



**U.S. Department of Commerce**  
**Civil Nuclear Trade Advisory Committee (CINTAC) Meeting**  
(meeting held via conference call)  
Sixth Charter, 2018-2020  
Monday, May 6, 2:00 - 4:00pm

MINUTES

**2:00 – 2:05**

**Welcome, Introductions, and Roll Call**

- Jonathan Chesebro & Devin Horne, Designated Federal Officers (DFOs) of the CINTAC, U.S. Department of Commerce

**2:05 – 2:10**

**Welcome and Agenda Overview**

- Chris Colbert, Chair, & Jeff Harper, Vice Chair

**2:10 – 2:40**

**NCMOU Recommendation Introduction, Revision, and Approval**

- Ralph Hunter, Chair, International Engagements Subcommittee
- Overview provided of draft letter – letter’s purpose is to recommend focus areas for NCMOUs and provide industry input on priority markets.
- Group discussion focused on: the need for partner countries to have a strong regulatory framework in place; for countries to adopt standards that allow U.S. companies to compete in that market and that support a strong safety culture; and for NCMOUs to include discussion of funding mechanisms.
- For the target countries, the group agreed that this was not a rank ordered list and that it will likely evolve over time. Industry speakers noted that adding emerging countries, especially those in Africa, would be valuable.
- Group noted their desire to have continued U.S. industry engagement as NCMOUs are developed and signed.
- The group voted to approve the letter with the amendments that were discussed.

**2:40 – 3:40**

**CINTAC Subcommittee Discussion and Overview**

- Subcommittee chairs will present their draft subcommittee charters for discussion. The full committee will provide feedback on the draft charters. Subcommittees will then have until May 15 to send final drafts to DFOs for final review and adoption at the in-person meeting on May 22.



2:40 – 2:55 Regulation & Policy Subcommittee

- Chuck Goodnight, Chair
  - Draft charter was reviewed, including noting that further modifications may be made based on subcommittee input.
  - Noted that items listed are not in priority order, the need to strengthen IPR protection, streamline the U.S. licensing process, and ensure standards are implemented globally that support U.S. industry involvement.
  - Subcommittee will update its charter and submit an updated version by May 15.

2:55 – 3:10 International Engagements Subcommittee

- Ralph Hunter, Chair
  - Draft charter was reviewed, noting the five focus areas, that the metrics section will be filled in more before May 15. Group noted the importance of the United States having a strong presence at the IAEA General Conference.

3:25 – 3:40 Infrastructure Subcommittee

- Larry Sanders, Chair
  - Draft charter was reviewed, noting that this subcommittee aims to provide recommendations to support the domestic fleet, technology innovation, and human capital development.
  - Group discussed the importance of a strong domestic industry to ensure the international competitiveness of U.S. industry.
  - Charter will be updated and provided to entire Committee.

3:40 – 3:55 Communications Matrix Subcommittee

- Mimi Limbach, Chair
  - Draft charter was reviewed, noting that this charter was different than other subcommittee charters since this group is a matrix subcommittee that coordinates with other subcommittees and edits CINTAC communications to ensure consistency of message.
  - Subcommittee plans to develop an elevator speech regarding the importance of the civil nuclear industry to the United States and develop subcommittee specific talking points to help support their goals.



3:10 – 3:25 Financing Subcommittee

- Seth Grae, Subcommittee Member
  - Reviewed draft charter items, including the subcommittee’s focus on advising on trade related implications of financing (e.g. OPIC, USDFC, DOE loan guarantee program). Want to raise awareness of the evolving financial paradigm for advanced nuclear and enhance existing models of financing support for U.S. industry.
  - CINTAC leadership noted the importance of each subcommittee having clearly defined metrics for success and that each subcommittee have a standard format for their charters. Group agreed that subcommittees should avoid having overlapping charters.

**3:55 – 4:00 Public Comment & Adjourn**

Two members of the public joined the call:

- Jay Kraemer, Of Counsel, Fried, Frank, Harris, Shriver & Jacobson LLP
- Kate Davy, Assistant Marketing Manager, Analysis & Measurement Services (AMS) Corp.
- Jay Kraemer noted that the subcommittee structure was comprehensive but was missing a U.S. industry business plan for the next five years that highlighted what U.S. industry has to sell globally and what the USG can do to support this plan. Noted that given the diminished role of the U.S. as global supplier, it’s important to identify what the U.S. has that is competitive and how the USG can enhance the sale of these items.
- Meeting adjourned at 3:37pm



## Meeting Attendees

### Commerce Department

- Jonathan Chesebro, Senior Nuclear Trade Specialist & CINTAC Co-Designated Federal Officer, International Trade Administration
- Devin Horne, Civil Nuclear Trade Specialist & CINTAC Co-Designated Federal Officer, International Trade Administration

### CINTAC Members

(individuals highlighted in yellow participated)

