

PAUL W. KRUGER

EXPERIENCE SUMMARY

Mr. Kruger is a highly respected and seasoned Department of Energy senior project and program manager with significant leadership and management accomplishments both in the DOE Federal Service and the private contractor sector. Mr. Kruger's experience spans establishment of successful Nuclear/Environment, Safety, Health, Quality and Training programs, regulatory streamlining, innovative business program growth, project initiation and management, and proposal development. He is known for his teamwork and has excellent working relationships with DOE-HQ, DOE Field Office leadership, and other DOE contractors, and various stakeholders to DOE Operations. He has earned the respect of all DOE contractors, and has established excellent relations with Unions and elected officials. He has forged strong partnership with the local communities in which he has served. Mr. Kruger has a BS in Engineering/Atmospheric Sciences from the University of Washington, 1978. Specific skills relevant to the Vapor Management Oversight Panel (VMOP) are:

- Exemplary Project & Program Management skills, successfully managing budgets of \$40-\$800M and staff from 10 to 100 throughout his career.
- Achieved recognized efficiencies and increased effectiveness in Regulatory, Safety and Training Programs at Hanford.
- Successful management of Nuclear Facilities and Radiological Programs, including the establishment of the ORP ESH&Q program in 2000.
- Building an effective Contractor Assurance Systems (CAS) and Oversight program for both DOE and its contractors. This program was benchmarked as a successful example from the Mission Support Alliance for the DOE Complex via the EFCOG in 2013/2014.
- Successfully implemented a DOE Complex wide Lessons Learned Program (OPEXShare)
- Successfully served as the DOE Federal Representative to the Hanford Advisory Board from 1997-2000, developing skills in the functioning of advisory boards and panels.
- Experience with Air Emissions mitigation and emergency response matters.

EMPLOYMENT HISTORY

2014 (April)-Present: *Owner, Paul W Kruger Consulting.* Provided support to Lockheed Martin/CNS Transition to Operate the Y-12/Pantex contract at Oak Ridge, TN. and various Energy Complex proposals. Supported Battelle/US DOE/DoS at Kiev, Ukraine in crafting Energy Crises emergency plans.

2008-2014 (April): *Vice President for Mission Support Alliance (MSA), Safety, Health, Quality and Training.* The MSA is a Lockheed Martin led partnership for infrastructure services and Hanford Site Management Support at the Hanford Site in Richland, WA. Accomplishments: Established MSA Safety, Health and Quality program and organization. Achieved combined phase I/II Integrated Safety Management System (ISMS) verification for MSA in a complex record of one year. Managed a highly effective September 2011 ISMS workshop for DOE that set a new benchmark for quality for this annual event. Achieved VPP Superior Star status for the MSA. Achieved 15 Hanford Site wide Safety Standards displaying a coordinated and collaborative Hanford site wide approach to safety. Effectively managed a \$25M budget at MSA.

2006-2008: Supported Lockheed Martin and other firms in successful contract proposals.

2000-2006: DOE Site Office Manager of the Pacific Northwest Site Office w/Head of Contract Authority (HCA) for Pacific Northwest National Laboratory. Accomplishments: Expanded PNNL business in Biological, Chemical and energy sectors growing volume from \$400M to \$800M. Achieved the best safety performance record of any National Laboratory, achieved VPP Star Status for PNNL, and achieved Critical Decision-0, 1, 2 for \$400M funding for 4 new PNNL facilities. Mr. Kruger retired from Federal Service as an SES Level IV, and was a recipient of the DOE Secretarial Performance Award. He received positive recognition from Washington Governor Gregoire and Senator Patty Murray for his willingness to work issues in a proactive and successful manner.

2000: Established new Office of River Protection (ORP) ESH&Q organization. Accomplishments: Successfully established the ORP ISMS program. Finalized the Tank Farms Documented Safety Analysis allowing various tank farm projects to proceed within an approved safety basis. Developed solid technical knowledge of ORP work-scope and challenges.

1995-2000: Environment, Safety, Health and Quality (ESH&Q) and Employee Concerns Assistant Manager for DOE-Richland and the combined Hanford Site. Accomplishments: The Hanford Site became recognized as one of the best ESH&Q performers in the DOE complex during this period. Accomplishments included achieving ISMS verifications and VPP Star Status for all Hanford Contractors and DOE-RL. Revamped and eliminated 80% of local implementing procedures and streamlined operations as part of a regulatory streamlining effort. Other accomplishments included managing the development of the Volpentest HAMMER Training and Education Center and development of a robust Employee Concerns program for DOE/RL and ORP.

1989-1995: DOE Nuclear Program, nuclear analytical lab, and energy science program manager for Pacific Northwest National Laboratory (PNNL) programs including operation of three nuclear facilities and multiple biological and chemical laboratories. Accomplishments: Successfully managed three Nuclear Facilities. Upgraded PNNL Nuclear and Radiological programs to meet current DOE and DNFSB Standards and supported the development of major energy R&D projects for PNNL. Positively recognized by the DNFSB for safety program improvements.

1979-1989: Progressively responsible positions with the Mineral Management Service (Dept. of Interior) in oversight of oil/gas, coal and geothermal leasing and development on federal lands. Accomplishments: Principal author on several major energy development planning activities. Principal author of major federal oil/gas, coal, and geothermal regulatory documents governing federal energy exploration and development. Published USGS Open File Report (USGS Open File #81-859) on potential impacts of Hydrogen Sulfide Gas emissions from Exploratory wells, methods to mitigate such situations, and appropriate emergency response measures.

EDUCATION

B.S. Atmospheric Sciences & Engineering University of Washington – 1978