

File NC1973  
Project 95NK17030

August 19, 1996

REPORT

on

RACEWAY FIRE BARRIERS FOR ALUMINUM  
CABLE TRAY AND ALUMINUM WIREWAY SYSTEMS

Florida Power Corporation  
Crystal River, Florida

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## EXECUTIVE SUMMARY

The subject of this Report is the fire test investigation of raceway fire barriers for aluminum cable tray and aluminum wireway systems. The purpose of the investigation was to develop information which may be used to determine whether the raceway fire barriers meet the specifications for redundant safety trains outlined in "Fire Protection Program For Operating Nuclear Power Plants", Appendix R to 10 CFR 50. The test program consisted of a fire exposure test conducted utilizing the guidance provided in Supplement 1 to NRC Generic Letter 86-10.

A steel plate platform containing four cable tray systems and one wireway system was constructed. The steel plate platform was identified as Test Deck No. 6 in the Florida Power Corporation Fire Protection Test Program Plan dated July 8, 1996. Raceway fire barriers consisting of materials manufactured by Thermal Science Inc. (TSI) of St. Louis, Missouri and Mecatiss of Morestel, France were installed about each cable tray and wireway system. The test articles were identified as Article Nos. 18, 19, 20, 21 and 22 in the Florida Power Corporation Fire Protection Test Program Plan dated July 8, 1996.

The raceway fire barrier configurations installed on the various test articles were identified as the MTS-1 System, the MTS-3 System, the MPF-60 System and the MPF-180 System. The MTS-1 System is the stand-alone Mecatiss 1 Hour Raceway Fire Barrier System and consists of a double layer of Type MPF-A mat protected on both inside and outside surfaces with Silco cloth. The MTS-3 System is the stand-alone Mecatiss 3 Hour Raceway Fire Barrier System and consists of three layers of Type MPF-A mat and a single layer of Type MPF-B mat protected on both inside and outside surfaces with Silco cloth. The MPF-60 System is the Mecatiss upgrade to the TSI Thermo-Lag 330 1 Hour Raceway Fire Barrier System and consists of a single layer of Type MPF-A mat protected on both inside and outside surfaces with Silco cloth. The MPF-180 System is the Mecatiss upgrade to the TSI Thermo-Lag 330 3 Hour Raceway Fire Barrier System and consists of one layer of Type MPF-A mat and one layer of Type MPF-B mat protected on both inside and outside surfaces with Silco cloth.

The test articles were subjected to fire exposure on July 8, 1996. During the fire exposure test, the average furnace temperature was controlled in accordance with the standard time-temperature curve outlined in the Standard for Fire Tests of Building Construction and Materials, ASTM E119 (ANSI/UL 263, NFPA No. 251).

The fire exposure test was conducted for a duration of 192 minutes. At the conclusion of the fire exposure test, neither the average limiting temperature rise of 250°F nor the maximum individual limiting temperature rise of 325°F was reached on Article No. 21. The times at which the average and maximum individual limiting temperature rise were reached on Article Nos. 18, 19, 20 and 22 are shown in the following table:

Article No.	Raceway Fire Barrier Type	Time To Average Temperature Rise Of 250°F Above Starting Temperature (Hottest String Of Thermocouples)	Time To Maximum Individual Temperature Rise Of 325°F Above Starting Temperature
18 (Cable Tray)	MPF-60	93 min [REDACTED]	94 min (TC No. 27)
19 (Cable Tray)	MTS-1	106 min [REDACTED]	102 min (TC No. 74)
20 (Cable Tray)	MPF-180	125 min [REDACTED]	115 min (TC No. 198)
21 (Cable Tray)	MTS-3	NR	NR
22 (Wireway)	MPF-60	110 min [REDACTED]	116 min (TC No. 448)
22 (Wireway)	MTS-1	113 min [REDACTED]	116 min (TC No. 447)

NR - Not reached during fire test. At 190 min, maximum individual temperature rise on Article No. 21 was 192°F (TC No. 218).

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NR - Not reached during fire test. At 190 min, maximum individual temperature rise on Article No. 21 was 192°F (TC No. 218).

## DESCRIPTION

### MATERIALS:

The following materials were used in the construction of the test assembly:

Platform - The platform consisted of nominal 1/4 in. thick steel plates welded together in conjunction with structural steel angle reinforcement.

