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Goal: To obtain a contract position in authorization basis activities within the nuclear complex or commercial nuclear facility.

Credentials: Bachelor and masters of science in mechanical engineering from the Pennsylvania State University and the University of Southern California.

DOE Q-clearance HRP certified USQE qualified
Seven years experience at the DOE Pantex plant on nuclear weapons

Current Assignment: BWXT Pantex's Process Engineering Department with responsibility for preparation of procedures for mass property measurements, roll-rate decay measurements, CMM measurements, separation tests, and vibration testing. These Q-clearance level activities require knowledge of the DSA resources, the various process details, and HRP access to nuclear weapons plus the ability to prepare procedure documents to meet the SBDBID, TSR, SAR, and HAR controls. Prepared Part 1 and Part 3 USQs.

Developed a coordinate measuring machine measurement approach for the accurate determination of dimensions of weapon components as a product improvement effort.

Past Experience: Past experience includes assignments in engineering, engineering management, program management, marketing, and as general manager of two divisions of a major aerospace company. Led and participated in many major successful technical proposal efforts to both U.S. and foreign governments. Performed FMEA analyses.

Formulated the algorithm for the determination of the decoy to launch for the defeat of enemy anti-shiping missiles aiding the sale of ship protection systems to Singapore, Norway, and Egypt.

Ten years experience as general manager of two divisions of Tracor Aerospace. Introduced process improvement methods for statistical control of product. Ten years experience in engineering management in the area of structural dynamics and as director of the engineering department.