



**Trinity Section  
American Nuclear Society**

P. O. Box 5367, Albuquerque, NM 87185-5367  
<http://local.ans.org/trinity/>

**DINNER MEETING ANNOUNCEMENT**

***"US DOE Laboratories and the Remediation of Fukushima Dai-Ichi"***

**Speaker: Dr. Michael (Mikey) C. Brady Raap**  
*Vice President and President-Elect, American Nuclear Society*

Abstract: The Savannah River National Laboratory (SRNL) and Pacific Northwest National Laboratory (PNNL) have a contract agreement with Tokyo Electric Power Company (TEPCO) to provide technical assistance for the remediation of TEPCO's Fukushima Daiichi Nuclear Power Station. The DOE complex and specifically these two laboratories have significant experience in nuclear facility decontamination and decommissioning from nuclear material production remediation and cleanup efforts. The presentation discusses contributions by the laboratories in Waste Management, Analytical Labs, Damaged Fuel & Debris Disposition, Grouting and Sealing Technologies, Groundwater Control and Treatment and Community Revitalization.

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 9, 2014**
- Time:** **6:00** Social Hour with Cash Bar  
**7:00** Buffet Dinner (catered by the Cooperage Restaurant of Albuquerque)  
(menu includes top sirloin and poached salmon)  
**7:45** Speaker
- Cost:** \$35 per person [Trinity Section Member (and guest)] (by web sign-up),  
\$40 per person [non-Section Members and guests] (by web sign-up);  
\$45 per person at the door (not pre-paid);  
\$15 for students and children

We strongly encourage you to sign up and pay for this event using the ANS Trinity 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 5 May to:  
Markku Koskelo: [mkoskelo@aquilagroup.com](mailto:mkoskelo@aquilagroup.com) (505-338-8083) or  
CJ Solomon: [clll.solomon@gmail.com](mailto:clll.solomon@gmail.com) (505-695-8820)

RSVP must be received by 5 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 5 May, you will still be responsible for paying.

**Dr. Michaele (Mikey) Brady Raap**  
Biography

Dr. Michaele (Mikey) Brady Raap is a chief engineer with the Nuclear Systems Design, Engineering & Analysis Group within the National Security Directorate at the Pacific Northwest National Laboratory (PNNL) in Richland, Washington. She has more than 25 years of experience in nuclear and criticality safety for plutonium processing and spent fuel systems including the design and review of benchmark experiments, safety assessments at operating facilities and integrating safety-in-design.

Dr. Brady Raap has had extensive involvement with international and national nuclear organizations. She has been the Chair of the Organization for Economic Cooperation and Development (OECD / NEA) Nuclear Energy Agency, Expert Group on Burnup Credit Criticality for over 20 years. She has been a key contributor to Technical Coordination Meetings organized by the International Atomic Energy Agency (IAEA) related to burnup credit. Dr. Brady Raap is an active member of multiple American National Standards Institute / American Nuclear Society (ANSI/ANS) Working Groups and in International Standards Organization (ISO) standards development activities. She is currently the chairman of the OECD/NEA Working Party on Nuclear Criticality Safety (WPNCS) and a member of the DOE Nuclear Criticality Safety Support Group (CSSG).

Dr. Brady Raap has been an active member of the American Nuclear Society (ANS) since joining in 1985 and has held many leadership positions for ANS including the chairmanship of both the Reactor Physics and Nuclear Criticality Safety Divisions. She has served two terms on the ANS Board of Directors and as the Treasurer (2011-2013). Dr. Brady Raap currently the Vice-President/President-Elect (2013-2014) and will assume the role of President of the ANS in June 2014.

Prior to joining PNNL in 1999, she was with Duke Engineering Services Incorporated, Oak Ridge National Laboratory, and Sandia National Laboratories. She performed her dissertation research at Los Alamos National Laboratory. Dr. Brady Raap received her BS, MS and PhD in Nuclear Engineering from Texas A&M University.