

POWER PLANT OPERATIONS SHIFT SUPERVISOR

PURPOSE AND NATURE OF WORK

Positions in this classification serve as rotating shift supervisors in charge of day-to-day operations at all Lafayette Utilities System's (LUS) electric power generating stations and the LUS Pipeline Custody Transfer Station. Incumbents are required to travel between all electric generating stations and the LUS gas-yard supporting unit operations, troubleshooting and solving problems that arise, performing environmental and analytical maintenance tasks, providing emergency response, training subordinates, evaluating maintenance activities, and acting as plant contact to coordinate activities with other divisions and contractors. Incumbents work under the general direction of the Power Plant Operations Supervisor and exercise supervision over shift foremen and technicians. Work is potentially hazardous. Incumbents work a 12-hour rotating shift and are subject to additional overtime.

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.)

Provides continuous night, weekend, and holiday operational and troubleshooting support at a supervisory level. Performs manual calibration of CEMS and water treatment analyzers, inspects all plants and identifies corrective maintenance needs. Monitors progress of maintenance and unit operating activities, on-site operating conditions, and provides real-time status reports to the Power Plant Operations Supervisor. Assigns work to operations personnel on shift. Completes MP2 records for plant productivity and work order tracking reporting. Provides supervisor level emergency response to all LUS generating stations, minimizing mobilization delays, and providing support to single operators at T. J. Labbé and Hargis-Hebert during emergencies. Covers gaps in shift schedule due to worker illness, leave, training, startup demands, severe weather, etc. Participates in unit start-ups, providing experienced support on infrequently performed, complex, and safety-critical operations. Performs equipment isolations at all stations. Performs advanced level troubleshooting on demineralizers, reverse osmosis systems, and other water treatment and chemical feed systems. Participate in daily planning meetings to help plan and coordinate work. Performs related work as required.

NECESSARY KNOWLEDGES, ABILITIES, AND SKILLS

Extensive knowledge of plant equipment, systems, processes, operating and troubleshooting procedures for high pressure systems, turbines, generators, and related equipment in a power plant.

Thorough knowledge of all applicable industry standards, practices, and regulations.

Knowledge of power plant water chemistry, handling of hazardous materials, and related environmental science.

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

Ability to work safely and supervise work around plant chemicals and hazardous materials.

Ability to bring combustion turbine generator units from a cold start to stable, synchronized, on line operation.

Ability to use complex control systems and common and industry specific computer software as required for plant control and supervisor level functions.

Ability to climb, lift 50 pounds, work at heights, enter confined spaces, i.e. manholes, work in high temperatures and high noise levels.

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

Ability to read understand and interpret technical manuals, schematics, P&ID's, as well as to put the information into practice to oversee plant operation.

Ability to perform duties and direct personnel calmly and effectively in emergency and time critical conditions.

Ability to observe work and remain alert while working under stress and adverse conditions for extended periods of time and at irregular hours.

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

DESIRABLE TRAINING AND EXPERIENCE

High school diploma or equivalent, completion of Power Plant Technician training program, extensive working experience as a Power Plant Shift Foreman (or equivalent position) in a high pressure steam turbine and/or CTG utility power generating station, or any equivalent combination of education, training, or experience.

NECESSARY QUALIFICATION

Must obtain certification for forklift operation within 6 months of appointment.