

U.S. Department of Commerce
Civil Nuclear Trade Advisory Committee (CINTAC) Meeting
Sixth Charter, 2018-2020
Wednesday, August 14, 2019, 9:00am - 4:00pm EDT

MINUTES

9:00 – 9:05 Welcome and Introductions

*Jonathan Chesebro & Devin Horne, Designated Federal Officers of the CINTAC,
U.S. Department of Commerce*

9:05 – 9:15 Agenda Overview, Goals, and Desired Outcomes

Chris Colbert, CINTAC Chair, and Jeff Harper, CINTAC Vice Chair

9:15 – 10:00 TeamUSA Updates

Interagency updates on current priorities including regional initiatives, IAEA General Conference, IFNEC, financing, etc.

- State Department:
 - Nuclear Cooperation Memoranda of Understanding (NCMOUs) are in discussion. Industry should communicate market opportunities for NCMOUs.
- Department of Energy (DOE), Office of Nuclear Energy:
 - New Assistant Secretary for Office of Nuclear Energy Dr. Rita Baranwal.
 - Noted DOE's work to organize International Framework for Nuclear Energy (IFNEC) Ministerial Conference (November 12-14, 2019 in Washington, DC), that Assistant Secretary Baranwal is planning to attend the U.S. Nuclear Infrastructure Council (USNIC) Industry Energy Delegation to the Africa Nuclear Business Platform (October 15-16, 2019 in Nairobi, Kenya), and highlighted other upcoming opportunities for U.S. industry.
 - Gave update on DOE's Millennial Nuclear Caucus events.
- National Nuclear Security Administration (NNSA):
 - Provided overview and update on DOE's Part 810 regulations.
 - Discussion of Federal Register notice adding China General Nuclear Power Group to entity list (published August 14, 2019).
- Department of Energy, Office of International Affairs:
 - Provided update on efforts to unbundle U.S. government financing.
- Department of Commerce:
 - Provided overview ITA's International Atomic Energy Agency (IAEA) U.S. Industry Program (September 15-18, 2019 in Vienna, Austria) and noted that event is at capacity.
 - Provided update on 2019 Civil Nuclear Top Markets Report.

10:00 – 11:00 Finance Panel 1

Panelist presentations followed by Q&A with CINTAC members

- U.S. Trade and Development Agency (USTDA) - Paul Marin:
 - Provided overview of USTDA programs, grant funding process, and reverse trade missions. Noted how industry can collaborate with USTDA.
- U.S. Agency for International Development, Power Africa - Raul Flores:
 - Provided overview of Power Africa program, noted how Power Africa decides on priority for projects, and noted its efforts to engage with African stakeholders.
- U.S. Agency for International Development, Development Credit Authority - Andrew Gisselquist:
 - Provided overview of USAID loans and financing structures, discussed the new U.S. Development Finance Corporation (USDFC) and civil nuclear policy.
 - Discussion on how establishment of USDFC may change specific policies and process of working with the agency.

11:00 – 11:15 Break

11:15 – 12:15 Finance Panel 2

Panelist presentations followed by Q&A with CINTAC members

- Export-Import Bank of the United States (EXIM) - Ashok Pasricha:
 - Gave overview of EXIM financing capabilities, programs, and challenges, and clarified EXIM's U.S. export content requirements.
- U.S. Department of Energy, Loan Program Office (LPO):
 - Gave overview of LPO purpose, criteria for funding projects, its phase-approach to project approval, and clarified LPO project guidelines.
- U.S. Department of Energy, Office of International Affairs:
 - Gave overview of the current state of the U.S. civil nuclear industry abroad and global competition.
- Murphy Energy & Infrastructure Consulting, LLC (Paul Murphy)
 - Gave overview of trends in global NPP export markets and challenges the U.S. industry faces.
 - Noted considerations on how industry and U.S. government can effectively cooperate to compete with state-owned entities.

