



Richard L. Maudlin

EXPERIENCE SUMMARY

Forty Five years experience in Manufacturing, Quality Control, Quality Assurance, and Training. Thirty Five years of this experience was involved with activities related to QA Program evaluation, internal and external Audits/Surveys and Surveillances which supported nuclear facility construction, licensed commercial nuclear facilities and High Level Waste activities. Thirteen of the thirty five years involved the auditing and evaluation of Nuclear Construction and Operations QA Programs. Two years involved the training of audit personnel. The most recent eighteen years have been involved in the surveillance and auditing of National Laboratories and suppliers of services involved in the investigation of natural and engineered barriers for the storage of High Level Nuclear Waste. Experience includes: DOE Office of Civilian Radioactive Waste Management (OCRWM) QA, Commercial Nuclear Operational QA, QA Design/Procurement, NDE Inspection, Design Surveillance, Instructor for Auditor/Lead Auditor Training, and preparing and reviewing QA procedures.

DETAILED EXPERIENCE

2001 TO PRESENT BECHTEL SAIC COMPANY, LLC, Las Vegas, NV

SENIOR QUALITY ASSURANCE SPECIALIST - Primary responsibility is for the planning, scheduling, performance, and reporting of supplier surveys, surveillances, and audits including maintenance of the OCRWM Qualified Supplier List. Additional duties include the review of purchase orders/subcontracts and the review of supplier quality programs. In these duties, provide support to BSC Procurement Engineering in the evaluation and acceptance of purchase orders/subcontract quality requirements, and supplier quality programs. Also, during facility surveys and audits, assisted suppliers in understanding and development of their QA programs to satisfy the minimum requirements of the OCRWM Quality Assurance Requirements and Description document. Addition responsibilities include the performance of internal audits and surveillances of BSC and National Laboratories.

1997 TO 2001 MACTEC, INC, Golden, CO.

SENIOR QUALITY ASSURANCE SPECIALIST - Primary responsibility was for the planning, scheduling, performance, and reporting of supplier surveys and audits including maintenance of the OCRWM Qualified Supplier List. Additional duties included the review of purchase orders/contracts and the review of supplier quality programs. In these duties, provided support to OQA Procurement Engineering in the evaluation and acceptance of purchase orders/contract quality requirements, and supplier quality programs. Also, during facility surveys and audits, assist suppliers in understanding and development of their QA programs to satisfy the minimum requirements of the OCRWM Quality Assurance Requirements and Description document. Addition responsibilities include the performance of internal audits and surveillances on National Laboratories for the Department of Energy.

1993 TO 1997 CER CORPORATION, Las Vegas, NV.

SENIOR QUALITY ASSURANCE SPECIALIST - Primary responsibility was for the planning, scheduling, performance, and reporting of supplier surveys and audits. Was responsible for maintenance of the

OCRWM Qualified Suppliers List and supplier survey/audit logs. In addition, duties included audits on National Laboratories for the Department of Energy. Additional activities include the performance of surveillances and participation as Lead Instructor for formal training classes related to Auditor/Lead Auditor Training. In the performance of the audit duties, have had to manage audit teams of up to 18 team members which included technical specialists and external observers. During the audit process, was required to interface with upper levels of management such as Technical Project Officers, General Managers and Project Management. Was responsible for conducting audit meetings where as many as 65 personnel of all levels and disciplines were in attendance. Duties also included performing quarterly Office of Civilian Radioactive Waste Management trend evaluations and preparing quarterly trend reports.

1989 TO 1993 MAC TECHNICAL, San Diego, CA.

QUALITY ASSURANCE SPECIALIST - Primary responsibility was for performing audits and surveillances of Department of Energy (DOE), Office of Civilian Radioactive Waste Management Project Participants. Activities included lead responsibilities for coordination and implementation of internal and external audits and Audit Team Leader for internal and external audits. In the performance of the audit duties, have had to manage audit teams of up to 18 team members which included technical specialists and external observers. During the audit process, was required to interface with upper levels of management such as Technical Project Officers, General Managers and Project Management. Was responsible for conducting audit meetings where as many as 65 personnel of all levels and disciplines were in attendance. Duties also included performing quarterly Office of Civilian Radioactive Waste Management trend evaluations and preparing quarterly trend reports.

1987 TO 1989 TENNESSEE VALLEY AUTHORITY, Chattanooga, TN.

QUALITY ASSURANCE TRAINING INSTRUCTOR - Primary responsibility was for preparing Instructor Lesson Plans based on INPO Training Design Documents and Job Task Analysis. Provided formal performance based training to students in the subject areas of Auditor, Lead Auditor and Surveillance Evaluator. Assisted TVA management in a root cause investigation regarding historical problems with Nuclear Operations. While in training to become an instructor, was required to develop effective communication skills. Was certified as an Instructor and TVA Lead Auditor.

1984 TO 1987 GILBERT/COMMONWEALTH, INC., Jackson, MI.

QUALITY ASSURANCE PROGRAM MANAGER - Primary responsibility was for the performance of Operational QA audits during the pre-operational phase of Detroit Edison's Enrico Fermi No. 2 BWR Nuclear Power Station. Audits included such areas as: Special Nuclear Materials-Fuels, Nuclear Security Training, Health Physics, Procurement, Nuclear Engineering, Configuration Management, Nuclear Training, and Records Management. Also performed surveillances on various operational activities. Prior to the pre-operational phase, performed audits of ASME installation contractors. Managed the administration of 3 on site personnel.

1983 TO 1984 QUALITY ASSURANCE PROGRAM MANAGER - Responsible for the preparation and review of quality procedures for ASME Welding, Electrical Inspection, and HVAC Installations.

