

September 18, 2015

Dr. Patricia M. Dehmer
Acting Director, Office of Science
U.S. Department of Energy
Washington, DC, 20585

ASCAC Exascale Computing Initiative Review

Dear Dr. Dehmer,

On behalf of the Advanced Scientific Computing Advisory Committee (ASCAC) and its Exascale Computing Initiative Review Subcommittee, chaired by Daniel Reed of the University of Iowa, I am pleased to convey our final report in response to your charge of November 19, 2014.

The subcommittee included experts in high performance computing with experience leading national and international large computing projects. The subcommittee conducted a detailed review of the conceptual design for the Exascale Computing Initiative. The enclosed review report contains their analysis and conclusions and was accepted unanimously by ASCAC at our July 27, 2015 meeting.

ASCAC is grateful to the subcommittee members for their generous offering of time and expertise in conducting this review. We hope that it will be helpful to the Office of Science and the Department of Energy in leading and managing the Exascale Computing Initiative.

Sincerely,

A handwritten signature in blue ink that reads "Roscoe C. Giles".

Dr. Roscoe C. Giles
Chair, Advanced Scientific Computing Advisory Committee
Department of Electrical and Computer Engineering &
Center for Computational Science
Boston University

CC: Dr. Steven Binkley
Associate Director, Office of Advanced Scientific Computing Research
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Christine Chalk,
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