



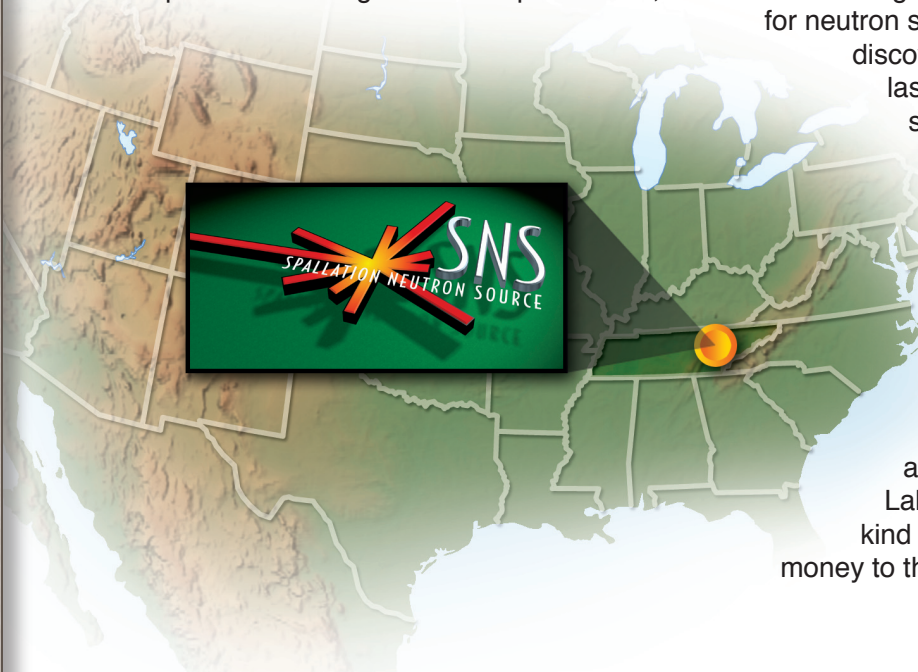
The next generation of materials research

Economic Benefits of the Spallation Neutron Source

The Spallation Neutron Source (SNS) will be the world's foremost neutron-scattering facility, and when coupled with the High Flux Isotope Reactor, will make Oak Ridge, Tennessee (USA) a center for neutron science. Technological

discoveries at SNS will provide lasting benefits to America's scientific, business, and industrial sectors. Work at SNS is likely to generate new business in chemicals, metals, plastics, pharmaceuticals, and instrument development.

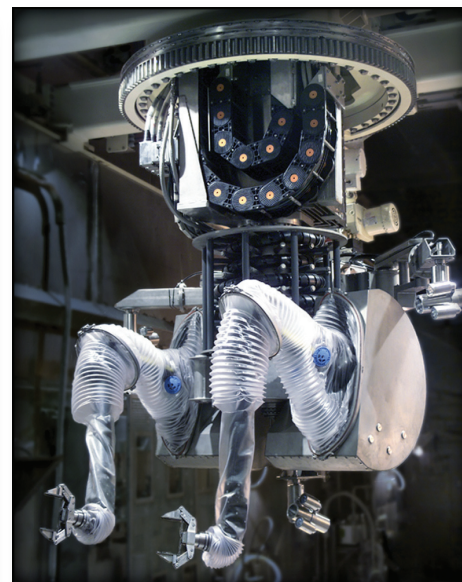
SNS is located on Chestnut Ridge, an 80-acre site at Oak Ridge National Laboratory and this one-of-a-kind facility is bringing jobs and money to the East Tennessee area.



Boosting Local Economy

The six-year budget for the completion of SNS totaled \$1.4 billion. Of that \$1.4 billion, about \$700 million went to East Tennessee companies. The average annual operating budget for SNS is about \$178 million, plus additional funds for instruments.

SNS is expected to host 1,000 to 2,000 visiting scientists each year. These visits could range from several days to a week and will double the current annual number of ORNL visitors.



Part of the SNS budget is spent on unique, state-of-the-art equipment and facilities.

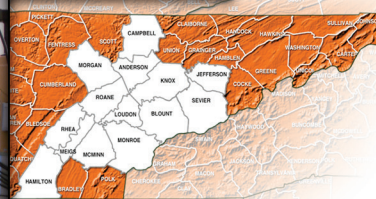


Providing Jobs

More than 3000 construction workers and 300 employees of other national laboratories were part of SNS design, construction, and installation. About 430 permanent staff are employed at SNS.



Most of the SNS workforce resides in 14 East Tennessee counties.



Aiding Business Development

The primary mission of SNS is materials research. Materials drive innovation and the development of commercial products. It is likely that the presence of SNS and the facilities that complement the SNS mission—such as the High Flux Isotope Reactor, Center for Nanophase Materials Sciences, High Temperature Materials Laboratory, and National Center for Computational Sciences—will attract businesses that want to locate near high-tech, research and development resources.

In addition, the state of Tennessee is investing in two new facilities related to SNS: the Joint Institute for Neutron Sciences and the Joint Institute for Biological and Computational Sciences. These facilities will attract the brightest minds in materials research and will help keep SNS on the cutting edge of technological and economic development.

