

**David E. Beck**  
**Associate Director for Nuclear Weapons Engineering and Manufacturing (Acting)**  
**Los Alamos National Laboratory**

David Beck is the Acting Associate Laboratory Director for Nuclear Weapons Engineering and Manufacturing. In this capacity, he is the senior executive responsible for overseeing the engineering and manufacturing aspects of the nuclear weapons program in fulfillment of the stockpile stewardship mission at Los Alamos. Beck has management oversight of the Nuclear Materials Technology Division, the Engineering Sciences and Application Division, the Nuclear Waste and Infrastructure Support Division, and the Manufacturing Systems and Methods Division.

Beck served from 1999 to July 2004 as the Assistant Deputy Administrator for Military Application and Stockpile Operations, Office of Defense Programs, National Nuclear Security Administration, Department of Energy (DOE). He was responsible for stockpile management by planning for and maintaining a safe, secure, and reliable stockpile of nuclear weapons and associated materials, capabilities, and technologies in an environmentally sound and cost-effective manner. He oversaw the Nuclear Warhead Development, Engineering, Materials and Manufacturing effort. He served on the joint DoD/NNSA Nuclear Weapons Council Standing and Safety Committee. In this capacity, he chaired the Joint DoD/NNSA Responsive Infrastructure Panel in 2003 and he co-chaired the Strategic Capability Assessment Infrastructure Panel in 2004. Beck also served as the senior official authorizing nuclear explosive safety and as liaison to the Defense Nuclear Facility Safety Board Standing and Safety Committee. In this capacity, he chaired the



Joint DoD/NNSA Responsive Infrastructure Panel in 2003 and he co-chaired the Strategic Capability Assessment Infrastructure Panel in 2004. He also served as the senior official authorizing nuclear explosive safety and as liaison to the Defense Nuclear Facility Safety Board.

Prior to joining the Department of Energy in June 1999, Beck was the Director of Manufacturing Technology Services at the Department of Energy's Y-12 Plant, Oak Ridge, Tennessee. The 800-person Manufacturing Technology Services organization provided technical authority and support to the Defense Programs mission including secondary research and specialty development, tooling, engineering, prototypes, specialty weapons components, advanced manufacturing teams, and site software support. Beck was named the Lockheed Martin Energy Systems' Manager of the Year for 1998.

During 1997, he was a Special Advisor on the Defense Programs Science Council to the Assistant Secretary for Defense Programs, DOE. In October 1993, Mr. Beck was named the first director of the Oak Ridge Centers for Manufacturing Technology. He started the National Prototype Center, a joint effort between Oak Ridge National Laboratory and the Y-12 Plant. Beck was named Plant Quality Manager in 1989, overseeing quality for nuclear weapons production and facilities. He instituted a Baldrige Award Program at Y-12, re-emphasizing statistical process control and the Deming approach to achieve plant-wide process improvements.

He began his career in 1977 at the Y-12 Plant where he was a process development engineer, production supervisor, quality engineer, and project engineer. In 1984, Beck was named the Y-12 Product Definition Manager for the Trident II Weapons Program. From 1986 to 1989, he was the Y-12 Program Manager and liaison to the Los Alamos and Sandia National Laboratories managing the W61, W76, W80, W88, and B90 nuclear weapons programs for the plant.

Beck holds three patents in materials technology and has received numerous awards for process improvements and project management. A native of Johnstown, Pennsylvania, he received a B.S. in Metallurgy from Penn State and an MBA from the University of Tennessee. He is a graduate of Executive Development Programs of the University of Chicago and Duke University.



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