



# AMERICAN NUCLEAR SOCIETY

## Oak Ridge/Knoxville Section

P.O. Box 5075, Oak Ridge, TN 37831-5075

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To All:

The December 2004 Dinner Meeting will be held as follows:

**Date:** December 7, 2004  
**Location:** Rothchild Catering & Conference Center  
8807 Kingston Pike, Knoxville  
**Time:** Social at 6:00, Dinner at 6:30, and Speaker at 7:30  
**Cost:** \$15.00 per person and free for Full-Time University of Tennessee Nuclear Engineering students with reservation  
**Speaker:** Dr. David J. Hill

### **Program Description: *Energy & Prosperity***

The linkages of energy, prosperity, and climate change will be discussed. This discussion will be used to introduce the breadth of activities at Oak Ridge National Laboratory in Energy – related research from fusion to energy efficiency and how they contribute to defining a path to a sustainable energy future for the US and the world.



Dave Hill is the Associate Laboratory Director for Energy and Engineering Sciences at Oak Ridge National Laboratory (ORNL) in Oak Ridge, Tennessee. He has held the position since February 2004. The Energy and Engineering Sciences Directorate executes over 250 M\$ of programs for a variety of government and industrial sponsors in every aspect of energy technology. He was previously Director of the Nuclear Science and Technology Division at ORNL. He came to ORNL from Argonne National Laboratory (ANL) in July 2002, where he was Deputy Associate Laboratory Director of Engineering Research. He previously held positions at Argonne as Director, Reactor Analysis and Engineering Division; Director, Reactor Engineering Division; and Director, International Nuclear Safety Center.

An internationally acknowledged expert on nuclear reactor and fuel cycle issues, Dr. Hill has extensive experience in the area of international nuclear matters, working both with the countries of Western Europe and the countries of the Former Soviet Union, especially Russia. He was a member of the U.S. Department of Energy delegation for negotiations with the Russian Federation on proliferation-resistant fuel cycle technologies in 2000 and on advanced nuclear technologies in 2002. He is currently the chair of the Science Committee's Working Party on Partitioning and Transmutation, a group within the Office of Economic Cooperation and Development's Nuclear Energy Agency. He represents the U.S. government as a member of the Nuclear Safety Advisory Group for the Korean Peninsula Energy Development Organization. He is also chair of the American Nuclear Society Special Committee on Isotope Assurance.

He was the recipient of the University of Chicago Award for Distinguished Performance at Argonne National Laboratory (1993) and the Argonne National Laboratory Director's Award (1998).

Dr. Hill received his Ph.D. in mathematical physics from Imperial College of Science and Technology, London University, in February 1974 and was the recipient of a Science Research Council Postdoctoral Research Fellowship at the University of Southampton from 1973 to 1976, where he conducted research in semiconductor physics. He then joined the United Kingdom Atomic Energy Authority at Winfrith in Dorset, United Kingdom. From 1980 to 1982, he worked with ANL, managing a joint U.S./U.K. experimental program on reactor safety known as PFR/TREAT. In 1983, he returned to Winfrith and ultimately joined ANL in 1984. He received an M.B.A. (Honors) from the Graduate School of Business, University of Chicago, in 1995.

**Menu:** Buffet style of dinner

- Mixed green salad with choice of dressing on the side.
- Baked ham with brown sugar glaze with grilled pineapple rings.
- Baked chicken with a light cream sauce.
- Sweet potato casserole
- Rice pilaf
- Steamed green beans
- Hot- spiced apples with cinnamon and brown sugar.
- Assorted pies for dessert on the buffet

**Beverages:**

- Ice tea, water, coffee and decaf are included
- Cash bar available

**RSVP:**

- to Brad Rearden by 12 noon Friday December 3, 2004
- e-mail: reardenb@ornl.gov
- work: 574-6085