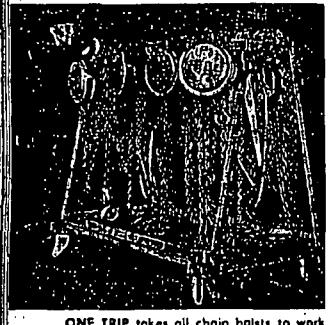


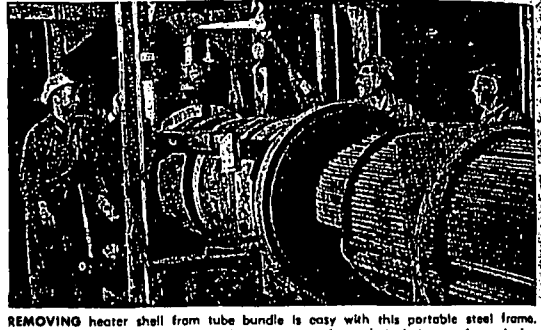
WASHROOM is clean and airy with plenty of room. Cleanliness here encourages clean work habits around the plant machinery



TWO LOCKERS, one for work clothes, the other for dress, enable mechanics to wear best dress clothes to and from the plant



ONE TRIP takes all chain hoists to work and brings them back in good shape



REMOVING heater shell from tube bundle is easy with this portable steel frame. No damage to ceiling, piping or other equipment from chain hoists or from rigging

This Pleasant Place to Work Encourages Good, Safe...

Boilers are reheat type, pressure is 1475 psi at 1010 F. About 30 carloads of bituminous coal are burned daily. Rotary car-dumper unloads one car in *five minutes. Coal mills, in basement,* dry coal with exhaust gas and grind it to talcum-powder fineness. Mechanical dust collectors remove most of the flyash produced.

Kitchen. What impressed me about this plant was the homelike surroundings for operating personnel. When an overtime repair job comes up, for example, men wash and go into a pleasant dining room. In the meantime, one of them has prepared a hot balanced meal although he may not know anything about cooking. How? Frozen dinners are the answer.

Kitchen has a 10-cubic-foot refrigerator, packed with frozen dinners. There is a choice of Swiss steak, pot roast, haddock or beef stew. Mechanic puts on asbestos gloves, removes from refrigerator the dinners that men ask for and places them on trays, then in an electric oven. In a few minutes meals are ready. Drawers are filled with plastic spoons, knives and forks. Electric heater gives instant hot water. Tea bags or instant coffee placed in a paper cup of hot water does the rest. There are also paper containers of milk.

When the meal is finished, men dump contents of their trays in a garbage can. There is nothing to wash or clean up because plates and cups are throwaways. Boy, what a housewife would give for this setup!

Locker Rooms. Sparkling locker and washrooms are another eye opener. Each man has two lockers, one for his work outfit, another for clean clothes. There is plenty of space in these rooms for all. Showers and washrooms have everything any man would expect in his own home—and more.

Manuals. To make sure each man knows his job, he is given a 300-page operation and maintenance manual, prepared for this plant. Flow diagrams, sketches and data break down the complex systems and equipment for easy studying. Manuals are enthusiastically received. Loose leaves are added, or removed, as time goes on and changes are made.

Tools. John Miller told me they went to extra expense in cutting down on manual work. For example, they have



MANUAL on operation and maintenance prepared for this plant is given to each employe so he knows his job, feels at home



PORTABLE workbench has spotlight, vise and grinding wheel, is well-stocked with tools, saves many man-hours on the job



COLORED adhesive tape on control panels forms schematic diagrams of various systems. Each system has a different color



INCINERATOR burns trash before it has a chance to spread around. Trash is always a problem in a pulverized-coal plant

...Work Habits, Holds Responsible Men for a Long Time

a portable tool bench that has proved very useful, as have many power tools and precision instruments. Tool bench has drawers of tools, electric spotlight, vise and grinder. It's quickly wheeled to repair job with needed tools, extension cord plugged into nearest outlet and ready for action. No running back and forth to tool room every few minutes. It pays for itself in the time saved.

Practical Aids. When chain hoists are needed, a special floor truck with eight hoists is pushed to the job. Because hoists are kept on this truck when not in use, there is no extra handling.

For routine maintenance jobs that come up periodically, special practical aids are built. One is a portable steel frame made of channel iron for suspending a feedwater heater shell when removed for coil repair. This not only saves work, but piping or overhead isn't damaged with suspended rigging.

Photo of this rig tells a second story. Large spiral-wound gasket shown is supported inside a sheet of stiff cardboard. First gasket is placed on cardboard and sharp knife guided around outside while cutting. Then gasket is placed inside opening in cardboard and tied with thin string in four places. Cardboard holds gasket in perfect circle, which prevents damage and helps position it when closing heater. This method is good for placing gaskets in many tight places.

In the large control room I ran into another neat trick. Plastic tape in various colors makes schematic diagrams on control panels. That helps operators identify lines and circuits at a glance. New operators also learn systems quickly.

Clean Plant. Trash removal is always a problem where only powdered coal is burned. Incinerator recently installed at this plant has solved that headache. Trash is burned before it becomes a nuisance.

First impression when entering Titus plant is that this well-organized place moves like clockwork. Everything has a place and every place is orderly. People are pleasant and seem to be enjoying life while doing their work. Like many other plants I've visited, this one is not merely a place to work, it is also a way of life—an American way of life. And employe conveniences have played a large part in making it so.