

Civil Nuclear Trade Advisory Committee (CINTAC) Meeting

Eighth Charter, 2022-2024

Thursday, January 11, 2024, 9:00 a.m. - 4:00 p.m. EDT
In-person, HCHB Research Library

MEETING MINUTES

9:00 – 9:05

Welcome and Roll Call

- Speaker: Jonathan Chesebro, Designated Federal Officer of the CINTAC, U.S. Department of Commerce, International Trade Administration (DOC/ITA)
- Mr. Chesebro welcomed meeting participants and took roll call.

9:05 – 9:10

Review Meeting Goals

- Speaker: Ralph Hunter, CINTAC Chair
_____ Carol Berrigan, CINTAC Vice Chair
- Mr. Hunter and Ms. Berrigan noted that the CINTAC has had good discussions to date on potential recommendations and encouraged members to develop near-term actionable recommendations for the Secretary prior to the Committee's August 2024 charter expiration.

9:10 – 10:00

Discussion: CINTAC Subcommittee Breakout Sessions

- Purpose: Subcommittees had breakout sessions to discuss subcommittee charters, finalize working groups and identify priorities.

10:00 – 11:00

Discussion: TeamUSA Roundtable with CINTAC Members

- Purpose: U.S. Government (USG) interagency representatives from the TeamUSA Civil Nuclear Working Group engaged with CINTAC members on the discussion questions that were posed to various agencies.
- Speakers:
 - Lauren Joyce, Chief of Staff & Senior Policy Advisor, Office of International Nuclear Energy Policy and Cooperation, U.S. Department of Energy
 - Kirsten Cutler, Senior Strategist for Nuclear Innovation, Bureau of International Security and Nonproliferation (ISN), U.S. Department of State
 - Justin Friedman, Senior Advisor for Commercial Competitiveness in Nuclear Energy, ISN, U.S. Department of State
 - Gary Langlie, Export Licensing Officer, U.S. Nuclear Regulatory Commission
 - Carl B. Kress, Regional Director, Middle East, North Africa, Europe and Eurasia, U.S. Trade and Development Agency



CINTAC Provided Discussion Questions for 10:00-11:00am TeamUSA Roundtable with CINTAC Members

- Outside of Poland and Romania where there are already Intergovernmental Agreements (IGAs) in place, how would TeamUSA rank priority countries (from a USG perspective) for significant bilateral (or multilateral) civilian nuclear cooperation, which, in turn, would facilitate U.S. led projects, similar to Poland and Romania (irrespective of whether an IGA is contemplated)? In other words, where is the USG focusing its efforts, such that U.S. industry should focus/follow?
- Relative to the first question, how would TeamUSA group these opportunities by near term (first unit COD before 2035), medium term (first unit COD between 2035-45), and long term (first unit COD post 2045)?
- Could TeamUSA provide a summary of the various programs announced and their progress and overlay (if any) with TeamUSA? Examples: Project Phoenix, PACE, NICE Future.
- What is the USG doing beyond these initiatives to help lower the barriers that prevent U.S. industry from competing in new and existing markets?
- What ongoing USG efforts are occurring in high priority countries that can directly lead to enabling reactor construction? What steps does the USG need to take that requires Agency, White House, and/or Congressional action to allow a private company to get to yes and break ground. This should include timelines and milestones, and how the USG plans on publicly reporting out those milestones if they are on/off track. If they aren't doing this, why not?
- How does the recent news about NuScale and X-Energy affect the market for U.S. made SMRs?
- What are the prospects for the USG to provide additional financial assistance to SMR developers to help them survive/thrive?

- Interagency speakers laid out the differing equities they must weigh when prioritizing the amount of agency resources dedicated to international pursuits of civil nuclear energy. For some agencies that is the geopolitical considerations, while for other agencies their mandate limits their ability to work in various nations based on levels of economic development.

