



U.S. Department of Commerce

Civil Nuclear Trade Advisory Committee (CINTAC) Meeting

Eighth Charter, 2022-2024

Thursday, September 14, 2023, 9:00 a.m. - 4:00 p.m. EDT

In-person and Virtual via Microsoft Teams

MEETING MINUTES

9:00 – 9:05

Welcome and Roll Call

- Jonathan Chesebro, CINTAC Designated Federal Officer (DFO), U.S. Department of Commerce (DOC), welcomed meeting participants and took roll call.

9:05 – 9:10

Review Meeting Goals

- CINTAC Chair Ralph Hunter and CINTAC Vice Chair Carol Berrigan reviewed meeting goals, including establishing subcommittees, assigning subcommittee members, and discussing CINTAC priorities for the remainder of the charter term.

9:10 – 9:30

Subcommittee Overview, assignment of chairs and members

- The subcommittee structure for the CINTAC VIII charter was presented. Subcommittee members and Chairs/Vice Chairs were assigned.
- Three subcommittees were established:
 - (1) First-of-a-Kind (FOAK) - Adam DeMella from GE-Hitachi as Chair.
 - (2) Supply Chain - Gary Wolski from Curtiss-Wright and Myron Kaczmarek from Holtec as Co-Chairs.
 - (3) Government and Industry Gaps - Ted Garrish from New Horizons Nuclear Associates as Chair and Rob Sweeney from nXSolutions as Vice Chair.
- Subcommittees were asked to meet at least once per month and to establish Working Groups (as needed). Subcommittees to draft charters for what they plan to focus on and share with full Committee at next meeting.

9:30 – 10:00

Briefing: Department of Commerce, International Trade Administration Plans for the COP28 Climate Summit in the UAE

- Speakers:



- Victoria Yue, ITA Climate Lead, DOC/ITA
- Carol Berrigan, CINTAC Vice Chair

- Purpose: ITA's climate lead Victoria Yue discussed DOC plans for the COP28 Climate Summit, which will be the biggest COP to date. CINTAC Vice Chair Carol Berrigan discussed U.S. civil nuclear industry plans for COP28, where she is supporting U.S. industry participation.
- Victoria Yue offered details regarding COP28 and noted that the UAE is focusing on private sector engagement and trade. DOC will attend and is will provide industry briefings and outreach. DOC asked that CINTAC members going to COP with U.S. industry delegation share that information with DOC. There is a significant focus within the U.S. Government (USG) on information sharing as no central repository of information on attendees and events is available. ITA is compiling a newsletter to offer ideas regarding the best approaches to support the event and is coordinating with Special Presidential Envoy for Climate (SPEC) John Kerry's office.
- Victoria noted that DOC will be represented at the conference by senior leadership from the National Oceanic and Atmospheric Administration (NOAA) and the International Trade Administration (ITA).
- Additionally, there is a certified trade mission being led by the U.S. Chamber of Commerce and they will host a dinner on December 8.
- Additional events during the Summit include "Sustainability Week" and the Atlantic Council's Global Energy Forum.
- Carol Berrigan noted that COP is ~12 times larger than the IAEA General Conference and that the deadline to bring a delegation to COP28 has passed, but could occur at future COP Summits. Is likely too late to bring a group to the Blue Zone, but the UAE Government is making an effort to expand the conversation into the Green Zone. Additionally, efforts are being made to create a conversation about nuclear across COP, not just conversations among nuclear advocates.
- Nuclear specific happenings of note include:
 - Nuclear Requirement, an advocacy group that will bring youth activists to COP;
 - The IAEA will have a pavillion highlighting the role of nuclear as part of the climate solution;
 - Net Zero Nuclear will have a pavilion and has a new mission to the Conference;
 - The World Nuclear Association (WNA) and the Nuclear Energy Institute (NEI) will have large presences planned and are looking to leverage COP as a forum for the industry;



- ITA CS UAE is supporting a Certified Trade Mission and organizing a welcome event.

11:00 – 11:30

CINTAC Subcommittee Discussions

- Newly formed subcommittees held breakout sessions to discuss their priorities.

