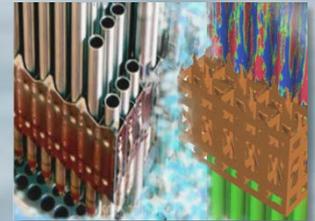
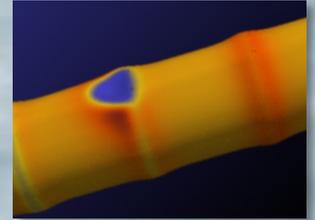
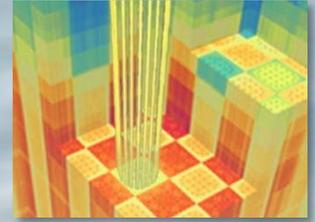


DOE Annual Review – Request for Statements from IC and SC

CASL Joint Industry Council / Science Council Meeting

Oak Ridge National Laboratory
Oct 11, 2016



The Consortium for Advanced
Simulation of LWRs
A DOE Energy Innovation Hub



U.S. DEPARTMENT OF
ENERGY

DOE Annual Review Process

- The DOE Office of Nuclear Energy performs an annual review of CASL to ensure that the program is performance is acceptable.
- The review team includes:
 - Federal Reviewers from DOE/NE and DOE/SC Advanced Scientific Computing Research
 - Universities
 - Industry
 - National Laboratories
 - Observers from the NRC
- Review Schedule:

Date	Action	Responsibility
October 28, 2016	Submit Electronic Draft Annual Report to the NE Review Team	CASL
November 11, 2016	Submit Questions and Comments to Review Coordinator	Review Team
November 16 or 17, 2016	Participate in Conference Call to Discuss Review Team Questions and Comments	Review Team
November 18, 2016	Provide Review Team Questions and Comments to CASL	Review Coordinator
December 12, 2016	Presentation of the CASL Annual Report to NE	CASL
December 15, 2016	Deliver Final Review Observations, Comments and Recommendations	Review Team
December 21, 2016	Delivery of the Consolidated NE 2015 Review Report of CASL	Review Coordinator

Review Questions and Criteria

- **End User Impact**

- Does the CASL annual report describe the impact the virtual reactor modeling and simulation tools are having on the intended end users (e.g. nuclear energy technology vendors and utilities)?
- Do you have recommendations that could increase the impact of the CASL tools on end users?

- **Science and Engineering Impact**

- Has the research conducted by CASL contributed to advancing the state of the art in nuclear energy science and engineering?
- Can this also be said for advanced computer and modeling and simulation technologies?

- **Education and Workforce Development**

- Did CASL activities make a contribution to strengthening nuclear energy and computer science education and workforce training?
- Do you have any recommendations for how those activities could have a greater impact?

- **Preserving Taxpayer Investment**

- Did CASL take actions to ensure that the value of taxpayer's investments in CASL developed technologies would extend beyond the lifetime of the Energy Innovation Hub program?
- Do you have any recommendations for how those activities could be improved to have greater impact?

Industry Council/Science Council Statements

- In last year's reports, "certification" statements were included from each council.
- This year, we would like each council to provide input from their perspective on CASL's research, progress and results based on:
 - Industry Council meeting presentations and interactions with CASL
 - Science Council meetings with Focus Areas, reviews of technical reports, and the IC/SC meeting
- Each council has time on Wednesday to discuss the approach to developing the statement
- A draft copy of the 2016 Annual Report will be provided.
- The final statements will be needed by October 21, 2016.



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