

Value Delivered

- ✓ Thorough high-quality reports developed & delivered
- ✓ Meticulous technical review
- ✓ Minimized risk of noncompliance
- ✓ Standardized approach & format to align with regulatory guidance
- ✓ Greatly reduced site resource burden
- ✓ Expert industry service

Industry Challenge

10 CFR Part 50 requires each nuclear power plant to submit an annual report to the Nuclear Regulatory Commission specifying the quantity of each principle radionuclide released to unrestricted areas in liquid and gaseous effluents during the previous year. 10 CFR Part 50 also emphasizes that the report must include any additional information that may be needed to estimate the annual radiation doses exposed to the public from effluent releases.

10 CFR Part 50 also requires each nuclear power station to have a Radiological Environmental Monitoring Program (REMP) that provides data on measurable levels of radiation and radioactive materials in the environment to evaluate the relationship between quantities of radioactive material released in effluents and resultant radiation doses to individuals from principal pathways of exposure. The program also identifies changes in the use of unrestricted areas to permit modifications in monitoring programs for evaluating doses to individuals from principal pathways of exposure.

ChemStaff Solution

The trusted experts at ChemStaff can meet this challenge. Equipped with an expansive knowledge base and extensive direct programmatic experience, ChemStaff specialists are uniquely qualified to support the nuclear power industry in expert preparation, thorough review, and consistent standardization of Annual Radiological Environmental Operating Reports (AREOR) and Annual Radioactive Effluent Release Reports (ARERR). ChemStaff's proven support allows site and corporate personnel to focus on data anomalies and program improvement activities while our experts deliver quality AREORs and ARERRs. We can also submit the reports to plant personnel for final review at least 30 days prior to filing to better ensure successful compliance, provided that the data availability and initial timeline requirements are met.

