

JOB DESCRIPTION

Job Title: Plant Operator Position Number: 92-08

Incumbent: VACANT Effective Date: May 2024

Status: Permanent Pay Level 7 Bargaining Unit: X Yes No

Supervisor's Title: Sr Plant Operator Department: Operations

SUMMARY

Participates as a member of the Mechanical Maintenance team and is responsible for the safe and efficient operation of the electrical generating units: hydro, diesel and gas and their respective auxiliary equipment. When on shift, this role acts as the Operator in Charge and occasionally oversees contractors on site.

DESCRIPTION

1. Adheres to the Corporation's high safety standards by following approved safe working plans and worker administered and operator administered protection plans.
2. Operates and monitors prime movers: hydro, diesel and gas, and auxiliary equipment on the Yukon power system under the direction of the operating authority. Logs all necessary readings.
3. Performs daily/weekly/monthly plant checks and unit readings on plant generating and peripheral equipment. Reports all deficiencies directly to supervisor if required or by creating a work request.
4. Manages contractors for specific operational activities including plant, building and water conveyance maintenance as well as snow removal.
5. Manages the seasonal transitions in plants and water management structures on time as per license agreements.
6. Monitors and adjusts building heat, airflows and cooling water flow and performs site security at facilities.
7. Performs meter reading as required.
8. Assists in system restoration and provides troubleshooting support following a system disturbance.
9. Manages the plant parts inventory by arranging orders, accepting deliveries and tracking stock.

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10. Assists or performs maintenance on mechanical equipment and water conveyance systems as required with a high level of autonomy while relying on experience and trade knowledge.
11. Monitors and records all lake levels and flows as well as operating all water control structures.
12. Maintains clean plants and surrounding areas. Ensure all chemicals and hazardous materials are correctly stored as per WHMIS and MSDS sheets.
13. Acts as initial site lead in the event of an emergency on site.
14. Provides plant and LNG facility orientations to employees and contractors as required.
15. Manages the unloading of LNG into the pressure storage vessels.
16. Provides relief coverage for Aishihik, Mayo hydro, Dawson diesel, and Faro diesel plants as required.
17. Maintains the confidentiality of all Corporation information. Adheres to all Corporation policies, procedures, and guidelines.
18. Other related duties

WORKING CONDITIONS

Works in proximity to high voltage, spinning equipment, confined spaces, and pressure vessels. Exposure to open water and plant environment. Travel and periods of immediate stand-by coverage are the requirements of this position. Involves a rotation shift schedule that may require working on weekends and statutory holidays. May be exposed to inclement weather while working outside and when traveling.

KNOWLEDGE, SKILLS, AND ABILITIES

- Preference for 4th Class Power Engineering Certificate or relevant trade experience.
- Experience operating heavy equipment.
- Proven history of operating electrical generation equipment.
- Strong client service orientation.
- Experience with Windows based computer software applications.
- A proven track record and commitment to safe procedures and encouraging a safe work environment.
- WHIMIS, confined space and forklift training.
- LNG specific training (cryogenic properties and hazards).
- Experience with LNG offloading would be considered an asset.
- A valid Yukon class 5 driver's license.
- A valid First Aid certificate.
- Ability to work in a team and cross-cultural environment.