Cable Tray - The nominal 6 in. wide ladder-type aluminum cable tray consisted of nominal 4 in. deep channel-shaped siderail members and nominal 1 in. wide box channel rungs spaced 9 in. OC. The loading depth of the cable tray was nominal 3 in. The straight sections of cable tray were supplied in nominal 12 ft lengths and bore the Part No. 09-4D08-0012-24. The cable tray components were manufactured by P-W Industries, Inc. The cable tray is presently Classified under the "Cable Tray" category in the Electrical Construction Materials Directory and is under the Follow-Up Service Program of Underwriters Laboratories Inc.

Aluminum Wireway - The aluminum wireway consisted of straight channel sections and 90 degree transition fittings with covers. The straight channel sections were nominally 6 by 6 by 48 in. long with nominal 1/2 in. wide internal stiffening flanges and nominal 7/8 in. wide external connection flanges. The 90 degree transition fittings were nominally 9 by 9 by 6 in. wide with nominal 1/2 in. wide internal stiffening flanges and nominal 7/8 in. wide external connection flanges. The fitted covers for the straight sections and 90 degree transition fittings were nominally 6-3/4 in. wide by 3/4 in. deep. The wireway components were formed from nominal 0.077 in. thick aluminum.

Bare Copper Conductor - The No. 8 AWG bare copper conductor had an outside diameter of 0.143 in. and consisted of seven 0.049 in. diameter copper wires stranded together.

Rigid Aluminum Conduit - The nominal 3/4 in. diameter conduit had an outside diameter of 1.050 in., a wall thickness of 0.113 in. and was supplied in nominal 10 ft lengths.

Fire Barrier Materials - The fire barrier system materials were manufactured by Thermal Science Inc. (TSI) of St. Louis, Missouri and Mecatiss of Morestel, France.

The TSI fire barrier materials consisted of prefabricated panels and preformed conduit sections identified as Thermo-Lag 330 and a sealant identified as Thermo-Lag 330 Trowel Grade. The prefabricated panels were nominally 4 ft wide by 6-1/2 ft long with nominal 3/8 in. thick ribs on one side spaced 6 to 7 in. on center. The panels for the 1 hr fire barrier system were nominally 5/8 to 3/4 in. thick. The ribbed side of the 1 hour panels included a 1/8 in. square coated steel mesh. The panels for the 3 hr fire barrier system were nominally 1-1/8 to 1-3/8 in.

thick. Both sides of the 3 hour panels included a 1/8 in. square coated steel mesh. The longitudinally-split preformed conduit sections were supplied in nominal 36 in. lengths. Each section had an inside diameter conforming to the outside diameter of the conduit for which it was designed. The preformed conduit sections for the 1 hr fire barrier system were nominally 5/8 to 3/4 in. thick. The inside surface of the 1 hour preformed conduit sections included a 1/8 in. square coated steel mesh. The preformed conduit sections for the 3 hr fire barrier system were nominally 1-1/4 to 1-1/2 in. thick. The inside and outside surfaces of the 3 hour preformed conduit sections also included a 1/8 in. square coated steel mesh. The sealant was supplied in 5 gal pails containing approximately 50 lb of material.

The Mecatiss fire barrier materials consisted of a woven glass fabric coated on one surface with a silicone sealant, two types of composite mat consisting of refractory alumina silica mineral fiber and refractory material, a refractory glue and a silicone sealant. The coated fabric, identified as "Silco", was nominally 0.019 in. thick and was supplied in nominal 6 ft wide rolls. One composite mat, identified as "MPF-A", was nominally 1 in. thick and was supplied in nominal 2 ft wide by 24 ft long rolls weighing approximately 70 lb per roll. The MPF-A mat was reversible in that both sides of the mat were the same. The second composite mat, identified as "MPF-B", was nominally 1 in. thick and was supplied in nominal 2 ft wide by 24 ft long rolls weighing approximately 65 lb per roll. The MPF-B mat was not reversible in that one side was different from the other. The MPF-B mat was provided with a green stripe on one side (outside surface, as installed) to differentiate between mat types. The refractory glue, identified as "F Active", was supplied in nominal 8.8 gal steel pails. The silicone sealant, identified as "75 A", was supplied in nominal 10 oz plastic caulk cartridges.

Banding Straps - The 1/2 in. wide by 0.020 in. thick Type 316 stainless steel banding used with the TSI fire barrier materials was supplied in 100 ft long rolls and was used in conjunction with winged-sleeve cinch clips formed from 0.028 in. thick stainless steel.

Tie Wire - The Type 304 stainless steel wire used with the TSI fire barrier materials was 0.047 in. diameter and was supplied on reels.

Nylon Twine - The twisted-strand nylon twine used with the Mecatiss fire barrier materials was nominally 0.050 in. diameter and was supplied in spools.

