

Harrison F. Kerschner



RECENT ASSIGNMENTS: PACIFIC NORTHWEST NATIONAL LABORATORY

Senior Technical Advisor for the Capability Replacement Laboratory

Assigned as the project manager for the 300 Area Life Extension Upgrades for retained radiological and nuclear facilities, providing project oversight of design, construction and readiness activities. For the Physical Sciences Facility (PSF) in the Horn Rapids Triangle (HRT), responsible for start-up and readiness activities.

PREVIOUS EXPERIENCE

Pacific Northwest National Laboratory

Fissile Material Manager/Project Manager

Provided leadership in support of Architect and Engineering design of the Pit Disassembly and Conversion Facility, a strategic component of the national management and disposition of excess weapons material (plutonium and Highly Enriched Uranium) for the DOE. Technical areas of responsibility included: criticality, radiological engineering, nuclear safety, safeguards and security, classification and plutonium technology.

Lawrence Livermore National Laboratory

Project Management, Nevada Experiments and Operations Program (N Program)

Responsible for “Work for Others” customers at the Nevada Test Site, supporting LLNL B Division, the Nonproliferation, Arms Control, & International Security Directorate, and other laboratory science organizations. Projects included National Nuclear Security Administration Nuclear Attribution support (Urban Yield) and FBI Nuclear Forensics Attribution (nuclear conduct of operations). Appointed **Acting, Nuclear Test Operations Facility Security Officer** (2005), providing leadership for executing the Safeguards and Security program at all LLNL facilities at the Nevada Test Site.

Deputy Manager, Device Assembly Facility

The Device Assembly Facility (DAF) is a hazard Category 2 non-reactor nuclear (and explosives) facility supporting the following missions: Nuclear Explosive Operations, Underground Test Readiness, Sub-critical experiments program, disposition of damaged nuclear weapons; and programs in support of national security interests. Lead the successful completion of time critical, highly visible Nuclear Explosive Safety Master Study. Directed facility activities for relocation of the Los Alamos National Laboratory Technical Area 18 Criticality Experiments Facility special nuclear material to DAF, a key NNSA Secretarial Security Initiative and NNSA NA-10’s “highest priority” project achieving operational readiness for introduction of Security Category 1 nuclear material.

Start-up Manager

Developed and executed a comprehensive 10CFR830 compliant Safety Basis/ Technical Safety Requirements Implementation Plan. Directed DOE Order 425.1 nuclear facility start-up activities which resulted in the successful completion, of the Management Self Assessment, Contractor Operational Readiness Review, and NNSA lead Operational Readiness Review (ORR).

PROFESSIONAL AFFILIATIONS

- Institute of Nuclear Materials Management
- American Board of Health Physics
- American Academy of Health Physics
- American Nuclear Society

EDUCATION

M.S., Health Physics, University of Arkansas (1983)

PROFESSIONAL CERTIFICATION

Comprehensive Health Physics Certification by the American Board of Health Physics, 1986; re-certified through 2006.