be maintained with respect to all information, Material, and Equipment communicated, exchanged, or transferred pursuant to this Agreement. The Parties shall consult with each other on these matters.

B. In the event that any Party updates its national information security terminology referred to in Article II of this Agreement, it shall notify the other Parties in writing and, upon mutual written determination, any relevant definition shall be read using the updated terminology for the purposes of this Agreement.

ARTICLE XI

Intellectual Property

A. The Parties shall ensure adequate and effective protection of intellectual property created or furnished under this Agreement and relevant implementing instruments. Rights to such intellectual property shall be addressed as provided in this Article.

B. With respect to any invention employing or derived from information, Material, or Equipment that has been communicated, exchanged, or transferred by the Originating Party pursuant to this Agreement and made or conceived by the Recipient Party, or any agency or corporation owned or controlled by that Party, or any of their agents or contractors, or any employee of any of the foregoing, after the date of such communication, exchange, or transfer:

1. The Recipient Party shall obtain, by appropriate means, sufficient right, title, and interest in and to such invention, including any patent application or patent thereon, in order to fulfill its obligations under subparagraph B.2;
2. The Recipient Party shall transfer and assign to the Originating Party all right, title, and interest worldwide in and to the invention, including any patent application or patent thereon, subject to the retention of a royalty-free, non-exclusive, irrevocable, perpetual, worldwide license, with the right to grant sublicenses to authorized Persons, for the governmental purposes of the Recipient Party and for the purposes of the Parties' mutual defense and security; and
3. The Originating Party shall then grant to the third Party to this Agreement a royalty-free, non-exclusive, irrevocable, perpetual,

worldwide license, with the right to grant sublicenses to authorized Persons, for the governmental purposes of that third Party and for purposes of the Parties' mutual defense and security.

C. Each Party shall, to the extent owned by it, or any agency or corporation owned or controlled by that Party, grant to the other Parties a non-exclusive, irrevocable license, with the right to grant sublicenses to authorized Persons, to use the subject matter covered by any intellectual property rights and incorporated in any Material or Equipment transferred pursuant to this Agreement for use by the other Parties for the purposes provided for in this Agreement.

D. Neither the United Kingdom nor the United States warrants or represents that any information, Material, or Equipment communicated, exchanged, or transferred pursuant to this Agreement does not infringe any patent owned or controlled by other Persons and assumes no liability or obligation with respect thereto, and Australia agrees to indemnify the United Kingdom and the United States and their employees, for any and all liability arising out of any infringement of any such patent.

E. With respect to any invention, including any patent application or patent thereon, or license or sublicense thereto covered by paragraph B or C of this Article, each Party hereby waives any and all of its legal claims against the other Parties for compensation, royalty, or award.

F. The Parties may conclude legally binding instruments for the purpose of allocating intellectual property rights arising under this Agreement other than those allocated in paragraphs B and C of this Article.

G. Notwithstanding anything to the contrary in this Article or in any instrument concluded pursuant to paragraph F of this Article:

1. No patent application with respect to any invention employing or derived from information, Material, or Equipment communicated, exchanged, or transferred pursuant to this Agreement that includes Classified Information, Controlled Unclassified Information, or technical data or technology subject to export control requirements may be filed:
 - (a) By any Party or any Person in the country of any Party, except in accordance with conditions and procedures mutually decided in writing by the Parties; or
 - (b) In any jurisdiction not a Party to this Agreement, except as may be mutually agreed in writing by the Parties and subject to Articles VI and IX of this Agreement.

2. Appropriate secrecy or prohibition orders shall be issued for the purpose of giving effect to paragraph G.1 of this Article.
3. Any intended publication of information employing or derived from information communicated or exchanged pursuant to this Agreement or related to Material or Equipment transferred pursuant to this Agreement shall be subject to the Parties' respective review processes for: Classified Information, Controlled Unclassified Information, and technical data or technology subject to export control requirements. Classified Information, Controlled Unclassified Information, or technical data or technology subject to export control requirements employing or derived from information communicated or exchanged pursuant to this Agreement may not be published except in accordance with the applicable laws and regulations of the Parties and only following such review by the Parties.

H. As between the United Kingdom and the United States, intellectual property rights related to information, Material, or Equipment originally communicated, exchanged, or transferred between those Parties pursuant to the UK-U.S. MDA shall be allocated and governed by that agreement.

