AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT	1. CONTRACT ID CODE AC	PAGE OF PAGES 1 | 1

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. *(If applicable)*
M133	See Block 16.c	NOPR	

6. ISSUED BY CODE

U. S. Department of Energy
National Nuclear Security Administration
P. O. Box 2050
Oak Ridge, TN 37831

7. ADMINISTERED BY *(If other than Item 6)* CODE

8. NAME AND ADDRESS OF CONTRACTOR *(No., street, county, State and ZIP Code)*

BWXT Y-12, L.L.C.
P.O. Box 2009
Attn: Scott Baker
MS 8004
Oak Ridge, TN 37831-8014

CODE | FACILITY CODE

9A. AMENDMENT OF SOLICITATION NO.

☐ **9B. DATED** *(SEE ITEM 11)*

X **10A. MODIFICATION OF CONTRACT/ORDER NO.** DE-AC05-00OR22800

10B. DATED *(SEE ITEM 13)* August 31, 2000

11. THIS ITEM APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)*

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	
☐	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: *(Specify authority)* THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT/ORDER NO. IN ITEM 10A.
☐	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES *(such as changes in paying office, appropriation date, etc.)* SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
☐	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER *(Specify type of modification and authority)* P.L. 95-91and Mutual Agreement

E. IMPORTANT: Contractor is not, X is required to sign this document and return 2 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION *(Organized by UCF section headings, including solicitation/contract subject matter where feasible.)*

The attached document contains the current Bilateral and Multilateral agreements contemplated in DEAR 970.5227-12 included in the contract (see paragraph (b) (6)). This document will be inserted in Section J of the contract and be designated as Attachment I.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER *(Type or print)*		16A. NAME AND TITLE OF CONTRACTING OFFICER *(Type or print)*	
FOT Scott Baker, Manager Contracts and Special Initiatives Division		William W. Wistrom Contracting Officer	
15B. CONTRACTOR/OFFEROR BY *(Signature of person authorized to sign)*	15C. DATE SIGNED 05/22/06	16B. UNITED STATES OF AMERICA BY *(Signature of Contracting Officer)*	16C. DATE SIGNED 5/23/06

NSN 7540-01-152-8070
Previous edition unusable

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA FAR (48 CFR 53.243)

PART III—LIST OF DOCUMENT, EXHIBITS AND OTHER ATTACHMENTS

SECTION J
LIST OF ATTACHMENTS

ATTACHMENT I

BILATERAL AND MULTILATERAL AGREEMENTS
(See Contract clause I.80 DEAR 970.5227-12, paragraph (b)(6))

US DOE - Office of International Science and Technology Cooperation
All In Force Bilateral Agreements