11:00 – 11:45

Briefing: USG Policy on Civil Nuclear Engagement with China

- Purpose: to hear about the USG's current policy on civil nuclear trade with China, including recent regulatory changes that expand controls on certain exports to China.
- Speakers:
 - Steve Clagett, Director, Nuclear and Missile Technology, DOC Bureau of Industry and Security
 - Lauren Joyce, Chief of Staff & Senior Policy Advisor, Office of International Nuclear Energy Policy and Cooperation, U.S. Department of Energy
 - Katie Strangis/Andrew Lyman, Office of Nonproliferation Policy, Nonproliferation and Arms Control, National Nuclear Security Administration, U.S. Department of Energy
 - Jim Warden, Director, Office of Nuclear Energy, Safety and Security, Bureau of International Security and Nonproliferation, U.S. Department of State
 - Gary Langlie, Export Licensing Officer, U.S. Nuclear Regulatory Commission



(NRC)

- Lauren Mayros, International Policy Analyst, Office of International Programs, NRC
- DOC/BIS reviewed its August 2023 rule change noting that its intention is to monitor U.S. civil nuclear exports to China, versus making it more difficult to export. BIS is approving export licenses. BIS was not able to do outreach to industry in advance of the rule change given the sensitive nature of the interagency discussions on the topic.
- Speakers noted that uranium imports are currently coming into the United States under a general license. They stressed, however, that Congress is currently considering a few pieces of legislation that could change the import process.
- Regarding Part 110 reviews, the Nuclear Regulatory Commission (NRC) stated that it is anticipated that advanced reactors will require updated regulations and they are working on getting those completed. The NRC also noted that the NRC is moving forward in a timely manner on Part 110 reviews but are reliant on other players, including foreign regulators.
- NNSA and State noted that the October 2018 U.S.-China Civil Nuclear Framework has not changed and is still being followed.
- State has made a lot of progress on receiving foreign government assurances for Part 810 licenses and noted that one challenge is educating foreign counterparts on the purpose of the foreign government assurances and what is needed. It is important to educate U.S. foreign service officers and foreign interlocutor on the U.S. export control process.

11:45 – 1:00

Lunch Break

1:00 – 2:00

CINTAC Subcommittee Readouts

- Purpose: Subcommittees offered readouts of their breakout sessions to the entire CINTAC:
 - First-of-a-Kind (FOAK) Subcommittee: Nuclear is the ideal industry for U.S. government to make an impact on supporting U.S. exports (its development is in the national interest and industry can't do it alone). The subcommittee will work on a letter emphasizing the need to deploy at home in order to successfully sell solutions abroad.
 - Supply Chain Subcommittee:
 - The subcommittee is discussing two letters: advocating for the streamlining and greater use of the intergovernmental agreement (IGA) format and advocating for a single point of contact for international interlocutors (e.g. Energy Czar role). Many countries want Western solutions, but they often end up selecting foreign competitors because the United States does not have the same type of government-to-government engagement.
 - The subcommittee noted that a future U.S. government (USG) briefing on enrichment and the civil nuclear supply chain would be helpful for CINTAC.
 - The Subcommittee discussed requesting a future USG briefing on



AUKUS and the situation in Australia as a potential export market.

- Government Gaps Subcommittee: The subcommittee proposed writing a letter requesting that TeamUSA be given funding to support its work given the high value of the work they are doing for U.S. industry. They would also like DFC to do more engagement to support U.S. civil nuclear exports.

2:00 – 2:30

Briefing: ITA Advocacy Center Services

- Purpose: provide a briefing on how ITA's Advocacy Center can help U.S. companies win foreign government procurements.
- Speaker: Derek Schlickeisen, Civil Nuclear Team Lead and Regional Manager, Advocacy Center
- Mr. Schlickeisen gave an overview of ITA Advocacy Center services and the process for how U.S. companies can apply, and how the USG reviews advocacy questionnaires. He stressed that the advocacy strategy is directed by the U.S. client and that being approved is the start - not the end – of the process. He also noted that in the nuclear industry, waiting for the RFP to engage may be too late, and that the Advocacy Center can engage pre-tender. The more familiar the USG is with a company and its technology, the more effective the advocacy will be.

