



## DINNER MEETING ANNOUNCEMENT

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

Speaker: **Robert Coward**, ANS Vice President / President-Elect

*Abstract:* The energy markets are at a crossroads 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.

*Biography:* please see next page.

**Place:** **National Museum of Nuclear Science & History, Albuquerque, NM**  
601 Eubank Blvd SE, Albuquerque, NM 87123 (505-245-2137)  
Exclusive access to museum and gift shop from 5:30pm to closing included.

**Directions:** From I-40, exit at Eubank Blvd (Exit 165) and proceed south on Eubank to its intersection with Southern Avenue SE (slightly more than 1 mile). The museum is on the southwest corner of Eubank and Southern (enter from the Eubank side).

**Date:** **May 5, 2017**

**Time:** **6:00** Social Hour with Cash Bar

**7:00** Buffet Dinner (catered by the Cooperage Restaurant of Albuquerque)  
(menu includes top sirloin medallions and poached salmon)

**7:45** Speaker

**Cost:** \$40 per person (by web sign-up in advance),  
\$45 per person (not pre-paid, at the door),  
\$20 for students and children

**We strongly encourage you to sign up and pay for this event by 1 May using the ANS Trinity PayPal payment account. Visit the "Calendar" page of our web site (<http://local.ans.org/trinity/calendar.html>) and select the appropriate payment button. You may use any credit card and do NOT need to have your own PayPal account to make the payment.**

**RSVP:** If you do not use on-line payment, please RSVP no later than 1 May to:  
Markku Koskelo: [mkoskelo@aquilagroup.com](mailto:mkoskelo@aquilagroup.com) (505-338-8083) or  
Kimberly Klain: [kclark@lanl.gov](mailto:kclark@lanl.gov) (505-665-1349)

*RSVP must be received by 1 May in order to give final numbers to the caterers. While we strongly encourage everyone to use on-line payment to sign up and prepay, an RSVP is a commitment to attend/pay at the door. We cannot afford "no shows" after the final count is given to the caterers, as the Section is partially subsidizing the cost of this event. If you cancel after 1 May, you will still be responsible for paying.*



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.