

W. David Jansen

EXPERIENCE SUMMARY

Dave Jansen is a professional manager with over thirty-eight year's experience in engineering, construction, estimating, scheduling and project management. He has managed over 200 projects start to finish. He has the skill to manage a project from concept through completion including cost estimating, scheduling, baseline development, and project execution. Dave has worked extensively with major industry leaders including Intel, Honeywell, Motorola, Southwest Airlines, Orbital Science, and numerous city, county, state and federal agencies and has spent much of his career managing high-tech design-build projects. Dave is currently a Senior Manager with Longenecker & Associates and has managed the design and baseline development of a 400 MW solar photovoltaic power plant, participated in Independent Reviews for large DOE Projects, developed the Independent Government Cost Estimate & Schedule for the Next Generation Nuclear Plant (NGNP) and helped develop the Baseline Cost Estimate for the CERCLA Landfill at Paducah Gaseous Diffusion Plant.

Dave 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 taught 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 civil, structural, HVAC, auxiliary heat removal systems, building utility systems, special 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 where, as Assistant to the Managing Director, he helped develop and implement a comprehensive project management system and directed a number of project activities in engineering, licensing and construction. Mr. Jansen has, for the past 30 years, been involved in the commercial construction industry as a corporate officer for large construction companies, as well as managing his own company in New Mexico.

Mr. Jansen's background includes many large first of kind facilities including nuclear test reactors, fuel handling facilities, and commercial nuclear power plants. He also completed many one of kind projects for private industry including a private federal prison in Arizona and several state correctional facilities in Texas. He managed the reconstruction of the magnificent Orpheum Theatre in Phoenix Arizona and built a professional baseball spring training facility in Peoria Arizona for the Seattle Mariners and San Diego Padres. He headed up numerous other design-build efforts for Honeywell, Intel, Motorola, Southwest Airlines, Orbital Science, Pets Mart and other industry leaders.

Dave is an industry leader in energy efficient building development and is a strong proponent of energy efficiency and renewable energy use in our communities and our homes. He is a Certified Cost Engineer through AACE International and a Licensed General Contractor.

Capabilities

- Cost estimating for construction projects, large or small.
- Certified Cost Engineer (CCE) through AACE International
- Project scheduling for any size project including hands on Primavera software capabilities
- Strong project management capability
- Expert in general contracting, civil, structural, and mechanical trades. Held licenses in several states.
- Change order analysis and evaluation
- Organizational development and management
- Board of Directors and Committee experience on numerous Boards
- Energy efficient design and analysis of building systems
- Strong team leader and committee chairperson
- Experience in legislative matters relating to energy and energy planning
- Management systems expertise including earned value techniques
- Expert witness in several areas, including general contracting.
- Experienced in project assessment and Owner's representative role
- Dispute resolution experience

Partial Experience List

CERCLA Cell Cost Estimate - Prepared Baseline cost estimate for long term storage of low level radioactive waste including decontamination and deconstruction of the gaseous diffusion plant at Paducah Kentucky.

NGNP – Next Generation Nuclear Plant – In support of DOE Idaho, develop an independent cost estimate and resource loaded schedule for the design and construction of a high temperature gas cooled reactor known as the NGNP. Work Results to be used for evaluating competitive proposals on a cost-shared public/private project.

HEPF Independent Review – Participated in the External Independent Review of the High Explosives Pressing Facility at Pantex.

SOLBIO SOLAR POWER PLANT - A 400 MW solar photovoltaic power plant in Boulder City NV. Project is estimated to cost in excess of \$1 Billion.

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.

W.P.P.S.S. - A \$23 billion construction program for commercial nuclear reactors.

Pets Mart Distribution Center - Completed 550,000 SF distribution center in Phoenix Arizona in 5 1/2 months including tenant fit-up

ORPHEUM THEATRE - A historic renovation project for the oldest theater in the State of Arizona

WILLIAMSON COUNTY DETENTION FACILITY - A 1,000 bed medium security prison on which we were the lead partner in a design/build effort for the state of Texas

OVERTON CORRECTIONAL FACILITY - A 500 bed medium security prison on which we were the lead partner in a design/build effort for the state of Texas

PEORIA MUNICIPAL SPORTS COMPLEX - A \$20 million complex to be the spring training home of the Seattle Mariners and San Diego Padres

ELOY 1,000 BED BOP/INS DETENTION FACILITY - A \$25 million private Detention Facility to be leased back to the Federal Bureau of Prisons & Immigration and Naturalization Service. This is a fast-track design build project

CITY OF PHOENIX WASTE TRANSFER FACILITY - A major solid waste transfer and recycling facility for the City of Phoenix, including all civil work to support this 150,000 SF facility. This was a prototype facility for waster transfer in a major metropolitan area

HONEYWELL COMMERCIAL FLIGHT SYSTEMS, 55TH AVENUE AND BELL ROAD - A 130,000 SF facility for the design, manufacture and testing of specialized electronics for the commercial airline industry. Duration - 7 months

HONEYWELL COMMERCIAL FLIGHT SYSTEMS, NORTH COURT BUILDING - A 328,000 SF building for the design, manufacture and testing of specialized electronics for the commercial airline industry. Fast track - 11 months.

ORBITAL SCIENCES CORPORATION, SPACE DATA DIVISION - A 289,000 SF facility for the design, fabrication, integration and testing of orbital launch vehicles and satellites. Fast track - 9 months.

EMERGENCY HOUSING PROJECT IN DOUGLAS, TUCSON, FLORENCE AND PICACHO, ARIZONA - A \$10 million temporary prison project, including all site development, utilities and modular building system. Project duration - 6 months.

This is a partial listing of Dave Jansen's experience. As either owner of his own business or officer of a large construction company, he has constructed nearly every type of commercial and residential facility including shopping centers, apartments, mobile home parks, golf courses, hospitals, schools, prisons, entertainment facilities, movie multiplexes, distribution centers, office buildings and industrial complexes.