

Nicholas McMurray

Work Experience

Managing Director, International and Nuclear Policy

January 2024 – Present

Managing Director, Public Policy

January 2022 – December 2023

Senior Program Director, Nuclear Energy

October 2019 – December 2021

ClearPath

Washington, DC

- Lead the development and execution of ClearPath's international and nuclear energy policy portfolios
- Manage a team of six staff members
- Produce research insights and written products pertaining to ongoing legislative, regulatory, and innovation activities
- Represent ClearPath in the media including on the record interviews
- Build and maintain more than 100 unique stakeholder relationships across private industry, nongovernmental organizations, academia, and the U.S. federal government
- Educate Members of U.S. Congress and Congressional staff on recent energy initiatives and ClearPath's priorities

Materials Engineer

July 2013 – October 2019

Nuclear Regulatory Commission (NRC)

Rockville, Maryland

- Developed technical guidance on materials, component integrity, and licensing topics for new reactors
- Participated on American Society of Mechanical Engineers (ASME) Code Committees and co-led a working group of NRC staff and contractors (including U.S. National Laboratories) to review and endorse ASME Section III, Division 5 for use by advanced reactor companies
- Supported the development of advanced reactor guidance and policy such as the NRC's Vision and Strategy, Implementation Action Plans, and Advanced Reactor Design Criteria (NRC Regulatory Guide 1.232)
- Collaborated with the NRC Office of Research, U.S. National Laboratories, and international regulators on materials-related research activities and bilateral meetings
- Primary technical reviewer for three materials-related portions of the NuScale Design Certification application, and lead reviewer for several Westinghouse AP1000 licensing actions
- Member of the NRC's Emergency Response Team

Metallurgist – Quality Assurance Department

June 2012 – June 2013

ATI Allegheny Ludlum – Specialty and Titanium Sheet

Louisville, Ohio

- Inspected material for defects, identified root causes, and dispositioned coils to meet customer requirements
- Collaborated with plant operations to improve quality and resolve issues

Education

The Ohio State University – B.S. Materials Science and Engineering

June 2012

General Business Minor, Graduated Cum Laude and with Honors in Engineering, Metallurgy Specialization

Publications, Media, and Testimony

Testimony

- House Financial Services Subcommittee on National Security, Illicit Finance, and International Financial Institutions, [“International Financing of Nuclear Energy,”](#) January 17, 2024
- Nuclear Regulatory Commission, [“Update on 10 C.F.R. Part 53 Licensing and Regulation of Advanced Nuclear Reactors,”](#) May 16, 2023

Policy Reports and Industry Contributions

Public Utility Commission of Texas

- [“Deploying a World-Renowned Advanced Nuclear Industry in Texas: Considerations and Recommendations for Action,”](#) Contributor, November 18, 2024

Articles and Thought Leadership

ClearPath

- [“New Nuclear Energy Needs New Licensing Process,”](#) March 16, 2023
- [“Nuclear Energy Policy Support Needs 4 Key Next Steps,”](#) February 15, 2023

RealClear Energy

- [“Building the Global Nuclear Energy Order Book,”](#) May 22, 2024

Academic Publications

- “Space Molten Salt Reactor Concept For Nuclear Electric Propulsion And Surface Power,” *The Journal of the British Interplanetary Society* (2012)
- “Space Molten Salt Reactor Concept For Nuclear Electric Propulsion And Surface Power,” *Nuclear and Emerging Technologies for Space* (2011)

Nicholas McMurray

Additional Relevant Experience

Member, Civil Nuclear Trade Advisory Committee (CINTAC)
U.S. Department of Commerce

2021 – Present

Member, Keystone Energy Board

2023 – Present

Delegation Member, Santa Fe Leadership Program

July 2022

- Member of four-person delegation to Japan to exchange ideas on nuclear energy, nonproliferation, electricity markets, energy security, geopolitics, and the U.S.-Japan relationship
- Visited Japanese government ministries, as well as the Federation of Electric Power Companies of Japan
- Toured the Rokkasho Reprocessing Plant and Fukushima Daiichi

Professional Affiliations

- American Society of Mechanical Engineers (ASME), Lifetime Member

Co-chair, ASME [Conference for Advanced Reactor Deployment](#)

February 2023 – March 2024

- American Nuclear Society (ANS), Lifetime Member