

# **LONGENECKER and ASSOCIATES**

## **EXPERIENCE SUMMARIES FOR KEY PERSONNEL**

---

### **W. DAVID JANSEN**

#### **EXPERIENCE SUMMARY:**

Mr. Jansen is a professional manager with over thirty-five year's experience in engineering, construction and project management. The projects Dave has managed over the years exceed \$20 Billion in total construction cost. He has the skill to manage a project from conceptual design through completion of construction. Mr. Jansen has spent much of his career managing high-tech, fast-track projects and is intimately familiar with the stringent project management requirements for successful fast-track projects.

Mr. Jansen has managed many one of a kind projects ranging from the Fast Flux Test Facility in Richland, WA to the first ever private federal prison in Eloy Arizona, and several state correctional facilities in Texas. He managed the reconstruction of the magnificent Orpheum Theatre in Phoenix Arizona as well as a professional baseball spring training facility with stadium in Peoria Arizona for the Seattle Mariners and San Diego Padres. He headed up numerous other design build efforts including a 328,000 S.F. engineering facility for Honeywell and a 280,000 SF engineering/manufacturing/test facility for Orbital Science Corporation. Since starting Jansen Associates in 1994, Mr. Jansen has excelled in delivering small retail projects such as CVS Pharmacies, Office Max and Just for Feet in record construction times at or below the owner budgets. He has also completed numerous high-end custom homes in the Santa Fe area.

Mr. Jansen holds a Masters Degree in Mechanical Engineering from Drexel University and has a strong civil engineering background. While at Drexel, he was a practicing engineer, conducted research in the dynamic behavior of composite materials, and instructed courses in statics, dynamics, fluid mechanics, strength of materials, and structural design.

In 1973, he joined the U.S. Department of Energy (Atomic Energy Commission) and led efforts in design, construction, testing and start-up of nuclear reactors and support facilities. These efforts included management of all civil and structural design and construction for a nuclear test reactor, construction and testing for all auxiliary heat removal systems and HVAC systems, building utility systems, special construction systems such as inert gas vaults, clean rooms and fully remote manufacturing and assembly rooms. In 1980, Mr. Jansen joined the Washington Public Power Supply System. As Assistant to the Managing Director, he guided the examination and upgrading of engineering and construction management systems, developed a comprehensive project management system and directed a number of project activities in engineering, licensing and construction.

Mr. Jansen joined Joe E. Woods, Inc. in July, 1984 and has served as Senior Project Manager and Vice President. He was very involved in construction, pre-construction consulting, and construction management projects and directly managed some of the company's most successful projects.

**Representative Projects.**

**W.P.P.S.S.** - A \$23 billion construction program for commercial nuclear reactors. Technical Assistant to the Managing Director and Director of Management Policy and Systems.

**CONCEPTUAL DESIGN PROJECT** - Field Project Manager and Technical Integration Manager for a \$150 million conceptual design project for a commercial sized liquid metal breeder reactor.

**FAST FLUX TEST FACILITY** - A \$1.5 billion nuclear test reactor. Project management for all civil and structural systems, auxiliary heat removal systems and HVAC systems.

**FUEL STORAGE FACILITY** - A \$30 million project for storage of used nuclear fuel rods. Project management for all design and construction.

**REACTOR SERVICE BUILDING** - A \$30 million heavy structural steel industrial building, including high bay with two hundred ton overhead crane. Project management for design and construction.

**REACTOR SERVICE BUILDING EXTENSION** - A \$20 million heavy structural steel industrial building, including high bay with two hundred-ton overhead crane. Unique structural design problems due to wind and seismic loading. Project management for design and construction.

**MAINTENANCE AND STORAGE FACILITY** - A \$20 million maintenance facility of concrete and heavy structural steel construction. Project management for development of all design and construction.

**PLANT SECURITY SYSTEM** - A \$12 million project to develop and construct state-of-the-art plant intrusion detection systems. Project management for development, design and construction.

**HIGH PERFORMANCE FUELS LABORATORY** - A \$300 million project, including clean rooms, remote manufacturing capabilities, heavy concrete and steel construction.

**HAPPY TRAILS R.V. RESORT IN SURPRISE, ARIZONA** - A \$25 million, 320 acre resort, including all buildings, utilities, grading, streets, landscaping and golf course construction.