2:30 – 3:00

Conclusion and Next Steps

- Mr. Chesebro noted that the next CINTAC meeting will be March 14.
- The CINTAC chair thanked members for their active participation in the meeting and encouraged subcommittees to continue their work between meetings.

3:00 – 4:00

Public Comment & Adjourn

- No members of the public attended.



MEETING ATTENDEES

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. Mr. Glenn Neises, Nuclear Director, Burns & McDonnell
6. Mr. Joshua Parker, Director of Business Development, BWX Technologies, Inc.
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. Ralph Hunter, Vice President, Constellation Energy Generation, LLC, and President, Constellation Energy Generation Development, LLC, Constellation Energy Generation, LLC
10. Mr. Gary Wolski, Vice President, Sales, Curtiss-Wright
11. Mr. Rod Baltzer, Chief Operating Officer, Deep Isolation
12. Mr. Colin Austin, Senior Vice President of International Business, EnergySolutions
13. Mr. Jarret Adams, Founder and CEO, Full On Communications, LLC
14. Mr. Adam DeMella, Senior Vice President, Global Government Affairs and Policy, GE Hitachi Nuclear Energy
15. Mr. Brandon Brooks, Senior Manager, Strategic Business Development, General Atomics – Electromagnetics (GA-EMS)
16. Ms. Jackie Toth, Deputy Director, Good Energy Collective
17. Ms. Amy Roma, Partner and Global Energy Practice Area Leader, Hogan Lovells
18. Mr. Myron Kaczmarzsky, Vice President, Holtec Government Services, Holtec International
19. Mr. Paul Amico, Director, International Industrial Practice, Jensen Hughes
20. Mr. Peter Hastings, Vice President, Regulatory Affairs & Quality, Kairos Power LLC
21. Dr. Michael McMahon, Vice President, Transportation and Strategic Projects, NAC International
22. Mr. Ted Garrish, International Nuclear Trade Advisor, New Horizons Nuclear Associates (NHNA), LLC
23. Mr. Clayton Scott, Executive Vice President, Business Development, NuScale Power, LLC
24. Mr. Robert Sweeney, Head of Energy and Infrastructure, nXSolutions
25. Mr. Jeff Merrifield, Partner and Energy Section Leader, Pillsbury Winthrop Shaw Pittman, LLP
26. Mr. Nathan Schukei, Sales and Business Development Manager, Rosemount Nuclear Instruments, Inc.
27. Ms. Marcia Burkey, Executive Vice President and Chief Financial Officer, TerraPower
28. Mr. Joseph Green, Chief Nuclear Officer, Thermal Engineering International (USA), Inc.
29. Mr. Alan Ahn, Senior Resident Fellow for the Climate and Energy Program, Third Way
30. Mr. Michael McMurphy, Senior Fellow, U.S. Nuclear Industry Council (USNIC)
31. Mr. Elias Gedeon, Senior Vice President, Commercial Operations, Westinghouse Electric Company



U.S. Government

- Jonathan Chesebro – DOC/ITA
- Emily Church – DOC/ITA
- Armando Crosland – U.S. Department of Energy (DOE)
- Lauren Joyce – DOE
- Kirsten Cutler – U.S. Department of State
- Justin Friedman – U.S. Department of State
- Jim Warden – U.S. Department of State
- Katie Strangis – DOE National Nuclear Security Administration (NNSA)
- Andrew Lyman – DOE/NNSA
- Thomas Haslett – U.S. International Development Finance Corporation
- Gary Langlie – U.S. Nuclear Regulatory Commission
- Lauren Joyce – U.S. Nuclear Regulatory Commission
- Carl Kress – U.S. Trade and Development Agency
- Jesse Young – EXIM Bank