#### CONSTRUCTION OF THE TEST ASSEMBLY:

The test assembly was constructed in accordance with the method specified by the submitter. The platform and the individual test articles were constructed by members of the technical staff of Underwriters Laboratories Inc. The TSI raceway fire barriers were installed by workmen in the employ of the submitter under the observation of members of the technical and engineering staff of Underwriters Laboratories Inc. The Mecatiss raceway fire barriers were

installed by employees of Mecatiss under the observation of members of the technical and engineering staff of Underwriters Laboratories Inc. A pictorial record of the construction of the test assembly is contained in Appendix A.

The platform supporting the five test articles consisted of nominal 1/4 in. thick steel plates welded together and reinforced on the underside with steel angles, as shown in ILL. 1. The intermediate supports for the test articles were fabricated from Type P1000 and P1001 Unistrut channels. The nominal 4 by 6 in. cable tray systems identified as Article Nos. 18 through 21 were installed as shown in ILLS. 1 through 5. The nominal 6 by 6 in. wireway system identified as Article No. 22 was installed as shown in ILLS. 1 and 7. A bare No. 8 AWG stranded copper conductor was installed in the center of each cable tray and in the center of the aluminum wireway. The nominal 3/4 in. diameter by 30 in. long aluminum conduit stubs secured to the vertical support members of Article Nos. 18 through 21 were installed as shown in ILLS. 1 through 5.

Four raceway fire barrier configurations were installed on the various test articles. The raceway fire barrier configurations were identified as the Mecatiss MPF-60 System, the Mecatiss MPF-180 System, the Mecatiss MTS-1 System and the Mecatiss MTS-3 System. The MPF-60 System is the Mecatiss upgrade to the TSI-1 hr System and consists of a single layer of Type MPF-A mat protected on both inside and outside surfaces with Silco cloth. The MPF-180 System is the Mecatiss upgrade to the TSI-3 hr System and consists of one layer of Type MPF-A mat and one layer of Type MPF-B mat protected on both inside and outside surfaces with Silco cloth. The MTS-1 System is the stand-alone Mecatiss 1 Hour Raceway Fire Barrier System and consists of a double layer of Type MPF-A mat protected on both inside and outside surfaces with Silco cloth. The MTS-3 System is the stand-alone Mecatiss 3 Hour Raceway Fire Barrier System and consists of three layers of Type MPF-A mat and a single layer of Type MPF-B mat protected on both inside and outside surfaces with Silco cloth.

The TSI-1 hr raceway fire barriers on Article Nos. 18 and 22 and the TSI-3 hr raceway fire barrier on Article No. 20 were installed in accordance with Florida Power Corporation Construction Maintenance Procedure MP-807, Revision 1, dated March 27, 1991 except that the panels were dryfitted (assembled without trowel-grade material at seams). On Article Nos. 18 and 20, the stainless steel bands were spaced 10 in. on center with an additional stainless steel tie wire located 1 in. from each side of each band. On Article No. 22, the stainless steel bands were spaced 12 in. on center, as shown in ILLS. 19, 20 and 21. The preformed conduit section seams and the panel section seams on the intermediate supports for Article Nos. 18 and 20 were the only seams provided with trowel-grade material. The TSI-1 hr raceway fire barrier on the intermediate support and west half of Article No. 22 was also installed with dry-fitted seams. The details of the raceway fire barrier installations are shown in ILLS. 8 through 22.

The MPF-60 raceway fire barriers were installed over the TSI-1 hr raceway fire barriers on Article No. 18 and on the west half of Article No. 22 in accordance with Mecatiss Procedure No. 94 MC 0056, Revision C, dated January 22, 1996. The details of the raceway fire barrier installation are shown in ILLS. 23 and 24. First, the inner layer of Silco was adhered to the Thermo-Lag 330 panels and preformed conduit sections using nominal 1/4 in. diameter beads of Type 75A adhesive on the coated (shiny) side of the Silco. A single layer of Type MPF-A mat was laminated to the uncoated side of the inner layer of Silco using Type F Active refractory glue. The Type MPF-A mat was also secured in position using wraps of nylon twine. The outer layer of Silco was installed with the coated (shiny) side exposed. The Silco was secured to itself at the minimum 1/2 in. overlaps using nominal 1/4 in. diameter beads of Type 75A adhesive.

