

CONTRACT # 14839

COMPANY:

Public Service Company,
Weleetka Power Station,
Weleetka, Oklahoma.

INSTALLATION:

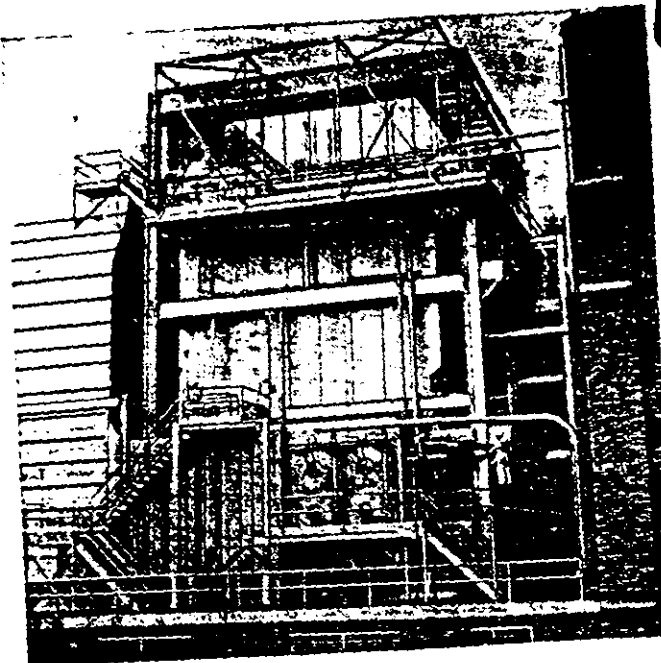
Babcock & Wilcox water
wall boiler -- gas, oil,
or coal-fired -- steam
output = 330,000 lbs./hr.

OPERATING TEMPERATURE:

835° F. -- steam pressure
700 lbs.

REMARKS:

Outdoor location requires
efficient insulation.
Insulation on breeching
must be weatherproofed.



PLAINTIFF'S
EXHIBIT

ACS-104

Outdoor boiler suspended in air cuts installation costs

Complete Insulation Contract Service

A satisfactory insulation contract is more than a bid on a set of specifications. There are other factors that cannot be written into a proposal but which can largely determine whether or not the agreement will be entirely satisfactory. They include:

1. Financial responsibility — resources to complete the contract despite any unforeseen events.
2. Integrity—a reputation for quality work and for prompt settlement of any justified complaints.
3. Technical ability — experience, plus technical and research staff to complete the work in accordance with best practices.
4. Manpower resources — trained supervisors and workmen able to handle any contract efficiently.
5. Efficiency—ability to handle accurately things like accounting, tax provisions, insurance, and workmen's compensation.

You get all these with an
Armstrong Contract

By suspending this boiler in air, the Public Service Company of Oklahoma, greatly reduced the cost of foundation footings, saved appreciably on construction costs. The suspension method also relieved the problems caused by expansion and contraction of boiler sidewalls.

This photo shows part of the supporting steelwork, as well as the breeching (left), and the spring loaded hangers that carry the main steam header.

To boost efficiency and cut operating costs, all major elements of this outdoor boiler were insulated by Armstrong's contracting organization. A 2" layer of Hy-Temp block was used on the boiler front wall, while the furnace front wall was insulated with 4" of Hy-Temp block. Insulation of both walls is covered with a metal casing bolted to the boiler proper. The breeching was insulated with 2½" of 85% Magnesia block and weatherproofed with Armstrong's Insulmastic.

When you contract with Armstrong for heat insulation work, sound engineering, quality materials, and skilled application assure you of a thoroughly professional job. The next time you're in the market for insulation, why not get in touch with this dependable organization. Just call the Armstrong office nearest you or write directly to Armstrong Cork Company, 7007 Maple Avenue, Lancaster, Pennsylvania.



ARMSTRONG'S INDUSTRIAL INSULATIONS