ARTICLE XII

Other Agreements

A. Upon entry into force, this Agreement supersedes the ENNPIA, which shall terminate at that time, and the cooperation between the Parties being carried out under or envisaged by the ENNPIA shall be carried out in accordance with this Agreement. Notwithstanding Article X.C of the ENNPIA, information originally communicated or exchanged pursuant to the ENNPIA shall be treated in accordance with this Agreement.

B. Except as provided in paragraph A of this Article, this Agreement does not affect the Parties' rights and obligations under any other agreement in force at the time of entry into force of this Agreement. If any Party identifies an inconsistency between this Agreement and such other agreement, the relevant Parties shall consult upon request.

ARTICLE XIII

Final Provisions

A. This Agreement shall enter into force for all Parties on the date of the last note in an exchange of diplomatic notes among the Parties providing notification that each Party has completed all domestic requirements for the

entry into force of this Agreement. This Agreement shall remain in force until 31 December 2075.

B. Any Party may, by giving at least one year's written notice to the other Parties, terminate this Agreement.

C. The Parties shall resolve any disagreements arising in the implementation or interpretation of this Agreement through mutual consultations without recourse to any other dispute settlement mechanisms.

D. If any Party, at any time following the entry into force of this Agreement, materially breaches or terminates this Agreement, each other Party shall have the right to require the return or destruction of any information, Material, and Equipment that it communicated, exchanged, or transferred pursuant to this Agreement. A Party considering a determination of material breach or a decision to give a written notice to terminate this Agreement is expected to consult with the other Parties prior to finalizing such a determination or decision.

E. Notwithstanding the termination or expiration of this Agreement, information, Material, or Equipment communicated, exchanged, or transferred pursuant to this Agreement prior to the expiration or effective date of termination shall continue to be treated in accordance with Articles IV.D-H, V, VI.B-E, G-K, VII, VIII.A-B, and D.1, 2, IX.A-D, X, and XI of this Agreement, as well as Annex A. Additionally, termination of this Agreement shall not affect rights or obligations under Article XI.

F. Amendments to this Agreement may be made as mutually agreed in writing by the Parties and shall enter into force on the date of the last note in an exchange of diplomatic notes among the Parties providing notification that each Party has completed all domestic requirements for the entry into force of the agreement to amend.

G. The Parties may enter into instruments or develop other mechanisms to implement this Agreement, including those provided for in Articles IV.A, IV.G, VII.F, and XI.F. For the avoidance of doubt, all such instruments or mechanisms, as well as implementation of this Agreement, shall be consistent with the terms of this Agreement, and this Agreement shall prevail to the extent of any inconsistency.

IN WITNESS WHEREOF, the undersigned, being duly authorized by their respective Governments, have signed this Agreement.

Done at Washington, this Fifth day of August, 2024, in three originals, in the English language.

For the Government of the United Kingdom of Great Britain and Northern Ireland:

KAREN PIERCE

For the Government of Australia:

RICHARD MARLES

For the Government of the United States of America:

KURT CAMPBELL

ANNEX A: ANNEX RELATED TO INFORMATION, PHYSICAL, AND PERSONNEL SECURITY

This Annex related to information, physical, and personnel security is agreed among the Parties in connection with the Agreement Among the Government of the United Kingdom of Great Britain and Northern Ireland, the Government of Australia, and the Government of the United States of America for Cooperation Related to Naval Nuclear Propulsion (“Agreement”), of which this Annex is an integral part:

SECTION I – INFORMATION SECURITY: GENERAL PROVISIONS

- A. Naval Nuclear Propulsion Information (NNPI) communicated or exchanged between or among the Parties shall have the appropriate information protection markings. In order to protect the Parties’ NNPI, the Recipient Party shall maintain the markings of the Originating Party and may apply a suitable handling instruction identifying a corresponding security classification of the Recipient Party and shall protect the received NNPI according to the requirements set forth in this Agreement, including this Annex.
- B. For purposes of this Annex, a "Responsible Authority" means the agencies identified in Article IX.A of this Agreement.
- C. Consistent with Article VI.B of this Agreement, all conditions, limitations, and guarantees contained in this Annex that relate to the communication or exchange of information shall also apply to information that is contained in Material or Equipment transferred pursuant to this Agreement, is contained in Special Nuclear Material used in or produced through the use of any Material or Equipment transferred pursuant to this Agreement, or that results from or is derived from such information, Material, or Equipment.