Country	ID	Start Date	End Date	Agreement Type	Title	Description	Subject	Foreign Party
Argentina	64	5/29/1996	5/29/2006	Primary DOE	Implementing Arrangement between the Department of Energy of the United States of America and the National Atomic Energy Commission of the Argentine Republic for Technical Exchange and Cooperation in the Area of Radioactive and Mixed Waste Management	Radioactive and Mixed Waste Management	Environmental Restoration and Waste Management	National Atomic Energy Commission
Australia	667	11/10/2003	11/10/2008	Primary DOE	Memorandum of Understanding between the Department of Energy of the United States of America and the Department of Industry, Tourism and Resources of the Commonwealth of Australia on Cooperation in the Energy Sector	Cooperation in the Energy Sector		Department of Industry, Tourism and Resources of the Commonwealth of Austrailia
Australia	509	9/15/1998	9/14/2008	Primary DOE	Arrangement between the United States Department of Energy and the Australian Safeguards and Nonproliferation Office Concerning Research and Development in Nuclear material Control Accountancy, Verification, Physical Protection, Advance Containment and Surveillance Technologies for International Safeguards	Safeguards Arrangement	Arms Control and Nonproliferation	Australian Safeguards and Nonproliferation Office
Brazil	655	6/20/2003	6/20/2008	Primary DOE	Agreement between the Department of Energy of the United States of America nd the Ministry of Science and Technology of the Federative Republic of Brazil Concerning Cooperation in Nuclear Energy	Cooperation in Nuclear Energy	Science and Technology	Ministry of Science and Technology of the Federative Republic of Brazil
Brazil	651	9/17/2001	9/17/2006	Secondary DOE	Agreement to Extend the Agreement between the Department of Energy of the United States and the National Nuclear Energy Commission of Brazil Concerning Research and Development in Nuclear Material Control, Accountancy, Verification, Physical Protection, and Advanced Containment and Surveillance Technologies for International Safeguards	Extension - Agreement bet. DOE and the National Nuclear Energy Commission	Arms Control and Nonproliferation	National Nuclear Energy Commission of Brazil
Canada	81	3/18/1998	3/18/2008	Primary DOE	Memorandum of Understanding between the Department of Energy of the United States of America and the Department of Natural Resources of Canada on Collaboration in Energy Research and Development	Energy R&D	Energy Research and Development	Department of Natural Resources
Canada	702	4/28/2005	9/28/2009	Amendment	Amendment to Project Annex I - Weyburn CO2 Sequestration Project Under the Implementing Agreement Between The Department of Energy of the United States of America and The Department of Natural Resources Canada for Cooperation in the Area of Fossil Fuels		Fossil Energy	Department of Natural Resources
Canada	656	6/17/2003	6/17/2008	Primary DOE	Implementing Arrangement between the United States Department of Energy and the Department of Natural Resources of Canada and Atomic Energy of Canada Limited for Collaboration in the area of Nuclear Energy Research	Nuclear Energy Research	Nuclear Energy	Department of Natural Resources
Canada	646	9/11/2002	9/11/2007	Tertiary DOE	Project Annex I - Weyburn CO2 Sequestration Project under the Implementing Arrangement Between the Department of Energy of the United States of America and the Department of Natural Resources Canada for Cooperation in the Area of	Project Annex I - Weyburn CO2 Sequestration Project	Fossil Energy	Department of Natural Resources
Canada	614	10/22/2001	10/22/2006	Primary DOE	Implementing Arrangement between the Department of Energy of the United States of America and the Department of Natural Resrouces Canada for Cooperation in the areas of Microgeneration and Community Energy Systems	Arrangement between DOE and Dept. of Natural Resources Canada	Energy Efficiency and Renewable Energy	Department of Natural Resources

Country	ID	Start Date	End Date	Agreement Type	Title	Description	Subject	Foreign Party
China	621	2/12/2002	2/12/2007	Secondary DOE	Agreement to Extend Annex II to the Protocol for Cooperation in the Fields of Energy Efficiency and Renewable Energy Technology Development and Utilization for Cooperative Activities in Wind Development in China between the Department of Energy of the United States of America and the State Power Corporation of China	Annex II - The State Power Corporation of China	Energy Efficiency and Renewable Energy	State Power Corporation of China
China	674	1/12/2004	1/12/2009	Primary DOE	Statement of Intent Between the Departmentof Energy of the United States of America and the China Atomic Energy Authority of the Peoples's Republic of China Concerning Cooperation in the Field of Peaceful Use of Nuclear Energy and Nuclear Non-Proliferation and Counter-Terrorism	Statement of Intent between DOE and China	Science and Technology	China Atomic Energy Authority of the People's Republic of China
China	622	2/12/2002	2/12/2007	Secondary DOE	Agreement to Extend and Amend Annex III to the Protocol for Cooperation in the Fields of Energy Efficiency and Renewable Energy Technology Development and Utilization for Cooperative Activities in Energy Efficiency between The Department of Energy of the United States of America and the State Planning Commission of the People's Republic of	Annex III - State Planning Commission	Energy Efficiency and Renewable Energy	State Science and Technology Commission
China	623	2/12/2002	2/12/2007	Secondary DOE	Agreement to Extend and Amend Annex IV to the Protocol for Cooperation in the Fields of Energy Efficiency and Renewable Energy Technology Development and Utilization for Cooperative Activities in Renewable Energy Business Development between the Department of Energy of the United States of America and the State Economic and Trade Commission of the People's Republic of China	Annex IV - State Economic and Trade Commission	Energy Efficiency and Renewable Energy	State Economic and Trade Commission
China	672	1/12/2004	1/12/2010	Primary DOE	Protocol for Cooperation in Clean Energy Technologies for the 2008 Summer Olympic Games in Beijing	Protocol Agreement - Summer Olympic Games in Beijing	Energy Efficiency and Renewable Energy	Ministry of Science and Technology
China	684	5/23/2004	5/23/2009	Primary DOE	Memorandum of Understanding between the Department of Energy of the United States of America and the National Development and Reform Commission of the People's Republic of China on Bilateral Energy Policy Dialogue	MOU bet. DOE and Republic of China on Bilateral Energy	*Other	The National Development and Reform Commission of the People's Republic of China
China	699	4/20/2005	4/20/2010	Extension	Agreement to Extend the Protocol for Cooperation in the Field of Fossil Energy Technology Development and Utilization between the Department of Energy of the United States of America and the Ministry of Science and Technology of the People's Republic of China	Extension for agreement bet. DOE and MOST		Ministry of Science and Technology
China	649	11/19/2002	11/19/2007	Secondary DOE	Annex II to the Protocol on Cooperation in the Field of Fossil Energy Technology Development and Utilization between The Department of Energy of the United States of America and The Ministry of Science and Technology of the People's Republic of China for Cooperation in the Area of Clean Fuels	Annex II - Cooperation in the area of Clean Fuels	Fossil Energy	State Development Planning Commission of the People's Republic of China
China	666	10/29/2003	10/29/2008	Primary DOE	The Department of Energy of the United States of America and the Ministry of Science and Technology of the People's Republic of China for Cooperation in the Field of Energy Efficiency and Renewable Energy Technology Development and Utilization - Annex V Development of Electric-Drive and Fuel Cell Vehicle Technologies	Annex V - Development of Electric-Drive and Fuel Cell Vehicle Technologies		Ministry of Science and Technology

