



OPG Naticoke GS Coal Fired Boiler Pulverizer Protection System Addition

Location: Naticoke, Ontario, Canada

Client: OPG - Wardrop-Gryphon Alliance

Gryphon Contact: Paul Durkin

Associate Firm Wardrop Engineering Inc.

Project Summary Ontario Power Generation (OPG) Naticoke Generating Station has eight (8) 505 MW coal fired B&W boilers. Five (5) Mitsui Babcock pulverizers supply pulverized coal to each of the boilers. The plant typically operates on a Powder River Basin (PRB) coal and US Low Sulphur (USLS) coal mix.

Wardrop Gryphon Alliance (WGA) designed a steam inerting and pyrites removal system for the pulverizers at the Naticoke facility. The purpose of the pulverizer mill steam inerting system is to provide a safe and reliable means of preventing mill fires and potential explosions.

Project Services Gryphon provided the following Services:

- Preparation of cost estimate and project schedule.
- Design of new pulverizer pyrites removal and steam inerting system.
- Technical specifications and installation of mechanical, electrical, and instrumentation and controls equipment.
- Review of equipment specifications and contract budget quote.
- Provision of engineering support during construction and pre-commissioning.



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