

GARY M. GILMARTIN

EXPERIENCE SUMMARY

As Sr. Vice President for Longenecker & Associates, he applies his professional expertise and a unique combination of experience in management, energy systems and business development to solve complex problems and support the energy and nuclear business sector. Possesses 24 years of experience in Nuclear Operations, Engineering, and Quality Assurance including completing Naval service achieving rank of Lieutenant Commander and qualifying for command of a Trident Nuclear Submarine. He currently serves on the ASME NQA-1 engineering and procurement subcommittee.

DETAILED EXPERIENCE

Sr. Vice President Longenecker & Associates

October 2010 – Present

Oak Ridge, Tennessee

- Vice President for Longenecker & Associates Inc., an international consulting company specializing in management, engineering, energy, environmental, business and regulatory issues.
- Owns and manages a disabled veteran owned small business providing services and support to the energy industry.
- Led the Tennessee Valley Nuclear Energy Coalition (TVNEC), an initiative of the Tennessee Valley Corridor. The Coalition's focus is on the job creation potential from the growth of the nuclear industry in the United States particularly in the nation's southeast region. Current focus areas for this initiative are: Heavy Steel Forging and Fabricating, Supply Chain Development and Small Modular Reactors (SMR).
- Supported the Department of Energy as the Oak Ridge lead for the Asset Revitalization Initiative implementation as the Oak Ridge Energy Corridor.
- Performed risk based assessments on the Stanford Linear Accelerator (SLAC) electrical distribution system.

Director of the Oak Ridge Energy Corridor, Community Reuse Organization of East Tennessee

2009 – October 2011

Oak Ridge, Tennessee

- Developed a regional, sustainable energy strategy for the Oak Ridge region. The plan: Supports development, demonstration and commercialization of solutions to America's energy challenges; assists area local governments and economic development organizations in attracting energy related businesses to the region; and coordinates activities and programs that support existing U. S. energy missions and helps bring new missions to the state and federal organizations in the region.
- Key projects in development and planning include a small modular reactor, a demonstration scale integrated solar combined cycle plan, an integrated transportation system and a smart micro-grid with demonstration scale energy storage.
- Identified and assembled teams to execute these key energy projects through partnerships and consortiums.

Business Development Director, Oak Ridge National Laboratory (ORNL) Liaison, B&W Y-12 National Security Complex (Y-12)

2008 – 2009

Oak Ridge, Tennessee

- Business Development Director for Work for Others program, growing nonproliferation work and national security mission work for the NNSA.
- First ORNL Laboratory Liaison for Y-12 National Security Complex.
- Responsible for business development and strategic planning for future mission areas
- Identified, hired and trained a high quality business development team to accomplish growth goals.
- Established a presence in Huntsville, AL through a new partnership office including ORNL, Savannah River National Laboratory, and Y-12.
- Designed and implemented a Customer Relations Management System.
- Implemented new and effective processes and strategies to accelerate growth in emerging missions that are now a significant portion of the ongoing work at Y-12.

Quality Engineering Manager, B&W Y-12 National Security Complex (Y-12)

2007 – 2008

Oak Ridge, Tennessee

- Responsible for the Y-12 Quality Assurance Program.
- Responsible for the Weapons Quality Assurance Program, Quality Engineering and Statistical Applications for Y-12.
- Mentor in the Y-12 Mentor Protégé program developing small businesses strengths to serve the Department of Energy.
- Managed a complex quality assurance upgrade project to ensure lessons learned are incorporated in all project activities.

Acting Project Quality Assurance Manager, Highly Enriched Uranium Materials Facility (HEUMF), B&W Y-12 National Security Complex

2007

Oak Ridge, Tennessee

- Led the QA recovery efforts for the resumption of construction activities of the HEUMF Project.
- Revised the quality assurance plan to be compliant to the Nuclear Quality Assurance Standard (NQA-1), in addition to the additional requirements imposed by a revision of the DOE Quality Order 414.1.
- Organized and trained a new project QA team and performed a full audit and requalification of the project suppliers, implementing a surveillance program for in-process work and verifying a full review of quality requirements and flow down in the project supply chain.

Supervisor, Independent Assessments, B&W Y-12 National Security Complex

2004 – 2006

Oak Ridge, Tennessee

- Led a group of six senior engineers to review complex nuclear operations and systems.
- Qualified Lead Independent Assessor and NQA-1 Lead Auditor.
- Recognized by the Defense Nuclear Facilities Safety Board, National Nuclear Security Administration and Office of Oversight for an outstanding assessment program.
- Selected for special assignments to assist Y-12 in project quality improvements.

