



**Trinity Section
American Nuclear Society**

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

DINNER MEETING ANNOUNCEMENT

**“ANS Vision, Small Modular Reactors,
and other Nuclear Science and Technology Topics”**

Speaker: Donald R. Hoffman, ANS Vice President / President-Elect,
Founder, President and CEO of EXCEL Services Corporation

***Abstract:** Mr. Hoffman will address his vision and initiatives for ANS for the Future, the status and major activities related to Small Modular Reactors (SMRs) in the US and internationally, and the status and major activities related to new nuclear build in the global arena. ANS is going through a transformation, examining itself inside and out, to enhance member experience and have greater impact on nuclear science and technology. Several key initiatives are being addressed, including efforts to enhance international relevance, influence, and perception, especially now when major activities related to new nuclear build are ongoing in the global arena. Both as ANS Vice President/President-Elect and as Founder, President and CEO of Excel Services Corp., Mr. Hoffman has extensive business, technical, and international connections. Additionally, he holds senior advisory positions on the International Atomic Energy Agency (IAEA), the Western European Nuclear Regulators Association (WENRA) and the World Nuclear Association. His experience and connections as well as his current role in ANS provide a unique perspective on both the current status and the future of nuclear in the global arena.*

***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 3, 2013**
- Time:** **6:00** Social Hour with Cash Bar
7:00 Buffet Dinner (catered by the Cooperage Restaurant of Albuquerque)
(menu includes salads, top sirloin & garlic shrimp, pasta Sorento, vegetables, dessert)
7:45 Speaker
- Cost:** *\$35 per person, \$15 for students and children*

We strongly encourage you to sign up and pay for this event using the ANS Trinity on-line payment account. From the “Calendar” page (<http://local.ans.org/trinity/calendar.html>) select the appropriate payment button. You may use any credit card and do NOT need to have your own PayPal account.

RSVP: If you do not use on-line payment, please RSVP no later than April 30 to:
Markku Koskelo: mkoskelo@aquilagroup.com (505-338-8083) or
CJ Solomon: clll.solomon@gmail.com (505-695-8820)

RSVP must be received by 29 Apr 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 29 Apr, you will still be responsible for paying.

Donald R. Hoffman

Founder, President and CEO – EXCEL Services Corporation
Vice President/President Elect of the American Nuclear Society

Profile

Donald Hoffman founded EXCEL Services Corporation in 1985 to provide specialized professional services to nuclear utilities in the areas of licensing and regulatory support and Technical Specifications. In the twenty five years since the formation of the company, Donald's company has become recognized as the premier supplier of licensing, regulatory compliance and Technical Specifications services, and has extensive experience in successful negotiation regarding licensing and Technical Specification issues.

Although Donald, and his company EXCEL, are best known for its work in Technical Specifications, EXCEL has expanded its efforts to include:

- > **Operations, Maintenance, Engineering Support**
- > **Logic System Functional Testing Evaluation**
- > **24 Month Fuel Cycle Interval Extension GI-91-04**
- > **Fire Protection Appendix R Support**
- > **Procedure Upgrade**
- > **UFSAR Upgrade responding to 10 CFR 50.54.f**
- > **License Renewal**
- > **Power Uprate**
- > **Steam Generator Replacement**
- > **General Part 52**
- > **ITAAC**
- > **Combined Construction and Operating License**
- > **Early Site Permitting**
- > **Licensing for Fuel Enrichment Facility**
- > **Department of Energy Facilities Support**
- > **Licensing for Test Reactors both Domestic and International**
- > **Design and Licensing Basis Recovery Projects**
- > **Probability Risk Assessment and Risk Management**
- > **Licensing for the Yucca Mountain Repository**
- > **Decommissioning**
- > **Environmental Qualification Evaluations**
- > **Preventive Maintenance Optimization**
- > **Reliability/Availability Studies**

Internationally, Donald has continued to provide his unique regulatory and licensing expertise to those countries wishing to add the necessary rigor to their existing regulatory and licensing processes. These efforts have included such countries as South Africa, Germany, France, Sweden, Finland, Mexico, Australia and Canada. Additionally, he holds senior advisory positions on the International Atomic Energy Agency (IAEA), the Western European Nuclear Regulators Association (WENRA) and the World Nuclear Association.

Donald is uniquely qualified to manage large, complex licensing activities. During his 25 years of experience in managing conversions to the Improved Technical Specifications (ITS), fuel cycle extensions, and power uprates, he has developed the project management skills, technical expertise, and contacts with the NRC to efficiently and effectively manage any large-scale project to include the licensing of a Combined Operating License. His other major accomplishments include:

- > **UFSAR Projects**-Donald has a long history of working on UFSAR projects for operating plants and has been extensively involved in supporting UFSAR validation programs in response to the letters issued by the NRC regarding 10 CFR 50.54f.
- > **Improved Technical Specification (ITS) Efforts**-Donald has been involved in the industry ITS efforts since program inception and has worked with NEI, the Owners Groups, and the NRC in the development and licensing of the ITS. Seventy-four of the one hundred and four plants in the U.S. have converted to the ITS and Donald and his company have developed every one of them. Currently, Donald is supporting the following technical specification activities:
 1. Pressurized Water Reactor Owners Group (PWROG) ITS Working Group;
 2. Boiling Water Reactor Owners Group (BWROG) Technical Specification Issues Coordination Committee;
 3. Technical Coordinator of the Technical Specification Task Force (TSTF) and the Risk Informed Technical Specification Task Force (RITSTF);
 4. TSTF representative to LATF;
 5. Support of numerous NEI task forces.
- > **Technical Specification Traveler Process**-Donald has been an innovator in working with the industry and the NRC to ensure efficient and effective reviews of Technical Specification submittals. He conceived of, implemented and operates the highly successful "Traveler" system for making generic changes to the Improved Technical Specifications. As a result of his efforts, over 500 generic improvements have been developed, reviewed by the NRC and approved, and over 300 plant-specific amendments have been submitted based on the Traveler process.
- > **Extended Power Uprate**-EXCEL has supported 8 Power Uprate projects which have included support of calculations, engineering and licensing.
- > **License Renewal**-EXCEL has supported 11 License Renewal projects which have included project licensing.



- > **General Part 52/ITACC/COL/ESP**-EXCEL has extensive, current involvement with Part 52/ITACC/COL/ESP activities, which currently include: AP 1000, ESBWR, ABWR, EPR and PBMR.
- > **Probabilistic Risk Assessment For Nuclear Power Plants**-Donald has supported the integration of PRA Level 1 and Level 2 modeling support for nuclear power plants with specific emphasis on plant specific risk informed, performance based applications.

Experience and Skills

1985 – present

EXCEL SERVICES CORPORATION
Founder, President and CEO

1981 – 1985

US Nuclear Regulatory Commission
Senior Reactor Engineer/Section Chief
Standard Technical Specifications/Licensing
Section

1970-1979

US Navy-Nuclear Submarine Service
Engineering Officer/Senior Reactor Operator

Nationality

American

Language

English

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Nuclear Engineering Consulting