The Type MPF-180 raceway fire barrier was installed over the TSI-3 hr raceway fire barrier on Article No. 20 in accordance with Mecatiss Procedure No. 94 MC 0057, Revision C, dated January 22, 1996. The details of the raceway fire barrier installations are shown in ILLS. 25 and 26. First, the inner layer of Silco was adhered to the Thermo-Lag 330 panels and preformed conduit sections using nominal 1/4 in. diameter beads of Type 75A adhesive on the coated (shiny) side of the Silco. A single layer of Type MPF-A mat was laminated to the uncoated side of the inner layer of Silco using Type F Active refractory glue. A single layer of Type MPF-B mat was then laminated to the Type MPF-A mat using Type F Active refractory glue. The Type MPF-A and MPF-B mats were secured in position using wraps of nylon twine. The outer layer of Silco was installed with the coated (shiny) side exposed. The Silco was secured to itself at the minimum 1/2 in. overlaps using nominal 1/4 in. diameter beads of Type 75A adhesive.

The MTS-1 raceway fire barriers were installed on the cable tray and conduit of Article No. 19 and on the east half of Article No. 22 in accordance with Mecatiss Procedure No. 95 MC 0010, Revision B, dated January 22, 1996. The details of the raceway fire barrier installation are shown in ILLS. 27 and 28. The inner layer of Silco was secured to the conduit, and cable tray and Unistrut channel surfaces using nominal 1/4 in. diameter beads of Type 75A adhesive on the coated (shiny) side of the Silco. The first (inner) layer of Type MPF-A mat was laminated to the uncoated side of the inner layer of Silco using Type F Active refractory glue and was additionally secured with wraps of nylon twine. The second (outer) layer of Type MPF-A mat was laminated to the first layer of Type MPF-A mat using Type F Active refractory glue and was additionally secured with wraps of nylon twine. The outer layer of Silco was installed with the coated (shiny) side exposed. The Silco was secured to itself at the minimum 1/2 in. overlaps using nominal 1/4 in. diameter beads of Type 75A adhesive.

The Type MTS-3 raceway fire barrier was installed on the cable tray and nominal 3/4 in. conduit of Article No. 21 in accordance with Mecatiss Procedure No. 95 MC 0011, Revision B, dated January 22, 1996. The details of the raceway fire barrier installations are shown in ILLS. 29 and 30. The inner layer of Silco was secured to the conduit and cable tray surfaces using

nominal 1/4 in. diameter beads of Type 75A adhesive on the coated (shiny) side of the Silco. The first (inner) layer of Type MPF-A mat was laminated to the uncoated side of the inner layer of Silco using Type F Active refractory glue. The second and third layers of Type MPF-A mat were laminated to the first layer of Type MPF-A mat using Type F Active refractory glue. A single layer of Type MPF-B mat was then laminated to the third layer of Type MPF-A mat using Type F Active refractory glue. The Type MPF-A and MPF-B mats were each secured in position using wraps of nylon twine. The outer layer of Silco was installed with the coated (shiny) side exposed. The Silco was secured to itself at the minimum 1/2 in. overlaps using nominal 1/4 in. diameter beads of Type 75A adhesive.

A copy of the Florida Power Corporation and Mecatiss Quality Control documentation for the installation of the various raceway fire barriers is contained in Appendix G.

#### FIRE EXPOSURE TEST:

The fire exposure test was conducted with the furnace temperature controlled in accordance with the Standard, Fire Tests of Building Construction and Materials, ASTM E119 (UL 263, NFPA No. 251).

#### SAMPLE

The fire exposure test was conducted on the test assembly constructed as described previously in this Report under the section entitled "Construction of Test Assembly" and as shown in ILLS. 1 through 30 and as shown in Appendix A.. The installation of the TSI Thermo-Lag 330 raceway fire barriers on Article Nos. 18, 20 and 22 was completed more than 30 days prior to installation of the Mecatiss overlay systems.

Prior to the conduct of the fire test, the openings made in the steel plate platform to allow for passage of the thermocouple wires from the various test articles were sealed with ceramic fiber blanket to prevent convective heat loss. The top surface of the steel plate platform was also insulated with ceramic fiber blanket and covered with sand.

#### METHOD

The standard equipment of Underwriters Laboratories Inc. for testing free standing equipment was used for this fire exposure test.

The temperatures of the furnace chamber were measured by eight thermocouples located 12 in. from the vertical surfaces of the test articles at three elevations, as shown in ILL. 31.

The differential pressure between the furnace chamber and the laboratory was measured with two stainless steel pressure probes connected to pressure transducers. The pressure probes were located approximately 43 in. and 57 in. above the platform of the test assembly as shown in ILL. 31.

Temperatures on the raceway and bare No. 8 AWG copper conductor of each test article were measured by No. 24 gauge chromel-alumel (Type K) thermocouples with Teflon insulation and jacket materials secured in position with glass-reinforced electrical tape. The thermocouples were located as shown in ILLS. 1 through 7.

