

Bob Coward, 2016-2017 ANS Vice President/President-Elect



***"Nuclear Power Looking Forward: the Opportunity and the Implications"***

May 18, 2017 at 5:30 p.m.

At [Dominion Innsbrook Technical Center](#), Glenn Allen, VA

**Topic:**

The energy markets are at a cross roads with significant disruption and serious questions regarding the direction forward. The role of nuclear power is a critical element of those decisions. This talk discusses the current situation, the opportunity in front of us, and the resulting implications as they relate to nuclear power in the US and worldwide.

**Speaker Biography:**

Bob Coward is Principal Officer of MPR Associates, a world leading Specialty Engineering and Technical Services Company, a position he was promoted to in January, 2009. In this overall MPR Leadership role, Bob is responsible for all aspects of MPR performance in all engineering disciplines and all business sectors. Prior to becoming Principal Officer, Bob was responsible for leading all of MPR's services to the nuclear power sector worldwide.

He graduated with honors from Duke University in 1983 with a degree in Mechanical Engineering, and his career has focused on the technical details of the design and evaluation of nuclear power plants, maintaining this focus as he transitioned to company leadership.

During his career at MPR, he has worked on over 100 electric generating plants worldwide, including 58 of the 65 US nuclear power plant sites. Through that work he has been on-site at 34 of the 65 US nuclear power plants. His specific expertise includes work in the areas of system performance, safety analysis, and project management, as well as the design and development of new nuclear power plants. Mr. Coward participates on the NEI Nuclear Strategic Issues Advisory Committee and Supplier Advisory Committee, and is recognized as a key industry leader in the safe and reliable operation of the existing US nuclear power plants. He has also had important and influential industry roles in the design, licensing and development of new nuclear power plants, with leadership roles on the EPRI Advanced Light Water Reactor Program, the DOE NP2010 Program, as well as leading the STP 3&4 project to construct two ABWRs at the STP site in Texas. He also has important senior advisory roles in the projects to prepare the Design Certification submittal for the NuScale SMR design and the ABWR Design Certification renewal.

As Principal Officer of MPR, Mr. Coward regularly engages with nuclear industry executive leadership to be knowledgeable of industry needs and guide MPR to address those challenges and contribute to industry success. Mr. Coward regularly serves on blue ribbon panels in support of clients and industry groups addressing important design, regulatory, and operational challenges regarding advanced reactor systems, extended power uprates, safety system performance, significant event evaluations, and new plant projects. A special skill is leading multi-organization and multi-discipline teams to achieve their missions and deliver excellence, with a focus on collaboration and teamwork.

Finally, a focus of Mr. Coward's efforts in his leadership role at MPR is the professional development of the MPR technical staff, including both technical expertise and leadership capabilities.

Bob is a registered Professional Engineer, and is Vice President/President-Elect (2016/2017) of the American Nuclear Society. He lives in Alexandria, VA with his wife Kelley. Together they have five children. He enjoys time on the golf course, basketball court, and beach, as well as a tough technical challenge.

**Schedule:**

- Social Hour - 5:30 p.m.
- Dinner - 6:00 p.m.
- Presentation - 6:45 p.m.
- Adjourn - 8:00 p.m.

Directions to the [Dominion Innsbrook Technical Center](#)

**COST:** Dinner: \$25 for VA-ANS Members (\$15 for VA-ANS student members, \$20 for student non-members, \$30 for VA-ANS Non-members). Cash Bar.

Reservations for the meeting need to be made by 4 p.m. on Monday, May 15, 2017. Please address any questions to VA-ANS [Nicole Waugh](#).