



Cornell Central Heating Plant Steam Boilers Addition

Location: Ithaca, New York, USA

Client: Cornell University

Gryphon Contact: Paul Durkin

Associate Firm Galson Technical Services Environmental Consultant

Project Summary The Cornell University Central Heating Plant was upgraded and expanded by the installation of two 110,000 lb/hr, 400 psig, 600°F superheated steam boilers burning natural gas or no. 6 fuel oil to replace two existing boilers. The project also included one boiler feed pump, steam pressure reducing/ desuperheating system, extensive boilerhouse building modifications, expansion and upgrading of the distributed control system.

Project Services Gryphon provided the following Services:

- Preparation of main equipment bid specifications, bid reviews, and procurement recommendations.
- Detailed engineering and designs for all installation/modification work (architectural, civil, mechanical, electrical, and instrumentation and controls).
- Preparation of installation contract specifications.
- Monitoring of site installation work and commissioning.
- Review of all vendor drawings and documents.
- Engineering and design to support the environmental assessments and permitting applications prepared by associated New York environmental consultant.



Gryphon International Engineering Services Inc.

80 King Street, Suite 404, St. Catharines, Ontario, Canada L2R 7G1

Phone: (905) 984-8383 Fax: (905) 984-8394

e-mail: gryphon@gryphoneng.com www.gryphoneng.com

1017-0909