Country	ID	Start Date	End Date	Agreement Type	Title	Description	Subject	Foreign Party
Equatorial Guinea	691	8/6/2004	8/6/2009	Primary DOE	Memorandum of Understanding between the Department of Energy of the United States of America and the Ministry of Mines, Industry and Energy of the Republic of Equatorial Guinea for Cooperation on Energy Policy, Science and Technology, and Energy Technology Demonstration	MOU bet. DOE and Equatorial Guinea	Science and Technology	Ministry of Mines, Industry and Energy of the Republic of Equatorial Guinea
European Atomic Energy Community (EURATOM)	661	4/6/2003	4/6/2008	Primary DOE	Agreement for Cooperation between the European Atomic Energy Community represented by the Commission of the European Communities and the Department of Energy of the United States of America in the Field of Fusion Energy Research and Development	Fusion Energy Research and Development	Energy Research and Development	European Atomic Energy Community
European Atomic Energy Community (EURATOM)	612	5/14/2001	5/14/2006	Primary DOE	Agreement for Cooperation between the European Atomic Energy Community Represented by the Commission of the European Communities and the Department of Energy of the United States of America in the Field of Fusion Energy Research and Development	Fusion Agreement between EURATOM and DOE	Fusion Energy	European Atomic Energy Community
European Atomic Energy Community (EURATOM)	664	3/6/2003	3/6/2008	Primary DOE	Technical Exchange and Cooperation Arrangement between the Department of Energy of the United States of America and the European Atomic Energy Community as Represented by the Commission of the European Communities in the Field of Nuclear-Related Technology Research and Development	Techncial Exchange and Cooperation Arrangement		European Atomic Energy Community
European Union	648	5/14/2001	5/14/2006	Primary DOE	Implementing Agreement between the Department of Energy of the United States of America and the European Commission for Non-Nuclear Energy Scientific and Technological Co-operation	Non-Nuclear Energy S&T Agreement	Science and Technology	European Commission
European Union	660	6/17/2003	6/17/2008	Amendment	Amendment to the Implementing Agreement between the Department of Energy of the United States of America and the European Commission, for Non-nuclear Energy Scientific and Technological Cooperation relating to Cooperation in the Area of Fuel Cells	Amendment relating to Cooperation in the area of Fuel Cells		European Commission
Finland	689	11/24/2003	11/24/2008	Primary DOE	Memorandum of Understanding between the Department of Energy of the United States of America and Posiva Oy Concerning a Cooperative Program in the field of Radioactive Waste Management	MOU between DOE and Posiva Oy	Civilian Radioactive Waste Management	Posiva Oy
France	635	7/9/2001	7/9/2006	Secondary DOE	Implementing Arrangement No. 1 under the Agreement between the Department of Energy of the United States of America and Commissariat A L'Energie Atomique of France for Cooperation in Advanced Nuclear Reactor Science and Technology	Advanced Nuclear Reactor Science and Technology (I-NERI)	Nuclear Energy	Commissariat a l'Energie Atomique (CEA)
France	698	4/4/2005	4/4/2009	Primary DOE	Agreement between the Department of Energy of the United States of America and the Centre National de la Recherche Scientifique of France for Cooperation in Basic Scientific Research and Development	Agreement bet. DOE and France		The Centre National de la Recherche Scientifique of France
France	650	5/23/2002	5/23/2007	Primary DOE	Agreement between the Department of Energy of the United States of America and the Commissariat A L'Energie Atomique of France in the field of Radioactive Waste	Radioactive Waste Management Agreement	Civilian Radioactive Waste	Commissariat a l'Energie Atomique (CEA)
France	631	3/13/2002	3/13/2007	Primary DOE	Agreement between the Department of Energy of the United States of America and the Commissariat A' L'Energie Atomique of France Concerning Cooperation in Fundamental Science Supporting Stockpile Stewardship	Fundamental Science on Stockpile Stewardship	Fundamental Science	Commissariat a l'Energie Atomique (CEA)

