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CONFIDENTIAL

P.O. BOX 241, LEBO, KS 66856
QUALITY TECHNOLOGY COMPANY

RESUME'

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EDUCATION:

M. S. Personnel Administration, George Washington University, 1967

B. A. Business and Economics, Whitworth College, 1963

A. A. Modesto Junior College, 1957

SUMMARY OF EXPERIENCE:

September 1983	Retired from N.R.C.
1981 - 1983	Senior Resident Inspector - Served as Senior Resident Inspector at Washington Nuclear Project Unit #2 during construction and preoperational testing.
1978 - 1981	Reactor Inspector - Inspect reactors under construction and in operation.
1974 - 1978	Internal Auditor - Audited regional and headquarters activities. Assist in staff studies.
1968 - 1974	Reactor Inspector - Inspected reactors under construction and in operation.
1964 - 1968	SMSGT, USAF - Served as Contracting Officer Representative, Administrative Assistant to Chief Engineering Department Assistant Project Officer, Research Reactors and Project Officer (Standard Nuclear Power Plant) in the Engineering Department, U. S. Army Nuclear Power Field Office, Ft. Belvoir, Virginia.
1961 - 1964	MSGT, USAF - Served as Operations Chief, at PM-1 Nuclear Power Plant, Sundance AFS, Wyoming.
1958 - 1961	TSGT, USAF - Served as operator and chief operator at SI1 - National Reactor Testing Station, Idaho Falls, Idaho.

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CHRONOLOGICAL RECORD OF EXPERIENCE:

1981 - 1983

Assigned as Senior Resident Inspector at Washington Nuclear Project, Unit #2. Responsible for conducting routine and reactive inspections and investigations to ensure licensee compliance with regulatory requirements. Evaluated the adequacy of licensee corrective action to identified deficiencies. Ensured inspection program requirements were met and coordinated inspections and investigations by specialist inspectors. Documented inspection and investigation findings. Substantiated the degree of compliance of regulatory requirements by the licensee. Effective in identifying root causes of quality problems and in following up on open issues and allegations.

Established a plan for the inpsection of the preoperational test program. Witnessed selected preoperational tests and ensured licensee compliance with test requirements and established safety standards. Assured preoperational test results satisfied the license application, regulatory requirements and the licensee commitments.

1980 - 1981

Assigned as Construction Project Inspector for the following facilities and periods.

Nine Mile Point, Unit 2	April 1980 - October 1981
Beaver Valley, Unit 2	October 1980 - May 1981
Millstone, Unit 3	October 1980 - April 1981

Responsible for inspection in accordance with NRC and/or code requirements and licensee application. Coordinate inspections by specialist inspectors. Insure inspection program progress is current and consistent with facility construction progress and all inspection requirements are met. Conduct routine inspections in areas not assigned to specialist inspectors. Also conduct inspections in areas assigned to specialist inspectors as dictated by the inspection program status.

1978 - 1980

Responsible for performing inspections at facilities with an operating license or construction permit in the area of modifications, plant design and design changes. Determine if the modification or design change has been made in accordance with the Technical Specifications, 10 CFR 50.59 and established QA/QC controls. Verify that modifications and design changes

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were made in accordance with procedures which include specifications, required codes or standards, acceptance criteria and other elements as provided for in ANSI N18.7. Review preoperational and starting test procedures and results to insure conformance with the license/permit and other NRC regulatory and/or code requirements.

Responsible for issuance of Inspection and Enforcement Bulletins, Circulars and Information Notices from Region I. Responsible for insuring that draft bulletins, circulars and information notices are reviewed for technical adequacy and that comments are submitted in a timely manner.

1974 - 1978

Assigned as an internal auditor with the responsibility for performing audits, appraisals, studies and proposals of regional and headquarters activities of the Office of Inspection and Enforcement. These principally involved inspection, investigations and enforcement activities. Responsible for determing whether these activities conform to established requirements, that the assigned staff and funds are being utilized efficiently and effectively and whether changes are needed in policy, procedures and techniques for inspections and investigations.

Conducted audits and appraisals of individual inspections by accompanying the inspector. Provided an independent assessment of the quality of the inspection effort by observing, reviewing and analyzing the results of the inspection based upon the importance of safety and adherence to the inspection requirements and good engineering evaluation and judgment.

Provided management with the results of my findings on selected topics which provide the basis for management decision. The results of these audits also provided management with views on how well the inspection program was functioning.

Planned the detail included in the audit/appraisal which was my area of responsibility and determined the extent to which the subject was reviewed while actually conducting the audit. Presented the results of my findings to the Regional Director at the conclusion of the audit, appraisal, study etc.