11:30 – 12:00

Industry Input for IAEA U.S. Industry Program (USIP)

- Purpose: Allow CINTAC members to provide input into DOC/U.S. industry participation in ITA's U.S. Industry Program at the IAEA General Conference. DoC Head of the U.S. Industry Delegation, Deputy Assistant Secretary (DAS) for Manufacturing Dr. Heather Evans, will attend.
- Speaker: Dr. Heather Evans, Deputy Assistant Secretary for Manufacturing, DOC/ITA
- Dr. Evans will serve as Head of the U.S. Industry Delegation for ITA's USIP. This is ITA's 14th year organizing the USIP. The U.S. Industry Delegation has 55 participants representing 28 companies and organizations. Also in attendance will be ITA staff from nine countries that industry identified as top export markets.
- At the USIP, Dr. Evans will moderate a Policymaker's Roundtable with senior USG officials and U.S. industry. Additionally she is planning to moderate meetings between U.S. industry and foreign delegations from Poland, the United Kingdom, the United Arab Emirates, Ukraine, the Czech Republic, Romania, Canada, Slovakia, Mexico, The Republic of Korea, Slovenia, and others (exact meetings TBC).
- Meeting participants noted that Ghana, Kenya, and the Philippines would be good countries to meet with. ITA noted that they would work to schedule meetings with these countries at the USIP.
- CINTAC participants noted that the U.S. civil nuclear supply chain is functioning and ready provide products and services now and that IRA legislation and EXIM Bank are key to U.S. nuclear industry success in competing abroad.
- Regarding the task of CINTAC providing the Secretary with actionable recommendations, participants raised the idea of offering recommendations that are not Secretary level, but Deputy Assistant Secretary level. Dr. Evans noted that all ideas are welcome and that interagency groups such as the TeamUSA Civil Nuclear Working Group should also be utilized for sharing ideas and requests.

12:15 – 1:00

Lunch Break



1:00 – 2:30 Team USA update

- Purpose: USG interagency representatives from TeamUSA Civil Nuclear Working Group provided updates on current activities and answered questions from CINTAC members.
- State Department highlighted recent announcements, including support for Ghana as it looks to become a regional energy hub. This includes workforce development assistance and provision of a SMR simulator to build their nuclear expertise.
 - At the September 6-7, 2023, Three Seas Summit in Bucharest, Special Presidential Envoy for Climate (SPEC) Kerry announced a SMR simulator at Romania's Politehnica University will serve as a training tool for Romania and the region.
 - On September 8, SPEC Kerry announced that the Czech Republic, Poland and Slovakia were selected to receive U.S. support for coal-to-small modular reactor (SMR) feasibility studies under Project Phoenix. SPEC Kerry also launched the Nuclear Expediting the Energy Transition (NEXT) One Stop Shop for SMR Support, to support countries in Europe and Eurasia that are approaching SMR deployment decisions.
- Department of Energy (DOE) highlighted their preparations for the IAEA General Conference. Secretary Granholm and other senior DOE officials plan to attend. DOE Assistant Secretary for Nuclear Energy Dr. Katy Huff will attend after traveling to Poland and the Czech Republic to support the Nuclear Energy Institute (NEI) Civil Nuclear Trade Missions. Dr. Huff will also travel to Paris for the November 28-30 World Nuclear Exhibition. DOE will host the U.S.-Africa Nuclear Summit and in late October/early November and the International Framework for Nuclear Energy Cooperation (IFNEC) Conference.
- USTDA Updates: highlighted an upcoming visit by a Ukrainian delegation; noted that they will attend the IAEA General Conference and COP28 in Abu Dhabi. USTDA fully supports the U.S. civil nuclear industry and is developing guidance for how to engage with U.S. industry. Requested U.S. industry assistance to understand if a market presents real commercial opportunities. Noted that they want to conduct more reverse trade missions in the civil nuclear sector.

2:30 – 3:00 Conclusion and Next Steps:

- CINTAC DFO thanked participants for their input and looks forward to receiving participation over the coming nine months.
- The CINTAC chair thanked participants and noted that by October 21 CINTAC subcommittees should provide their charters to the full committee.
- The next meeting will be November 16, 2023, and will be in-person, not hybrid.

3:15 – 4:00 Public Comments and Adjourn



- Suggestion for TeamUSA Update to include slide decks with additional information and that a matrix be constructed that shows previous CINTAC recommendations. Also requested that the CINTAC website be updated.