Country	ID	Start Date	End Date	Agreement Type	Title	Description	Subject	Foreign Party
France	630	3/13/2002	3/12/2007	Primary DOE	Agreement between the Department of Energy of the United States of America and the Commissariat A' L'Energie Atomique of France Concerning Cooperation in Computer Sciences	Computer Sciences	Computer Sciences	Commissariat a l'Energie Atomique (CEA)
France	629	1/2/2002	1/2/2007	Statement of Intent	Statement of Intent Between the Department of Energy of the United States of America and the Commissariat A' L'Energie Atomique of France Concerning Exchange of Information on Research in Life Sciences	SOI between DOE and France	Exchange of Information on Research in Life Sciences	Commissariat a l'Energie Atomique (CEA)
France	692	8/24/2004	8/24/2010	Primary DOE	Implementing Arrangement Concerning Irradiation of Eight Pins in the Phenix Reactor under the Agreement between the Department of Energy of the United States of America and The Commissariat a' l'Energie Atomique of France for Cooperation in Advanced Nuclear Reactor Science and	DOE/CEA FUTURIX Agreement	Nuclear Energy	Commissariat a l'Energie Atomique (CEA)
Germany	681	11/1/2002	11/1/2007	Primary DOE	Memorandum of Understanding between the Deutsches Elektronen-Synchrotron DESY and the Stanford Linear Accelerator Center (SLAC) Establishing a Collaborative Research Effort to Enable the Exploitation and Expansion of the Scientific Capabilities of the Linac Coherent Light Source and the TESLA X-Ray Free-electron Laser	MOU bet. DESY AND SLAC		DESY and Stanford Linear Accelerator Center (SLAC)
Germany	613	7/24/2001	7/24/2006	Primary DOE	Implementing Agreement between the Federal Ministry of Education and Research of the Federal Republic of Germany and the Department of Energy of the United States of America on Collaboration in the Field of Dense Plasma	Agreement between DOE and Germany on Dense Plasma Physics	Science and Technology	Ministry of Education and Research of the Federal Republic of Germany
India	663	9/12/2003	9/12/2008	Primary DOE	Memorandum of Understanding between the Ministry of Coal of the Republic of India and the Department of Energy of the United States of America Concerning Energy Consultations and Information Exchange.	India - Energy Consultations and Information Exchange	Fossil Energy	The Ministry of Coal of the Republic of India
Indonesia	694	11/9/2004	11/9/2009	Primary DOE	Arrangement between the Department of Energy of the United States of America and the Nuclear Regulatory Agency of the Republic of Indonesia for Cooperation in Nuclear Material Security and Safeguards Technologies	Nuclear Material Security and Safeguards Technologies		The Nuclear Regulatory Agency of the Republic of Indonesia
Iraq	695	12/20/2004	12/20/2009	Primary DOE	Memorandum of Understanding between the Department of Energy of the United States of America and Ministry of Oil of the Republic of Iraq for Cooperation on Energy Analysis, Science and Technology, and Energy Technology	MOU bet. DOE and Republic of Iraq	Science and Technology	The Ministry of Oil the Republic of Iraq
Israel	617	10/23/2001	10/23/2006	Primary DOE	Implementation Agreement 3 between the Department of Energy of the United States of America and the Ministry of National Infrastructure of the State of Israel for Cooperation in the Field of High Temperature Superconductivity	Cooperation in the Field of High Temperature Superconductivity	Energy Efficiency and Renewable Energy	Ministry of Energy and Infrastructure
Italy	346	3/24/1998	3/24/2008	Secondary DOE	Annex V to the Agreement between the Department of Energy of the United States of America and the Ministry of Industry, Commerce and Handicraft of the Republic of Italy in the Field of Energy Research and Development for Cooperation in the Field of Biomas Energy	Annex 5 - Biomass Energy	Energy Efficiency and Renewable Energy	Ministry of Industry, Commerce and Handicraft of the Republic of Italy (MICA)
Italy	347	3/24/1998	3/24/2008	Secondary DOE	Annex VI to the Agreement between the Department of Energy of the United States of America and the Ministry of Industry, Commerce and Handicraft of the Republic of Italy in the Field of Energy Research and Development for Cooperation in the Field of Photovoltaic Technology	Annex 6 - Photovoltaic Technology	Energy Efficiency and Renewable Energy	Ministry of Industry, Commerce and Handicraft of the Republic of Italy (MICA)
Italy	703	5/17/2005	5/17/2010	Secondary DOE	Annex VIII to the Agreement between the Department of Energy of the United States of America and the Ministry of Environment of the Republic of Italy in the Field of Energy	Annex VIII		Ministry of Environment of the Republic of Italy