Participated as a team member in verifying inspection activities at several reactor sites. My specific area of responsiblity was reviewing the technical inspection aspects of Reactor Operations, Technical Specification requirements, Refueling, Quality Assurance/ Quality Control and IE Bulletins. Performed analysis and review of inspection activity and recommended appropriate corrective action for these areas which did not conform to IE requirements. Prepared reports in the areas of my responsibility.

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1968 - 1974

Construction Facilities

Performed inspection at Vermont Yankee Nuclear Power Plant from the laying of the reactor building base mat (Summer 1968) thru fuel loading and 1% power testing (1% license issued 3-72). Responsible for assuring that the facility was built in accordance with applicable codes as specified in the license application (concrete - ACI, ASTM; Reactor Vessel and Drywell - ASME B&PV Code, AWS, SNT; Piping and valves - ASA, USAS, SNT; Instrumentation and Electrical - IEEE and NEC). Responsible for reviewing, analyzing and evaluating the AE and NSSS activities during the construction and testing phases. This was accomplished by analyzing their reports, examining test results, reviewing construction activities involving knowledge of engineering principles and techniques peculiar to this field and by visual examination of methods of operations used by the AE and NSSS. Prepared and gave testimony at the license hearings on the adequacy of the construction at the facility.

Responsible for reviewing the adequacy of test procedures, observing selected tests and in reviewing and analyzing test data for conformance with the license application and good engineering practice.

Performed construction inspections at Peach Bottom 2 and 3 from 9-68 to 9-69.

Operating Facilities

Assigned as principal compliance inspector for 2 nuclear power plants and 4 research reactors. Responsible for inspection activities at these facilities and was responsible for recommendation of cessation of operation if it were determined that the health and safety of the public was endangered. Planned and carried out the inspection of these facilities, reviewing tests and critical experiments, reviewing and analyzing results and data; determining adequacy of licensee's controls and provisions foroperational safety. Responsible for evaluating management control, procedures and practices of licensees and observing licensee action regarding compliance with AEC rules and regulations.

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Preoperational, Fuel Loading and Power Ascension Phase

In addition to my other assignments, my primary responsiblity from 4-72 to 9-74 was as principal reactor inspector for three (3) boiling water reactors in the areas of preoperational testing, fuel loading and power ascension testing. These were Peach Bottom 2 and 3 (Philadelphia Electric Company) from 4-72 to 9-74 and James A. FitzPatrick (New York State Power Authority) from 4-72 to 2-74. Conducte, inspections to determine compliance with design, testing and operation of facility systems. Reviewed procedures, observed tests and evaluated and verified test results and operating data for compliance with the license application and good engineering practice. Prepared and reviewed component and system reliability studies. During preoperational testing and prior to fuel loading I was responsible for insuring that the facility had been designed and constructed in accordance with the license application. Prepared that portion of the Safety Evaluation Report which is the responsiblity of the Office of Inspection and Enforcement. This consisted of a brief description of the facility and inspections performed by ann inspectors who visited the facility, the construction and testing criteria and an evaluation of the data, analyses and conclusions of the licensee and the criteria and basis for inspection, evaluation and conclusions of the Office of Inspection and Enforcement. Reviewed the analyses performed and other considerations that were a part of the input to the report to insure compliance with the rules and regulations of the Atomic Energy Commission. Determined the outstanding safety issues needing resolution and recommended conditions to be imposed in the license or alternatives to be considered.

After issuance of the Operating License I observed portions of fuel loading and reviewed procedures and data for adherence to the license. After fuel loading I observed reactor startup and performed precritical and critical evaluations and determined that the startup calculations of the licensee were as stated in the procedures. Inspected the facility through power ascension testing until the facility became "commercial" (100% power). Reviewed procedures, observed selected tests, analyzed test results and determined whether systems tests met acceptance criteria as stated in the procedures.

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Assignments - Principal Reactor Inspector

Power Reactors (Operating)

Yankee Rowe	July 1968 - December 1969
Peach Bottom 1	September 1968 - December 1970

Power Reactors (Construction)

Peach Bottom 2	September 1968 - July 1969
Peach Bottom 3	September 1968 - July 1969
Vermont Yankee	July 1968 - August 1972

Power Reactors (Preoperation & Power Ascension)

Vermont Yankee (3-72, license)	January 1970 - August 1972
Peach Bottom 2 (3-73, license)	April 72 - August 1974
Peach Bottom 3 (7-74, license)	April 72 - August 1974
FitzPatrick Preop. only	May 72 - February 1974
Pilgrim 1 Power Ascension only	June 1972 - August 1972

Research Reactors

Pawling Lattice Test Rig (PLATR) United Nuclear July 69 - May 69
Proof Test Facility (PTF) United Nuclear July 68 - May 69
Western New York Nuclear Research Center Reactor (Pool & Pulse) July 68 - October 69
Manhattan College (Pool) November 68 - November 70