

Appendix A

NERI Workshop Agenda

Nuclear Energy Research Initiative Workshop Agenda

April 23-24, 1998

Washington, D.C.

Program Committee:

Dr. John Ahearne, Chairman, Adjunct Professor, Duke University & Director, Sigma Xi Center

Dr. John Taylor, Co-Chairman, Vice President Emeritus, Electric Power Research Institute

Dr. Neil Todreas, KEPCO Professor of Nuclear Engineering, Massachusetts Institute of Technology

Dr. John W. Herczeg, Technical Director, Department of Energy, Office of Nuclear Energy, Science and Technology

Dr. Robert Marianelli, Department of Energy, Office of Energy Research

Dr. Robert Schock, Lawrence Livermore National Laboratory

April 23 - Day One

NERI Workshop

7:30 AM Registration & Buffet Breakfast

8:30 Welcome & Introductory Remarks

Dr. Terry R. Lash

8:35 Opening Remarks from the Program Committee Chairman & the Under Secretary of Department of Energy

Dr. John Ahearne & Dr. Ernest J. Moniz

8:45 Congressional Perspective on Nuclear R&D

Rep. Joseph Knollenberg

9:15 The Importance of a Federal Nuclear Energy R&D Program

Dr. Artie Bienenstock

9:35 Lessons Learned from the Fusion Program Restructuring

Dr. N. Anne Davies

10:00 20 minute break

10:20 General Session - NERI

Program Committee

11:30 Lunch - Buffet - Carry to Working Group Breakout Rooms

12:00-2:00 Breakout Session 1: Working Groups 1-5 Meet in Breakout Rooms

Working Group 1: Proliferation-Resistant Reactors and Fuel Technology

Working Group 2: New Reactor Designs with Higher Efficiency, Lower Cost, and Improved Safety to Compete in the Global Market

Working Group 3: Lower-Output Reactors

Working Group 4: New Technologies for On-Site and Surface Storage and Permanent Disposal of Nuclear Waste

Working Group 5: High Efficiency Nuclear Fuel (ultra-high burnup)

2:00 A New Direction for DOE Nuclear Energy R&D

Dr. Ernest J. Moniz

2:30 Return to Working Group Breakout Rooms

5:30 Panel Chairs Report to Program Committee - Direction and Progress

5:30-7:00 Reception

April 24 - Day Two

NERI Workshop

8:00AM Breakfast Buffet

8:30 Breakout Sessions continued: Working Groups 1-5

12:00 Lunch - Working Lunch for Program Committee & Panel Chairs

1:00 PM Working Group 1 Presentation

1:30 Working Group 2 Presentation

2:00 Working Group 3 Presentation

2:30 Working Group 4 Presentation

3:00 Working Group 5 Presentation

3:30 Program Committee & Panel Chairs Round Table

4:45 Next Steps - all

5:00 Adjourn Meeting