

Report from ANS & Post Election Wrap-Up: What does it mean for nuclear energy?

By

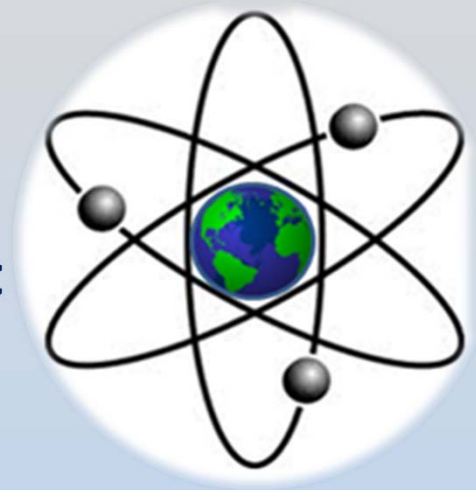
Donald R. Hoffman

Vice President & President-Elect

American Nuclear Society

President & CEO

EXCEL SERVICES CORPORATION



A Bit About Me

- 9 years in US Navy
- 5 years at NRC
- Nuclear industry



U.S. NRC
UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION
Protecting People and the Environment



EXCEL
SERVICES CORPORATION
Nuclear Engineering Consulting

A Bit About Me

- 1985 - EXCEL
- All 104 nuclear plants
- Global presence



Special Thanks

**DC ANS
Executive
Committee**



Topics Covered Today:

- Status in the US
- Impact of the Election
- ANS Update & Successes



US Update: New Builds

- Last year significantly advanced nuclear power in US
- Two new reactors licensed
- Some divisiveness in nuclear community, especially at Nuclear Regulatory Commission



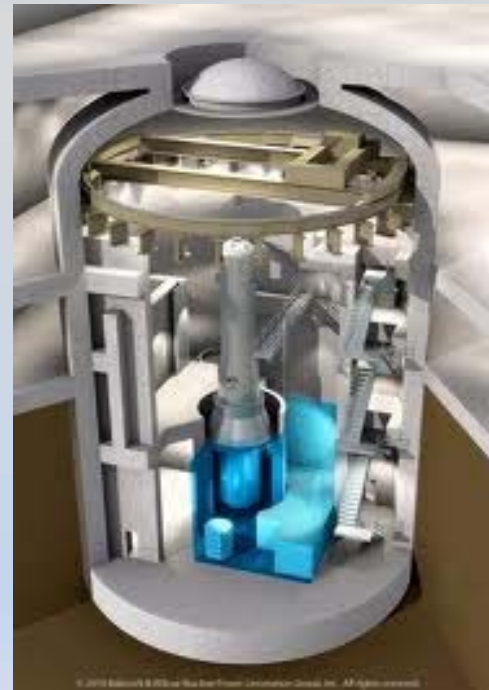
US Update: New Builds

- First new licenses issued in 30 years
- Two new plants licensed for construction in the southeast
- Represents a new chapter in US nuclear energy
- Not possible without ANS support and a knowledgeable local population



US Update: Technology

- Leading the world in development of SMR technology
- Important work in converting weapons uranium into fuel
- Fulfilling US role in nonproliferation



US: Current Snapshot

- Hurricane Sandy – plants easily withstood hurricane, but some still offline
- Any media or public concern about another Fukushima not realized



US: Current Snapshot

- Still challenges ahead –
Exelon profits down 50%
as a result of higher
nuclear fuel costs and
lower energy prices
- Waste Confidence Rule
study still pending



US Update: Elections

- Second Obama term will be adverse to increased fossil fuel use
- Continued support for wind and solar
- Hot/cold support for nuclear
- Unfortunately, cut funding for SMRs at Savannah River



US Update: Elections

- Balance of power has not changed
- Dysfunction and gridlock likely to continue



US Update: Elections Cont'd

- 2nd Obama Admin will remain declared supporter of nuclear
- Fiscal pressures will weigh on nuclear R&D
- Little forward progress on waste



Election & ANS: Yucca Mountain

Under Obama administration,
for political, not scientific nor
technical reasons, funding was
withdrawn from licensing
application



Election & ANS: Yucca Mountain

- Obama has withdrawn license application; NRC work has stopped
- U.S. Court of Appeals
- Court may very well order NRC to finish work on license in '13
- Further progress tough -Harry Reid still Majority Leader



ANS Successes: Yucca Mountain

- ANS recognized the importance of the site, and the technical importance of the licensing process
- President Loewen publicly objected, urging NRC commissioners to complete licensing process
 - Sent letters to commissioners
 - Letter covered in national media outlets



Yucca Nuclear Site Returns

Aug 26, 2011 12:34 PM EDT

Leading nuclear scientists are challenging the government's decision to abandon our only proposed nuclear waste repository, Daniel Stone reports exclusively.

