



Nebraska Advanced Nuclear Conference

May 22 - 24, 2023

Embassy Suites 1040 P Street, Lincoln, NE

Monday, May 22

4:15 PM — 7:00 PM **Registration Open**

7:00 PM – 8:30 PM **Pre-Conference Reception**

Tuesday, May 23

7:00 AM **Registration opens**

8:00 a.m. **Welcome/Overview**

8:15 **Opening Remarks**
Nebraska Lt. Governor Joe Kelley

8:45 a.m. **State of the Industry**
Doug True – Chief Nuclear Office & Senior Vice President, Nuclear Energy Institute (NEI)
Craig Stover – Senior Program Manager—Transformative Nuclear Technologies, Electric Power Research Institute (EPRI)

9:45 a.m. **Break**

10:00 a.m. **Breakout Sessions**

- Advanced Nuclear Technologies Overview – Marc Nichol, Senior Director, New Reactors, Nuclear Energy Institute (NEI)
- Affordability of Advanced Reactors – Sean Lawrie, Partner, Scott Madden Company
- Nuclear Beyond Electricity – Jeremy Shook, Principal Project Manager, Electric Power Research Institute (EPRI)

11:00 a.m. **Storage and Spent Fuel Management**
Jack Boshoven, Chief Engineer, Orano USA

Paul Murray, Sr. Vice President, Orano USA

- Noon **Luncheon** – Embassy Suites Atrium
- 1:00 p.m. **Panel Discussion – Regulatory Process – Complexity and Timeline**
Moderator – Jan Bostelman, Bostelman Engineering and Secretary Treasurer of Advanced Nuclear Coalition
- David A. Wright, Commissioner, U.S. Nuclear Regulatory Commission (NRC)
 - Rani Franovich, Consultant, Former Nuclear Regulatory Commission Staff
 - Kellie Foster, Manager of Advanced Reactor Integration, Kinectrics
- 2:00 p.m. **Panel Discussion – Advocacy, Education, and Public Outreach**
Moderator – Kristen Gottschalk, President, Advanced Nuclear Coalition
- Kristin Zaitz, Mothers for Nuclear
 - Kara Colton, Energy Communities Alliance
 - Rani Franovich, Consultant, Former Nuclear Regulatory Commission Staff
- 3:15 p.m. **Break**
- 3:30 p.m. **Panel Discussion – Nuclear Opportunities**
Moderator – Bryce Johnson, Director for Engineering for Facilities, Planning and Capital Programs, University of Nebraska System
- A Business Case—Nuclear to Hydrogen, Rob Hanson, CEO, Monolith Materials
 - Nucor Steel and Nuclear—Luke Johnson, Sustainability Specialist, Nucor Corporation
 - Mid-Continent Clean Hydrogen Hub (MCH2) – Courtney Dentlinger, VP Customer Services, Nebraska Public Power District
- 5:00 p.m. **Adjourn for the Day**
- 5:30 to 6:30 p.m. **Reception – all attendees**

Wednesday, May 24

- 7:30 AM **Registration Open**
- 8:00 AM **Panel Discussion- Nuclear Fuels and Diversified Generation**
Moderator – Bruce Letellier, Nuclear Services Division Manager-Serco NA
- TRISO Fuels—Michael Melton, Business Development Manager, X-Energy

- Adding Nuclear to the Mix: Role of Coal— Christine King, Director of Gateway for Accelerated Innovation in Nuclear (GAIN), Idaho National Labs
- HALEU Fuels—Joshua Jarrell, Senior Technical Advisor DOE, Idaho National Labs (INL)

9:00 AM

Breakout Sessions – Technology Deep Dives

- High Temperature Gas Reactors—Michael Melton, Business Development Manager, X-Energy
- Sodium Fast Reactors—Mark Werner, Director Plant Delivery, TerraPower
- Micro, Small Modular and Beyond—Ben Leber, Energy Systems Division, Westinghouse
- Uranium Enrichment—Global Laser Enhancement-- James Dobchuk, President and Chief Commercial Officer for Global Laser Enrichment (GLE)

10:00 AM

Break

10:15 AM

Construction Challenges

Ross McConnell, President, DZ Atlantic, Day & Zimmermann

10:45 AM

Panel Discussion – Feasibility and Site Studies

Moderator – Steve Gebers, CHP (Retired OPPD)

Glenn Neises, Nuclear Director, Burns & McDonnell

Roman Estrada, Generation Research Senior Program Manager, Nebraska Public Power District

Chad Swope, Project Delivery Director, Generation Consulting, 1898 & Co., Part of Burns & McDonnell

11:45 AM

Nebraska Governor Jim Pillen—Closing Remarks

12:00 PM

NANF Adjournment

Cooper Nuclear Station Tour—optional registration—space available on a first come, first served basis