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Country	ID	Start Date	End Date	Agreement Type	Title	Description	Subject	Foreign Party
Japan	602	1/17/2001	7/19/2007	Secondary DOE	Amendment 4 of Annex I to the DOE - Monbusho Exchange of Letters on Cooperation in Fusion Research and Development	Amedment 4 - Annex 1 Fusion Research and Development	Fusion Energy	The Ministry of Education, Science and Culture of Japan (Monbusho)
Japan	653	3/19/2003	3/19/2008	Primary DOE	Agreement between the Department of Energy of the United States of America and the Japan Nuclear Cycle Development Institute in the Field of Radioactive Waste Management	Radioactive Waste Management	Civilian Radioactive Waste	Japan Nuclear Cycle Development Institute
Japan	669	1/8/2004	1/8/2008	Statement of Intent	Joint Statement of Intent between the Ministry of Economy, Trade and Industry of Japan and the Department of Energy of the United States of America concerning Scientific and Technological Cooperation in the Area of Hydrogen and Fuel Cells	Joint SOI bet. DOE and the Ministry of Economy, Trade and Industry of Japan	Science and Technology	Ministry of Economy Trade and Industry of Japan
Japan	682	3/29/2004	3/29/2009	Secondary DOE	Amendment IV to the Annex I to the Implementing Arrangement between the United States Department of Energy and the Japan Atomic Energy Research Institute on Cooperation in Fusion Research and Development U.S./Japan Collaborative Testing of First Wall and Blanket Structural Materials with Mixed Spectrum Fission Reactors	Amendment IV of Annex I		Japan Atomic Energy Research Institute
Japan	687	6/10/2004	6/10/2009	Secondary DOE	Annex 1 to the Implementing Arrangement between the Department of Energy of the United States of America and the Agency of Natural Resources and Energy of Japan Concerning Cooperation in the Joint Nuclear Energy Research Initiative On advanced Nuclear Technologies	Annex - 1 bet. DOE and ANRE of Japan	Nuclear Energy	Agency of Natural Resources and Energy (ANRE)
Japan	693	8/20/2004	8/20/2009	Primary DOE	Amendment VI to the Agreement between the Japan Atomic Energy Research Institute and the United States Department of Energy on Cooperation in Doublet III Project		Science and Technology	Japan Atomic Energy Research Institute
Japan	700	1/19/2005	1/19/2010	Primary DOE	Implementing Arrangement between the Department of Energy of the United States of America and the Ministry of Education, Culture, Sports, Science and Technology of Japan concerning Cooperation in the Field of Research and Development of Innovative Nuclear	Implementing Arrangement bet. DOE and (MEXT)of Japan	Nuclear Energy	Ministry of Education, Culture, Sports, Science and Technology of Japan
Japan	704	7/6/2004	7/6/2009	Extension	Extension of Specific Memorandum of Agreement Between the Department of Energy of the United States of America and Japan Atomic Energy Research Institute on Decontamination and Decommissioning of Nuclear Facilities	Extension - MOA bet. DOE and JAERI	Environmental Management	Japan Atomic Energy Research Institute
Japan	481	6/9/1997	6/9/2007	Secondary DOE	Specific Memorandum of Agreement Between the Japan Atomic Energy Research Institute and the Department of Energy of the United States of America Concerning Research and Development in Nuclear Material Control, Accountancy, Verification and Physical Protection	SMA - Safeguards	Arms Control and Nonproliferation	Japan Atomic Energy Research Institute
Korea, Republic of	626	6/14/2001	6/14/2006	Secondary DOE	Agreement to Extend the Implementing Arrangement between the Department of Energy of the United States of America and the Ministry of Science and Technology of the Republic of Korea for Cooperation in the Area of Fusion Energy Research and Related Fields	Extension on the Implementing Arrangement between DOE and Korea	Fusion Energy	Ministry of Science and Technology
Korea, Republic of	639	9/17/2002	9/17/2007	Primary DOE	Arrangement between the Department of Energy of the United States of America and the Ministry of Science and Technology of the Republic of Korea Concerning Research and Development in Nuclear Material Control, Accountancy, Verification, Physical Protection, and Advanced Containment and Surveillance Technologies for International Safeguards Applications	Safeguards Agreement	Science and Technology	Ministry of Science and Technology