The instruments used during the test program were provided by Underwriters Laboratories Inc. Each of the instruments was calibrated against an instrument having calibration traceable to the National Institute of Standards and Technology. The calibration records of each instrument are on file at Underwriters Laboratories Inc. The instruments used in the test program are identified in Appendix F of this Report.

Throughout the fire exposure test, observations were made of the character of the fire and its control, the condition of the exposed surfaces, and all developments pertaining to the performance of the raceway fire barriers.

## RESULTS

Character And Distribution Of Fire - The fire was luminous and well distributed, and the furnace temperatures followed the standard time-temperature curve outlined in the Standard, ASTM E119, as shown in ILL. 32 and as tabulated in Appendix B, Pages 1 through 10.

Pressure Within The Furnace - The differential pressure between the furnace and the laboratory near the midheight of the horizontal run of Article No. 22 was positive after 7 min of fire exposure and remained positive throughout most of the remainder of the fire test. In the time period between 105 min and 135 min of fire exposure the furnace pressure near the midheight of Article No. 22 was neutral to slightly negative. The differential pressure between the furnace and the laboratory recorded during the fire exposure test is shown in Appendix C, Pages 1 through 5.

Observations During The Test - The following is a chronological description of the observations made during the fire exposure test.

<u>Test Time, min</u>	<u>Observations</u>
4	The coating on the Silco was flaming and flaking away from each of the test articles. The exposed Thermo-Lag 330 material on the vertical leg of the intermediate supports for Article Nos. 18 and 22 was slightly charred.
10	The coating on the Silco was flaky and dark. The exposed Thermo-Lag 330 material was blackened and flaming. The Silco material was falling from the east end of the aluminum wireway, Article No. 22.
20	The exposed Thermo-Lag 330 material continued to flame. The Silco material was light in color and was flaky.
30	The exposed Thermo-Lag 330 material continued to flame.
44	The exposed Thermo-Lag 330 material continued to flame.
54	The flaming of the exposed Thermo-Lag 330 material ceased. Silco was delaminating from each test article at multiple locations.
75	No visible changes.
90	No visible changes.
120	No visible changes.
135	Black discoloration was visible over small areas on the surfaces of Article Nos. 18 and 20.
150	No visible changes.
165	No visible changes.
192	No visible changes. Furnace fire extinguished.

Temperatures Of The Assembly - The temperatures of the raceways were recorded at 2-1/2 min intervals during the fire exposure test. The temperatures are tabulated in Appendix D, Pages 1 through 120.

#### Anomalous Temperature Measurements

During the fire exposure test and during a review of the temperature data following the fire exposure test, the following anomalous temperature measurements were noted:

1. The chromel and alumel leads of Furnace Thermocouple No. 401 were twisted together at their connection to the data acquisition system such that a secondary thermocouple was formed. The error was noted and corrected by 13 min. The data of Thermocouple No.

401 was not included in the calculation of average furnace temperature for the first 12 min of the fire test.

2. Thermocouple No. 5 was inoperable at the start of the fire test but commenced working, intermittently, at 40 min. The data from the thermocouple was considered to be unreliable and was not included in the calculation of average temperature rise for the thermocouple group of which it was a part.
3. The chromel and alumel leads of Thermocouple No. 199 were reversed at their connection to the data acquisition system. The error was noted and corrected by 117.5 min.
4. The chromel and alumel leads of Thermocouple Nos. 219 were twisted together at their connection to the data acquisition system such that a secondary thermocouple was formed. The error was not corrected during the fire test. The data of Thermocouple No. 219 was not included in the calculation of average temperature rise for the thermocouple group of which it was a part.
5. Thermocouple No. 309 stopped working after 42.5 min and remained inoperable until 75 min. The data from the thermocouple was considered to be unreliable.
6. The chromel and alumel leads of Thermocouple Nos. 329 and 331 were reversed at their connections to the data acquisition system. The errors were noted and corrected by 32.5 min.
7. During preparation for the fire test, it was noted that a numbering error had occurred during installation of the ancillary thermocouples on the conduit stub of Article No. 21. Two of the thermocouples were marked No. 364 and none of the thermocouples was marked No. 368. For the fire test, one of the thermocouples which was marked No. 364 was plugged into the data logger channel corresponding to No. 364 and the other was plugged into the data logger channel corresponding to No. 368. In reviewing the temperature data, it became obvious that the two thermocouples were transposed. The temperature data for Thermocouple Nos. 364 and 368 in Appendix D of this Report have been transposed to correct the original thermocouple transposal.