SECTION II – CLASSIFIED INFORMATION SECURITY: CONTROL OF NNPI THAT CONSTITUTES CLASSIFIED INFORMATION

- A. Control programs shall be maintained to protect NNPI that constitutes Classified Information, which shall have for their basic purposes:
 - 1. Classification in strict accord with the potential harm associated with compromise of Classified Information;
 - 2. Control of access;
 - 3. Ready accountability commensurate with the degree of potential harm; and
 - 4. Destruction when no longer needed.
- B. Each Party shall classify NNPI strictly in accordance with that Party’s applicable security classification policies. To promote uniformity, the following special rules shall be observed:

1. Documents shall be classified according to content and not necessarily according to relationship to other documents;
2. Classification of a file or group of documents physically connected shall be at least as high as that of the most highly classified document therein;
3. The overall classification of a document shall be at least as high as the highest classified portion of the document, even though separate pages, paragraphs, sections, or components thereof may bear different classifications;
4. Documents and physical items shall be conspicuously marked so that current classifications are clearly visible and readily understandable. For NNPI that constitutes Classified Information that is orally communicated, the communicating Party shall clearly state the applicable classification level before it is communicated; and
5. When a document is reproduced, all original security markings thereon shall also be reproduced or shown on each reproduction.

C. Each Party shall identify locations where it may use NNPI that constitutes Classified Information, in accordance with its relevant security controls. Security controls for such identified locations shall be at least as restrictive as those authorized by the Originating Party. Except during the periods when such NNPI is in use by authorized individuals, it shall be stored in repositories of approved design and construction, as determined by each Party. NNPI that constitutes Classified Information that is stored or processed in information technology systems shall be protected against unauthorized access, destruction, and illegal modification. The nature and extent of the protection given shall be commensurate with the assessed threat to and vulnerability of the systems involved. Threats, vulnerabilities, and resultant risks shall be assessed by each Party's Responsible Authority. All information technology systems processing NNPI that constitutes Classified Information must meet the requirements of the United States Naval Nuclear Propulsion Program ("U.S. NNPP"). In addition, security controls shall be implemented to ensure that individuals who are not authorized for access to NNPI that constitutes Classified Information, albeit security cleared for other Classified Information, cannot gain access to such information. The nature and quality of such controls shall be endorsed by each Party's Responsible Authority.

D. Requirements for intra-Party transmission of NNPI that constitutes Classified Information made available by another Party shall be mutually determined in writing by the Parties.

E. Accountability procedures shall be mutually determined in writing by the Parties to control dissemination of NNPI that constitutes TOP SECRET NNPI.

F. Documents containing NNPI that constitutes Classified Information, when no longer needed, shall be destroyed completely, to prevent anyone from reconstructing such information. Approved destruction methods shall include any method authorized by the policies of the Party in possession of the NNPI that constitutes Classified Information at the time of destruction for the equivalent classification level of the document.

G. Storage media and similar items containing NNPI that constitutes Classified Information shall be protected and, when no longer needed, destroyed by physical destruction of components or media in the manner prescribed for documents of the same classification.

SECTION III – INFORMATION SECURITY: NNPI THAT CONSTITUTES CONTROLLED UNCLASSIFIED INFORMATION

A. Naval Nuclear Propulsion Information that constitutes Controlled Unclassified Information shall be encrypted when it is transmitted by electronic means on an unclassified network, and the method of encryption shall be determined by each Party in accordance with domestic policy. All information technology systems processing NNPI that constitutes Controlled Unclassified Information must meet the requirements of the U.S. NNPP.

B. Documents containing NNPI that constitutes Controlled Unclassified Information, when no longer needed, shall be destroyed completely to prevent anyone from reconstructing the information. Approved destruction methods shall include any method authorized by the policies of the Party in possession of the NNPI that constitutes Controlled Unclassified Information at the time of destruction.

C. Storage media and similar items containing NNPI that constitutes Controlled Unclassified Information shall be protected and, when no longer needed, destroyed by physical destruction of components or media. Approved destruction methods shall include any method authorized by the policies of the Party in possession of the NNPI that constitutes Controlled Unclassified Information at the time of destruction.