US DOE - Office of International Science and Technology Cooperation
All In Force Bilateral Agreements

Country	ID	Start Date	End Date	Agreement Type	Title	Description	Subject	Foreign Party
Korea, Republic of	644	6/14/2001	6/14/2006	Secondary DOE	Agreement to Extend and Amend the Memorandum of Understanding between the Department of Energy of the United States of America and the Ministry of Science and Technology of the Republic of Korea for a Cooperative Laboratory Relationship	Extend and Amend MOU bet. DOE and MOST	Science and Technology	Ministry of Science and Technology
Korea, Republic of	665	9/15/2003	9/15/2008	Secondary DOE	Annex VI to the Memorandum of Understanding between the Department of Energy of the United States of America and the Ministry of Science and Technology of the Republic of Korea for a Cooperative Laboratory Relationship On a Collaborative Project Supporting Research and Development in the Field of Innovative Fuel Cycles	Annex VI - Innovative Fuel Cycles	Science and Technology	Ministry of Science and Technology
Korea, Republic of	608	5/16/2001	5/16/2006	Secondary DOE	Annex V to the Memorandum of Understanding between the Department of Energy of the United States of America and the Ministry of Science and Technology of the Republic of Korea for a Cooperative Laboratory Relationship on a Collaboration Project Supporting the International Nuclear Energy Research Initiative (INERI)	Annex V - MOU between DOE and Ministry of Science and Technology of the Republic of Korea on I-NERI	Nuclear Energy	Ministry of Science and Technology
Mexico	610	5/7/2001	5/7/2006	Secondary DOE	Extension of the Agreement for Energy Cooperation between the Deparment of Energy of the United States of America and the Secretariat of Energy of the United Mexican States, and its Four Annexes		Science and Technology	Mexico Secretary of Energy
Morocco	647	6/3/2002	6/3/2007	Secondary DOE	Project Annex 2 to the Agreement between the Department of Energy of the United States of America and the Ministry of Industry, Commerce, Energy and Mines of the Kingdom of Morocco Concerning Cooperation in Clean Energy Technologies	Project Annex 2 - Clean Energy Technologies	Energy Efficiency and Renewable Energy	The Ministry of Industry, Commerce, Energy and Mines of the Kingdom of Morocco
Norway	683	5/23/2004	5/23/2009	Primary DOE	Memorandum of Understanding between the Department of Energy of the United States of America and the Royal Ministry of Petroleum and Energy of the Kingdom of Norway on Collaboration in the Field of Energy Research, Development and Demonstration	MOU bet. DOE and Ministry of Petroleum and Energy	*Other	Ministry of Petroleum and Energy
Peru	645	8/14/2001	8/14/2006	Primary DOE	Memorandum of Understanding between the Department of Energy of the United States of America and the Ministry of Energy and Mines of the Republic of Peru on Cooperation in the Field of Energy	MOU - Cooperation in the Field of Energy	Science and Technology	Ministry of Energy and Mines of the Republic of Peru
Philippines	671	1/13/2004	1/13/2009	Primary DOE	Memorandum of Understanding among the Philippine Department of Energy, the United States Department of Energy, and the United States Agency for International Development for the Sustainable Energy Development Program	MOU among PDOE, DOE and USAID		Philippine Department of Energy (PDOE)
Russian Federation	675	3/17/2004	3/17/2007	Primary DOE	Appendix L Under Implementing Arrangement #1 of the Memorandum of Understanding Between the U.S. Department of Energy and Russian Academy of Sciences on Coopeation in Science and Technology	Appendix L	Science and Technology	The Russian Academy of Sciences
Russian Federation	668	12/2/2003	12/2/2008	Extension	Agreement between the Department of Energy of the United States of America and the Russian Academy of Sciences to Extend the "Memorandum of Understanding between the Department of Energy of the United States of America and the Russian Academy of Sciences	Extension of the MOU bet. DOE and RAS signed March 24, 1999	Science and Technology	Russian Academy of Sciences

