BIOGRAPHY

Dr. Paul Hommert

Executive Vice President and Deputy Laboratories Director for the Nuclear Weapons Program, Sandia National Laboratories

Dr. Hommert is currently the Executive Vice President (EVP) and Deputy Laboratories Director for the Nuclear Weapons Program (DLD NW) at Sandia National Laboratories. He leads Sandia's Nuclear Weapons Strategic Management Group (NWSMG) and its Nuclear Weapons Leadership Council (NWLC). He is responsible for the oversight of engineering support and design for the U.S. nuclear weapons stockpile; research, development of testing services for our customers; and the manufacturing of specialized non-nuclear products and components for national defense and security applications. Dr. Hommert also co-chairs Sandia's National Security Leadership Council (NSLC), which leads the integration of Sandia's national defense missions between NW and Integrated Technologies and Systems (ITS) Strategic Management Groups (SMGs).

From August 2006 to the present, Dr. Hommert serves as Vice President of Sandia's California laboratory (Division 8000) located in Livermore, CA. From August 2006 to February 2009, he led the labaoratory's Homeland Security & Defense Strategic Management Unit (SMU) which includes mission assignments and long term sponsorship agreements with the Department of Homeland Security (DHS).

From November 2003 to August 2006, Dr. Hommert was the Leader of the Applied Physics Division at Los Alamos National Laboratories. The Applied Physics Division (known within the weapons community as X Division) is responsible for the nuclear weapon design competency at LANL. The division is responsible for nuclear weapon design and assessment, weapon performance code development, and weapon science support.

Before his LANL assignment, Dr. Hommert was the Director of the Systems Analysis Center in the Defense Systems and Assessments organization at Sandia National Laboratories. In this capacity he was responsible for strategic planning and business development for Sandia's non-nuclear work in support of the DoD.

From January 2000 to March 2003, Dr. Hommert was Director of Research and Applied Science at the Atomic Weapon Establishment (AWE) in the United Kingdom. In this capacity he led AWE's nuclear weapon stewardship effort. His organization was responsible for nuclear weapon design, large scale experimental operations in hydrodynamics, high energy density physics, and material and engineering science in support of AWE's weapons program. It also included computational science and the procurement and operation of computational capabilities for the UK's nuclear weapon program.

From April 1995 to December 1999, Dr. Hommert was Director of Engineering Sciences at Sandia National Laboratories. There he established Sandia's program in engineering simulation development as part of the NNSA strategic computing initiative. His center also led Sandia's engineering research efforts and provided engineering analysis for the full range of Sandia's program.

Earlier in his Sandia career, Dr. Hommert worked in a wide range of programs supporting energy research. Activities included research in geophysics, oil shale, underground coal gasification, geothermal, and the strategic petroleum reserve. He is the author of numerous technical papers in the area of fossil energy recovery and radiation transport.

Dr. Hommert earned a B.S.M.E. from Rensselear Polytechnic Institute and both an M.S.M.E. and Ph.D. from Purdue University. He received an outstanding alumnus award for professional excellence from Purdue's School of Mechanical Engineering in 2003.

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