



# Boiler Plant

National Institute of Standards & Technology  
Gaithersburg, MD

## OWNER

United States Government  
National Institutes of Standards &  
Technology  
Gaithersburg, MD

## DATE OF COMPLETION

February 1999

## CONTRACT TYPE

Type

## CONTRACT AMOUNT

Original: \$ 4,547,091.00

Final: \$ 5,768,000.00

*(owner generated change orders  
totaled \$1,227,909)*

## POINT OF CONTACT

Mr. Robert Moore  
301-975-6900

## PROJECT DESCRIPTION

### *Boiler Capacity Upgrade, Building 302*

Green Contracting was the General and Mechanical Contractor for this project. The scope of work included installing a 4,000 S.F. building addition, furnish and install two-80,000 PPH 250 psig design "D" boilers, two new D.A. tanks, condensate rec. tank, new softeners, new feedwater and condensate pump, replacing all feedwater and condensate piping; replace existing controls and new DCS System. Green Contracting was responsible for replacing the four fuel trains on four existing boilers, and replacement of safety valves, installation of 4,400 L.F. of 8" gas main.



Construction of project had to be completed without disruption of existing plant operations. The increased scope of work included recasing four existing boilers, addition of gas lines and replacing fuel oil pumping system.

This project was completed 2-1/2 months ahead of schedule.

### *Green Contracting's personnel:*

Project Manager: Charles J. Helm, Jr.

Project Coordinator: James Claytor

Field Superintendent: Zeke Gibson