

# 2003 EXCELLENCE IN HOT-DIP GALVANIZING INDUSTRIAL

## RAVENSWOOD POWER PLANT *American Galvanizing Company*



Location:  
Long Island City, New York

Fabricator: Cives Steel Co.

Engineer:  
Stone & Webster

Owner:  
KeySpan Energy Systems

The Ravenswood Power Plant was originally destined to receive a three-coat paint system as its corrosion protection method. However, the project's owner, KeySpan, quickly changed direction once the long-term maintenance costs for the massive structure were calculated. In the end, hot-dip galvanizing was selected for the corrosion prevention method.

Seventy-five percent of the power plant — 3,000 tons — was hot-dip galvanized, including its beams, girts, bracing, plates, rails, and stairs. This immense task involved extensive special handling — the galvanizer was responsible for the sorting, sequencing, marking, and bolt-up assembly. In addition, abrading the faying surface of the bolt areas was essential to the fabricator getting the job.

The finished Ravenswood Power Plant demonstrates that a good working relationship and communication between a galvanizer, fabricator, and general contractor can result in an on-schedule, cost-saving project. It's also proof-positive that a galvanizer will do whatever it takes to help its customer garner the best results possible.

