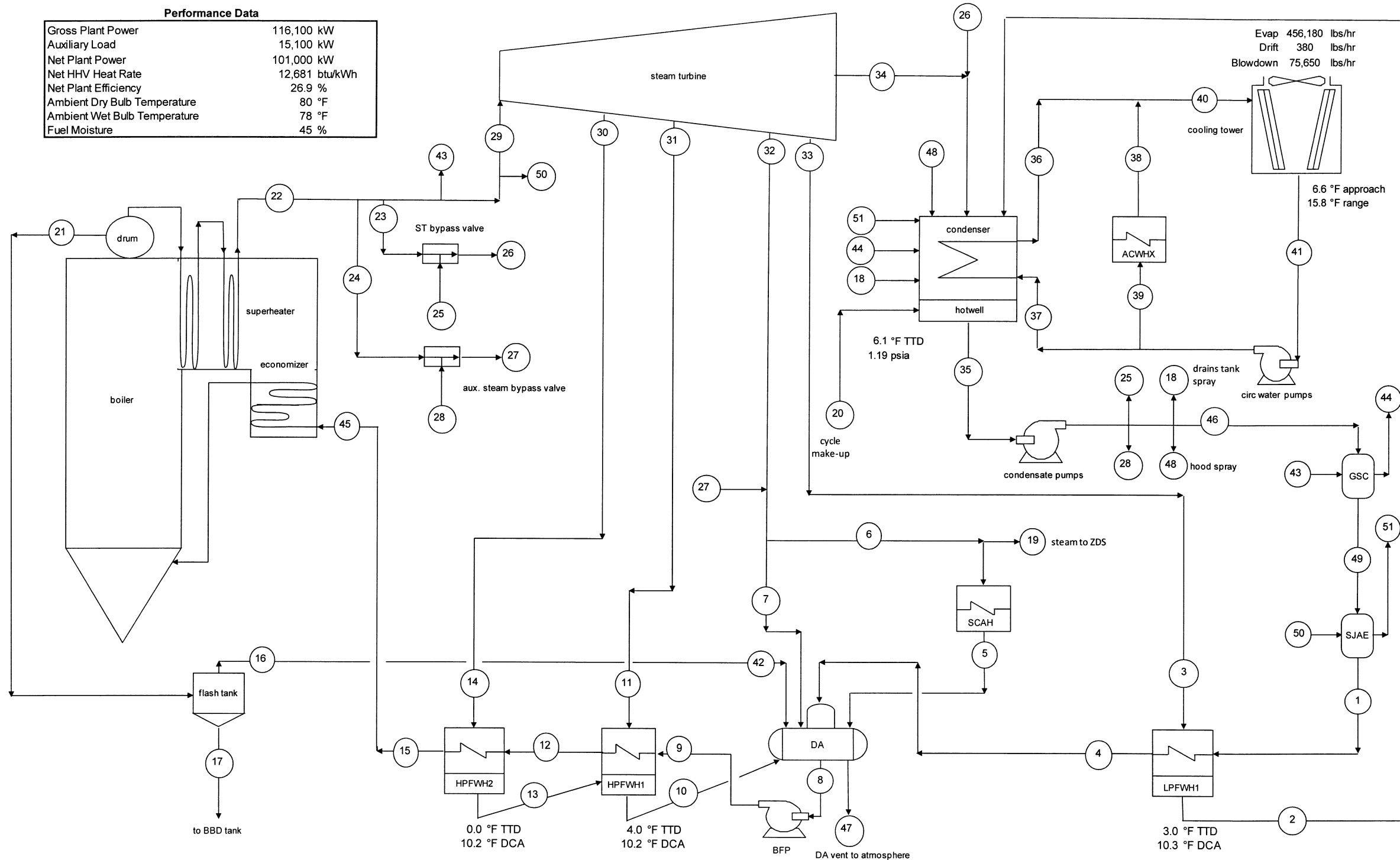


Performance Data

| | |
|------------------------------|----------------|
| Gross Plant Power | 116,100 kW |
| Auxiliary Load | 15,100 kW |
| Net Plant Power | 101,000 kW |
| Net HHV Heat Rate | 12,681 btu/kWh |
| Net Plant Efficiency | 26.9 % |
| Ambient Dry Bulb Temperature | 80 °F |
| Ambient Wet Bulb Temperature | 78 °F |
| Fuel Moisture | 45 % |

