

DONALD W. PRIGEL

EXPERIENCE SUMMARY

Dr. Prigel is a senior technical and management consultant and since 2006 has served as a Senior Project Manager for Longenecker & Associates. Prigel has over 37 years of technical and management experience in both the commercial and government nuclear industries. He is a visionary strategic leader with broad business and technical expertise and a record of attaining creative solutions to multi-dimensional problems in the absence of guidelines or precedents. Has a track record of being creative, strategic, pragmatic, and aggressive in forming alliances. His passion and focus are fortified by strong interpersonal and technical skills.

During prior work assignments, Prigel has demonstrated expertise in: reviewing contractor documents including technical proposals, alternatives analyses, conceptual designs, safety basis documents to determine if technical bases meets contract requirements and best industry practices for nuclear facility design and safety; performing inspections and surveillances of field construction to verify that applicable standards (including OSHA requirements) are being met; and supporting project design and safety reviews/assessments/audit.

Prigel specializes in developing and working with high performance leadership teams, mentoring, problem solving, resolving employee concerns and professional differences of opinion, providing operational leadership, management system development and implementation, and coaching in highly regulated, high-risk, high-reliability, complex organizations in high-technology industries. He has demonstrated he is able to influence not only from position and location in an organizational hierarchy, but also using political savvy in leading to better ways to negotiate, persuade individuals, and understand goals and means that others are most willing to accept.

With Longenecker & Associates, Prigel has served in mission assurance leadership positions including as a Readiness Assessment Team leader, leading a readiness assessment team independently verifying the state of readiness to implement safety requirements for a \$3.45B research and development facility. This readiness assessment was one of the largest readiness assessments in recent DOE history.

Prigel has a successful record including: quickly approaching problem situations with clear perceptions of organizational and political reality, recognizing and evaluating the impact of alternative and innovative courses of action; developing management programs; determining goals and providing technical direction for the implementation of management systems; implementing effective business practices and systems; managing organizations under difficult budget constraints; and managing, and leading and developing diverse workforces. Prigel has a strong record of leadership and technical advocacy in nuclear arenas including national security, the nuclear stockpile, regulatory innovation, and operational excellence. He has proven his abilities within complex, multi-discipline nuclear organizations in both the commercial and government business sectors. He has designed developed, implemented, and administered performance assurance programs and has a thorough understanding of DOE requirements relative to these programs. His understanding of Laboratory and production facility operations comes from having worked on assignments at the Pantex Plant, the Kansas City Plant, ORP,

NREL, INEL, NNSS, SNL, LLNL, and LANL and as a subject matter expert for DOE HQ. He has developed, implemented, and managed Price-Anderson reporting programs.

Prigel has significant mission assurance/engineering/construction/operational experience.

- Startup/Operations/Mission Assurance (including leadership positions in contractor assurance and quality assurance)
 - URENCO, Eunice, NM
 - Mason & Hanger, Amarillo, TX
 - Centerra, NNSS, Las Vegas, NV
 - Battelle Energy Alliance, Idaho Falls, ID
 - SAIC, National Ignition Facility, Livermore, CA
 - Wolf Creek Nuclear Generating Station, Burlington, KS
 - Fort St. Vrain Nuclear Generation Station, Platteville, CO
- Engineering/Nuclear Safety
 - NuScale Power, Corvallis, OR
 - URENCO, Chester, England, Cherry Hill, NJ, Eunice, NM,
 - Battelle Energy Alliance, Idaho Falls, ID
 - Mason & Hanger, Amarillo, TX (Safety Basis/Test Engineering Manager)
 - SAIC, Golden, CO, Amarillo, TX, Los Alamos, NM, Albuquerque, NM, Livermore, CA
- Construction
 - URENCO, Eunice, NM
 - SAIC, Amarillo, TX, Los Alamos, NM,
 - Wolf Creek Nuclear Generating Station, Burlington, KS
 - Columbia Generating Station, Richland, WA
 - Fort St. Vrain Nuclear Generation Station, Platteville, CO
- Startup/Operations/Mission Assurance
 - URENCO, Eunice, NM
 - Centerra, NNSS, Las Vegas, NV
 - SAIC, National Ignition Facility, Livermore, CA
 - Wolf Creek Nuclear Generating Station, Burlington, KS
 - Fort St. Vrain Nuclear Generation Station, Platteville, CO

Prigel has in depth understanding knowledge and experience implementing DOE and commercial Codes and Standards for capital construction projects, exceling with his technical expertise of NQA-1:

- Thorough knowledge of DOE Orders 442.1A, Employee Concerns, and 442.2, Differing Professional Opinions
- On writing team for DOE Orders 414.1C and 414.1D

- Contributing author, 10 CFR 830
- Member of ASME NQA main committee (NQA-1)
- Lead US Representative, ISO nuclear working group (ISO 19443)
- Quality Assurance Director, INL Next Generation Nuclear Plant
- Quality Assurance Director, NuScale Power
- Readiness Review Team Lead, LLNL/National Ignition Facility
- Quality Assurance Manager, LLNL/National Ignition Facility
- Engineering Manager/Quality Assurance Director, DOE Pantex Plant
- Quality Assurance Manager, Wolf Creek Nuclear Generating Station

Prigel has successfully developed and implemented a number of risk assessment methodologies to assure requirements are properly applied at the “front end” of a process. Prigel has also developed and implemented corrective action programs to assure that the “back end” of the management process is working effectively. He has also developed innovative approaches to developing leading and lagging performance indicators. Prigel has successfully worked with both internal and external stakeholders and has managed customer relationships, effectively communicating complex institutional messages. He is adept in interacting with all levels of management, stakeholders, staff, and customers; and building internal and external relationships and partnerships, including developing formal stakeholder management plans. He has excellent interpersonal, oral and written communication skills, listening carefully and speaking clearly and professionally in all situations.

WORK HISTORY

Senior Project Manager - Longenecker & Associates Golden, CO	2006-Present
Principal, Prigel Consulting Golden, CO	2002-Present
Group Nuclear Safety Officer/Vice President - Science Applications International Corp. (SAIC) Golden, CO	1993-2002
Engineering Manager/Regulatory Compliance/Quality Assurance Director - Pantex Plant Amarillo, TX	1989-1993
Field Engineering/Regulatory Compliance/Quality Assurance Manager - Wolf Creek Nuclear Generating Station Burlington, KS	1978-1983
Senior Engineer - Licensing/Construction Oversight/Quality Assurance at WNP-2 Nuclear Plant (Columbia Station) Richland, WA	1975-1978

Licensing/Regulatory Compliance/Field Engineer/Quality Assurance Engineer - Fort St. Vrain Nuclear Power Plant

Platteville, CO

1972-1975

EDUCATION

Regent University, Virginia Beach, VA

Doctorate in Strategic Leadership, 2007

- Doctoral studies focused on strategic foresight with emphasis on visualizing and communicating the future state of an enterprise.
- Doctoral project focused on strategic program and project management in complex enterprises.

Kansas State University, Manhattan, KS

Master of Science in Nuclear Engineering, 1972

Kansas State University, Manhattan, KS

Bachelor of Science in Nuclear Engineering, 1971