



## Dr. Thomas Sanders

*Associate Laboratory Director, Clean Energy  
Savannah River National Laboratory  
Savannah River Nuclear Solutions, LLC*

---

### EDUCATION

*University of Texas, Austin  
Bachelor of Science, Mechanical Engineering  
Master of Science, Nuclear/Mechanical Engineering  
PhD, Nuclear/Mechanical Engineering*

### EXPERIENCE

Dr. Thomas (Tom) L. Sanders is the Associate Laboratory Director for Clean Energy Initiatives at the U.S. Department of Energy's (DOE) Savannah River National Laboratory (SRNL), operated by Savannah River Nuclear Solutions (SRNS), LLC. In this position, he is responsible for developing new opportunities for SRNL in energy technology development.

Dr. Sanders is a recognized expert on international relations related to the nuclear industry. He has served as Vice President, President, and Board Executive of the American Nuclear Society (ANS) and made rebuilding the U.S. nuclear export industry through the development of small modular reactors as his executive initiative. Dr. Sanders was appointed to a second term on the Civil Nuclear Trade Advisory Committee (CINTAC), which serves the Secretary of Commerce on trade issues facing the U.S. civil nuclear industry, and also elected to the International Nuclear Energy Academy. Dr. Sanders was selected as a U.S. member of Russian President Medvedev's Global Energy Prize Committee and was the co-founder and former Vice President of the American Council on Global Nuclear Competitiveness (ACGNC). Dr. Sanders has testified to Congress, the Blue Ribbon Commission, and Secretarial Officers from DOE, the Departments of State and Defense, the Nuclear Regulatory Commission, and other agencies.

Before coming to SRNL, Dr. Sanders retired from Sandia National Laboratories after almost 27 years of service. There, he managed major Sandia initiatives related to the Global Nuclear Future from 1997 to 2011. As the leader of the Global Nuclear Futures vision, Dr. Sanders led the development of topical meetings, policy papers, news articles, partnership events with other countries and nongovernment organizations, and caucus events on Capitol Hill to articulate that a healthy and thriving U.S. nuclear energy infrastructure is key to global proliferation risk management in the future. Dr. Sanders developed a complementary partnership initiative between seven U.S. and nine Russian Lab Directors.

Dr. Sanders has authored more than 100 journal articles, conference papers, magazine articles, and white papers covering all aspects of the nuclear fuel cycle, from fusion and fast fission breeder reactor systems to criticality safety of spent fuel transport, storage, and disposal systems. He has also served as a nuclear operator and supervisor on U.S. Navy nuclear submarines.

Dr. Sanders currently serves as a member of ANS, ACGNC, American Society of Mechanical Engineers and the Institute of Nuclear Materials Management.