

Course Description

ChemStaff's Radiochemistry Quality Control and Assurance training is expertly designed to support and enhance an existing Quality Control Program by strengthening the knowledge and proficiency of new program owners and aligning fleet program owners on the basis and implementation of a program. Tailored to the utility's unique program, this session delivers defensible program knowledge informed by statistical bases and industry best practices. The training sessions also specifically build on existing procedural guidance, examining why, where, and how basis requirements are incorporated into the total program. The basis includes guidance from ASTM, INPO, EPRI, and the NRC.

Course Information

- Course Duration is 2.5 days
- Detailed course handbooks will be provided upon arrival
- Attendees are encouraged to bring plant data for group discussions.

Course Topics

- ✓ Introduction to Quality Assurance and Quality Control
- ✓ QC program bases
- ✓ QC statistics review and discussion on data quality
- ✓ Statistical process control
- ✓ Control chart development and analysis
- ✓ Counting uncertainty and total propagated uncertainty
- ✓ Detection Limits (LLD/MDL/MDC)
- ✓ Interlaboratory program
- ✓ Intralaboratory program
- ✓ Data Reporting
- ✓ Common quality control issues and troubleshooting

