

9936

RADIOLOGICAL HEALTH SPECIALIST

Nature of Work

Under general supervision, performs work at the full-performance level by conducting inspections and surveys of radiation-producing devices located throughout the state to ensure compliance with federal and state regulations. Verifies licensure of operators of medical radiation devices. Recommends implementation of any necessary compliance actions. Extensive public contact and considerable travel is required. Performs related work as required.

Examples of Work

Collects data on site at radiation emission facilities to evaluate compliance with state and federal regulations.

Assists facilities with development of regular inspection procedures.

Prepares inspection reports and recommends corrective measures if necessary.

Responds to inquiries regarding radon testing, interprets test results and recommends mitigation measures.

Conducts gross alpha and beta analysis of air and water samples.

Calibrates portable radiation detection devices.

Collects environmental samples for radiochemical analysis.

Serves as a member of the Radiation Emergency Response Team and provides field monitoring and dose assessment for drills and accidental releases of radioactive materials at fixed nuclear facilities or during transportation.

Prepares and delivers presentations to students and other interested groups.

Knowledge, Skills and Abilities

Knowledge of health physics and radiation detection and protection principles and practices.

Knowledge of federal and state laws, rules and regulations concerning radiation protection.

Ability to operate sensitive radiation detection instruments and conduct laboratory analysis.

Ability to communicate effectively, both orally and in writing.

Minimum Qualifications

Training: Associate degree from a regionally accredited college or university with a major in radiologic technology, nuclear medicine, chemistry, physics, chemical engineering or closely related scientific field.

Substitution: Possession of a current license issued by the West Virginia Medical Imaging and Radiation Therapy Technology Board of Examiners which was formally the West Virginia Board of Examiners of Radiologic Technologists may substitute for the associate degree; OR if licensed by another State, the ability to apply for a license issued by the West Virginia Medical Imaging and Radiation Therapy Technology Board of Examiners within six-months of employment.

Special Requirement: Must possess a valid driver's license at the time of hire and must maintain such for duration of employment.

Established: 08/20/1992

Revised: 08/05/1994; 06/21/2018

Effective: 06/21/2018