

Energy Options for the Future

Hosted at the Naval Research Laboratory

11 & 12 March 2004

- Market driven development of energy has been successful so far
- But, major depletion of the more readily accessible (inexpensive) resources will occur in this century
- Impacts of environmental concerns will increase

- It is prudent to continue having a portfolio of options for energy
- This presumably requires research, invention and development **in time** to exploit new sources when they are needed.
- How much time do we have?
- How should relatively long development time efforts like fusion fit in?

11 March Agenda

Morning Session

Energy Projections	John Sheffield	<i>Senior Fellow, Joint Institute for Energy and Environment</i>
CCTP	David Conover	<i>Director, Climate Change Technology Program</i>
Coal & Gas	Rita Bajura	<i>Director, National Energy Technology Laboratory</i>
Oil	David Green	<i>Corp. Fellow, National Transportation Research Center, ORNL</i>
Energy Efficiency	Marilyn Brown	<i>Director, Energy Efficiency and Renewable Energy Prog., ORNL</i>

Lunch in Friedman Room 12:10-1:00

Afternoon Session

Renewables	Eldon Boes	<i>Director, Energy Analysis Office, NREL</i>
Nuclear	Kathryn McCarthy	<i>Director, Nuclear Science & Engineering, INEEL</i>
Power Industry Perspective	David Christian	<i>Senior Vice President, Dominion Resources Inc.</i>
Paths to Fusion Power	Stephen Dean	<i>President, Fusion Power Associates</i>

11 March Agenda continued

Energy Options Discussions (30 min)

John Sheffield (*JIEE*) & John Soures (*LLE*)

[Tour of Nike and Electra facilities](#)

John Sethian & Andrew Mostovych (*NRL*)

March 12 Workshop and Discussions Room 113.

How do nuclear and renewable power plants emit greenhouse gases?

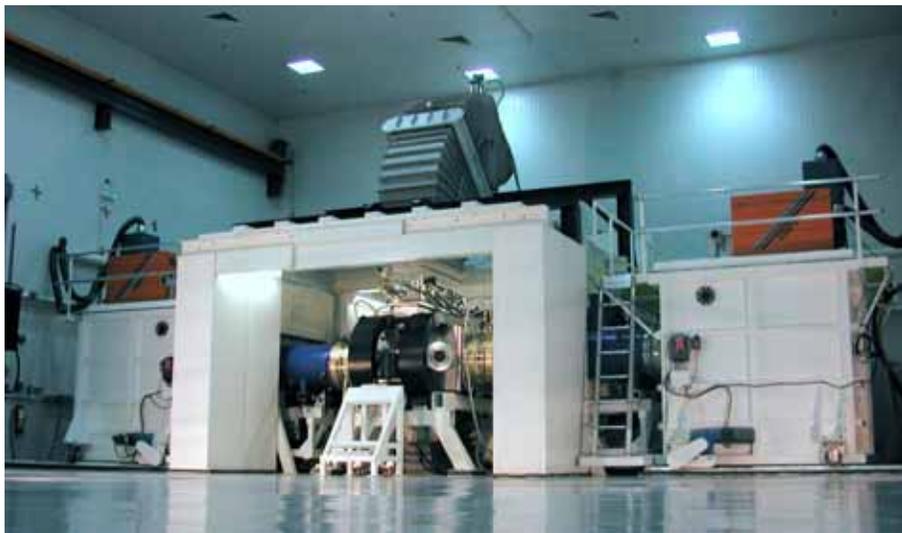
Jerry Kulcinski (*Director, Fusion Technology Institute, U. of Wisconsin*)

Energy Options for the Future discussion (2 Hours)

John Sheffield & Jerry Kulcinski

11:30AM Adjourn

Attend the Nike-Electra Tour!



High energy & high rep rate
KrF laser systems



Also an exhibit of LLNL's DPSS laser technology!