1. Margaret Harding – Principal, 4 Factor Consulting
2. Larry Sanders – Chief Executive Officer, Accelerant Technologies
3. Jay Brister – Vice President, Business Development, AECOM
4. Robert Coward – Member, American Nuclear Society
5. John Bendo – Business Development Manager, Power & Energy, ASME
6. H.M Hashemian – President, Analysis and Measurement Services Corporation
7. Colleen Deegan – Vice President, Bechtel Corporation
8. Glenn Neises – Nuclear Director, Burns & McDonnell
9. Joseph Miller – Director, Advanced Technology Programs, BWX Technologies, Inc.
10. Bryan Wilkes – Vice President for Strategic Engagement and External Relations, CB&I Project Services Group
11. Michael Whitehurst – Director, Business Development, Centrus Energy Corp.
12. Gary Wolski – Vice President, Nuclear Division, Curtiss-Wright
13. Russell Neely – Chief Operating Officer, Edlow International Company
14. Colin Austin – Senior Vice President of International Business, EnergySolutions
15. Robert Kalantari – President and CEO, Engineering, Planning and Management
16. Donald Hoffman – President & CEO, EXCEL Services Corporation
17. Ralph Hunter - Vice President, Exelon Corporation
18. Woody Lawman – Director of Sales, Navy and Nuclear Products, Flowserve Limatorque
19. Jarret Adams – CEO, Full On Communications
20. David Sledzik – Senior Vice President, Sales & Commercial Operations, Nuclear Plant Projects, GE Hitachi Nuclear Energy
21. Brandon Brooks – Strategic Development Manager, General Atomics
22. Charles Goodnight – President, Goodnight Consulting
23. Myron Kaczmarzky – Senior Director, Holtec International
24. Robert Sweeney – President & CEO, IBEX Engineering Services, Inc.
25. Paul Amico – Director, International Operations, Power Services Group, Jensen
26. Seth Grae – President & CEO, Lightbridge Corporation
27. Juan Subiry – Vice President, Market and Product Strategy, NAC International
28. Edward Kee – CEO, Nuclear Economics Consulting Group
29. Beverly Marshall – Vice President, Governmental Affairs, Nuclear Energy Institute



30. Kenneth L. Peddicord – Director, Nuclear Power Institute, Texas A&M University
31. Neil Numark – President, NUMARK Associates
32. Christopher Colbert – Chief Strategy Officer, NuScale Power
33. Scott Singer – Vice President, Chief Security and Information Officer, PAR Systems
34. Mimi Limbach – Managing Partner and President, Potomac Communications Group
35. Art Wharton – Vice President, Market Development, Studsvik Scandpower Inc.
36. Pete Gaillard – Licensing Manager, Terrapower, LLC
37. David Blee – President & CEO, United States Nuclear Industry Council
38. Graham Cable – Vice President, Global Growth & Strategy, Westinghouse Electric Company
39. Jeffrey Harper – Vice President, Strategy and Business Development, X Energy, LLC

Members of the Public

- Jay Kraemer, Fried, Frank, Harris, Shriver & Jacobson LLP
- Kate Davy, AMS





INTERNATIONAL  
**TRADE**  
ADMINISTRATION

## Meeting Handouts



## DRAFT CINTAC Communications Subcommittee Charter

### **Name**

Communications Subcommittee (Matrix)

### **Purpose**

Provide the CINTAC with compelling messaging that reflects Committee and subcommittee goals and delivers consistency across the subcommittees.

### **Focus Areas**

1. Provide overarching messaging for the CINTAC.
2. Deliver editorial support for major CINTAC communications.
3. Evaluate CINTAC and subcommittee communications and provide counsel and support to ensure that each subcommittee's messaging and communications are complementary to each other and to the overarching CINTAC messaging.

### **Actions**

1. Develop and finalize an "elevator message" on why civilian nuclear energy is important to the U.S. and why its export is vital to U.S. interests. This would be incorporated as an overarching message in each subcommittee communication.
2. Subcommittee-specific talking points that reflect each subcommittee's goals and build on our core "elevator message."

### **Metrics**

1. Each subcommittee message is incorporated and covered in the elevator speech. In addition, they are clear, actionable, and attainable. Metric is agreement/buy-in that this has been accomplished by each subcommittee.



## **DRAFT CINTAC INFRASTRUCTURE SUBCOMMITTEE CHARTER**

### **Name**

Infrastructure Subcommittee

### **Purpose**

Support CINTAC's mission to advance the competitiveness of US civilian nuclear technologies by designing recommendations to advance the operation of US nuclear fleet and its suppliers and market the supporting workforce / skill assets, including management, development, and knowledge retention mechanisms.

