



Nuclear Regulatory Commission  
Exhibit # - NRC000019-MA-BD01  
Docket # - 07007015  
Identified: 01/25/2011

Admitted: 01/25/2011  
Rejected:

Withdrawn:  
Stricken:

NRC000019

**Rex G. Wescott**  
**Statement of Professional Qualifications**

**CURRENT POSITION**

Senior Fire Protection Engineer  
Uranium Enrichment Branch  
Fuel Facility Licensing Directorate  
Division of Fuel Cycle Safety and Safeguards  
Office of Nuclear Material Safety and Safeguards  
U.S. Nuclear Regulatory Commission  
Washington, DC

**EDUCATION**

B.S., Physics, Clarkson College, Potsdam, NY  
M.S., Engineering Science, Clarkson College, Potsdam, NY  
Graduate studies in Fluid Mechanics & Coastal Engineering, Polytechnic Institute of NY, Brooklyn, NY  
B.S., Fire Protection Engineering, University of Maryland, College Park, MD

**PROFESSIONAL**

Licensed Professional Engineer, State of Maryland  
Licensed Professional Engineer, State of New York

**QUALIFICATIONS**

Mr. Wescott has over 37 years of professional experience in engineering. He has been with the U.S. Nuclear Regulatory Commission (NRC) since 1978, initially working as a hydrologist, and then as a fire protection engineer. He started his career with the agency as a plant systems engineer conducting hydrologic and coastal engineering reviews for nuclear power plants. Shortly thereafter, he began performing fire protection work and conducting Code of Federal Regulations, Volume 10 (10 CFR) Part 50 Appendix R reviews for operating nuclear power plants.

Mr. Wescott is recognized as an expert in fire protection engineering at the NRC. Currently, as a senior fire protection engineer, he is responsible for performing fire protection reviews and inspections of fire protection systems for new and existing fuel cycle facilities. Most recently, he completed the fire protection review and was responsible for integrated safety analysis (ISA) methodology review of the license application and Integrated Safety Analysis Summary for the proposed AREVA Enrichment Services Eagle Rock Enrichment Facility.

As a senior fire protection engineer in the Office of Nuclear Material Safety and Safeguards, he conducted numerous fire protection reviews, including review of the LES National Enrichment Facility License Application; the Mixed Oxide Fuel Fabrication Facility License Application and ISA Summary; the USEC American Centrifuge Plant License Application and ISA Summary; and the ISA Summaries for Westinghouse, Global, Nuclear Fuel Services, AREVA, and BWXT Facilities.

Mr. Wescott also participated in numerous fire protection inspections for Fuel Cycle Facilities, including inspections at the Paducah and Portsmouth Gaseous Diffusion Plants to support initial NRC Certification. He was a member of the Augmented Inspection Team that reviewed the December 9, 1998, fire at the Portsmouth Gaseous Diffusion Plant and participated in a team inspection as a fire safety inspector at the B&W Navy Fuel Facility. Recently, he was selected as a member of a special team to review the DOE Tank Waste Remediation Systems project at Hanford.

In addition to his fire protection work, Mr. Wescott has been responsible for ISA methodology reviews for the USEC American Centrifuge Plant License Application and ISA Summary; and the Mixed Oxide Fuel Fabrication Facility Construction Authorization Request.

Before joining the Division of Fuel Cycle Safety and Safeguards, he was responsible for total system performance calculations, guidance and pre-licensing reviews for the proposed Yucca Mountain spent fuel repository. He also was selected as a special employee for the Office of Commission Appellate Adjudication to support review of the fire protection aspects of a materials license for the University of Missouri.

While working for the Office of Nuclear Reactor Regulation, Mr. Wescott was responsible for 10 CFR 50 Appendix R reviews of Hatch NPP; Sequoyah NPP, Unit 1 & 2 and Browns Ferry NPP, Unit 2. He performed plant systems calculations and reviews in regard to pumps, chiller systems, and radiological dose; and later participated on an inspection team in response to Browns Ferry's Unit 2 drywell fire in July 1987.

As a hydrologist, he was responsible for hydrologic and coastal engineering reviews for Limerick NPP, Pilgrim NPP, Oyster Creek, and Pilgrim NPP.

Prior to joining the NRC, Mr. Wescott worked as a hydrologist with Ebasco Services and Woodward-Clyde Consultants performing engineering evaluations for commercial nuclear power facilities, hydroelectric projects, and other groundwater contamination remediation projects.