The Type K thermocouples used to measure the temperatures of the various raceway fire barriers were insulated and jacketed with Teflon. The manufacturer's published temperature ratings for the thermocouple wire, based on the properties of the Teflon insulation, are 400°F for continuous use and 500°F for single use. Since the maximum single use temperature rating of the thermocouples used in the test assembly was 500°F, the reliability of temperatures measured

within a raceway fire barrier should be carefully considered when the temperatures of one or more thermocouples within the raceway fire barrier exceed 500°F.

Supplement 1 to NRC Generic Letter 86-10 contains acceptance criteria whereby fire ratings are established for raceway fire barriers based upon the temperature rise on the surface of the raceway within the barrier. The fire rating is defined as the time at which the average temperature of any thermocouple group on or in the raceway rises 250°F above the initial starting temperature or when the temperature at the hottest point on or in the raceway rises 325°F above its initial starting temperature. At the conclusion of the fire exposure test, neither the average limiting temperature rise of 250°F nor the maximum individual limiting temperature rise of 325°F was reached on Article No. 21. The times at which the average and maximum individual limiting temperature rise were reached on Article Nos. 18, 19, 20 and 22 are shown in the following table:

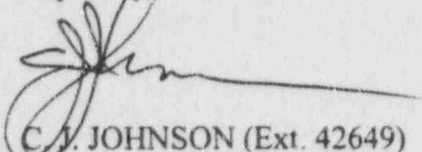
Article No.	Raceway Fire Barrier Type	Time To Average Temperature Rise Of 250°F Above Starting Temperature (Hottest String Of Thermocouples)	Time To Maximum Individual Temperature Rise Of 325°F Above Starting Temperature
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22 (Wireway)	MPF-60	110 min (██████████)	116 min (TC No. 448)
22 (Wireway)	MTS-1	113 min (██████████)	116 min (TC No. 447)

NR - Not reached during fire test. At 190 min, maximum individual temperature rise on Article No. 21 was 192°F (TC No. 218).

APPEARANCE AFTER THE TEST:

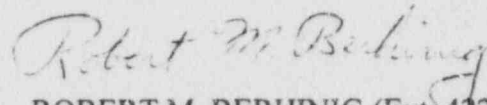
Shortly after the fire exposure test was concluded, the assembly was removed from the furnace. At that time it was noted that Article No. 19 was consumed except for the bottom nominal 4-1/2 ft of its vertical run. It was also noted that some of the bundled thermocouple leads from the various test articles were flaming beneath the steel plate deck. The appearance of the exposed surface after the fire exposure test is shown in the photographs in Appendix E.

Report by:

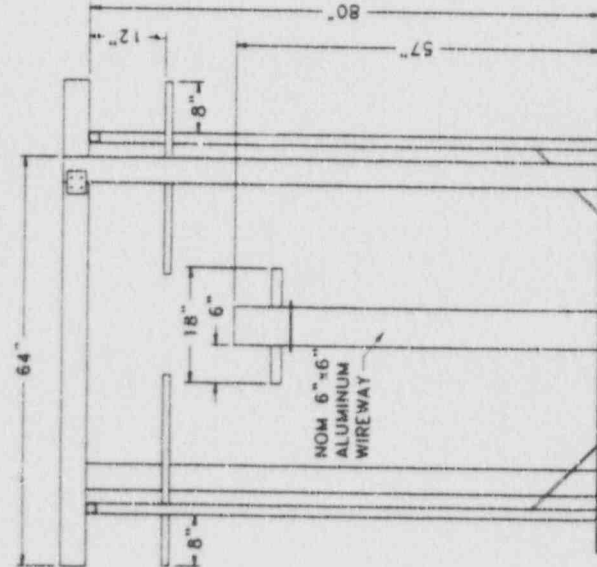
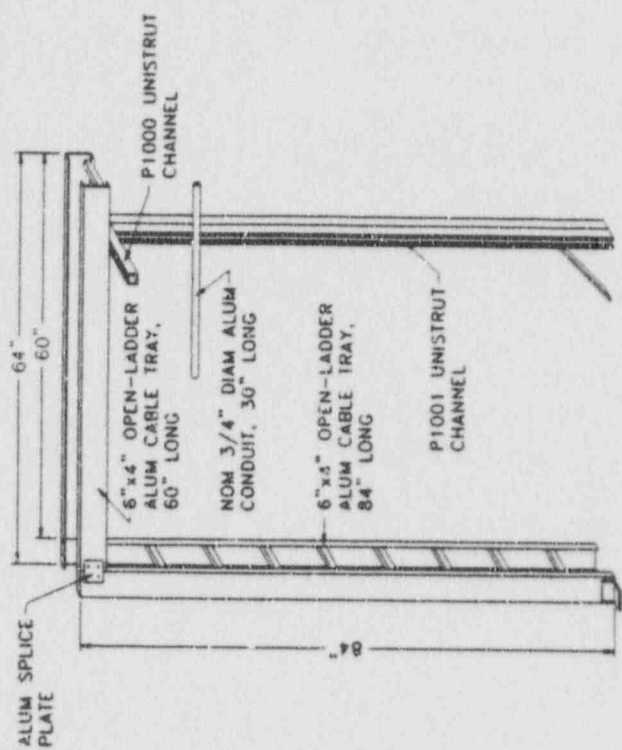


