

Towards a New Spallation Neutron Source in the US: The Oak Ridge SNS Collaboration*

B.R. APPLETON, J.B. BALL, ORNL; J.R. ALONSO, R.A. GOUGH, LBNL; W-T. WENG, BNL; A. JASON, LANL - The US DOE has commissioned Oak Ridge National Laboratory to initiate the Conceptual Design for a next-generation Pulsed Spallation Neutron Source. Current expectation is for a construction start in FY 1998. For this project, ORNL has entered into a collaborative arrangement with LBNL, BNL and LANL. The Conceptual Design Study is now well underway, building on the strong base of the extensive work already performed by various Laboratories, as well as input from the User community (from special BESAC subpanels). Study progress, including accelerator configuration and plans for resolution of critical issues, is reported in this paper.

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