Stream Data

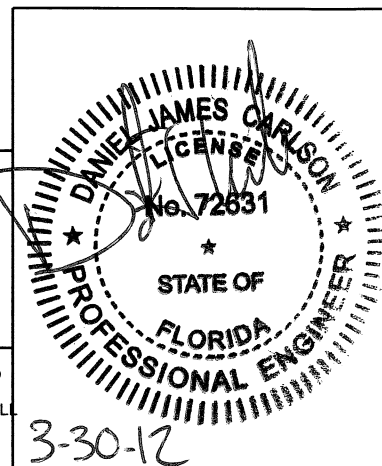
| Stream # | Flow lb/hr | Temp °F | Press. psia | Enthalpy btu/lb |
|----------|------------|---------|-------------|-----------------|
| 1 | 695,600 | 109 | 350.00 | 78 |
| 2 | 61,777 | 120 | 10.16 | 88 |
| 3 | 61,777 | 199 | 11.19 | 1,076 |
| 4 | 695,600 | 195 | 342.95 | 164 |
| 5 | 17,000 | 251 | 43.35 | 220 |
| 6 | 19,000 | 272 | 43.35 | 1,163 |
| 7 | 52,407 | 272 | 43.35 | 1,164 |
| 8 | 920,317 | 272 | 43.35 | 241 |
| 9 | 920,317 | 276 | 2,287.00 | 250 |
| 10 | 151,820 | 286 | 164.63 | 256 |
| 11 | 75,915 | 485 | 167.98 | 1,264 |
| 12 | 920,326 | 363 | 2,274.86 | 339 |
| 13 | 75,906 | 374 | 380.23 | 347 |
| 14 | 75,906 | 661 | 381.24 | 1,343 |
| 15 | 920,312 | 440 | 2,263.64 | 420 |
| 16 | 4,040 | 274 | 44.75 | 1,172 |
| 17 | 5,163 | 274 | 44.75 | 243 |
| 18 | 1,000 | 107 | 350.00 | 76 |
| 19 | 2,000 | 272 | 43.35 | 1,163 |
| 20 | 7,713 | 60 | 30.00 | 28 |
| 21 | 9,203 | 623 | 1,822.64 | 651 |
| 22 | 911,110 | 1,005 | 1,634.00 | 1,490 |
| 23 | 0 | - | - | - |
| 24 | 0 | - | - | - |
| 25 | 0 | - | - | - |
| 26 | 0 | - | - | - |
| 27 | 0 | - | - | - |
| 28 | 0 | - | - | - |
| 29 | 909,935 | 1,000 | 1,590.00 | 1,488 |
| 30 | 75,906 | 663 | 397.78 | 1,343 |
| 31 | 75,915 | 487 | 176.08 | 1,264 |
| 32 | 71,407 | 278 | 47.75 | 1,163 |
| 33 | 61,777 | 202 | 12.03 | 1,076 |
| 34 | 624,932 | 108 | 1.19 | 964 |
| 35 | 696,596 | 107 | 1.19 | 75 |
| 36 | 36,000,000 | 101 | 40.72 | 70 |
| 37 | 36,000,000 | 86 | 50.00 | 54 |
| 38 | 2,000,000 | 101 | 50.00 | 69 |
| 39 | 2,000,000 | 86 | 50.00 | 54 |
| 40 | 38,000,000 | 101 | 40.72 | 70 |
| 41 | 38,000,000 | 86 | 14.60 | 54 |
| 42 | 4,040 | 273 | 43.35 | 1,172 |
| 43 | 440 | 436 | 14.20 | 1,257 |
| 44 | 440 | 210 | 14.20 | 178 |
| 45 | 920,312 | 440 | 1,898.64 | 420 |
| 46 | 695,600 | 107 | 350.00 | 76 |
| 47 | 550 | 272 | 43.35 | 1,171 |
| 48 | 0 | - | - | - |
| 49 | 695,600 | 108 | 350.00 | 77 |
| 50 | 735 | 436 | 14.20 | 1,257 |
| 51 | 735 | 210 | 14.20 | 178 |



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| 0 | ISSUED FOR CONSTRUCTION | | | | | |
|-----|-------------------------|------|------|------|------|------|
| NO. | REVISION | DATE | DRWN | DSND | CHKD | CHKD |

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**HEAT & MASS BALANCE
VALVES WIDE OPEN DESIGN CASE**

| | | | |
|---------------------------|-------------------------------------|-------------------------|-----------------------|
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