

**MAJOR FUNCTION**

This is an apprentice training program designed to provide the knowledge, skill and experience needed to qualify for Power Plant Control Room Operator. The apprenticeship experience consists of study and work in the respective specialized area. Class incumbents must make satisfactory progress as the training program develops to include more complex and hazardous demands. Work is performed in accordance with established policies and procedures under the general direction of supervisory or journey level workers. Work is reviewed through inspection of work in progress and upon completion. Advancement in the apprenticeship program will be dependent upon successful demonstration of mastery of the required competencies for the applicable apprenticeship progression.

**ESSENTIAL AND OTHER IMPORTANT JOB DUTIES****Essential Duties**

This is a multiyear apprenticeship program that moves an individual from the most basic power plant operations duties to the journey level duties as a Control Room Operator. Over the course of the program, the incumbent will: Work rotating shifts; Participates in training (classroom & OJT); Learn and demonstrate operational competencies in the various power generation systems including condensate, feedwater, fuel systems, steam turbine/generator operations, combustion turbine/generator operations, reciprocating engine/generator operations, combined cycle unit operations, zero discharge facilities, SCR's, switchyard, and related auxiliaries; Check control room interface for proper operation of equipment and reports abnormal conditions and take appropriate action; Assist in the operations of the generating units by regulating and adjusting duties to maintain proper output of the generating units while operating within the design parameters, synchronization of generating units; Assist in the closing and opening of switchyard circuit breakers and associated disconnects per switching orders; Assist in making the necessary adjustments to maintain generator voltages and unit power factor; Assists in the execution of equipment Clearances; Safe Work, Confined Space, Hot Work, and Excavation Permits as required for maintenance activities. Maintains proper documentation of unit operations per plant requirements. Maintains proper records of apprenticeship requirements. Performs clean-up in the general work area when regular assignments are completed. Participates on the plant hazardous material and oil spill response teams.

**Other Important Duties**

Performs other duties as required.

**DESIRABLE QUALIFICATIONS****Knowledge, Abilities and Skills**

Progressively increasing knowledge of methods and technology essential to the appropriate line of progression. Progressively increasing knowledge of power plant operations and maintenance practices and procedures. Progressively increasing knowledge of applicable safety work practices and rules. Progressively increasing knowledge of occupational and environmental hazards associated with general maintenance and operations. Ability to develop the skills required for the journeyman level work in the respective area of progression. Ability to learn through the theory and application of practices and principles as they relate to the specific line of progression. Ability to follow oral and written instructions, read technical manuals and blueprints. Ability to work cooperatively with other employees and employ good judgment in complying with instructions and safety measures. Ability to work in adverse weather and operating conditions, must be physically able to perform heavy manual tasks. Ability to work at heights, climb ladders and work in enclosed spaces.

Minimum Training and Experience

Possession of a high school diploma or an equivalent recognized certificate.

Necessary Special Requirements

Must be at least 18 years of age.

Must be medically certified to wear a respirator and pass a respirator fit test prior to employment.

An employee assigned to the Purdom Power Plant, or who may be occasionally required to have unescorted access to the Port Facility portion of the Purdom Power Plant, as determined by the General Manager-Electric & Gas, must obtain Transportation Workers Identification Credentials (TWIC) within 90-days of employment, and must maintain such credentials throughout his/her period of employment in that capacity as a condition of continued employment.

Must possess a valid Class E State driver's license at time of appointment.

Individuals in this classification must be able to work rotating shifts of 12 hours in length that cover 24 hours a day 7 days a week.

Individuals in this classification must be available to serve on-call and are subject to having to work outside of their assigned shift/schedule to meet operational needs.

Individuals in this classification are considered essential during emergency and storm situations and must be able to work 16 hours per day for extended periods of time and may be required to be away from their family.

Must be able to distinguish between red and green.

Applicants for this classification must be able to pass the City of Tallahassee-Electric & Gas Utility pre-employment screening and assessment program.

Individuals in this classification are in an apprentice program that is an "up or out" program. As such, they must show continued advancement through the program or will be subject to termination.

Must obtain within one year, and maintain for continued employment, HAZMAT and oil spill certifications within one year of employment.

Established: 09-20-03

Revised: 06-16-08

09-06-12

09-13-19

09-23-19

12-09-19