

CHIEF COMMUNICATIONS ENGINEER

PURPOSE AND NATURE OF WORK

Position is responsible for engineering planning, design and project administration for the communications system which provides telephone, television and data communications to customer sites using fiber optics; as well as for operations and maintenance of data and fiber to the home equipment and software (Operating Support System and Billing Support System). Incumbent works under the general direction of the Engineering & Power Supply Manager and has supervisory responsibilities for a professional and technical staff.

ILLUSTRATIVE EXAMPLES OF WORK (Note: These examples are intended only to illustrate the various types of work performed by incumbents in this class. All of the duties performed by any one incumbent may not be listed, nor does any incumbent necessarily perform all of these duties.)

Supervises and participates in engineering, design, system planning, specification, diagramming, mapping, construction administration and inspection, of a communications system providing telephone, television and data communications to homes, government and businesses. Keeps abreast of latest developments and industry standards in telecommunications industries. Assures plans include adequate system reliability and demand criteria. Oversees and performs analyses of telecommunications and control systems. Supervises staff engaged in system planning and computer modeling of the Lafayette Utility System's telecommunications components.

Leads and participates in design, specifications, bid packages, and the evaluation of bids, inspection of work in progress, may approve change orders and contract payments for communications system related work.

Supervises operations and maintenance staff responsible for the head end video, telephone and data communications system. Supervises staff responsible for Operating and Business Support Systems. Performs related work as required.

NECESSARY KNOWLEDGE, ABILITIES AND SKILLS

Thorough knowledge of technology and standard industry practices of telecommunications businesses using fiber optics to the customer premises.

Thorough knowledge of methods, materials, and construction standards for telecommunications system equipment, structures, circuits and protection.

Knowledge of video, telephone and data head end systems.

Ability to analyze and project growth and need for additional capacity of the systems.

Ability to form and maintain effective working relationships with other Utility personnel, customers, elected officials and general public.

Ability to communicate clearly, verbally or in writing.

Ability to perform accurate computations and projections under stressful or hurried conditions.

DESIRABLE QUALIFICATIONS

Substantial working experience in design, construction and operations of data, video and voice communications systems using fiber optics to consumers locations, or an equivalent combination of education and experience.

NECESSARY QUALIFICATIONS

Baccalaureate degree in Electrical Engineering and Registration as a professional engineer in the State of Louisiana or a state granting reciprocal recognition of registration.