Class Concept

This is supervisory level professional engineering work in regulating the establishment, operation, acquisition, extension, or curtailment of electric, natural gas, telecommunications, or water and sewer public utility services.

Positions in this class participate as assigned in the review of utility companies' proposals for changes in operation or rates, or perform as project leaders in directing such reviews. Work includes the preparation and delivery of testimony at hearings conducted by the N. C. Utilities Commission on major, complex portions of utility companies' proposals. Technical engineering determinations are evaluated on the basis of data and the effectiveness of counter arguments presented by utility representatives during hearings.

Recruitment Standards

Knowledge, Skills, and Abilities

- Considerable knowledge of engineering principles and practices as applied to the design, construction, operation, maintenance, expansion, and rate structure determination of public utilities.
- Considerable knowledge of the modern trends, techniques, and practices .of public utility service and regulation.
- Considerable knowledge of the policies, rules, orders, regulations, and guidelines of the N. C. Utilities Commission and various federal commissions and/or agencies engaged in public utility regulation.
- Considerable knowledge of State and federal laws, and policies governing the regulation of utilities.
- Considerable knowledge of utility operation and maintenance requirements, constraints and plant design, construction, and capabilities.
- Ability to negotiate settlements between utilities or utilities and customers.
- Ability to prepare and render expert testimony in formal hearings and court.
- Ability to establish and maintain cooperative and effective relationships with associates, utility representatives and officials, other State and federal officials, and with utility customers.

Minimum Education and Experience

Bachelor's degree in an applicable field of engineering from an appropriately accredited institution and three (3) years of experience in utility operational or regulatory engineering work; or an equivalent combination of education and experience.

Necessary Special Qualification

May require registration as a professional engineer by the North Carolina Board of Examiners for Engineers and Surveyors.

Note: This is a generalized representation of positions in this class and is not intended to identify essential functions per ADA.