

**Nuclear Energy Research Advisory Committee (NERAC)  
Meeting of November 3 and 4, 2003  
Crowne Plaza Washington National Airport  
1489 Jefferson Davis Highway  
Crystal City, Virginia**

**Agenda**

**Monday, November 3**

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|----------------------|---|--|
| <b>9:00 – 9:15</b>   | Registration  |  |
| <b>9:15 – 9:30</b>   | Welcome/Opening Remarks   | Bill Magwood                                     |
|                      | Introduction of Members – All   |  |
| <b>9:30 – 9:45</b>   | NERAC Status and Charter  | Mark Roth  |
| <b>9:45 – 10:15</b>  | NE Program Status and FY04 Budget   | Bill Magwood                                     |
| <b>10:15 – 10:30</b> | NERAC, the President’s Climate Change Initiative and the Role of Nuclear Power: Setting the Stage   | William Martin                                   |
| <b>10:30 – 10:45</b> | Break   |  |
| <b>10:45 – 11:45</b> | EIA Presentation on Data, Assumptions and Modeling  | Howard Gruenspecht                               |
| <b>11:45 – 12:00</b> | Break   |  |
| <b>12:00 – 2:00</b>  | Working Lunch - Dynamic Simulation of Energy and Environmental Policies: The Role of Nuclear  | Dr. Arnold Baker                                 |
| <b>2:00 – 3:00</b>   | “What Have We Learned? Where Do We Go From Here?”   | Dr. John Ahearne                                 |
| <b>3:00 – 6:00</b>   | Presentation and Discussion of Subcommittee Reports and Other Items of Business   | Dr. John Ahearne<br>Mark Roth<br>Dr. Robert Long |
|                      | <ul style="list-style-type: none"><li>• Idaho Infrastructure Task Force</li><li>• Presentation: <i>Introduction to Nuclear Engineering – A Web-Based Course Paradigm</i></li><li>• Presentation on status of DOE/EPA effort</li></ul> | Dr. Michael Corradini<br>Chuck Wade              |

- Establishment of Independent Subcommittee to Evaluate NE Programs
- Afternoon Break as convenient

**6:00** Adjourn

**6:30** Dinner

Speaker – Professor Ernest J. Moniz, Director of Energy Studies, Laboratory for Energy and the Environment, Massachusetts Institute of Technology

### **Tuesday, November 4**

**9:00 – 10:30** Continue Monday afternoon discussions

Dr. John Ahearne  
Mark Roth

- Report of the Subcommittee on Advanced Nuclear Transformation Technologies

Dr. Burton Richter

**10:30 – 10:45** Break

**10:45 – 12:00** Open Committee Discussion

William Martin

**12:00 – 12:30** Public Discussion Period

Mark Roth

**12:30 – 1:00** Wrap-up, next steps and adjourn. (No lunch served on Tuesday)

- Scheduling of next meetings

## NUCLEAR ENERGY RESEARCH ADVISORY COMMITTEE MEMBERS

William F. Martin, Chairman	Washington Policy and Analysis <sup>1</sup>
John Ahearne, Vice Chairman	Sigma Xi and Duke University
Silvia S. Jurrison	University of Missouri <sup>1</sup>
Corbin McNeill	Exelon Corporation (retired) <sup>1</sup>
Richard A. Meserve	Carnegie Institution of Washington <sup>1</sup>
Harold B. Ray	Southern California Edison <sup>1</sup>
Michael B. Sellman	Nuclear Management Corporation <sup>1</sup>
Jerry Paul	Florida House of Representatives <sup>1</sup>
Thomas B. Cochran	National Resources Defense Council
Joseph R. Comfort	University of Arizona
Michael L. Corradini	University of Wisconsin
Jose Luis M. Cortez	University of Texas
Allen G. Croff	Oak Ridge National Laboratory
Marvin S. Fertel	Nuclear Energy Institute
Steve Fetter	University of Maryland
Beverly K. Hartline	Argonne National Laboratory (retired)
Andrew C. Klein	Oregon State University
Dale E. Klein	Department of Defense
Robert L. Long	Nuclear Stewardship, LLC
Warren F. Miller	Los Alamos National Laboratory (retired)
Sekazi K. Mtingwa	Harvard University
Richard Reba	Georgetown University
Joy Lynn Rempe	Idaho National Engineering and Environmental Laboratory
Allen L. Sessoms	Delaware State University
Daniel C. Sullivan	National Cancer Institute
Charles E. Till	Argonne National Laboratory (retired)
Neil E. Todreas	Massachusetts Institute of Technology

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<sup>1</sup> New members appointed to NERAC by Secretary Abraham.