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NC1973  
ILL. 1

ARTICLE  
NO. 22  
(MPF-60 & MTS-1)

ARTICLE  
NO. 21  
(MTS-3)

ARTICLE  
NO. 20  
(MPF-180)

ARTICLE  
NO. 19  
(MIS-1)

ARTICLE  
NO. 18  
(MPF-60)

CONSTRUCTION DETAILS - TEST DECK NO. 6

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CONSTRUCTION DETAILS & THERMOCOUPLE LOCATIONS

ARTICLE NO. 18

NC1973 - ILLUSTRATION 2

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CONSTRUCTION DETAILS & THERMOCOUPLE LOCATIONS

ARTICLE NO. 19

NC1973 - ILLUSTRATION 3

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CONSTRUCTION DETAILS & THERMOCOUPLE LOCATIONS

ARTICLE NO. 20

NC1973 - ILLUSTRATION 4

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CONSTRUCTION DETAILS & THERMOCOUPLE LOCATIONS

ARTICLE NO. 21

NC1973 - ILLUSTRATION 5

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THERMOCOUPLE LOCATIONS ON CONDUITS & SUPPORTS

ARTICLE NOS. 18 THROUGH 21

NC1973 - ILLUSTRATION 6

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CONSTRUCTION DETAILS & THERMOCOUPLE LOCATIONS

ARTICLE NO. 22

NC1973 - ILLUSTRATION 7

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ONE HOUR THERMO-LAG 330-1

NC1973 - ILLUSTRATION 8

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TYPICAL ALUMINUM 6" X 4" CABLE TRAY  
THERMO-LAG (TSI) INSTALLATION

NC1973 - ILLUSTRATION 9

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TYPICAL ALUMINUM 6" X 4" CABLE TRAY  
THERMO-LAG (TSI) INSTALLATION

NC1973 - ILLUSTRATION 10

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TYPICAL ALUMINUM 3/4" ALUMINUM CONDUIT  
THERMO-LAG (TSI) INSTALLATION

NC1973 - ILLUSTRATION 11

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TYPICAL P1000 AND P1001 UNISTRUT  
THERMO-LAG (TSI) INSTALLATION

NC1973 - ILLUSTRATION 12

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CONTAINS PROPRIETARY INFORMATION

UNDERWRITERS LABORATORIES TEST DECK  
THREE HOUR THERMO-LAG 330-1 6" X 4" ALUMINUM CABLE TRAY

NC1973 - ILLUSTRATION 13

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TYPICAL ALUMINUM 6" X 4" CABLE TRAY  
THERMO-LAG (TSI) INSTALLATION

NC1973 - ILLUSTRATION 14

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TYPICAL ALUMINUM 6" X 4" CABLE TRAY  
THERMO-LAG (TSI) INSTALLATION

NC1973 - ILLUSTRATION 15

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CONTAINS PROPRIETARY INFORMATION

TYPICAL ALUMINUM 3/4" ALUMINUM CONDUIT  
THERMO-LAG (TSI) INSTALLATION

NC1973 - ILLUSTRATION 16

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TYPICAL P1000 AND P1001 UNISTRUT  
THERMO-LAG (TSI) INSTALLATION

NC1973 - ILLUSTRATION 17

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PECO NUCLEAR ONE HOUR THERMO-LAG DRY FIT INSTALLATION

NC1973 - ILLUSTRATION 18

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PECO NUCLEAR ONE HOUR THERMO-LAG DRY FIT INSTALLATION

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PECO NUCLEAR ONE HOUR THERMO-LAG DRY FIT INSTALLATION

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PECO NUCLEAR ONE HOUR THERMO-LAG DRY FIT INSTALLATION

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PECO NUCLEAR ONE HOUR THERMO-LAG DRY FIT INSTALLATION

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MECATISS PROCEDURE - 95 PM 0068

NC1973 - ILLUSTRATION 23

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MECATISS PROCEDURE - 95 PM 0070

