



Project Summary:

Beryllium Contamination Assessment for Building 9201-2 at Y-12 National Security Complex

Location:

Y-12 National Security Complex
(Oak Ridge, TN)

Government Agency:

U.S. Department of Energy

Project Timetable:

May to September 2006

Oak Ridge Associated Universities (ORAU) assessed Oak Ridge National Laboratory's (ORNL) compliance with 10 CFR 850, Chronic Beryllium Disease Prevention Program (CBDPP), at Building 9201-2, which is managed by ORNL and located at the U.S. Department of Energy's (DOE) Y-12 National Security Complex.

The purpose of the assessment was to ensure that there were no worker safety issues, health exposures or program deficiencies by providing independent analysis of characterization and assessments for beryllium contamination associated with Building 9201-2. DOE's request addressed the need for independent technical review and assessment of ORNL's beryllium program, and health assessments of workers who may have been exposed to beryllium.

ORAU staff performed detailed technical reviews of documents supporting ORNL's CBDPP to assess compliance with 10 CFR 850. Review areas included, but were not limited to:

- Baseline and subsequent characterization and personnel monitoring for beryllium in Building 9201-2.
- Compliance with warning and labeling requirements.
- Compliance with release criteria (particularly release of potentially contaminated equipment).
- Compliance with worker health monitoring requirements and review of the strategy for survey activities for beryllium contamination in Building 9201-2.

The assessment team determined that ORNL's CBDPP was compliant with 10 CFR 850 and that ORNL has demonstrated a commitment to continuous improvement of its beryllium program. ORNL and Y-12 were also found to adhere to the requirements of 10 CFR 850.34(b)(1) for performing medical examinations on groups of workers who have been or could be potentially exposed to beryllium.

Partnerships for Innovation



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