

### Class Concept

This is supervisory work in the administration and technical direction of the Radioactive Materials Branch within the Radiation Protection Section, including serving on the Radioactive Materials Control Subcommittee and drafting all regulations to be recommended to the Radiation Protection Commission. Employee develops, establishes, revises and monitors unit work standards, goals and priorities. Work includes interpreting all complex and/or controversial regulations, ensuring uniformity of all regulation interpretation and enforcement, approving applications for radioactive material and accelerator licenses and amendments, adjusting unit work assignments, workload balance, methods and procedures, and writing inspection guides for each type of facility. Employee determines need for personnel, space and equipment, and projects, complies and maintains a unit budget. Work also includes researching and studying new technology and methodology, accompanying employees on field inspection trips, reviewing training needs of employees and recommending training programs, and acting as Radiation Protection Emergency Team Chief or assistant Chief during emergency exercises. Work is performed under general supervision of the Radiation Protection Section Chief who reviews work through personal conferences, analysis of written reports and recommendations, and program results and goals achieved.

### Recruitment Standards

#### Knowledge, Skills, and Abilities

- Considerable knowledge of the scientific principles and the biological effects of radiation exposure from industrial and medical uses and from environmental release or contamination.
- Considerable knowledge of air and other environmental sampling techniques, radiation shielding design concepts, and the use of radiation detection instrumentation.
- Considerable knowledge of emergency procedures including containment of radiation and evacuation
- Considerable knowledge of and the ability to apply, the laws, rules, regulations and policies that govern or influence radiation protection.
- Considerable knowledge of the research process and data gathering techniques and the ability to evaluate, process and present data.
- Working knowledge of with the NC AEA agreement for authority over radioactive material.
- Ability to express results of investigations and make recommendations tactfully, firmly, clearly and concisely in oral and written form and to write complex technical reports.
- Ability to develop and maintain effective relationships with co-workers, the regulated community, general public, state and federal agencies.
- Ability to manage the work of a group of Health Physicists including recruiting, training, performance evaluation, and employee relations, and planning and organizing work.
- Ability to organize and run a public meeting and to make public presentations.
- Ability to work in environments where ionizing radiation is present.
- Ability to work in frequently stressful environment with multiple assignments, priority deadlines and in occasional emergency response conditions.

#### Minimum Education and Experience

Bachelor's degree in nuclear, physical, or environmental science; health/ medical physics, or radiologic science from an appropriately accredited institution and four years of applicable experience; or an equivalent combination of education and experience.

#### Necessary Special Requirement

Valid North Carolina Driver's License