D. Each Party shall identify locations where it may use NNPI that constitutes Controlled Unclassified Information, in accordance with its relevant security controls. Security controls for such identified locations shall be at least as restrictive as those authorized by the Originating Party. Except during the periods when such NNPI is in use by authorized individuals, it shall be stored in repositories of approved design and construction, as determined by each Party. NNPI that constitutes Controlled Unclassified Information stored or processed in information technology systems shall be protected

against unauthorized access, destruction, and illegal modification. The nature and extent of the protection given shall be commensurate with the assessed threat to and vulnerability of the systems involved. Threats, vulnerabilities, and resultant risks shall be assessed by each Party's Responsible Authority. In addition, security controls shall be implemented to ensure that individuals who are not authorized for access to NNPI that constitutes Controlled Unclassified Information cannot gain access to such information. The nature and quality of such controls shall be endorsed by each Party's Responsible Authority.

SECTION IV – PERSONNEL SECURITY

A. Consistent with Article IX.A-B of this Agreement, prior to affording access to NNPI communicated or exchanged pursuant to this Agreement, a determination for each individual to be afforded such access shall be made by a Responsible Authority of the Recipient Party.

B. Access to NNPI communicated or exchanged pursuant to this Agreement shall be afforded only to those individuals whose official duties require such access. No individual shall be granted access unless it is affirmatively determined by the Responsible Authority of the Party providing access that such access will not endanger the national security of that Party or pose an undue risk to the common defense and security of the Parties.

C. Access to NNPI that constitutes Classified Information:

1. The Responsible Authority of a Party may only grant an individual access to NNPI that constitutes Classified Information if facts and circumstances indicate that the granting of the access is consistent with national security interests of the Party. Such a determination shall be based on all relevant information. Prior to this determination, an investigation shall be conducted by the Responsible Authority of the Party making the determination, and the information thus developed shall be reviewed and adjudicated using criteria developed by the Responsible Authority of the Party making the determination. The criteria may be revised by each Party. Each Party shall make available to the other Parties the established criteria used in making access determinations and shall notify the other Parties if significant changes occur to the criteria. The Responsible Authority of the Party granting individuals access to NNPI that constitutes Classified Information shall conduct periodic reviews to ensure that each individual with access to NNPI that constitutes Classified Information conforms with the current standards applicable to the individual's employment and shall be re-examined as a matter of priority when new information is received which indicates that continued employment involving access to NNPI that constitutes Classified Information may no longer be consistent with the interests of security.

2. The minimum scope and extent of such an investigation shall be related to the nature and significance of the access to be afforded to the individual in accordance with the criteria developed by the Party conducting the investigation.
3. Within each Party, effective liaison shall be maintained among the national agencies responsible for national security and the agencies responsible for the access determination and program execution to assure prompt notification of information with derogatory implications developed subsequently to the granting of access to NNPI that constitutes Classified Information.
4. Access to NNPI shall be approved separately from the adjudication of a security clearance for access to other Classified Information conducted under each Party's applicable procedures for security clearances. For the avoidance of doubt, access to NNPI that constitutes Classified Information requires both a security clearance and a separate determination related to access to NNPI pursuant to this Section.

D. Each Party shall require any non-governmental facility handling NNPI to maintain an appropriate record of the status of individuals authorized to have access to such information at that facility.

SECTION V – PHYSICAL SECURITY

A. Consistent with Article VIII.D of this Agreement, each Party shall establish programs for physical security of NNPI communicated or exchanged and for Material and Equipment transferred pursuant to this Agreement and for any Special Nuclear Material used in or produced through the use of any Material or Equipment transferred so as to assure:

1. Proper protection during use, in storage, and in transit;
2. The establishment of security areas, with controlled access, when deemed necessary by reason of the sensitivity, character, volume, and use of the NNPI, Material, or Equipment involved, and the character and location of the building or buildings involved. Perimeter barriers (natural or structural) shall be established when considered necessary to prevent or impede unauthorized access because of the particular sensitivity or revealing characteristics of the NNPI, Material, or Equipment involved;
3. A system of controlled access which shall embody procedures for authorization by a Party's Responsible Authority, accurate methods of personnel identification, and accountability for identification media, and a means of enforcing limitations on movement and access to security areas; and

4. The exchange of views regarding security system technologies, and information relating to their application to Material and Equipment transferred pursuant to this Agreement and Special Nuclear Material used in or produced through the use of Material or Equipment so transferred.

