



*U.S. Department of Energy's  
Office of Science*

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*Fusion Science Center Initiative*

Fusion Energy Science Advisory Committee



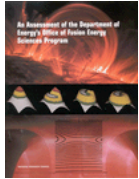
**Dr. John Willis**  
Director, Research Division

*July 31, 2003*

[www.ofes.fusion.doe.gov](http://www.ofes.fusion.doe.gov)

## *Fusion Science Center Initiative*

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Recommendation of the National Research Council Report  
“An Assessment of the Department of Energy’s Office of  
Fusion energy Sciences Program”

- o *“Several new centers, selected through a competitive peer-review process and devoted to exploring the frontiers of fusion science, are needed for both scientific and institutional reasons.”*
  - Help establish links to the broader scientific community
  - Strong educational component

## *Fusion Science Center Description*

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- o Focus of Center initiative is on areas of fundamental importance to Fusion Plasma Science
- o \$2 Million in FY 2004 Funding for Fusion Science Centers
  - One to two centers possible
  - Host institution is expected to provide at least 15% cost sharing
  - Center expected to host workshops and summer schools
- o Grant duration of 5 years with possible 5 year renewal
- o Center will be a University based Center of Excellence with possibility of up to 20% of funding going to a National Laboratory(s) partner

## *Phased Review Process*

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- o Federal Register Notice ~ August 15, 2003
- o October 15, 2003 Letter of Intent Requested, but not required
- o December 1, 2003 receipt of Preliminary Applications for review by panel
- o January 15, 2004 Full Applicants are selected from Preliminary Applications
- o March 1, 2004 Deadline for receipt of Full Applications
- o April, 2004 Panel Review of Full Applications, including oral presentation by proposed key Center participants
- o May 2004 Fusion Science Center Awards

## *Phased Review Criteria*

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- o Scientific and Technical Merit
- o Clear evidence of collaborative work
- o Extent to which the Fusion Science Center would address difficult problems requiring a team effort
- o Emphasize synergy of collaborations facilitated by the Center
- o Clear evidence of scientific leadership
- o Plans to manage the integrated activities and communicate the relevance and scientific impact of Center's work