

JOHN R. (JACK) KASPER

EXPERIENCE SUMMARY

Mr. Kasper has thirty-eight (38) years of management experience in design, construction, and operation of nuclear power and high-level waste facilities. He is currently providing project management support for the NNSA Uranium Processing Facility (UPF) project. He was recently the Engineering Project Manager for the National Enrichment Facility (NEF) in Eunice, NM, responsible for all engineering and design activities, including design of the Separation Building Modules (SBMs) and utility and Balance of Plant systems. He recently managed design and construction of the Salt Waste Processing Facility (SWPF) at the DOE Savannah River Site (SRS), and managed design and construction of the Glass Waste Storage Building #2 (GWSB #2) project. Mr. Kasper has also managed waste storage and retrieval operations and major plant upgrade projects for the Hanford Site Tank Farms and the SRS High Level Waste Program. In previous assignments, he managed the plant overhaul and design basis reconstitution activities at many nuclear reactor sites including the K Reactor at SRS, and at the Davis Besse and Three Mile Island Unit 1 nuclear power plants. He obtained an SRO license in 1988 and served as Operations Superintendent at the Davis Besse Nuclear Power Plant and as Engineer Officer on board the USS Casimir Pulaski, SSBN 633.

PROFESSIONAL EXPERIENCE

Parsons Infrastructure & Technology Group, Inc.

1994-Present

Assigned to the NNSA UPF project, providing PM, CM, and engineering oversight (2012- Present). Engineering Director for the design of the NEF in Eunice, NM (2008 – 2011). Design/Build Manager for the \$2B SWPF Project at SRS (2002 – 2007). Design and Construction Manager for the GWSB #2 Project which was completed \$8M under budget and 3 months ahead of schedule and received the DOE Secretary of Energy Achievement award. Richland Office Operations Manager (1994-2002), responsible for managing an engineering office of 75 personnel, providing engineering, design, and PM and CM services to DOE and commercial nuclear projects. Established Parsons nuclear component fabrication shop in Pasco, WA and provided oversight for fabrication of nuclear components manufactured at this facility (1994-2008).

Waste Tank Plant Upgrades Manager – Westinghouse Hanford Company, Richland, WA

1991-1994

Overall responsibility for plant upgrade, waste management, and operations activities for the Hanford Site High Level Waste Tanks. Directed engineering and construction work for upgrading Tank Farm electrical, I&C, and mechanical systems. Developed and directed design basis reconstitution and safety basis upgrade programs. As Environmental Compliance Officer, also had responsibility for restructuring the Solid Waste Management Program and for negotiating High Level Waste cleanup Tri-Party Agreement milestones between the DOE, EPA, and Washington State regulatory authorities.

Assistant Plant Manager – Westinghouse Savannah River Company, Aiken, SC

1989-1991

Responsible for engineering, construction, maintenance, and start-up activities for the K Area nuclear production reactor. Directed overhaul activities including major design modifications and start-up testing. Established standards and implemented programs in work control, configuration management, and

operator training and procedures. Also responsible for developing and implementing revised safety basis documents, technical specifications, and configuration control program.

Toledo Edison, Davis Besse Nuclear Power Station, Toledo, OH

1985-1989

Operations Superintendent

1987-1989

Overall responsibility for operation of a 960-megawatt nuclear power plant. Provided direction to Shift Supervisors and staff to maintain safe and reliable operations and to ensure compliance with all regulatory requirements. Implemented rigorous Operator training and Conduct of Operations (COO) programs and improved plant capacity factor from worst in the nation to third best. Served as Chairman of the Plant Operations Review Committee (PORC) responsible for review and approval of any design or procedure changes and for ensuring compliance with license conditions. Directed all major plant repair and testing activities. Maintained frequent contact with NRC Region 3 and NRC on-site review teams to provide status of COO and technical specification compliance efforts mandated by the Commission in early 1985. Obtained Senior Reactor Operator license in June 1988.

Mechanical Superintendent

1985-1987

Overall responsibility for complete overhaul of all plant systems following NRC mandated shutdown. Managed field engineering, construction/repair/modification, and start-up activities for all mechanical systems. Served as Project Director for first-of-a-kind replacement of four 9,000 horsepower reactor coolant pumps. Completed work 3 months ahead of schedule and \$3M under budget.

Shift Technical Advisor – General Public Utilities, Three Mile Island Unit One, Harrisburg, PA

1982-1985

Responsible for monitoring and evaluation of plant operations and start-up activities for a 940-megawatt nuclear power plant. Performed operational performance calculations for plant systems and engineering design reviews for major plant modifications.

Project Engineer – Westinghouse Electric Corporation, Pittsburgh, PA

1982-1983

Responsible for Project Management of research and development programs in high strength steels, corrosion control, and nondestructive examination. Sponsored R&D programs in heat exchanger tube repair processes and eddy current testing that developed into highly successful service lines. Managed steam generator design and testing projects for the AP 600 reactor plant which was the precursor to the current AP 1000.

United States Navy

1977-1982

Main Propulsion Assistant and Acting Engineer Officer on board U.S.S. Casimir Pulaski, SSBN 633. Responsible for operation and maintenance of all mechanical and fluid systems on board a nuclear powered submarine. Also served as an Electrical and Reactor Controls Officer with responsibility for all shipboard electrical generation and distribution equipment and instrumentation and controls systems. Directed all nuclear plant repair and modification activities including overhaul and start-up testing of

turbine, HVAC, high pressure air, lube oil, electrical distribution, and reactor control systems) during shipyard overhaul. Qualified Engineering Officer of the Watch and Engineering Officer in record time. Served as Navy representative to Joint Test Group (JTG), responsible for review and approval of all design changes and startup and testing activities during shipyard refueling overhaul.

EDUCATION

- MA, Physics, 1977
- BS, Mathematics and Physics, 1977
- Navy Nuclear Power Officer Training, 1978
- Senior Reactor Operator License, 1988