

## PSEG • Salem-Hope Creek Operational Plant Services: RETS/REMP/ODCM

### Project Description

BHI has provided a wide-spectrum of support for both the radioactive effluent technical specifications (RETS) program and the radiological environmental monitoring program (REMP) at the PSEG Salem-Hope Creek site. In addition, PSEG needed experienced support while they recruited and hired a qualified RETS/REMP Coordinator I.

### Scope

Our support services included:

- Mentoring for the REMP Coordinator position
- Program assessments and audits
- Effluent dose calculations
- Annual effluent report preparation
- Review of annual REMP report
- RETS and REMP data reviews
- Revisions to the ODCM and ODCM-implementing procedures
- NUREG-1301/1302 compliance assessment
- Technical basis document development
- Atmospheric dispersion factor reviews
- Effluent management software reviews, updates, and verifications
- Land use census data reviews and evaluations
- Identification of critical receptors and active exposure pathways
- Supported implementation of the PSEG groundwater protection programs



### Project Resolution

BHI provided a total of 7 experienced personnel, including an onsite interim RETS/REMP Coordinator who carried out daily responsibilities to maintain continuity in effluent and environmental monitoring programs, and also supported the Salem-Hope Creek ground water monitoring program.

We placed the following expert talent:

- Project Manager
- Senior Radiological Engineers
- RETS/REMP Subject Matter Experts





## Key Differentiators

- Seasoned and dedicated employees – experienced resources with strong RETS/REMP knowledge
- Strong safety performance – No safety or human performance issues during this protracted project
- Performance-based model & approach
- Proven and documented cost savings strategies

## BHI's Professional Radiological Services

The BHI Engineering Division is a recognized provider of quality radiological services and innovative technical solutions. The cornerstone of our success is a "Focus on Clients" philosophy. BHI Engineering repeatedly demonstrates an ability to perform quality work in challenging situations, creating a reputation of completing projects safely, quickly, and economically. Comprehensive job reviews capture lessons-learned, recommendations for improvement, and client feedback/observations. These data are retained as a work control document for future reference.

Our Engineering Division is among the most experienced in the industry and offers a wide range of professional radiological service offerings, including effluent, environmental, and groundwater program services, x-ray compliance services, NORM/TENORM services, source term reduction, specialized radiation measurements, and radiation protection program consultation.

Our clients for professional-level radiological consulting services include both operating and decommissioning commercial nuclear power plants, natural gas processing facilities, dental and veterinary offices, universities, commercial laboratories, and general licensees. In addition, BHI Engineering is supplemented by a pool of experienced industry and regulatory professionals. The experience and knowledge of our staff and resources allow us to provide high quality technical and professional radiological consultation services.