Nuclear Engineering Program
The Ohio State University

Special Seminar
Friday, May 15, 2009

NUCLEAR POWER:
A CLEAN AND SUSTAINABLE ENERGY SOURCE

Mr. Michael W. Rencheck
President and Chief Executive Officer
AREVA NP, Inc.

3:30 – 4:15 pm, Friday, May 15, 2009
Scott Laboratory E141

Three critical issues face the United States and the world: global warming, the growth in energy need and the urgent need for certainty of energy supply. While many aspire to the use of "green" energy sources, like wind and solar power, the reality is the world continues to turn to carbon dioxide based energy sources for power - especially natural gas and coal. Meanwhile nuclear power, a major, sustainable, safe, proven energy source is ignored. Worse yet efforts are actively made to eliminate it as an option to help us all out of this situation. In contrast, the balance of the world sees the true value of this clean nuclear energy source. Finland, England, France, China, Korea, the United Arab Emirates, South Africa, India, Canada are all turning to nuclear power to bridge the gap from their current carbon based economies to a long term sustainable energy future.

AREVA is the world leader in providing this clean, safe and sustainable energy source. And Mike Rencheck is the leader of AREVA's North American Power sector. Mike will discuss why only AREVA can say "Made in the USA", say "we have solved the used fuel issue - today, through recycling", say "we are building four GEN III+ nuclear power plants - today", and say, "we are investing in mines, enrichment, heavy steel manufacturing, engineering, long term fuel storage, and new plant design and construction in the US necessary to support this sustainable, clean future." AREVA has a powerful story to tell as its works to help the world in this uncertain time. Mike will tell that story from his perspective as a nuclear engineer, operating executive at several nuclear power plants, chief nuclear officer for AEP, and most recently as the US CEO of the world's largest and most successful supplier of nuclear power.

Bio: Michael W. Rencheck is president and CEO, AREVA NP, Inc. Previously, Mr. Rencheck was senior vice president and chief nuclear officer, responsible for oversight of American Electric Power's Nuclear Generation Group (D.C. Cook Nuclear Plant). At AEP, he also served as senior VP for Engineering, Projects and Field Services and senior VP for Engineering, Technical and Environmental Services, among other positions he held. Mr. Rencheck was also president of AEP ProServ from November 2002 to May 2003.

Rencheck has a master's degree in management and computer information systems from Robert Morris University in Coraopolis, Pa., and a bachelor's degree in electrical engineering from Ohio Northern University. He is a PE in eight states and a certified senior reactor operator.

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NUCLEAR POWER EXPANSION AROUND THE WORLD

Mr. Ted Quinn
Past President of the American Nuclear Society

4:15 – 5:00 pm
Friday, May 15, 2009
Scott Laboratory E141

This presentation will address the opportunities and challenges for nuclear power expansion around the world as well as in the United States. Key focus areas include the supply chain needs for both people and materials necessary for nuclear power to make a significant contribution to the energy needs and reductions in carbon emissions in the coming years.

Bio:

Mr. Edward (Ted) Quinn, is Vice President of Longenecker and Associates, and Past President of the American Nuclear Society. He is currently licensing manager for the instrumentation and control delivery from Invensys Process Systems for four new nuclear units in China that have already begun construction. Mr. Quinn is also a guest lecturer at the MIT Summer Reactor Safety Course since 1993 and is the primary instructor for the NRC Digital Training Programs since 2003. He is the Chair of IEC Standards Committee SC45A WGA9 Instrumentation. He has been involved in naval and commercial nuclear energy for over 30 years. Mr. Quinn holds a B.S. in Electrical Engineering from Tufts University and a Masters in Management from Rensselaer Polytechnic Institute.

Hosted by: Professor Tunc Aldemir, 292-4627, aldemir.1@osu.edu