B. Facility Index. Each Party shall maintain appropriate records of its approved non-government facilities where NNPI communicated or exchanged, and Material and Equipment transferred under this Agreement or Special Nuclear Material used in or produced through the use of Material or Equipment so transferred may be used and stored.

SECTION VI - ADDITIONAL REQUIREMENTS

A. Visits. It is recognized that cooperation pursuant to this Agreement, including this Annex, may require individuals sponsored by one Party to visit another Party. In furtherance of this visit, the Responsible Authority of the sponsoring Party shall furnish (in advance) to the Responsible Authority of the Party to be visited, an assurance in writing that the individual is eligible for access to particular categories of NNPI communicated or exchanged under Article III of this Agreement in the country of the sponsoring Party.

B. Security of Contracts. Every contract, sub-contract, consultant agreement, or other arrangement entered into by any Party or government agency or government corporation of any Party, and relating to NNPI communicated or exchanged pursuant to this Agreement, shall contain appropriate clauses imposing obligations to abide by the security arrangements in this Agreement, including this Annex.

C. Loss or Compromise. In the event of loss or possible compromise of NNPI communicated or exchanged pursuant to this Agreement, any individual having knowledge of such loss or possible compromise shall be required to promptly report such loss or compromise to the Responsible Authority of the Party that granted the individual access. The Responsible Authority of the Party in whose jurisdiction the loss or possible compromise occurred shall undertake an immediate investigation into the circumstances surrounding the incident. The Recipient Party shall promptly notify the other Parties of the loss or compromise and the findings of the investigation.

D. Reports. The Recipient Party shall from time to time submit such reports as are requested by the Originating Party concerning NNPI communicated or exchanged pursuant to this Agreement and the dissemination of NNPI on which particular restrictions have been placed by the Originating Party.

E. Continuing Review of Security System. The Parties recognize that the effective and prompt implementation of their respective security policies can be materially advanced through reciprocal visits of security personnel.

Accordingly, the Parties agree to continue thorough exchanges of views on security policies, standards, and procedures, and to permit their respective security working groups to examine and view at first hand the implementing procedures of the agencies responsible for the administration of the Parties' naval nuclear propulsion programs, for the purpose of achieving an understanding of adequacy and reasonable comparability of the respective systems.

ANNEX B: ANNEX RELATED TO SPECIAL NUCLEAR MATERIAL AND EQUIPMENT

This Annex details Special Nuclear Material and Equipment that may be transferred to Australia by the United Kingdom and the United States pursuant to Article IV of the Agreement Among the Government of the United Kingdom of Great Britain and Northern Ireland, the Government of Australia, and the Government of the United States of America for Cooperation Related to Naval Nuclear Propulsion (“Agreement”) of which this Annex is an integral part:

SECTION I – SPECIAL NUCLEAR MATERIAL

With respect to any Special Nuclear Material to be transferred only in complete, welded Power Units pursuant to Article IV.B of this Agreement:

- A. Such Power Units shall contain highly enriched uranium and, only with respect to irradiated fuel, may contain plutonium.
- B. The United Kingdom or the United States shall provide conversion, enrichment, fabrication, and other services related to the Special Nuclear Material to Australia, under such terms and conditions, and at such times, as mutually decided in writing by the applicable Parties. Consistent with Article VI.E-F of this Agreement, such services shall not include the communication or exchange of information related to enrichment or reprocessing to Australia.
- C. The total amount of such Special Nuclear Material that may be transferred shall not exceed the total amount needed for the number of conventionally armed, nuclear-powered submarines to be provided or constructed under the AUKUS trilateral security partnership.

SECTION II – EQUIPMENT

Equipment that may be transferred in accordance with Article IV.A of this Agreement may include:

- A. Equipment needed for the research, development, or design, of Naval Nuclear Propulsion Plants, including their manufacture, operation, maintenance, regulation, and disposal. Such Equipment would further include any Equipment necessary for the acquisition, specification, inspection, installation, certification, testing, overhaul, refueling, and operating practices and procedures of such Naval Nuclear Propulsion Plants and security and supply support for such Naval Nuclear Propulsion Plants, as well as any special maintenance and service facilities related thereto;

- B. Training and services associated with such Equipment; and
- C. Program support associated with such Equipment in areas such as safety, security, nuclear safeguards, transportation, public information, procurement, logistics, and fiscal management.

