

Topics at the Japan Atomic Energy Commission (JAEC) meeting on July 12

Maria Korsnick, President and CEO, Nuclear Energy Institute (NEI)

- State of the industry
 - Paint the broad state of the industry in the United States and globally.
- Climate goals
 - The climate crisis is here, and nuclear energy is a valuable carbon-free solution to decarbonizing our electricity grid, as well as other sectors.
- Federal, state and local support
 - We're seeing support from the White House and Congress, as well as the momentum from the states in terms of policy and shifting perception.
- System affordability
 - We cannot only rely on wind and solar—we need nuclear as a partner to provide clean reliable electricity as the backbone of the grid.
- Energy security
 - Nuclear energy can allow countries to be more energy independent, and it is important that countries choose diplomatic partners when building new plants.
- Advanced reactor technology
 - Discuss the versatility of new designs to meet different energy needs.

- Demand for advanced designs
 - Talk about the international demand for advanced designs and the partnerships we are seeing to deploy these new reactors.
 - We performed a utility survey that demonstrated strong interest in building new SMRs.
- Second License renewals
 - As we strive to meet our climate goals, it is important to not lose the carbon-free power we already have.
 - Speak about SLR in the US.
- New builds
 - We need to be thoughtful and deliberate when planning new builds and be aware of the need for a robust supply chain and experienced workforce.
- INPO, NRC, NEI
 - Frame out the roles of INPO, NRC and NEI in safety oversight, lessons learned, etc.
- Risk informed regulation
 - Discuss NEI's work with risk-informed regulation and consider it as a tool in the path forward for nuclear in Japan.
- ATENA achievements
 - Mention some examples of ATENA achievements.
- Public perception
 - Public perception of nuclear is shifting—refer to studies and examples.

- Job creation
 - Speak about the coal to nuclear transition and how nuclear plants are positioned to be economic engines, through providing jobs and investing in communities.
- U.S.-Japan cooperation
 - Emphasize how the US is open to collaboration with Japan in many different aspects of the industry.
 - Express commitment to global energy security and decarbonization goals—and how nuclear can help propel us forward.