

Job Title: Power Plant Operator

Location: Koma Kulshan Hydroelectric Facility; Concrete, Washington

Reports to: Plant Manager

Summary:

The purpose of this position to support the overall operation of two water intakes and the powerhouse to maximize the reliability and efficiency of the electrical generating systems. The operator responsibilities includes operating the plant in compliance with safe operating procedures and conditions. The operator is required to perform a weekend duty on a rotating basis with the other operators.

Job Description:

The operator is expected to become competent to perform the following tasks during his/her prescribed training term:

- Work safely with every task;
- Conduct daily plant and intake inspections;
- Conduct safety inspections;
- Keep accurate logs and reports;
- Monitor security systems;
- Operate heavy equipment;
- Have a valid driver's license;
- Operate an assortment of hand tools including chain saws;
- Conduct routine and preventive maintenance in support of the reliability of the plant;
- Help develop procedures in the calibration and maintenance of plant instrumentation and operation;
- Continuously review control strategies to maximize plant efficiency, reliability and flexibility;
- To perform research and investigation of equipment failures or other chronic problems in order to develop and recommend solutions concerning plant control systems;
- To review and provide appropriate input concerning any recommendations about practices, procedures, system requirements or improvements in order to facilitate maintenance schedules, short or long rang plans;
- Coordinate maintenance and equipment outages with other Technicians, as required;

- Demonstrate a high level of performance and behavioral skills, including the ability to multi-task, and make independent decisions, strong verbal and written communication skills, strong organizational skills, with the ability to manage in a dynamic high work volume environment with shifting priorities;
- Demonstrate a strong focus on safety, an interest in continuous improvement, strong team work skills, with an ability to establish effective working relationships with a variety of people;
- Review specifications of newly acquired equipment. Coordinate the operational testing and the verification of quality and quantity of such equipment in order to make recommendations concerning the equipment acceptance;
- Work on a rotating schedule to cover weekend duty and holidays;
- Assist in developing plant safety procedures and JSA procedures;
- Carry and respond to a company cell phone at all hours of the day to react to plant emergencies.

Requirements:

Knowledge and Technical Skills

- Understand and demonstrate good computer skills;
- General knowledge of hydroelectric operations, safety and environmental procedures;
- Demonstrate good oral and written communication skills.
- Demonstrate good organizational skills;
- Demonstrate good housekeeping skills;
- Demonstrate the ability to function as a member of a team;
- Demonstrate the ability to work with little or no supervision;
- Knowledge of plant safety and clearance procedures;
- Troubleshooting ability.

Physical Requirements:

- Ability to perform manual tasks including but not limited to:
 1. Shoveling
 2. Operating a chain saw and chopping wood
 3. Raking
 4. Operation of heavy equipment
 5. Operation of a snow mobile
- Ability to lift at least 80 lbs
- Ability to bend and maneuver to tight cramped quarters
- The ability to work in all types of weather that will include heavy snow and severe cold temperatures
- Ability to communicate clearly with plant personnel. Ability to give and receive instructions over a radio



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- Ability to see clearly; safely and readily identifying the labels, gauges, dials, and indicators typically encountered during plant inspections
- Ability to enter confined spaces