

Course Description

Designed by experts for BWR and PWR chemistry and radiation protection personnel, this course develops participants' in-depth understanding of the fundamentals of RETS/REMP and delivers practical, hands-on learning and proven techniques for personnel who are responsible for RETS and REMF activities. Common topics will be covered throughout the seminar as well as targeted design-specific topics for BWR and PWR.

Course Information

- Course duration is five days.
- Detailed course handbooks will be provided upon arrival.
- Attendees are encouraged to bring plant data for group discussion and analysis.

Course Topics

- ✓ Regulatory basis of ODCM
- ✓ 10 CFR Part 50 & the NRC
- ✓ Regulatory Guide 1.21
- ✓ Minimizing non-compliance
- ✓ Quantifying principle radionuclides released
- ✓ Fundamental equations
- ✓ Reporting & evaluating releases of radioactive materials
- ✓ Types of discharges
- ✓ Discharge monitoring
- ✓ Radiation doses to the public from effluent releases
- ✓ Radiation monitors
- ✓ Set point calculations
- ✓ Land use census
- ✓ Relationship between quantities of radioactive material released in effluents & resultant radiation doses to individuals from principal pathways of exposure