UNDERSTANDING AMONG THE GOVERNMENT OF THE UNITED KINGDOM OF GREAT BRITAIN AND NORTHERN IRELAND, THE GOVERNMENT OF AUSTRALIA, AND THE GOVERNMENT OF THE UNITED STATES OF AMERICA,

During the negotiation of the Agreement Among the Government of the United Kingdom of Great Britain and Northern Ireland, the Government of Australia, and the Government of the United States of America for Cooperation Related to Naval Nuclear Propulsion (“Agreement”), the Government of the United Kingdom of Great Britain and Northern Ireland (“United Kingdom”), the Government of Australia (“Australia”), and the Government of the United States of America (“United States”) (collectively, “Governments”) discussed their intended approach to certain Articles of the Agreement. The Governments desired to memorialize those discussions in this Understanding, which guides implementation, but which does not alter or form an integral part of the Agreement:

1. The Governments intend to jointly cooperate to facilitate Australia’s effective integration into, and use by, its naval nuclear propulsion program of any information communicated or exchanged pursuant to Article III of the Agreement.
2. The United Kingdom and the United States should make best efforts to transfer Material and Equipment to Australia, as may be agreed pursuant to Article IV and in accordance with their respective export control requirements.
3. The Governments intend to do all things practicable to obtain the necessary national authorizations and approvals under Article IX.B of the Agreement, including use of export exemptions where available under the Governments’ applicable export control laws and export permits, to enable appropriate dissemination and distribution of information, Material, and Equipment within the Governments’ jurisdictions.
4. Australia may directly, or may authorize Persons to, transfer and retransfer to the United Kingdom or the United States, in accordance with the Governments’ applicable laws, Material and Equipment related to Naval Nuclear Propulsion Plants, including component parts or spare parts thereof, of conventionally armed, nuclear-powered submarines, including for manufacture, operation, maintenance, regulation, and disposal.
5. The Governments reaffirm their commitment to setting the highest nonproliferation standard in connection with their cooperation pursuant to the Agreement, including in relation to Article VII of the Agreement and the Article 14 Arrangement. In this regard, the Governments affirm their objective of enabling the International

Atomic Energy Agency to continue to verify that there is no diversion of nuclear material for the production of nuclear weapons or other nuclear explosive devices, no misuse of nuclear facilities, and no undeclared nuclear material or activities in Australia throughout the lifecycle of Australia's conventionally armed, nuclear-powered submarine program.

6. The United Kingdom and the United States should not unreasonably withhold information, Material, or Equipment from Australia, and the Governments are expected to take all reasonable steps to facilitate in a timely manner any communication or exchange of information or transfer of Equipment and Material that may be authorized pursuant to the Agreement. The Governments affirm that cooperation under the Agreement is to be carried out in such a manner as to not adversely affect the ability of the United Kingdom and the United States to meet their respective military requirements and to not degrade their respective naval nuclear propulsion programs.
7. Without limiting or altering the legal rights or obligations provided for in Articles IV.E-F and V of the Agreement, the United Kingdom and the United States intend to apply their respective standards and quality control processes that they would apply for similar Material and Equipment for their own governmental uses to Material and Equipment to be transferred to Australia pursuant to the Agreement.
8. This Understanding becomes operative upon the date of the last signature below or the date on which the Agreement enters into force, whichever is later.
9. This Understanding may be modified as mutually decided in writing by the Governments.
10. This Understanding ceases to be operative on the same date that the Agreement expires or is terminated. A Government may discontinue its participation in this Understanding earlier and, in such case, should provide one year's written notice to the other Governments of its intent to do so.

Signed, in triplicate, at Washington on Fifth August, 2024, in the English language.

For the Government of the United Kingdom of Great Britain and Northern Ireland:

KAREN PIERCE

For the Government of Australia:

RICHARD MARLES

For the Government of the United States of America:

KURT CAMPBELL

E03191366

978-1-5286-5160-8