Print Email Comments 38 +7 Tweet 29 Like 45

Yucca Mountain, long touted as the answer to the nation's nuclear waste problem, was canceled by the Obama administration in 2009. But now the country's leading group of nuclear scientists and engineers is demanding that the site be given another look.

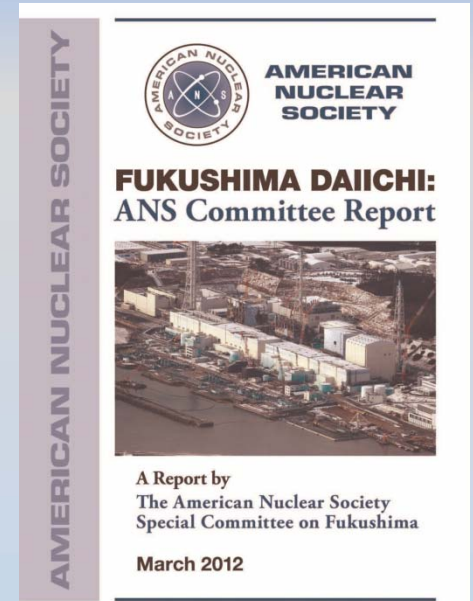
In a strongly worded letter obtained exclusively by The Daily Beast, Eric Loewen, president of the American Nuclear Society, this week urged the Nuclear Regulatory Commission to complete the agency's mandated review of the Yucca site that it started four years ago.

In a strongly worded letter obtained exclusively by The Daily Beast, Eric Loewen, president of the American Nuclear Society, this week urged the Nuclear Regulatory Commission to complete the agency's mandated review of the Yucca site that it started four years ago. Earlier this year, Obama's latest budget cut out its future, effectively leaving the site, about 100 miles northwest of Las Vegas, for dead.

The letter expresses our deep concern about the U.S. Nuclear Regulatory Commission's inability to complete its mandated review of the Yucca Mountain license application in a scientifically objective and technically sound manner. I urge you to tell NRC Chairman Greg Jaczko, "I urge you to complete the review of the Yucca Mountain license application by the Nuclear Waste Policy Act and complete

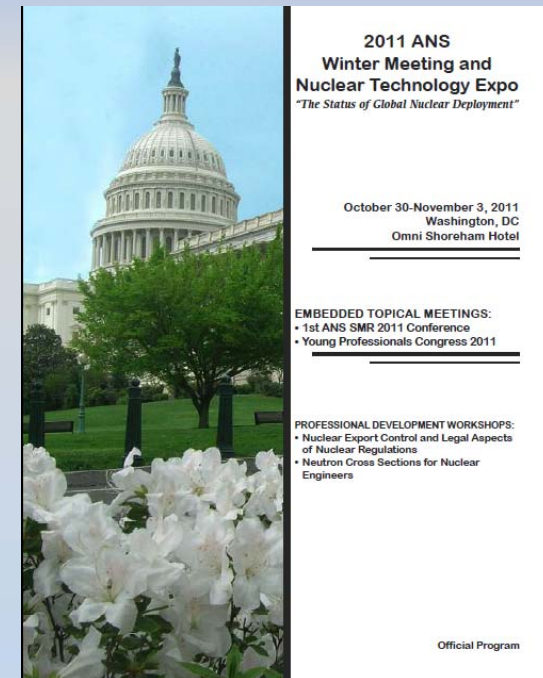
ANS Successes: Fukushima

- Issued Fukushima Report on 1st Anniversary
- Recognized world-wide
- Seminal resource for Scientists, Engineers, Students, Policy Makers, Citizens



ANS Successes: SMRs

- Remarkable opportunity for the future, both at home and abroad
- Proud to say I was Program Chair for SMR Conference at November, 2011 ANS Winter Meeting



*Eager to begin thinking about 75th
Anniversary of Fission!*



ANS Successes:

President's Session on Radiation

- Conducted at ANS Annual Meeting in June 2012
- Issued a report focusing on Linear No Threshold model
- Questioned the validity of assumptions





