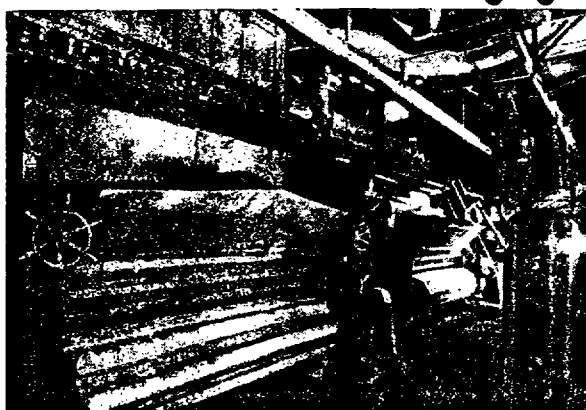
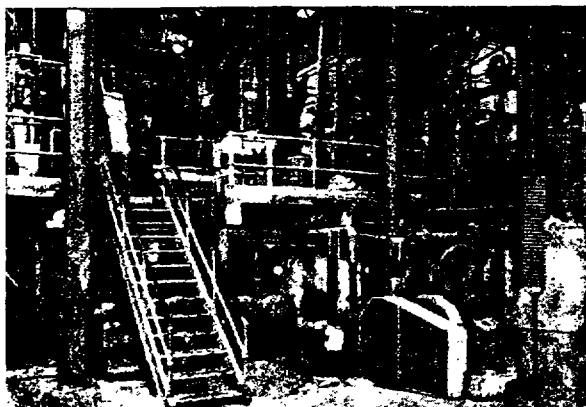


Flintkote Company *Modernized* a Power Plant



when Flintkote Company modernized its power plant at its Ridgefield Park, N. J. building-paper mill it went all out

and now gets

20% more steam

21% more efficiency

33% savings in fuel cost

33% less maintenance costs

PLAINTIFF'S EXHIBIT

RS-173

... proving that it pays to modernize

CONGRATULATIONS

to The Flintkote Company for its citation received in POWER'S 1955 Modernization Program

Five out of twelve citation winners for their modernization of steam-power facilities feature Riley Steam Generating Units and Riley Fuel Burning Equipment



the others are:

Bendix Products Division, Bendix Aviation Corp., South Bend, Ind.

Carbide & Carbon Co., Blaine Island, So. Charleston, W. Va.

The Garlock Packing Co., Palmyra, N. Y.

The Pennsylvania Railroad, Juniata Shops, Altoona, Pa.

FLINTKOTE'S PROBLEMS:

- Increase steam capacity to provide 20% margin for future requirements.
- Increase steam generating efficiency.
- Utilize two lower cost fuels, bituminous coal and #6 oil, in place of anthracite.
- Provide for possible future shortage of one of these fuels.
- Reduce average \$20,000 annual maintenance cost.
- Complete modernization without interrupting production
- Utilize existing plant building.

RX:

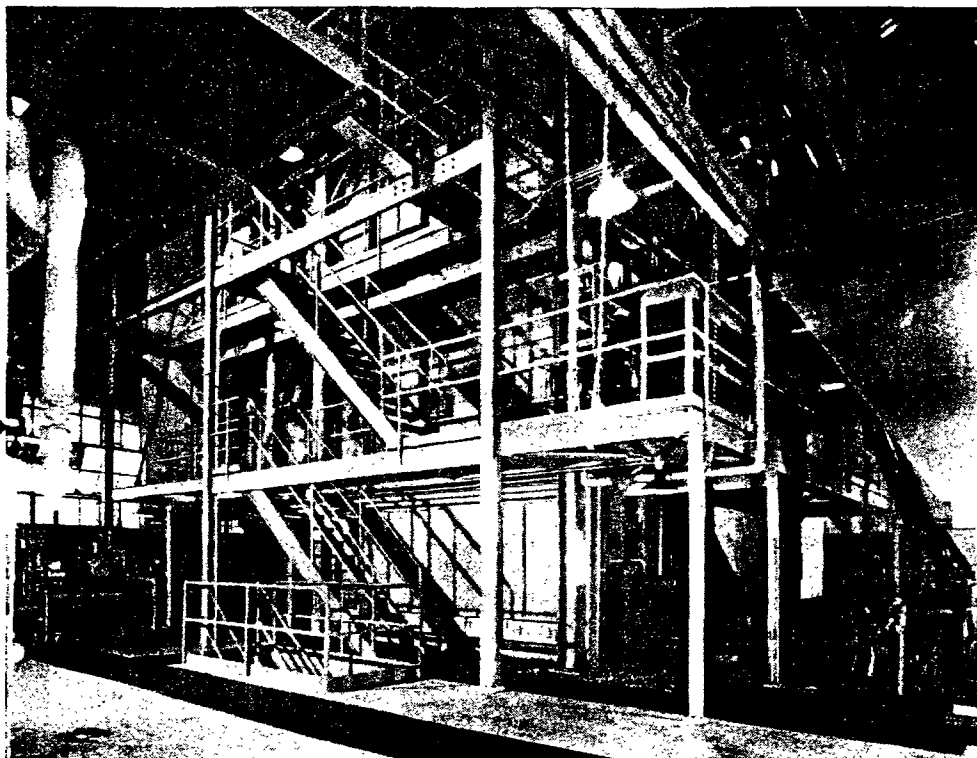
- Replace two older stoker fired units burning anthracite with a Riley Unit fired by Riley Flare Type Burners and Riley Pulverizers.
- Overhaul and convert one of the three old units to oil firing as standby unit.
- Provide automatic combustion controls and up-to-date coal handling and ash removal systems.

RESULTS:

- Work was accomplished without interruption to paper mill production: tie-ins were made during normal plant shut-down.
- Operators were thoroughly trained to fire new fuels and equipment.
- Efficiency increased from 71% to over 86%.
- Fuel costs were lowered from 67.5c per 1000 lbs. of steam to 46c per 1000 lbs. of steam with a total annual savings in fuel costs of \$55,000 plus a substantially reduced maintenance cost.

RILEY designs, engineers, manufactures and erects complete steam generating units for Public Utility Central Stations and Industrial Power and Heating Plants

and now saves \$55,000 on fuel costs alone



RILEY Steam Generating and Fuel Burning Equipment

Engineering Data of Equipment furnished to Flintkote Co. by RILEY

One 60,000 lbs/hr RX Steam Generating Unit
complete with Riley Air Heater, Superheater and
featuring patented Riley Single Header Hopper
Bottom; Two Riley Flare Type Burners

* One Riley 50 Pulverizer

Guaranteed Efficiency at 60,000 lbs/hr — 85.3%
Actual Operating Efficiency exceeding 86%.

* It will pay you to investigate the savings that
can be affected when you install Riley Pulverizers
to fire boilers of 50,000 to 75,000 lbs/hr capacity.



A survey of your plant by a consulting
engineer could show ways of making
surprising savings in your power costs.

RILEY

Stoker Corporation
WORCESTER, MASSACHUSETTS

Sales Offices: Worcester, New York, Philadelphia, Buffalo, Washington,
Pittsburgh, Cleveland, Detroit, Chicago, Cincinnati, Charlotte, New
Orleans, Atlanta, St. Louis, Kansas City, St. Paul, Houston, Denver,
Salt Lake City, Los Angeles, San Francisco, Portland, Seattle.