

MACHINE DATA CARD

MAIN CONDENSER
(MCN-31)

MACHINE DESCRIPTION

MAIN CONDENSER (MCN-31)
Worthington

(see reverse for additional specs)

Cooling Surface: 100,000 sq ft
Steam Condensed: 975,000 lb/hr
Condenser Duty: 949,170,000 btu/hr
Heat Removed: 970 btu/lb
Absolute Pressure: 2.53" Hg

Condensate Temperature: 109°F
Cooling Water Supply: 133,000 gpm
Cooling Water Velocity: 6.5 fps
Water Passes: 1
Tubes: (see reverse)

SUPPLIER NAME AND ADDRESS **A. M. Lockett & Co., Houston TX** PURCHASED NEW USED **OE**

MFR: **Worthington Corp., Pump & Heat Transfer Division, Harrison NJ**

MODEL SERIAL NO. PROPERTY GOVT. IDENT. NO.
TYPE **single-pass, divided waterbox** SERIAL NO. **1599808**

DATE PURCHASED P.O. NO. DATE REC'D. WEIGHT DATE INSTALLED COST
103 **1965** **545,000#(dry)** PURCHASE COST **417,620** *

| FEEDER TYPE AND SIZE | TYPE SWITCH | FUSE SIZE | TOTAL AMPS | CLASS | CODE | FREIGHT | INSTAL. MAT'L. | " LABOR & BUR. | TOTAL |
|----------------------|-------------|-----------|------------|-------|------|---------|----------------|----------------|-------|
| | | | | | | | | | |

| LOCATION | DATE | BUILDING | DEPARTMENT | LOCATION |
|-----------|------|-----------------|----------------|-----------------------------|
| INSTALLED | | T-G Bldg | Holly 3 | basement (elev 429') |
| MOVED | | | | |
| MOVED | | | | |

MOTORS

| NAME | RPM | TYPE | VOLTAGE | AMPS | CYCLE | PHASE | H. P. | FRAME NO. | SERIAL NO. | OVERLOAD HEATER SIZE |
|-------------|-----|------|---------|------|-------|-------|-------|-----------|------------|----------------------|
| none | | | | | | | | | | |

ACCESSORIES

| ITEM | DESCRIPTION | PROP. NO. |
|-----------------|---|-----------|
| HOTWELL: | Storage Capacity 4800 gal, Oxygen Concentration (leaving hotwell) <0.005 cc/liter | |

REHABILITATION

| COMP. DATE | AUTH. NO. | DESCRIPTION | LABOR | MATERIAL | BURDEN | TOTAL | ACCUM. CO |
|------------|-----------|-------------|-------|----------|--------|-------|-----------|
| | | | | | | | |

ALTERATIONS

| COMP. DATE | AUTH. NO. | DESCRIPTION | LABOR | MATERIAL | BURDEN | TOTAL | ACCUM. CO |
|------------|-----------|-------------|-------|----------|--------|-------|-----------|
| | | | | | | | |