

# LONGENECKER & ASSOCIATES, INC.

## EXPERIENCE SUMMARIES FOR KEY PERSONNEL

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### John R. Longenecker

John R. Longenecker, the President of Longenecker & Associates, Inc. (L&A), has more than 35 years' experience in energy and national defense in the areas of mission assurance, project delivery, and independent assessment in various programs including environmental remediation, nuclear weapons and non-proliferation, nuclear reactor development and operations, uranium enrichment, waste management, and advanced technology development and deployment. Unique strengths and experience include improving operational effectiveness, and strengthening ISMS and safety culture in project organizations.

L&A was founded in 1989 and is a woman owned Nevada based small business, specializing in project management, engineering, energy, environmental and regulatory issues. L&A provides highly specialized, fast-response technical and management support to the nuclear, environmental management and defense industries.

Mr. Longenecker also has experience in leading or participating in reviews at various DOE sites. Mr. Longenecker has also chaired or participated in reviews of advanced technologies for processing nuclear fuels and wastes.

Mr. Longenecker serves as the Managing Director of the Energy Facility Contractors Group (EFCOG). EFCOG promotes excellence in all aspects of the operation, management, and integration of DOE facilities in a safe, environmentally sound, efficient and cost-effective manner through the ongoing exchange of information on lessons learned.

In the area of commercial nuclear power, Mr. Longenecker served from 2001-2004 as a member of the Board of Directors of the Nuclear Energy Institute. In addition, from 1997-1999 Mr. Longenecker assisted Ontario Hydro Nuclear in developing and implementing a more effective regulatory compliance strategy for their 20 nuclear power plants. In 1997, Mr. Longenecker chaired OHN's Regulatory Impact Task Force, reporting to the Vice President of Regulatory Affairs. Mr. Longenecker worked with OHN's line managers and with the Atomic Energy Control Board (AECB) to develop a regulatory strategy that would be effective and yet affordable. In 1998, Mr. Longenecker also played a key role in OHN's efforts to design and implement a regulatory commitment management system, and to develop a plan for reconstituting the licensing basis for its plants.

President Bush appointed Mr. Longenecker in December 1992 to serve as Transition Manager for the United States Enrichment Corporation, a government owned, for-profit corporation that provides uranium enrichment services to electric utilities throughout the world.

Prior to the formation of Longenecker & Associates in May 1989, Mr. Longenecker was Chairman of General Atomics International Services Corporation (ISC) in La Jolla, California. ISC provided operational and quality support services to electric utilities and other private sector customers throughout the world. Mr. Longenecker joined General Atomics as Director of Special Projects in August 1987.

From 1983 to 1987 Mr. Longenecker served in the Reagan administration as the Deputy Assistant Secretary for Uranium Enrichment in the U.S. Department of Energy. In this capacity, Mr. Longenecker directed efforts to streamline and reshape the multi-billion dollar uranium enrichment business, including the institution of a strong quality improvement program. Key results included increasing U.S. market share, dramatically reducing production costs while improving quality of operations, focusing R & D activities, resolving the multi-billion dollar

contractual impasse with the Tennessee Valley Authority, and initiating legislation to transition the uranium enrichment function into a government corporation.

Prior to managing the U.S. uranium enrichment enterprise, Mr. Longenecker held other management positions in DOE and its predecessor agencies, including serving from 1981 to 1983 as the Program Manager for the CRBRP Project. In this position, Mr. Longenecker was the primary interface with the NRC during the project licensing process.

Mr. Longenecker has appeared before the Congress of the United States on numerous occasions, and has presented papers in various national and international forums including the Waste Management Symposium, Uranium Institute in London, the Japanese Atomic Industrial Forum, the United States Atomic Industrial Forum, the U.S. Council for Energy Awareness, the Canadian Nuclear Society, and the European Nuclear Society. Mr. Longenecker is a member of Tau Beta Pi Honorary Engineering Society, the American Nuclear Society (ANS), the University Club, the Porsche Club of America, and the Desert Sportsman Club. Mr. Longenecker serves as a member as a member of the Executive Committee and the Board of Directors of WM Symposia, a non-profit organization dedicated to providing education and information exchange on global waste management issues. L&A directly supports these efforts by providing scholarships annually to students via the Roy Post Foundation.

Mr. Longenecker is a lifetime member of the Walter Reed Society, and L&A annually provides financial support to its Wounded Soldiers programs. He is also Chairman of the Nevada Test Site Historical Foundation and the National Atomic Testing Museum Board of Trustees.

Mr. Longenecker received both his Bachelor of Science and Master of Science degrees, with academic honors, from the Pennsylvania State University. Mr. Longenecker was recognized in April 2006 as an Outstanding Engineering Alumnus by Penn State and has served as a member of the Penn State Industrial Professional Advisory Councils. In 2010, Longenecker & Associates established an annual scholarship program for students needing financial support in the Penn State Engineering Mechanics and Science Department.

Mr. Longenecker was born in Port Royal, Pennsylvania, the son of John and Josephine Longenecker, graduated with academic honors from Tuscarora Valley High School, was an Eagle Scout in Troop 46, and a Vigil rank member of the Order of the Arrow, Monaken Lodge 103.

Mr. Longenecker holds an active DOE Q clearance, and resides with his wife Bonnie in Las Vegas, NV.