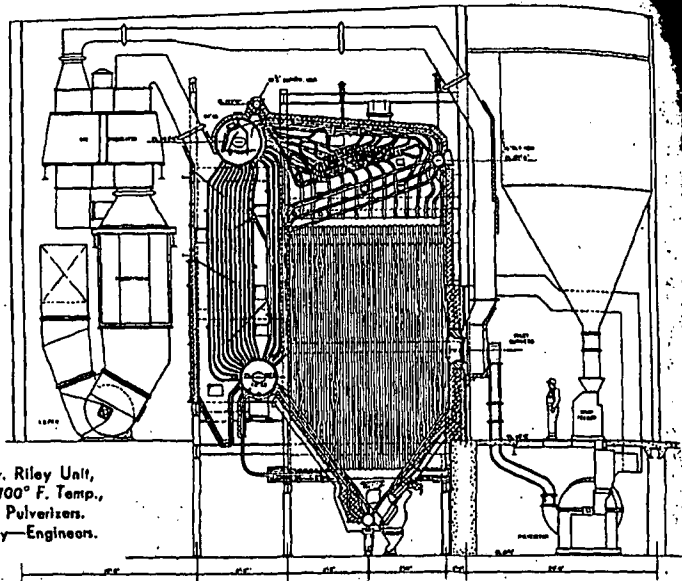




100,000 lbs./hr. Riley Unit,
700 lbs. Press., 700° F. Temp.,
fired by Riley Pulverizers.
Sargent & Lundy—Engineers.

Riley Unit at Northern Paper Mills operating at 88.8% efficiency.

The new 100,000 lbs/hr Riley Steam Generating Unit, fired by Riley pulverizers, recently installed by Northern Paper Mills, is producing steam at efficiencies of over 88%, well above guaranteed performance. The unit has also been operated at more than 30% overloads. Here is another plant where actual reports far exceed Riley's guaranteed performance.

If you install complete Riley Steam Generating Units you likewise are assured of obtaining equally outstanding results and low steam costs. Riley users will tell you so and that you can rely on Riley.

Northern Paper Mills installed their first Riley units in 1938. Like so many companies, after they once install Riley units, they are so well satisfied that they invariably come back for more Riley units when additional steam capacity is required.

HEAT BALANCE

Losses due to—	
Moisture in Fuel	4.0%
Hydrogen	3.3%
Moisture in Air	1.9%
Dry Chimney Gas	5.8%
Comb. in Refuse	1.4%
Rad. Unacet.	.6%
Total Losses	11.14%
Efficiency	88.86%



RILEY

STOKER CORPORATION, WORCESTER, MASS.

Boston New York Philadelphia Washington Buffalo Cleveland Detroit Chicago St. Louis Cincinnati St. Paul
Pittsburgh Kansas City Denver Seattle Portland Los Angeles Houston New Orleans Atlanta Memphis Tulsa

BOILERS • PULVERIZERS • BURNERS • STOKERS • SUPERHEATERS • FLUE GAS SCRUBBERS



NORTHERN PAPER MILLS

GREEN BAY, WISCONSIN
November 5, 1937

Mr. Andrews, Chief Oper. Engr.
Riley Stoker Corp.
Worcester, Mass.

Dear Mr. Andrews:

Thank you for your letter under date of Nov. 3rd and accompanying test report which I find very interesting. I have asked Sargent & Lundy to check the report and if in order to certify your final bill for payment.

I am quite sure this will be taken care of very promptly and a check will be forthcoming.

It is needless to say we are very happy, indeed, with our 88 boiler installation and appreciate especially the very fine service you gave us on the delivery of the boiler and its installation.

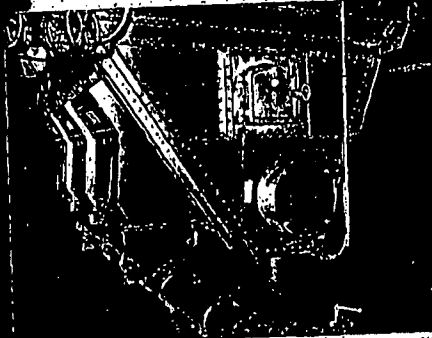
Yours very truly,
NORTHERN PAPER MILLS
H. W. Gochnauer
Chief Engineer

H. W. Gochnauer

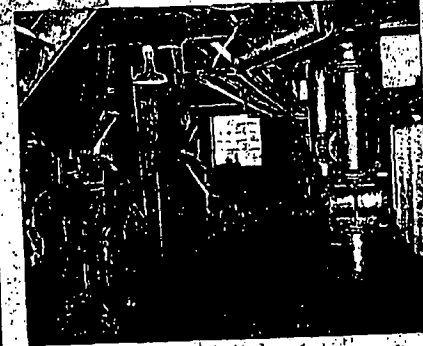
Mr. H. W. Gochnauer, Chief Engineer, Northern Paper Mills says: "Needless to say, we are very happy indeed with our No. 3 boiler installation . . ."



Two Riley Pulverizers fire the new Riley unit at Northern Paper Mills



Single-header, Water-cooled Hopper
Bottom provides easy ash removal



Pulverizer Feeders are located on the operating floor

A survey of your Power Plant by a consulting engineer will possibly show ways of making surprisingly large savings in your power costs

COMPLETE STEAM GENERATING UNITS

it will pay you to visit modern Riley Installations before purchasing Boiler or Fuel Burning Equipment

ECONOMIZERS • WATER-COOLED FURNACES • STEEL-CLAD INSULATED SETTINGS • AIR HEATERS