### **Focus areas**

- Outline high-level policy changes to advance operation of the existing US nuclear fleet and acceptance of new/advanced technologies.
- Work with the communication leads to develop plan to market / promote:
  - US operating fleet success, emerging technologies, and workforce development tools.
  - Industry-leading professional and skilled resources to support nuclear plant design, licensing, construction, project management, operational readiness.
  - Processes and tools to promote operational excellence and event free performance.
  - Human resource capital optimization (training, procedures, knowledge retention, organizational design, and workforce capacity)

### **Actions**

- Initiatives will be identified via subcommittee member consensus and submitted for CINTAC concurrence.
- For approved initiatives, subcommittee will identify the actions needed for implementation, including action, owners, and due dates.
- This charter will be amended as needed to include list of initiatives and supporting actions.
- Progress updates will be presented to CINTAC as requested during regularly scheduled meetings, calls, etc.

### **Metrics:**

- Develop at least 2 recommendations for CINTAC consideration for each focus area.
- Have at least 2 total subcommittee recommendations endorsed by CINTAC.
- Work with CINTAC and applicable governmental entities to implement at least 2 subcommittee recommendations.





## **DRAFT CINTAC INTERNATIONAL ENGAGEMENTS SUBCOMMITTEE CHARTER**

### **Purpose**

Develop recommendations and take actions which, working with CINTAC leadership and TEAM USA, improve US positioning and competitiveness for international civil nuclear trade opportunities.

### **Focus areas**

- Recommend, shape the content, promote the use of Nuclear Cooperation MOUs, and ensure that NCMOUs result in commercially viable international trade opportunities.
- Identify and recommend actions that enhance US nuclear businesses access to new global nuclear power projects from enhancing operations of existing nuclear plants to micro reactors, SMRs, advanced technologies, and large new nuclear power plants
- Identify and recommend actions that enhance US nuclear business access to decommissioning opportunities globally
- Identify and recommend actions that improve US positioning, competitiveness and targeting for commercial export opportunities.
- Identify and recommend, in conjunction with the other subcommittees, policy, regulatory and financing actions that improve US competitiveness and increase international trade opportunities

### **Actions:**

- Develop and issue a recommendation to the Secretary on content and countries targeted for NCMOUs
- Continue to provide industry perspective and recommendations on NCMOU content, financing support and target countries throughout the CINTAC charter period to ensure NCMOUs are successful. Identify opportunities for deeper CINTAC/member engagement in the NCMOU development and execution process to ensure they grow international trade.
- Recommend approaches and take action to enhance US positioning and profile at the IAEA General Conference
- Recommend, promote and participate in US trade missions

### **Metrics:**

- Letter on NCMOUs received by the Secretary and actions taken



**DRAFT CINTAC Regulatory & Policy Subcommittee**

***Purpose:***

The CINTAC Regulatory and Policy Subcommittee identifies national and international policy, regulatory, legislative, and treaty barriers to the expansion of U.S. nuclear trade and proposes practical solutions for their elimination or amelioration.

***Focus Areas/Actions:***

<b>Focus Areas</b>	<b>Actions</b>
National nuclear policy	<ul style="list-style-type: none"> <li>• Identify critical issues impeding industry ability to develop, design, manufacture, construct, license and export</li> <li>• Focus on largest deltas (top 3) where US regulation puts US industry at a disadvantage to other nuclear exporting nations</li> <li>• Support the drafting of policies that will improve US export opportunities and enhance US industry’s ability to compete internationally</li> </ul>
Export Support / Controls	<ul style="list-style-type: none"> <li>• Identify how to reduce limitations on commercial nuclear technology exports</li> <li>• Help shape the structure of needed 123 agreements</li> <li>• Identify potential changes to Part 810, Part 110, EAR Licensing and other export regulations to improve US competitiveness</li> <li>• Identify potential changes to legislative or treaty barriers to the expansion of US nuclear trade</li> <li>• Benchmark other countries' export regimes</li> <li>• Promote financial support mechanisms for the export of US technologies to allow privately-owned US entities to better compete against foreign government-owned/government-sponsored entities</li> </ul>
Role of Government vs. Industry	<ul style="list-style-type: none"> <li>• Identify needed changes in the status quo vis-à-vis the role of government vs. industry</li> <li>• Develop approaches to achieve alignment on those changes</li> </ul>
Intellectual Property	<ul style="list-style-type: none"> <li>• Identify methods to strengthen intellectual property protection.</li> <li>• Promote the results to relevant government entities and industry bodies</li> </ul>



Standards	<ul style="list-style-type: none"><li>• Promote universal standards to reduce cost drivers that decreases competitiveness or is a disqualifier if not compliant.</li></ul>
Regulatory burdens / licensing challenges	<ul style="list-style-type: none"><li>• Streamline requirements for certifying US technologies (example SMRs)</li></ul>
Communications	<ul style="list-style-type: none"><li>• Enhance industry communication with the government nuclear interagency team</li><li>• Elevate both understanding of, and working relationships with, key policymakers relative to civil nuclear exports</li></ul>
Nuclear Liability	<ul style="list-style-type: none"><li>• Identify approaches to reduce nuclear liability</li></ul>

***Success Definition:***

The Subcommittee considers success to be having an impact on US regulation or policy such that U.S. industry expands, either domestically, internationally, or both.