12:15 – 1:15 Working Lunch: Subcommittee breakout sessions

In line with subcommittee charters, subcommittees identify priorities, refine recommendations, and identify next steps

1:15 – 1:45 Subcommittee Report Out

Subcommittees reconvene and report out on desired next steps

- Market & Finance – David Blee, Chair
 - Issue brief on EXIM Reauthorization will be completed later, call to be scheduled for further discussion.
 - Issue brief of USDFC is completed based on information currently available.
 - 5 Year Strategy for U.S. Government on Civil Nuclear will be presented at next CINTAC meeting.
- International Engagements – Ralph Hunter, Chair
 - Commitment to engaging with TeamUSA, the Advocacy Center, and DOE’s Office of International Affairs has been finalized.
 - Recommendations created for U.S. target markets for trade missions.
 - Organizing trade mission to Romania in progress.
 - Possibility of trade mission to Africa raised.
- Infrastructure – Larry Sanders, Chair
 - Three action items will be narrowed down when Subcommittee Chairman returns to CINTAC meetings.
- Regulation & Policy – Chuck Goodnight, Chair
 - Discussion in progress about creating Risk-Based Framework for Export Authorizations.
 - Discussion in progress on TeamUSA regulatory education toolkit.
- Communications Matrix – Seth Grae
 - Finalized Message Platform distributed.
 - Op-Ed and Policy Brief to be prioritized at a later CINTAC meeting.

1:45 – 2:15 Conversation with White House

Landon Derentz, Director for Energy, National Security Council

Mike Goff, Senior Advisor, Office of Science and Technology Policy, Executive Office of the President

- Provided overview of opportunities for industry input into the President’s U.S. Nuclear Fuel Working Group and noted the Administration’s priority to reinvigorate the U.S. civil nuclear industry via exports.
- Noted that Idaho National Lab announced today the establishment of the National Reactor Innovation Center.
- Discussion of Administration priorities for nuclear energy.

2:15 – 2:30 Prep for Discussion with Commerce Leadership

2:30 – 3:00 **Update from Commerce Leadership**

Jim Sullivan, Deputy Assistant Secretary for Services performing the non-exclusive functions and duties of the Assistant Secretary for Industry & Analysis

- Mr. Sullivan highlighted ITA activities to support the U.S. civil nuclear industry, and highlighted ITA's upcoming IAEA U.S. Industry Program trade mission.
- Group discussion on Overseas Private Investment Corporation and U.S. Development Finance Corporation policy regarding support for civil nuclear energy.
- Discussion of IAEA U.S. Industry Program procedures, including ways to make foreign delegation meetings with U.S. industry more effective.
- Industry noted the importance of the African market and the need for the USG to highlight this during the IAEA U.S. Industry Program.

3:00 – 3:30 **Review Recommendations**

Full committee reviews and approves draft recommendations

- Committee reviewed potential future recommendations, DFOs provided overview of how to respond to Civil Nuclear Review and the process for raising issues with the Department of Commerce.

3:30 – 4:00 **Public Comment & Adjourn**

- Comment on the value of the Nuclear Regulatory Commission in supporting human resources development.
- Comment on the civil nuclear environment and civil nuclear priorities.