Involvement included the development of QA Program Procedures for Stop Work and portions of the Wm. H. Zimmer Nuclear Station FSAR, Section 17.0. Additional responsibilities included the development and review of Station Security Procedures, Station Policies, and QA Position Descriptions.

1980 TO 1983 GILBERT/COMMONWEALTH, INC., Richland, WA.

QUALITY ASSURANCE PROGRAM MANAGER - Primary responsibility was for auditing and surveillance of project design activities and documentation during the construction phase of a 1100 MWe BWR Nuclear Plant for the Washington Public Power Supply System. Specific duties included: In-depth audits and surveillances to assure compliance with 10CFR50, Appendix B; ANSI N45.2.11; client and corporate requirements; review and approval of quality procedures used to control the design activities; and conduct of QA training classes for engineering personnel. Additional responsibilities included: Development of Project QA Plans; directing the planning and execution of tasks, directing project assigned personnel in the performance of project activities; reviewing and approving work procedures; conducting preliminary evaluations of significant conditions and interfacing with the client and the U.S. Nuclear Regulatory Commission Inspectors. Participated as Lead Auditor of the Diablo Canyon Nuclear Power Plant (DCNPP), Unit 1 show cause order investigation. In this effort, audited EDS Nuclear and Bechtel Engineering at their corporate facilities.

1979 TO 1980 UNITED ENGINEERS AND CONSTRUCTORS, Richland, WA.

QUALITY ASSURANCE ENGINEER I - Primary responsibility was for the performance of programmatic/implementation audits of the construction site contractors during the construction phase of two 1250 MWe PWR Reactors for the Washington Public Power Supply System. Audit performance included the preparation of checklists; coordination of the pre-audit and post-audit conferences; leading the audit investigation; preparation of audit findings; and development of audit reports. Additional responsibilities included the performance of an off site audit on a structural steel supplier.

1977 TO 1979 GILBERT/COMMONWEALTH, INC., Reading, PA.

CORPORATE QA INTERNAL AUDIT COORDINATOR - Responsible for scheduling, planning, and supervising implementation of Nuclear QA Corporate Internal Audits. Audit responsibilities encompassed the areas of Design Engineering, Quality Assurance, Procurement, Construction Management, and Suppliers. Additional responsibilities included development of quality trend analysis, auditor training and certification and coordination of external audit efforts (NRC and Client).

1976 TO 1977 GILBERT/COMMONWEALTH, INC., Reading, PA.

QUALITY ASSURANCE ANALYST - Reviewed and evaluated specifications, proposals, and procurement documents for the inclusion of adequate quality requirements consistent with codes, regulations and standards. Participated in the performance of vendor evaluation surveys and audits; reviewed and evaluated manufacturing testing; inspection; construction and special process procedures. Performed internal design and NSSS supplier audits.

1974 TO 1976 DUKE POWER COMPANY, Charlotte, NC.

QUALITY ASSURANCE SPECIALIST, LEVEL II - Developed Quality Assurance Level II audit plans for construction division and vendor division audits. Performed audits of Design Engineering, QA Vendor, Construction and Operations Division. Developed and instructed several formal training classes on NDE and ASME Code Section III.

1972 TO 1974 CONAM INSPECTION, INC., Rahway, NJ.

NON-DESTRUCTIVE TEST TECHNICIAN - Primary responsibilities were to perform NDE and visual inspection of nuclear welds to ASME Section III. Responsibilities included assignment as Lead Quality Control Engineer for monitoring all inspections and operations involving the receipt of nuclear fuel through reactor core loading in the initial fueling of an 871 MWe PWR Reactor.

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| 1971 TO 1972 | Brooks Flame Spray, Inc. – FAA Certified Inspection Technician A |
| 1969 TO 1971 | Combustion Engineering, Inc. - Inspection Technician A |
| 1968 TO 1969 | Combustion Engineering, Inc. - Manufacturing |
| 1965 TO 1966 | U.S. Steel Corporation - Manufacturing |
| 1962 TO 1965 | General American Transportation Corp. - Manufacturing |

EDUCATION

Tulsa Junior College, Tulsa, Oklahoma (1971)
Two semesters of mechanical engineering.

Central Piedmont Community College, Charlotte, NC. (1975)
One year towards Associates in Mechanical Engineering

Metals Engineering Institute, Metals Park, OH. (1975)
One year correspondence course in metallurgy

I.C.S., Scranton, PA. (1976-1979)
Two semesters of a four semester curriculum towards an Associates Degree in Mechanical Engineering

Columbia Basin College, Pasco, WA. (1980)
One semester of Computer Science (Basic Computer Language)

Indiana University, Bloomington, Indiana (1991 - 1995)
Two years towards a Bachelors in General Studies

CERTIFICATION: DOE Certified Lead Auditor per ANSI N45.2.23/ASME NQA-1
Previously Level III Mechanical Inspection per ANSI N45.2.6

SPECIAL TRAINING: INPO Accredited Instructor Training (142 Hrs) 1987-1988
TVA Lead Auditor Training (196 Hrs) 1987-1988
Kepner-Tregoe Problem Solving & Decision Making (36 Hrs) 1988
Accident/Incident Investigation Training (MORT analysis) 1987
Vertical Slice Verification Techniques (VSVT) 1988
Fundamentals of Supervision (32 Hrs) 1988
Quality Assurance of Computer Software 1988
PWR Systems Course-TVA (64 Hrs) 1988
BWR Systems Course-Detroit Edison 1985
PWR Systems Course-Duke Power 1975