US DOE - Office of International Science and Technology Cooperation
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Country	ID	Start Date	End Date	Agreement Type	Title	Description	Subject	Foreign Party
Russian Federation	659	7/16/2001	7/16/2006	Secondary DOE	Annex VI to the Memorandum of Agreement between the Department of the United States of America and the International Science and Technology Center in the Russian Federation Concerning Implementation of Projects of the Office of Civilian Radioactive Waste	Annex VI	Civilian Radioactive Waste Management	International Science and Technology Center in the Russian Federation
South Africa	20	12/4/1997	12/4/2022	Inter- governmental	Agreement for Cooperation between the United States of America and the Republic of South Africa Concerning Peaceful Uses of Nuclear Energy	Peaceful Uses of Nuclear Energy	Nuclear Energy	Republic of South Africa
Spain	596	7/15/2000	7/15/2006	Primary DOE	Memorandum of Understanding Between The Ministry of Science and Technology of the Kingdom of Spain and The Department of Energy of the United States of America Concerning Cooperation in Energy	MOU for Energy Cooperation	Energy Research and Development	Ministry of Science and Technology
Spain	307	9/15/1997	9/15/2007	Secondary DOE	Project Annex 1 - cooperation on research in radiological evaluations	Annex 1	Environmental Safety Health	Ministry of Industry and Energy of the Kingdom of Spain
Spain	100	9/15/1997	9/15/2007	Primary DOE	Implementing Arrangement between the Department of Energy of the United States of America and the Ministry of Industry and Energy of the Kingdom of Spain on Cooperation in Research on Radiological Evaluations	Research on Radiological Evaluations	Environmental Safety Health	Ministry of Industry and Energy of the Kingdom of Spain
Sweden	685	5/24/2004	5/24/2009	Primary DOE	Memorandum of Understanding between the Department of Energy of the United States of America and the Swedish Nuclear Fuel and Waste Management Company Concerning a Cooperative Program in the Field of Radioactive Waste Management	MOU bet. DOE and the Swedish - Radioactive Waste Material	Civilian Radioactive Waste Management	Swedish Nuclear Fuel and Waste Management Company
Turkey	624	3/20/2002	3/20/2007	Primary DOE	Implementing Arrangement between the Department of Energy of the United States of America and the Ministry of Energy and Natural Resources of the Republic of Turkey for Cooperation in Energy Technology	Cooperation in Energy Technology	Science and Technology	Ministry of Energy and Natural Resources
Ukraine	510	5/6/1998	5/4/2028	Intergovernmental	Agreement for Cooperation between the United States of America and Ukraine Concerning Peaceful Uses of Nuclear Energy	US-Ukraine PNC	Nuclear Energy	Government of Ukraine
United Kingdom	638	7/3/2002	7/3/2007	Primary DOE	Agreement between the Government of the United States of America and the Government of the United Kingdom of Great Britain and Northern Ireland for Cooperation in Research and Development of Weapons Detection and Protection-Related Technologies	Gov't to Gov't agreement between US and Great Britain	Science and Technology	Department of Energy of the United Kingdom of Great Britain and Northern Ireland
United Kingdom	611	9/17/2001	9/17/2006	Primary DOE	Memorandum of Understanding between the Department of Energy of the United States of America and the Department of Trade and Industry of the United Kingdom of Great Britain and Northern Ireland Concerning the Development and Implementation of Nuclear Verification Technologies	MOU between DOE and the Department of Trade and Industry of the United Kingdom	Nuclear Verification Technologies	Department of Energy of the United Kingdom of Great Britain and Northern Ireland
United Kingdom	598	11/6/2000	11/6/2010	Primary DOE	Memorandum of Understanding Between The Department of Energy of the United States of America and The Department of Trade and Industry of the United Kingdom of Great Britain and Northern Ireland on Collaboration in Energy Research and Development	MOU on Energy Research and Development	Energy Research and Development	Department of Energy of the United Kingdom of Great Britain and Northern Ireland
United Kingdom	637	7/25/2002	7/25/2007	Primary DOE	Implementing Arrangement between the Department of Energy of the United States of America and the Secretary of State for Defence of the United Kingdom of Great Britain and Northern Ireland for Cooperation in Research and Development of Chemical and Biological Weapons Detection and Protection-Related Technologies	Implementing Agreement between DOE and Great Britain	Science and Technology	Department of Energy of the United Kingdom of Great Britain and Northern Ireland

