



News from the Savannah River National Laboratory

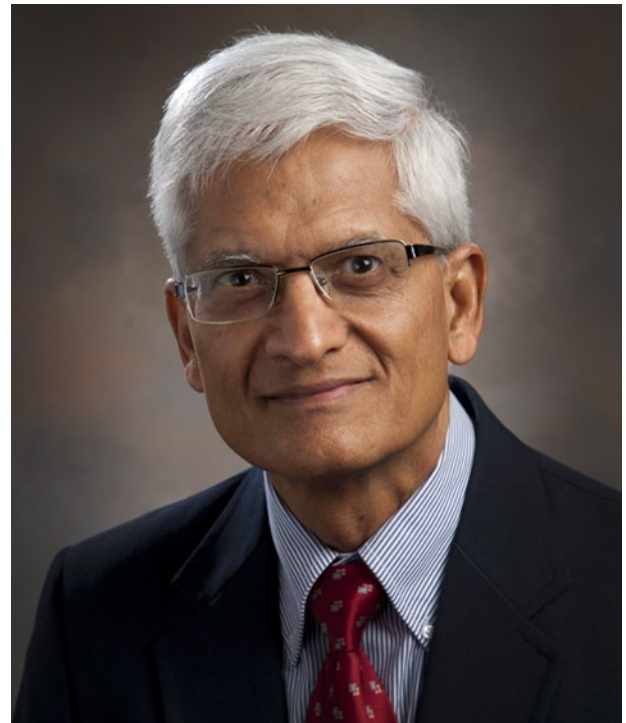
Media Contacts: SRNL – Angeline French
(803) 725-2854

angeline.french@srnl.doe.gov

For Immediate Release

SRNL's Gupta Elected Fellow of American Society of Mechanical Engineers (ASME)

AIKEN, S.C. (May 29, 2012) – Narendra K. Gupta, a principal engineer with the U.S. Department of Energy's Savannah River National Laboratory, was elected as a Fellow of ASME. Founded in 1880 as the American Society of Mechanical Engineers, ASME is a not-for-profit professional organization that enables collaboration, knowledge sharing and skill development across all engineering disciplines. The grade of Fellow recognizes outstanding engineering achievement; the distinction has only been granted to approximately 3 percent of ASME's 102,000 members.



Gupta is a Registered Professional Engineer with 37 years of design and analysis experience, including 22 years in the design and analysis of systems and components used in processing nuclear materials at the Savannah River Site (SRS). He is recognized among DOE's packaging and certification community for his contributions in the field of nuclear materials packaging design and thermal analysis. This work has helped in the timely certification of several nuclear material packagings, resulting in the safe transport and long term storage of nuclear materials in the DOE complex.

He was recognized for his achievements in research and development and for his leadership within ASME and the engineering profession. "Mr. Gupta has made important contributions in the area of transportation of radioactive materials," said Steve Hensel manager of SRNL's Computational Engineering and Sciences. "He was essential to the design, analysis, and certification of two of the

We Put Science To Work™

A U.S. Department of Energy National Laboratory managed and operated for the by

SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC

AIKEN, SC USA 29808 • SRNL.DOE.GOV

nation's premier radioactive material packages for transporting plutonium oxide and tritium."

In his current position, in addition to supporting nuclear materials packaging, storage and processing, he has created simulations of wildfire scenarios and testing of home construction materials to support the development of a software called WildFIRE Wizard to help homeowners assess the ignition vulnerability of their homes in wildfire situations. This multidiscipline project is sponsored by Department of Homeland Security through U. S. Forestry Services. He first came to work at SRS in 1989 and has since received one President's Award and three Laboratory Director's Awards for his work.

Within ASME, he is an active member of the Pressure Vessel and Piping (PVP) Division. He chairs the technical Sub-Committee on Toxic Substances and the Sub-Committee on Safety, Reliability and Risk Assessment. He has published numerous papers at the PVP conferences, taken part in panel discussions, has been a Technical Program Representative at the ASME PVP Conference, and has managed many symposia on Toxic Substances over the years.

SRNL is DOE's applied research and development national laboratory located at the Savannah River Site. SRNL puts science to work to support DOE and the nation in the areas of environmental stewardship, national security, and clean energy. The management and operating contractor for SRS and SRNL is Savannah River Nuclear Solutions, LLC.

Visit us on the web at SRNL.DOE.GOV

SRNS-2012-36

We Put Science To Work™

A U.S. Department of Energy National Laboratory managed and operated for the by

S A V A N N A H R I V E R N U C L E A R S O L U T I O N S , L L C
A I K E N , S C U S A 2 9 8 0 8 • SRNL.DOE.GOV