ANS Successes: President's Session on Radiation

- Suggested more realistic approach to
 - Address health
 - Mitigate hazards
 - Set appropriate limits for sensible and realistic avoidance of radiation exposure



ANS Successes: International Support

- Society supports robust international sections
- I've recently visited local sections in Austria, France, and India





ANS Successes: Other International Support

I represented ANS as
ANS Vice President/President-
elect at IAEA



ANS Successes:

Other International Support

As ANS Vice President,
President-elect, I served
as General Chair for the
Middle East and North
African New Nuclear
Build Conference in
Dubai



My Contribution to ANS

- Lifetime member since 1981, Organization member since 1986
- Member, Board of Directors, 1998-99, 2010- present
- Public Education Program Board of Trustees, 1992-2007
- Chair, Special Committee on Business Advisory, 1996-2000
- Vice President/President Elect 2012-2013
- Member of the following committees, 1996-2004: Finance, Membership, International and Public Policy
- Chair, Professional Divisions Committee, 2000-2010
- Chair, Special Committee on Young Member Development
- Vice Chair, Special Committee on Development, 2007-2009
- President, Eagle Alliance, 2007-Present
- Member, Special Committee on Utility Integration & Integration Oversight, 2007-present
- Member, Finance Committee, 2010-present
- Chair, Board Special Committee on ANS Transformation, 2010-2011
- Chair, Membership Committee, 2009-Present
- General Chair, 1996 ANS/ENS International Winter Meeting
- General Chair, 1998 ANS Meeting of the Americas
- Technical Program Chair, 1st ANS SMR Conference, 2011
- Participated in Infrastructure I, Infrastructure II, and Infrastructure III initiatives.
- Involved in numerous activities and initiatives to enhance the value and operation of the ANS.



My Vision for ANS: 2012-2014

My Plan as VP/President Elect

One: *Strategic Plan Implementation/Integration*

- Manage strategic plan implementation/integration
- Ensure all ANS constituent units support and integrate plan consistently
- Create goals, metrics
- Drive ANS financial sustainability through Strategic Plan



My Vision for ANS: 2012-2014

My Plan as VP/President Elect

Status:

- 1) Working with Planning Committee and other ANS Committees to plan the consistent implementation and integration of Strategic Plan and the development of metrics and goals



My Vision for ANS: 2012-2014

My Plan as VP/President Elect

Status:

- 2) Working with Treasurer and Finance Committee to provide for financial sustainability while still investing in ANS (like a business) to ensure our relevance/credibility and providing value to our members



My Vision for ANS: 2012-2014

My Plan as VP/President Elect

Two: *Membership Development*

- Open ANS to ALL NS&T Professionals
- Incorporate ALL Local Section Members into National
- Create new membership category, dues structure
- Enhance membership experience through offerings/value
- “15 by 15” – 15,000 members by 2015





My Vision for ANS: 2012-2014

My Plan as VP/President Elect

Status:

- 1) Working with Membership Committee to roll out new Membership Development in early 2013





My Vision for ANS: 2012-2014

My Plan as VP/President Elect

Three: *Advance Special Committee on Utilities Integration*

- Expand concept to other constituent groups; e.g., reactor vendors, suppliers
- Leverage possible coordination of ANS events with other organizations




My Vision for ANS: 2012-2014

My Plan as VP/President Elect

Status:

- 1) Working closely with the Special Committee on Utilities Integration
- 2) Planning to establish Special Committees for:
 - a) National Labs
 - b) NSSS Vendor
 - c) Nuclear Suppliers
- 3) Working with HPS, WNA, ENS, NAS, ASME and others to better integrate our events





My Vision for ANS: 2012-2014

My Plan as VP/ President Elect

Four: *Advance relationships with government organizations through ANS Washington office and other Committees (CINTAC)*






My Vision for ANS: 2012-2014

My Plan as VP/President Elect

Status:

- 1) Working with ANS Washington office to establish closer connections with Congress and all governmental offices





My Vision for ANS: 2012-2014

My Plan as VP/ President Elect

Five: *Work with new Executive Director to streamline and improve governance and performance and increase transparency*





My Vision for ANS: 2012-2014

My Plan as VP/President Elect

Status:

- 1) Working with new ED to identify more efficient means of ANS Staff conducting business and the development of processes and procedures for all activities so the mechanics of ANS conduct of business are base lined and transparent



My Vision for ANS: 2012-2014

My Plan as VP/ President Elect

Six: *Support fundraising efforts for Center for Nuclear Science and Technology Information*