MEETING PARTICIPANTS

CINTAC Members:

1. Mr. Billy Mack, President and CEO, Accelerant Solutions
2. Mr. Craig Piercy, Executive Director and CEO, American Nuclear Society (ANS)
3. Dr. Hash Hashemian, President, Analysis and Measurement Services Corporation (AMS)
4. Ms. Colleen Deegan, Vice President and Manager, Bechtel Power Corporation
5. Dr. Danielle Castley, Founder & CEO, Becq
6. Mr. Glenn Neises, Nuclear Director, Burns & McDonnell
7. Dr. Yassin Hassan, University Distinguished Professor and Director, Center for Advanced Small Modular and Microreactors (CASMR) at Texas A&M University, Center for Advanced Small Modular and Microreactors (CASMR)
8. Mr. Sean Oehlbert, Vice President, Corporate Business Strategy, Centrus Energy
9. Mr. Nicholas Murray, Managing Director, Public Policy, ClearPath
10. Mr. Ralph Hunter, Vice President, Constellation Energy Generation, LLC, and President, Constellation Generation Development, LLC, Constellation Energy Generation, LLC
11. Mr. Gary Wolski, Vice President, Sales, Curtiss-Wright
12. Mr. Rod Baltzer, Chief Operating Officer, Deep Isolation
13. Mr. Colin Austin, Senior Vice President of International Business, EnergySolutions
14. Mr. Donald Hoffman, Founder/President/CEO, EXCEL Services Corporation
15. Mr. Jarret Adams, Founder and CEO, Full On Communications, LLC
16. Mr. Adam DeMella, Senior Vice President, Global Government Affairs and Policy, GE Hitachi Nuclear Energy
17. Mr. Brandon Brooks, Senior Manager, Strategic Business Development, General Atomics – Electromagnetics (GA-EMS)
18. Ms. Jackie Toth, Deputy Director, Good Energy Collective
19. Ms. Amy Roma, Partner and Global Energy Practice Area Leader, Hogan Lovells
20. Mr. Myron Kaczmarzsky, Vice President, Holtec Government Services, Holtec International
21. Mr. Paul Amico, Director, International Industrial Practice, Jensen Hughes
22. Mr. Peter Hastings, Vice President, Regulatory Affairs & Quality, Kairos Power LLC
23. Mr. Seth Grae, President and CEO, Lightbridge Corporation – might be in-person
24. Mr. Paul Murphy, Managing Director, Murphy Energy & Infrastructure Consulting
25. Mr. Alex Polonsky, Partner, Morgan, Lewis, & Bockius LLP
26. Dr. Michael McMahon, Vice President, Transportation and Strategic Projects, NAC International
27. Ms. Carol Berrigan, Executive Director, Federal Programs and Supplier Relationships, Nuclear Energy Institute



28. Mr. Ted Garrish, International Nuclear Trade Advisor, New Horizons Nuclear Associates (NHNA), LLC
29. Mr. Robert Sweeney, Head of Energy and Infrastructure, nXSolutions
30. Mr. Jeff Merrifield, Partner and Energy Section Leader, Pillsbury Winthrop Shaw Pittman, LLP (leaving at noon)
31. Mr. Nathan Schukei, Sales and Business Development Manager, Rosemount Nuclear Instruments, Inc.
32. Ms. Marcia Burkey, Executive Vice President and Chief Financial Officer, TerraPower,
33. Mr. Joseph Green, Chief Nuclear Officer, Thermal Engineering International (USA), Inc.
34. Mr. Alan Ahn, Senior Resident Fellow for the Climate and Energy Program, Third Way
35. Mr. Michael McMurphy, Senior Fellow, U.S. Nuclear Industry Council (USNIC)
36. Mr. Elias Gedeon, Senior Vice President, Commercial Operations, Westinghouse Electric Company

U.S. Government

- Jonathan Chesebro, CINTAC DFO, DOC/ITA
- Emily Church, Senior International Trade Specialist, Office of Energy and Environmental Industries (OEEI), DOC/ITA
- Victoria Yue, Senior International Trade Specialist, OEEI, DOC/ITA
- Heather Evans, Deputy Assistant Secretary for Manufacturing, DOC/ITA
- Erick Kish, Senior Commercial Officer, CS Abu Dhabi, DOC/ITA
- Kirsten Cutler, Senior Strategist for Nuclear Innovation, Office of Nuclear Energy, Safety and Security, Bureau of International Security and Nonproliferation, U.S. Department of State
- Justin Friedman, Senior Advisor for Commercial Competitiveness in Nuclear Energy, Office of Nuclear Energy, Safety and Security, Bureau of International Security and Nonproliferation, U.S. Department of State
- Alicia Duncan, Deputy Assistant Secretary for International Nuclear Energy Policy and Cooperation, Office of Nuclear Energy, U.S. Department of Energy
- Carl B. Kress, Regional Director for the Middle East, North Africa, Europe, Eurasia and East Asia, U.S. Trade and Development Agency (USTDA)