

Clean. Reliable. Nuclear.

ATOMIC WINGS

LUNCH & LEARN

Presented by ClearPath

A bipartisan educational series focusing on securing the economic, safe, clean, reliable nuclear future

ADVANCED MANUFACTURING AND NUCLEAR ENERGY APPLICATIONS

May 16

11:30 a.m. – 11:45 a.m. REGISTRATION, NETWORKING, LUNCH

11:45 a.m.

OPENING REMARKS

Ed McGinnis, Principal Deputy Assistant Secretary
Maria Korsnick, President & CEO, NEI

INVITED GUESTS

Senator James Risch (ID)
Congressman Chuck Fleischmann (TN)

PANEL FACILITATOR

Marc Nichol, Director New Reactor Deployment, NEI

PANELISTS

Scott Bailey, Vice President, Supply Chain, NUSCALE

Alice Caponiti, Director for Nuclear Energy Technologies
U.S. Department of Energy | Office of Nuclear Energy

Adam DeMella, Professional Staff Member
Senate Committee on Appropriations

Erik T. Nygaard, Director, Research & Engineering (R&E)
BWX Technologies

Jeff Whitt, Director of Government Services & Advanced Reactors
Framatome

AUDIENCE/PANEL Q&A

1:00 p.m.

CONCLUSION

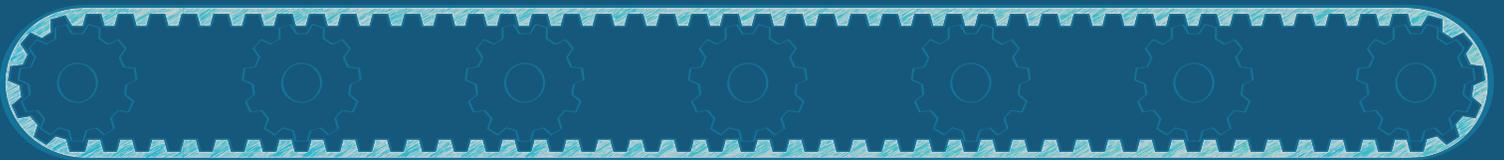
*Join us for our next
lunch and learn
June 5, 2019*

For More Information Contact:

Michelle Harstine at michelle.harstine@nuclear.energy.gov

ADVANCED MANUFACTURING METHODS FOR NUCLEAR

6 ways to develop nuclear plants and parts **faster, cheaper** and with **greater reliability**.



WELDING AND JOINING TECHNOLOGIES – New high speed welds that use real-time data to improve quality and productivity for factory and field fabrications.



ADDITIVE MANUFACTURING – Process that creates complex shapes from a computer design file. Can be rapidly prototyped and tested to reduce cost and timeline of production.



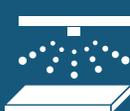
MODULAR FABRICATION – Factory-built and transportable modules that are assembled on-site to increase the efficiency and economics of new plant builds.



CONCRETE MATERIALS AND REBAR TECHNOLOGIES – New high strength, high performance concrete and rebar that improves quality and reduces construction times for new plants.



DATA MANAGEMENT – Data capturing tools used to maintain and assist in system design control during construction and the operational life of a facility.



SURFACE MODIFICATION AND CLADDING PROCESSES – Uses solid state, cold spray or other bonding processes to avoid surface and sub-surface flaws caused by welding.