



Steve Girrens

*Nuclear Deterrence Associate Labs Director,
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As the Nuclear Deterrence Associate Labs Director and Chief Engineer for Nuclear Weapons at Sandia National Laboratories, Steve Girrens leads the nuclear weapons program, which includes stockpile management and stewardship, research and development, systems planning and integration, manufacturing of assigned components, and technical support for National Nuclear Security Administration (NNSA) weapon production plants.

Before joining Sandia, Steve spent nearly 40 years working at Los Alamos National Laboratory (LANL) in almost all facets of engineering, including preliminary design, computational analysis, prototype testing, and transition to manufacturing. As Associate Director for Engineering Sciences, he guided engineering capability advancement and programmatic delivery that emphasized applied engineering technology, accelerator operations and technology, and prototype fabrication in support of LANL's national security missions.

Steve has expertise in mechanical engineering design and analysis, fracture and thermo-mechanics analysis, computational mechanics, project and personnel management, and technology transfer.

Steve also worked in the NNSA's Office of Defense Programs on matters of policy, planning, and analysis, and served on the LANL Director's Red Team for Stockpile Annual Assessment and Certification. He is a Fellow of the American Society of Mechanical Engineers and a registered Professional Engineer in New Mexico.

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