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~~CONFIDENTIAL~~

W. SCOTT SCHUM

Senior Consultant

Reactor Systems

More than twenty (20) years' experience in the professional application of nuclear technology. This includes an assignment as a Nuclear Regulatory Commission Resident Inspector and Senior Resident Inspector for start-up of a commercial power reactor; more than two (2) years in planning, scheduling and directing outage repair/maintenance activities on various commercial power reactors and twenty (20) years in various phases of the military application of nuclear propulsion technology.

EXPERIENCE

October, 1982 -
April, 1984

USNRC Senior Resident Inspector (Operations) - Region IV, Wolf Creek Project, Burlington, Kansas. Responsibilities include planning, conduct and supervision of inspections to ascertain licensee compliance with permit/licensee commitments. Perform in-depth evaluations of any incidents or abnormal plant conditions in order to determine the safety significance of each such event/condition, and evaluates acceptability of licensee corrective measures; makes findings regarding licensee compliance with rules, regulations and the permit/license.

Represents the NRC to the licensee, state and local officials and the news media concerning all matters that are within the functions assigned to the Office of Inspection and Enforcement; directs and/or participates in investigations of allegations of unsafe or substandard practices or conditions in order to determine their validity.

Applies developed knowledge of the theories, principles, practices and applications of nuclear engineering to analyze and understand hazards, determine and evaluate safety-significant plant conditions and observe, review, appraise and report on the progress of pretest and start-up plant activities.

Has frequent personal contact with licensee's quality, start-up, and operating organizations and key utility management personnel; serves as the primary NRC contact at the Wolf Creek project; advises NRC inspection specialists or other assigned Commission personnel on unusual or special plant activities that can affect planned inspections.

February, 1982 -
October, 1982

USNRC Project Inspector - Construction - Region IV, Arlington, Texas. Responsibilities included evaluation of the results of inspection and investigations at Riverbend, Waterford 3, and the South Texas Project to determine the overall safety of the reactor systems and components for operations, Regional Coordinator for the in-service test programs for Cooper Station and ANO-1.

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Resume of W. Scott Schum (Cont.)

- September, 1979 - Babcock & Wilcox Company, NPGD - Lynchburg, Virginia.
January, 1982 Responsibilities included piping and support verification, problem location and reporting at Oconee; neutron noise information and data collection during post-fueling activities at Oconee; NUREG 0578 implementation at TMI-1 and Davis-Besse; operating reactor refueling experience, refueling outage management, planning/ scheduling at Rancho Seco, Davis-Besse, and ANO-1; planning and cost projections - Advanced Fast Breeder Reactor plants; advisor and assistant for steam generator sleeve installation- Ginna Station; technical advisor for in-core guide tube, welded joint reaming and guide path restoration - Midland Unit #1; task leader for Core Barrel repair effort - Oconee #1; preparations and demonstrations on mock-up for pot-hole inspection and disassembly effort - TMI-2.
- August, 1959 -
August, 1979 U. S. Navy
- 1977 - 1979 Senior Enlisted Advisor to the commanding officer - USS NEWPORT. Devised procedures, programs and doctrines for all aspects of personnel administration to ensure objectivity and fair treatment of personnel. Had direct responsibility for all human resources management for more than 200 personnel; identified deficiencies, trends and problem areas, including **grievances**, for subsequent recommendations of corrective actions.
- Accorded responsibilities as Senior Engineering Supervisor for a diesel engineering environment requiring the coordination of a staff of 80 technical specialists to provide full support to all shipboard engineering systems, subsystems, equipment and auxiliaries.
- 1976 - 1977 Leading Crew Chief/Instructor - Nuclear Power Training Unit, West Milton, New York. Responsible for the implementation of training programs, training cycles, outlines and curricula for instruction in nuclear power operations, theory, maintenance and safety instruction to officers and enlisted personnel; Engineering Officer of the Watch and Crew Chief.
- 1974 - 1976 Engine Room Supervisor - USS ENTERPRISE. Responsible for scheduling and supervising duties for all #1 Engine Room personnel performing multi-disciplinary nuclear engineering tasks; Certified Engineering Officer of the Watch and Engineering Watch Supervisor. Had direct independent decision-making responsibilities for 37 personnel in the proper operation, maintenance and safety of eight reactors.

Resume of W. Scott Schum (Cont.)

- 1970 - 1974 Nuclear Instructor - Nuclear Power Training Unit, Idaho Falls, Idaho. Responsibilities included assisting with the refueling of the AlW "B" test reactor core, and subsequent physics testing, mechanical installations and engineering operations. Qualified Engineering Officer of the Watch and Engineering Watch Supervisor.
- 1968 - 1970 Auxiliary Division Supervisor, Diesel Group - USS ENTERPRISE. Qualified as Nuclear Plant and Auxiliary Plant Watch Supervisor.
- 1966 - 1968 Nuclear Reactor Work Center Supervisor and Nuclear Mechanical Operator, Reactor Mechanical Division - USS ENTERPRISE.
- 1959 - 1966 Qualified Engineering Watch Supervisor in Nuclear Plants. Responsible for nuclear and non-nuclear engineering, operations and instruction of nuclear plant theory, as well as diesel engineering positions at various ships and stations.

TRAINING/SCHOOLS

USNRC

Arlington, Texas: 1983 - Operations Quality Assurance; PWR Technology; Dealing with the Media; and Advanced PWR Technology.

1982 - Concrete Technology and Codes.

B & W

Lynchburg, Virginia: 1981 - Problem Solving and Decision Making.

1980 - Contract Law and Product Liability.

U. S. NAVY
1959-1979)

Maintenance Coordinator Techniques
Visual NDE
Nuclear Power Prototype
Basic Nuclear Power
Gas Turbine/Diesel Technology
Engineman - Class A
Engineman - Class C
Mechanical Fluid and Gas Systems
Thermodynamics
Calculus
Nuclear Physics
Chemistry
Metallurgy
Reactor Principles
Reactor Plant Technology
Electrical Controls
Electric Power Generation for Nuclear Propulsion
Steam Plant
Radiochemistry
Radiological Controls

Resume of W. Scott Schum (Cont.)

SECURITY CLEARANCES

1982 - 1984	NRC - Q
1979 - 1982	DOE - LX
1964 - 1979	DOD - Secret