

Tyrone Daniel Naquin
Statement of Professional Qualifications

CURRENT POSITION

Health Physicist
Uranium Enrichment Branch
Division of Fuel Cycle Safety and Safeguards
Office of Nuclear Material Safety and Safeguards
U.S. Nuclear Regulatory Commission
Washington, D.C

EDUCATION

M.S., Health Physics, Texas A&M University
B.S., Biology, Southwestern Oklahoma State University

PROFESSIONAL

American Board of Health Physics, Certified Health Physicist
American Academy of Health Physicist
Master Training Specialist, Department of the Navy, Naval Health Sciences Education and Training Command

QUALIFICATIONS

Ty Naquin has 27 years of experience as a health physicist, having worked for the Department of the Navy, as a contractor, and finally for the Agency since 2008. He received his undergraduate degree in Biology in 1983, and his Master's in Health Physics in 1995. He was a captain in the Navy until his retirement. As a health physicist, he worked in a variety of environments, including medical, industrial, research, and policy. Following his Navy career, he worked for the Air Force's Master Material's License as a contractor.

Mr. Naquin was hired as a health physicist in the Uranium Enrichment Branch of Fuel Cycle Safety and Safeguards in the office of Nuclear Material Safety and Safeguards as a technical reviewer for health physics or Radiation Protection requirements. In this capacity, he reviews license applications, and license/certificate amendments for technical accuracy and regulatory compliance. He coordinates with other technical reviewers in other disciplines to ensure a consistent and integrated approach with regard to safety and licensing assessments related to fuel cycle facilities. He was assigned as project manager for Louisiana Energy Services (LES) National Enrichment Facility in Eunice, New Mexico, in July 2009. He is responsible for oversight of all licensing activities, to include coordination between other agency offices and the Department of Energy. He routinely works with LES management personnel, coordinates with local elected officials, Region II staff, and several levels of management within NRC Headquarters.

He worked for the Air Force (AF) as a Senior Functional Analyst (Contractor, Radiation Protection), supports day-to-day activities of the AF Radioisotope Committee and the AF Master Materials License Program by providing subject matter expertise and advisory services,

assisting with policy development/updates, overseeing document conversion and other projects as needed, and providing other high-level project support and task coordination.

He was assigned as Director, Radiological Controls Program Office for Naval Sea Systems Command. In this capacity, he was the Program Manager for oversight of all industrial uses of radioactive material within the Navy (excluding nuclear power), providing policy, program inspection and financial support (annual budget over \$2 million) to monitoring programs in this area. He also directed the efforts of 17 civilian and military personnel at the Radiological Affairs Support Office in Yorktown, Virginia, providing environmental program managers in support of Base Realignment and Closure matters and waste management. He also was the Program Manager for the Navy Low-Level Radioactive Waste Disposal Program, providing policy and financial support to naval activities in materials controls and disposal matters, both for active and decommissioned sites. As Director of Radiological Controls, he served as a member of the Navy Radiation Safety Committee, a 4-member panel of senior personnel overseeing the Navy Master Materials License working closely with NRC personnel.

He worked as Director of Radiation Health, Code 105.5 for the Navy at Pearl Harbor Naval Shipyard. His responsibilities included being the Division Head for a mixed civilian and military staff of 35 people, directing the oversight of the radiation health monitoring program for over 2,000 nuclear workers and environmental surveillance for all nuclear ships assigned at Pearl Harbor. Served as Radiation Safety Officer and Chairman of the Radiation Safety Committee for the command, providing oversight for industrial radiography operations, both gamma and x-ray. Mr. Naquin also provided oversight for Radiac Calibration Laboratory, which provides services for all Naval Activities on Oahu. He coordinated with other commands or activities for emergency response matters as Senior Health Physicist on Island, including Tripler Army Medical Center and the Federal Fire Department.

Mr. Naquin has authored or co-authored technical reports, published articles in medical and technical journals, and made presentations to professional conferences.