

A View From The Governor's Office

By Gov. Raymond P. Shafer

Pennsylvania soon will become the site of the world's first facility for converting extremely corrosive stream polluting acid mine drainage into ultra pure water. The plant will be built by Westinghouse Electric Corporation.

tion and will be capable of treating five million gallons of acid water now flowing daily into the Susquehanna River. A site near Wilkes-Barre was selected because of both the large quantity and extremely poor quality of the abandoned mine drainage water in that region.

This plant signifies a new concept in mine drainage abatement because it places the cost of treatment on a pay-as-you-go basis through sale of the water rather than placing the burden on the taxpayers.

Perhaps equally important is the fact that the ultra-pure water produced will be a high quality product that will not only help pay for its operation but can be used to attract new industries to this area.

Pharmaceutical, photographic film or chemical and dye manufacturers could easily locate on available land nearby and take this water directly from the mine drainage treatment plant.

Edward Lashford, President of the Greater Wilkes-Barre Chamber of Commerce, already has announced that his organization is anticipating and planning for future industrial growth in the area.

The treatment plant will employ a unique flash evaporation process developed by Westinghouse in a four-year research program and is similar to the one used in desalting plants that convert ocean or backish water to fresh water.

Contracts signed this week call for Westinghouse to design and supply the technical and professional skills necessary for the plant's multistage flash evaporator system, and to engineer and supervise the general plant construction which will be put out on public bid. Both contracts will be on a cost-plus basis not to exceed \$142 million.

Westinghouse also will guar-

antee operation of the plant and the quality of the ultra-pure water it will produce. Work will be performed by the water province department of the company's heat transfer division at Lester, Pennsylvania.

To withstand the extremely corrosive effects of this particular acid mine drainage, the flash evaporator system will use titanium tubing. A pilot demineralization plant has already treated

more than 50,000 gallons of mine drainage water trucked from the Buttonwood outfall in the Wilkes-Barre area. Design and engineering work on the plant will begin immediately; site preparation is expected to start no later than next January, with actual construction planned for next May. Initial plant operation is scheduled for July, 1971.

The Satisfaction That Comes From Doing A Good Job Of Farming



It's a great feeling to know that you are the master of your farmlands . . . that when you treat your soil right, it will treat you right. Liming is one of the most important factors in keeping your soil in the highest productive range. By raising the pH from a level below 6.0 to 6.5 or higher, you can expect to harvest 7 more bushels of wheat per acre, with similar increases for all other forage and cash crops.

MARTIN'S LIMESTONE

Blue Ball, Pa. 354-4125

Gap, Pa. 442-4148



Why I took my loan business to the Key Bank

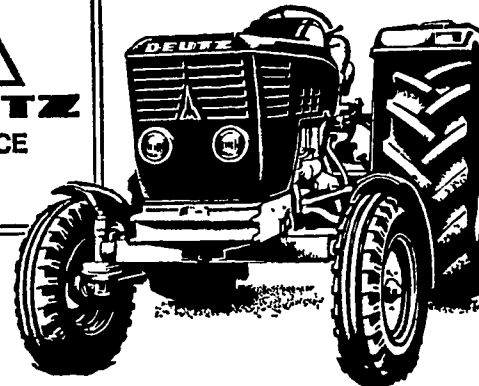
That's where they talk my language. There's Stanley Musselman in the agricultural loan department. He knows farming as well as I do. He gave me some good advice on planning for profitable management — even had some ideas on how I could improve my operation. The cost of my loan was detailed so that I had a clear understanding of where I was headed financially. I recommend the Key Bank to get the best farm management advice and any loan needed to improve your farming operation. Just ask for Stanley Musselman.



LANCASTER COUNTY FARMERS NATIONAL MEMBER F.D.I.C.

These tractors are equipped with the famous DEUTZ Air-Cooled diesel engine . . .

Outperforms any water-cooled diesel engine. Options include all the latest features. Four-wheel drive available.



FREE FIELD DEMONSTRATION

Stauffer Diesel, Inc.

312 W. Main Street

New Holland, Pa. 17557

Phone: 354-4181



FREE SAMPLE COPIES

Copies of LANCASTER FARMING are not always easy to find — they are not sold on newsstands — and perhaps some of your friends may not be acquainted with our weekly service.

We'll be glad to send, without charge, several copies of LANCASTER FARMING to your friends or business associates. Just write their names and addresses below — (You'll be doing both them and us a favor!)

_____	_____
To	To
_____	_____
Street Address & R. D.	Street Address & R. D.
_____	_____
City, State and Zip Code	City, State and Zip Code

(You are not limited to two names. Use separate sheet for additional names.)

_____	_____
Your Name	Address

CHECK here if you prefer to send a Year's (52 issues) GIFT subscription for \$2 each (\$3 each outside of Lancaster County) to your friends listed above. If so \$..... enclosed, or

Bill me later.
Please mail this form to:



P. O. BOX 266

LITITZ, PENNA.