Country	ID	Start Date	End Date	Agreement Type	Title	Description	Subject	Foreign Party
United Kingdom	652	3/10/2003	3/10/2008	Primary DOE	Implementing Arrangement between the Department of Energy of the United States of America and the Department of Trade and Industry of the United Kingdom of Great Britain and Northern Ireland to Cooperate in the Field of Fossil Energy Technology	Cooperation in the Field of Fossil Energy Technology	Fossil Energy	Secretary of State for Trade and Industry
United Kingdom	673	3/10/2004	3/10/2009	Primary DOE	Implementing Arrangement between the Department of Energy of the United States of America and the United Kingdom Atomic Energy Authority for Exchange of Nuclear Reactor Technology Information Under the Memorandum of Understanding on Energy R&D between the Department of Energy of the United States of America and the Department of the United States of America and the Department of Trade and Industry of the United Kingdom of Great Britain and	AEA Technology plc	Environmental Management	Atomic Energy Authority of the United Kingdom of Great Britain and Northern Ireland
Venezuela	633	8/9/2001	8/9/2006	Secondary DOE	Project Annex No. XVIII to the Agreement for Energy Cooperation between the Department of Energy of the United States of America and the Ministry of Energy and Mines of the Bolivarian Republic of Venezuela in the area of Natural Gas Technologies	Project Annex No. XVIII Natural Gas Technologies	Fossil Energy	Ministry of Energy and Mines

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ID/File#	Title	Start Date	End Date	Status	Subject	Brief Description
10003	Implementing Agreement for the Establishment of a Project on Energy Conservation in Buildings and Community Systems	3/16/1977	6/30/2012	In Force	Energy Efficiency and Renewable Energy	IEA - Buildings and Community Systems
10041	International Co-operation Agreement between the European Organization for Nuclear Research (CERN) and the Department of Energy of the United States of America and the National Science Foundation of the United States of America Concerning Scientific and Technical Co-operation on large Hadron Collider Activities	12/8/1997	12/8/2017	In Force	Science and Technology	CERN - LHC Agreement
10042	Charter for the Carbon Sequestration Leadership Forum (CSLF) a Carbon Capture and Storage Technology Initiative	6/25/2003	6/25/2013	In Force	*Other	Carbon Sequestration Leadership Forum (CSLF)