Supervisor of Boiler Optimization, Applied Synergistics (now Diamond Power, a Division of Babcock and Wilcox)

2000 – 2004

Lynchburg, Virginia

- Responsible for engineering and management of power plant optimization projects as well as the implementation of the company's quality assurance program.
- High degree of interaction and coordination with contractor personnel, company managers and project engineers.
- Developed technical specifications for engineering, construction, testing, and startup of the company's projects.
- Developed new product lines including a real-time boiler tube life analysis system, a heat transfer sensing system for coal-fired boilers, and an artificial intelligence based program using genetic artificial intelligence algorithms for boiler control.
- Authored and implemented internal working instructions and customized database for all project tracking including proposals, technical specifications, purchase orders and reports.
- Recognized by supervisors for completing assigned projects ahead of schedule during a year with a 20% increase in revenue with no increase in personnel resources.
- Experienced in contract negotiation including scope and terms and conditions.
- Proficient in computer programming, control system development, database applications, Microsoft Office applications, Microsoft Project, and AutoCAD.

Submarine Group Strategic Weapons Department Head, U. S Navy

1998 – 2000

Kings Bay, Georgia

- Oversight responsibility for safety compliance and operational proficiency of 20 submarine nuclear weapons departments.
- Supervised over 40 nuclear trained engineers.
- Training Manager recognized for best training of 12 DOD facilities on east coast and twice awarded for mentoring and qualification of over 20 department heads.
- Full responsibility for nuclear quality assurance, nuclear weapons safety, nuclear weapons RADCON, and the Human Reliability Program for Submarine Squadron Sixteen in Kings Bay, GA.
- Represented Submarine Squadron Twenty during Department of Defense nuclear weapons surety inspections and Strategic Arms Reduction Treaty inspections.

Nuclear Submarine Strategic Weapons Department Head, U. S. Navy

1994 – 1998

Kings Bay, Georgia

- Responsible for readiness and operation of Trident II Submarine Strategic Weapons System
- Ensured 100% operations readiness for three years on the complex mechanical, fluid and electrical missile launch system with personnel shortages as high as 30%.
- Managed a 240,000 man-hour equipment upgrade period, successfully completed 10 days early.
- Coordinated and executed nuclear logistics operations for a complete on and off load of Trident II missiles.
- Planned and supervised 12 shutdown maintenance periods.
- Designed and executed the ship's weapons quality assurance and surveillance program
- Served successfully as Human Reliability Program Certifying Officer.

Operations Manager and Training Manager for S5G Nuclear Plant, Idaho National Engineering Laboratory (INEL) - U. S. Navy/Westinghouse Corporation

1991 – 1994

Idaho Falls, Idaho

- As Operations Manager, controlled nuclear maintenance, chemistry and radiological controls, increasing plant availability by 30%. Twice awarded medals for outstanding plant performance.
- Represented the Naval Reactors branch of INEL in national process improvement conference with Admiral Demars – Director, Naval Reactors.
- Devised a revolutionary operational training and monitoring program including intensive monitoring and auditing. Result: Zero significant incidents, perfect safety record, and three grade level improvement in certification rating over two years.

Nuclear Power Plant Operations/Maintenance Supervisor and Engineer, U. S. Navy

1987 – 1991

Groton, Connecticut/Kings Bay, Georgia

- Developed and executed a comprehensive quality control program for the construction and maintenance of over 300 nuclear and conventional submarine systems for three years
- Served as a testing and startup engineer for the USS Pennsylvania, Trident Submarine
- Reviewed and approved more than 2000 work packages and certified 50 quality inspectors earning recognition as best out of eight by independent auditors.
- Coordinated with government contractors to ensure the on time completion of a three month long 75,000 man-day maintenance availability.
- Developed and administered dynamic audit/monitoring program of in-process work control resulting in record low amount of re-work and record high reliability.

Naval Nuclear Power Plant Reactor Operator and Instructor, Nuclear Power Training Unit, U. S. Navy

1980 – 1983

Schenectady, New York

- Qualified Reactor Operator for the S8G Trident nuclear power plant.
- Certified Quality Control Inspector and Electronics Technician specializing in soldering and nuclear grade electronics equipment.
- Test Supervisor for complex reactor dynamics testing to develop standard submarine operating and casualty procedures for use in the Trident fleet.

EDUCATION

Masters of Business Administration, Brenau University

Certified Nuclear Propulsion Plant Supervisory Engineer, U.S. Naval Reactors Program

Graduate Level Nuclear Engineering, Navy Nuclear Power School

B.S. Electrical Engineering (BSEE), University of Texas, High Honors