Meeting Attendees

CINTAC Members

- Art Wharton – Vice President, Market Development, Studsvik Scandpower Inc.
- Beverly Marshall – Vice President, Governmental Affairs, Nuclear Energy Institute
- Brandon Brooks – Strategic Development Manager, General Atomics
- Charles Goodnight – President, Goodnight Consulting
- Christopher Colbert – Chief Strategy Officer, NuScale Power
- Colin Austin – Senior Vice President of International Business, EnergySolutions
- Colleen Deegan – Vice President, Bechtel Corporation
- David Blee – President & CEO, United States Nuclear Industry Council
- David Sledzik – Senior Vice President, Sales & Commercial Operations, Nuclear Plant Projects, GE Hitachi Nuclear Energy
- Donald Hoffman – President & CEO, EXCEL Services Corporation
- Gary Wolski – Vice President, Nuclear Division, Curtiss-Wright
- Glenn Neises – Nuclear Director, Burns & McDonnell
- Graham Cable – Vice President, Global Growth & Strategy, Westinghouse Electric Company
- H.M Hashemian – President, Analysis and Measurement Services Corporation
- Jarret Adams – CEO, Full On Communications
- Jay Brister – Vice President, Business Development, AECOM
- Jeffrey Harper – Vice President, Strategy and Business Development, X Energy, LLC
- John Bendo – Business Development Manager, Power & Energy, ASME
- Joseph Miller – Director, Advanced Technology Programs, BWX Technologies, Inc.
- Juan Subiry – Vice President, Market and Product Strategy, NAC International
- Kenneth L. Peddicord – Director, Nuclear Power Institute, Texas A&M University
- Margaret Harding – Principal, 4 Factor Consulting
- Michael Whitehurst – Director, Business Development, Centrus Energy Corp.
- Mimi Limbach – Managing Partner and President, Potomac Communications Group
- Neil Numark – President, NUMARK Associates
- Pete Gaillard – Licensing Manager, Terrapower, LLC
- Ralph Hunter - Vice President, Exelon Corporation
- Robert Coward, Immediate Past President, American Nuclear Society
- Robert Kalantari – President and CEO, Engineering, Planning and Management
- Robert Sweeney, President & CEO, IBEX Engineering Services, Inc.
- Russell Neely – Chief Operating Officer, Edlow International Company
- Woody Lawman – Director of Sales, Navy and Nuclear Products, Flowserve Litorque

Members of Public

- James Fornof, Vice President, Lightbridge Corporation
- Elizabeth Smioldo, Consultant, Export Controls
- Carol Berrigan, Director, Federal Affairs, Nuclear Energy Institute
- Paul Murphy, Murphy Energy & Infrastructure Consulting

- Andrew Paterson, Principal – Energy, Environmental Business International

U.S. Government

- Department of Commerce
 - Jim Sullivan, Deputy Assistant Secretary for Services performing the non-exclusive functions and duties of the Assistant Secretary for Industry & Analysis
 - Devin Horne, Civil Nuclear Trade Specialist & CINTAC Co-Designated Federal Officer, International Trade Administration (ITA)
 - Jonathan Chesebro, Senior Nuclear Trade Specialist & CINTAC Co-Designated Federal Officer, ITA
 - Patrick Saumell, Intern, ITA, Office of Energy & Environmental Industries
- Department of Defense
 - Simon Davidson-Hood, Policy Directorate (Negotiations and Liaison), Office of the Under Secretary of Defense for Policy, Defense Technology Security Administration
- Nuclear Regulatory Commission
 - Pete Habighorst, Export Control and Nonproliferation Branch Chief
- Department of Energy
 - Michelle Scott, Senior Advisor, Office of Nuclear Energy
 - Kyle Nicholas, Office of International Affairs
 - Vince Trovato, Office of International Affairs
 - Sydney Schneir, External Affairs Program Manager, Loan Program Office
 - Markus Popa, Engineer, Loan Program Office
 - Tom Pollog, Engineer, Loan Program Office
- Department of State
 - Kirsten Cutler, Senior Science Advisor, Office of Nuclear Energy, Safety and Security, Bureau of International Security and Nonproliferation
 - Dr. Alex Burkart, Senior Level Advisor for Nuclear Energy, Bureau of International Security and Nonproliferation
- Office of Science and Technology Policy (OSTP)
 - Dr. Mike Goff, Assistant Director for Nuclear Energy and Senior Policy Advisor
- National Security Council
 - Landon Derentz, Director for Energy
- Export-Import Bank of the United States
 - Ashok Pasricha, Managing Director-Technical, Acting Deputy Vice President Engineering and Environment Division
- U.S. Agency for International Development
 - Raul Flores, Interagency Team Lead & Private Enterprise Officer, Power Africa
 - Andrew Gisselquist, Power and Infrastructure Investment Officer, USAID Development Credit Authority
- U.S. Trade and Development Agency
 - Paul Marin, Director, Public Affairs (Acting), Director, Partnership and Innovation