My Vision for ANS: 2012-2014

My Plan as VP/President Elect

Status:

- 1) Identifying and calling on potential donors



My Vision for ANS: 2012-2014

My Plan as VP/ President Elect

Seven: *Fiscal and financial management*

- Establish new revenue streams
- Maintain overall costs
- Ensure sustainability of ANS



My Vision for ANS: 2012-2014

My Plan as VP/President Elect

Status:

- 1) Evaluating new ANS revenue streams such as:
 - a) Meeting coordination
 - b) International outreach
 - c) International Society support and governance
- 2) Evaluating current costs versus value to determine new courses of action






My Vision for ANS: 2012-2014

My Plan as VP/President Elect

Status:

- 3) Evaluating revenue and expenditures versus the level of member satisfaction





My Vision for ANS: 2012-2014

My Plan as VP/ President Elect

Eight: *Expand Member Participation*

- Enhance clear path for all members to participate in leadership and governance
 - National Society
 - Professional Divisions
 - Local Sections
 - Student Sections
 - Standards Working Groups





My Vision for ANS: 2012-2014

My Plan as VP/President Elect

Status:

- 1) Identification and removal of impediments to Members participating in all levels of leadership and governance of Society
- 2) Advertising at all levels of opportunities for service to Society



My Vision for ANS: 2012-2014

My Plan as VP/ President Elect

Nine: *Enhance international relevance, influence and perception*

- Support ANS growth globally





My Vision for ANS: 2012-2014

My Plan as VP/President Elect

Status:

Have visited following countries since July 1, 2012.
Spoke to nuclear industry and government leaders
and Nuclear Society

Mexico, UK, Saudi Arabia, United Arab Emirates,
Turkey, Thailand, Malaysia, Vietnam, India, South
Korea, China, Austria, France





My Vision for ANS: 2012-2014

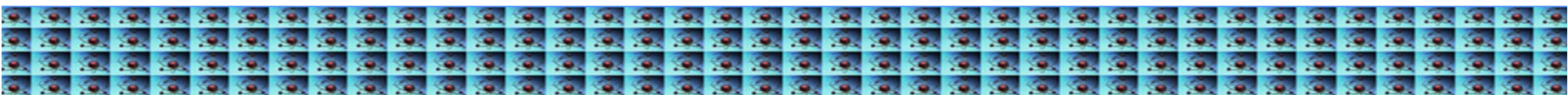
My Plan as VP/President Elect

Status:

Met with and presented to following International Local Sections:

- Latin American Local Section
- Austria Local Section
- French Local Section
- India Local Section





My Vision for ANS: 2012-2014

My Plan as VP/ President Elect

Ten: *Support current initiatives*

- Support President Corradini's priorities
- CNSTI – Rollout and promote Center, support fundraising, make CNSTI functional and visible within and outside ANS
- Support external education, outreach and communication generally



AMERICAN NUCLEAR SOCIETY
Center for Nuclear Science
and Technology Information





My Vision for ANS: 2012-2014

My Plan as VP/President Elect

Status:

- 1) Supporting presentations regarding the center and discussing pledges with industry leadership
- 2) Support outreach and public information efforts through ANS and personally



My Vision for ANS: 2012-2014

My Plan as VP/ President Elect

Eleven:

*Make ANS
the
“Society of Choice”
for
ALL*



NS&T professionals



My Vision for ANS: 2012-2014

My Plan as VP/President Elect

Status:

- 1) Planning meeting with other relevant organizations to assist in planning to this goal

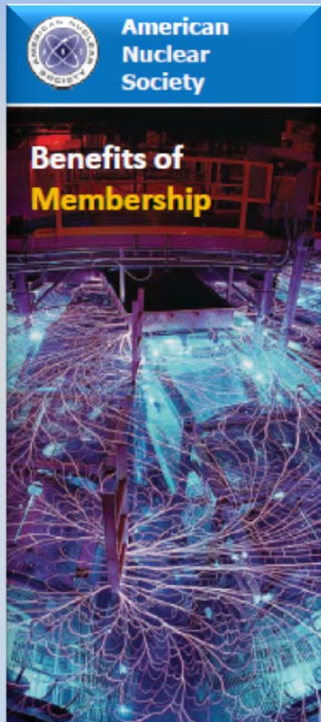


Join ANS!

Serve!

Do your part, and
Be a part of the solution!

JOIN ANS TODAY!



Thank you.

