

PLAINTIFF'S EXHIBIT

ASA-895

WORTHINGTON



*Make 2 prints for
El Paso
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WORTHINGTON PUMP AND MACHINERY CORPORATION

WORKS OFFICES AND REPRESENTATIVES
THROUGHOUT THE WORLD

GENERAL OFFICES, HARRISON NEW JERSEY

CABLE ADDRESS
WORTHINGTON NEW YORK

RECEIVED

JUL 25 1949

EL PASO SMELTING WORKS

303 NORTH OREGON STREET
EL PASO, TEXAS
TELEPHONE 3-0921

July 22, 1949

Subject: 5000 KW Generating Unit
SO-6300

American Smelting & Refining Co.
El Paso Smelting Works
El Paso, Texas

Attention: Mr. L. W. Frewin
cc: Mr. E. McL. Tittmann

Gentlemen:

We refer to our conversation of July 5th wherein you requested definite information as to what we expect to do with the generator in order to reduce the temperatures in the rotor; and your request to our Mr. W. E. Danver of July 9th. We also wish to answer Mr. McL. Tittmann's letter of July 19th.

We have now received word from our Electric Machinery Mfg. Co. advising that:

- No. 1. We intend to replace the blowers on each end of the shaft with corresponding baffle changes and install a larger air cooler with corresponding air duct changes.
- No. 2. The fan and baffle changes will require not plant changes since they are changes to the generator itself only.
- No. 3. The only changes required to outside equipment in the cooler exchange is that the water pipes to the cooler will have to be shortened 6-7/8". Otherwise the location of the pipes is the same.
- No. 4. The high temperature reading referred to in your discussion with our Mr. Danver is felt to be due to extraneous resistance in the temperature detector wiring.

Our Electric Machinery representative will require one skilled mechanic and one helper to take care of his portion of the work.

Electric Machinery advise that they will be unable to make

POWER PLANT EQUIPMENT - TURBINES & TURBINE-GENERATOR SETS - DIESEL & GAS ENGINES - PUMPS & COMPRESSORS - AIR CONDITIONING & REFRIGERATING EQUIPMENT
POWER TRANSMISSION EQUIPMENT - CONSTRUCTION & MINING MACHINERY - LOCOMOTIVE FEEDWATER HEATERS
WELDING & ASSEMBLY POSITIONING EQUIPMENT - LIQUID METERS

ASARCO ELP 0006083

Shipment until July 28th and are tentatively planning to have their man here on August 9th. This date will have to be agreed to by our Steam Turbine Service & Erection Department in order that they will be able to have a man present at the same time the Electric Machinery man is here.

We wish to advise further that the air cooler for the generator was shipped July 11th, directly to your Smelter.

We also have been informed by our Steam Turbine Service & Erection Division that their service man will require a shut down of approximately two weeks to properly install the labyrinth packing on this turbine, assuming no other difficulties encountered.

They furthermore advise that they are replacing the oil pump on this unit, substituting a pump with a sleeve instead of needle bearings, to insure greater reliability. The installation of this pump is to be handled as part of the inspection by our Wellsville service man.

Our Wellsville Service & Erection Department estimate the following skilled and semi-skilled men should be available:

- 2 - skilled mechanics
- 2 - Helpers
- 1 - Crane operator
- 1 - Machine tool operator

They furthermore advise that they intend to use Mr. Green for this job.

Yours very truly
WORTHINGTON PUMP AND MACHINERY CORPORATION

P. A. Alers
P. A. Alers, Manager
EL PASO DISTRICT OFFICE

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