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SNS Linac System

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The Spallation Neutron Source (SNS) project, which is scheduled for completion in Spring 2006, will utilize 100 RF systems for acceleration and bunching of the H-beam. Ninety-six of these systems drive the Linac, which was successfully commissioned with beam in Aug-Sep 2005. The remaining four RF systems are presently being tested in preparation for the Ring commissioning run, scheduled for Winter 2005-2006. In this paper the SNS RF systems will be described along with some operational results and plans for a power upgrade project, which will require an additional 38 RF stations.

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