



Steve Girrens

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As the Nuclear Deterrence Stockpile Management, Components and Production Associate Labs Director and Chief Engineer for Nuclear Weapons at Sandia National Laboratories, Steve Girrens leads the division responsible for ensuring the reliability of the nation's existing nuclear weapons stockpile, including component and production elements of the program. Prior to his current role, he was Nuclear Deterrence Associate Labs Director at Sandia, providing leadership for all elements of the Labs' nuclear deterrence mission work.

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 (PE) in New Mexico.

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