

## **POWER PLANT OPERATIONS SUPERVISOR**

### **PURPOSE AND NATURE OF WORK**

Position is responsible for all operations activities of a large fossil fueled power generation plant, which include training, scheduling and evaluating work of technicians, coordination and following up on maintenance, preparing records and reports on status and cost of operating units. Position reports to the Power Plant Superintendent and has supervisory responsibilities for Foremen, Technicians and Apprentices.

**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.)

Reviews status, condition and availability of units, combustion turbine engines, generators, boilers, fuel, treated water, fire protection, as well as controls, sensors and related equipment, makes recommendations and uses independent judgement on operation. Reviews efficiency, quality, components and controls of plant processes such as combustion turbine engine, chiller, burner operation, boiler / condenser operation, water treatment and makes adjustments as necessary. Keeps abreast of cost of fuel, efficiency of units, potential production and its cost; prepares and updates the generation report. Schedules work hours of Shift Foreman and Technicians, approves leave requests, evaluates performance, counsels and trains as necessary. Interviews potential operator / maintenance technicians, recommends hiring and assignment to apprenticeship program, conducts training, evaluates progress and performance. Makes efficient use of technicians' time through supervising and participating in inspection, cleaning and minor maintenance of equipment, apparatus and plant components. Schedules preventative maintenance work. Teaches and insures safe entry and work in confined spaces and around operating machinery. Supports and participates in a variety of administrative, analytical, reporting and regulatory compliance activities.

Performs related work as required.

### **NECESSARY KNOWLEDGES, ABILITIES, AND SKILLS**

Thorough knowledge of the generating plant's layout and equipment as well as its operation, controls and safety requirements.

Thorough knowledge of the generating plant's processes and operating procedures, including boiler water treatment.

Thorough knowledge of short term gas purchasing, generation unit efficiency and costs of supporting varying loads at varying times.

Knowledge of policies, procedures and permits related to generating plant internal and external regulatory compliance, including environmental.

Ability to monitor large numbers of indicators, interpret readings, analyze plant processes and make adjustments to improve or maintain safe, efficient and economical operation.

Ability to read, understand and effectively use plant equipment manuals, diagrams and troubleshooting guides.

Ability to communicate clearly, as well as teach, train and evaluate employee performance objectively.

Ability to form and maintain effective working relationships with technicians, mechanics, contractors, employees and the public.

### **DESIRABLE TRAINING AND EXPERIENCE**

High School with vocational / technical training in industrial plant operation and maintenance, supplemented with substantial prior working experience in generation plant operations, or an equivalent combination of education and experience.