



Kimberly-Clark Terrace Bay 20 MW Steam Turbine Generator Installation

Location: Terrace Bay, Ontario, Canada

Client: Kimberly-Clark

Gryphon Contact: Jim Noordermeer

Associate Firm V.B. Cook Co. Limited

Project Summary Gryphon International Engineering and V.B. Cook Co. Limited, in a joint venture, were the engineers for the design and installation of a 20 MW load displacing backpressure steam turbine generator in a new building adjacent to the existing Number 4 Power Boiler building. The turbine generator supplies the mill low pressure steam system while offsetting purchased electricity.

Project Services Gryphon Staff

- Steam turbine generator contract coordination.
- Steam piping design and layout.
- Turbine hall layout.
- High voltage system modifications and coordination with the utility for interconnection.
- Boilerhouse steam control system modifications.

V.B. Cook Staff

- Overall project coordination.
- Civil/structural design.
- Electrical/instrumentation design.
- Building service piping and utilities.
- Pipe support design assist.



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