

TOMAS E. HERRERA

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EDUCATION

Florida State University, Tallahassee, Florida
B.S., Industrial Engineering

EXPERIENCE

U.S. Nuclear Regulatory Commission, Rockville, Maryland
Sr. Project Manager

Office of Federal and State Materials and Environmental Programs, September 2009 – Present
Division of Materials Safety and State Agreements, Licensing Branch

- Project Manager for Revising and Updating the 21 volumes in the NUREG-1556 Series for Licensing Guidance
- Revising and Updating Inspection Manual Chapter 1246, this includes revising the qualification journals for materials license reviewers and inspectors
- Coordinated a monthly teleconference to discuss issues involving commercial and academic topics. This has resulted in improved communications between NRC Headquarters and Regional counterparts

Office of New Reactors October 2008 – September 2009
Division of Construction Inspection and Operational Programs, Construction Inspection and Allegations Branch

- Performed an analysis of NRC NUREG-1055 "Improving Quality and the Assurance of Quality in the Design and Construction of Nuclear Power Plants" published in 1984. Determined the disposition of recommendations of the NRC staff who prepared the document
- Attended and participated in NRC Operating Experience meetings to determine if any of the "lessons learned" could be imparted on future construction of nuclear reactors
- Serve as a member of the Construction Inspection and Allegations Branch Communications Team that is responsible for noticing public meetings; coordinating meeting logistics; executing the meetings with representatives from the Nuclear Energy Institute, members of the Power Reactor Industry, and members of the public; and preparing a meeting summary
- Completed the Pressurized Water Reactor - Westinghouse training Series

Office of Federal and State Materials and Environmental Programs, July 2003 – September 2008
Division of Materials Safety and State Agreements, Source Safety and Security Branch

- Performed over 30 technical safety reviews of consumer, industrial, and medical products containing radioactive material
- Issued over 2,200 security requirements to NRC licensees possessing radioactive material
- Managed a [REDACTED] contract which trained federal and state inspectors on security requirements for radioactive material licensees
- Organized and executed seven public meetings with licensees in accordance with the NRC's Openness Policy