NC1973 - ILLUSTRATION 24

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MECATISS PROCEDURE - 95 PM 0077

NC1973 - ILLUSTRATION 25

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MECATISS PROCEDURE - 95 PM 0079

NC1973 - ILLUSTRATION 26

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MECATISS PROCEDURE - 95 PM 0054

NC1973 - ILLUSTRATION 27

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MECATISS PROCEDURE - 95 PM 0056

NC1973 - ILLUSTRATION 28

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MECATISS PROCEDURE - 95 PM 0061

NC1973 - ILLUSTRATION 29

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MECATISS PROCEDURE - 95 PM 0063

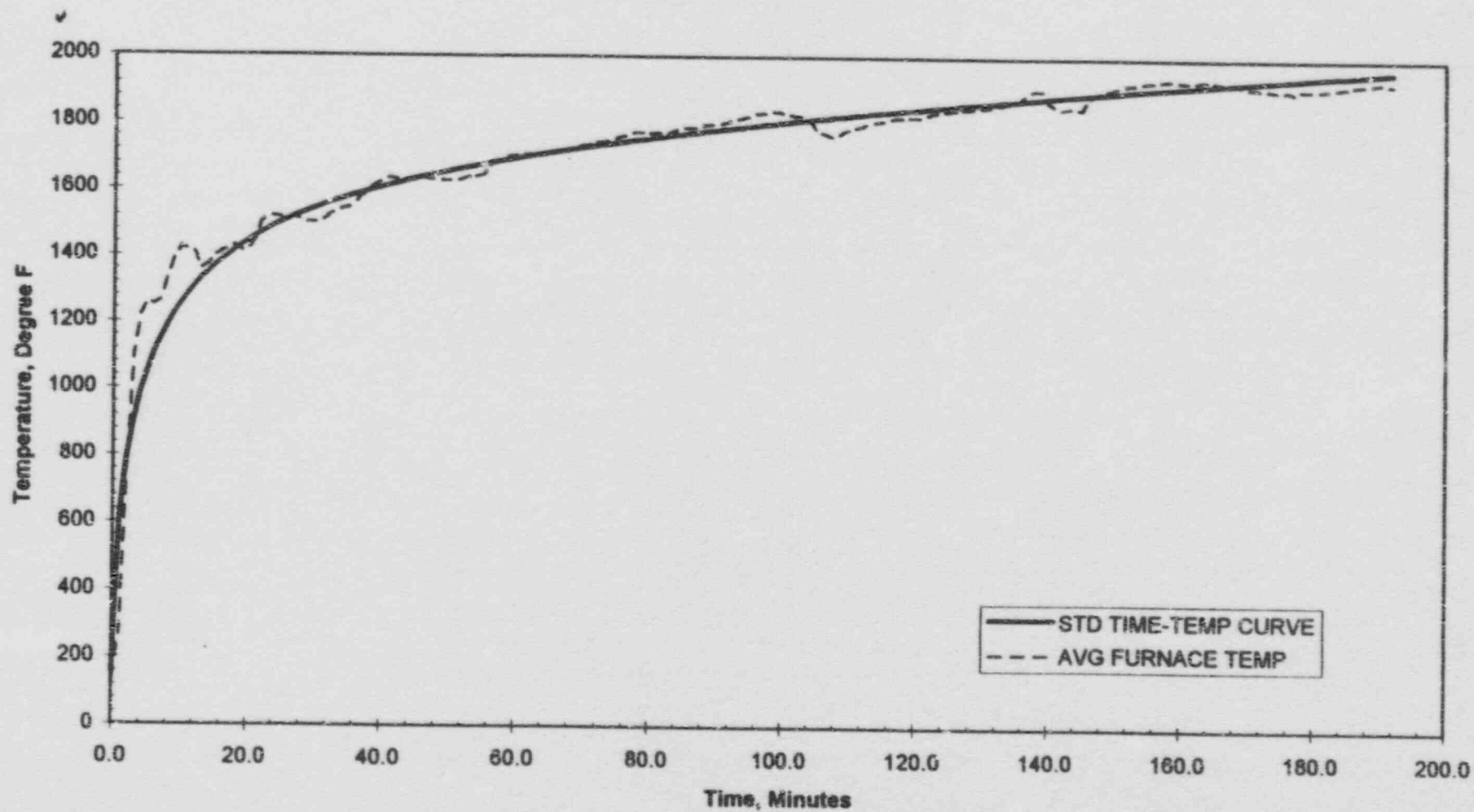
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FURNACE THERMOCOUPLE LOCATIONS

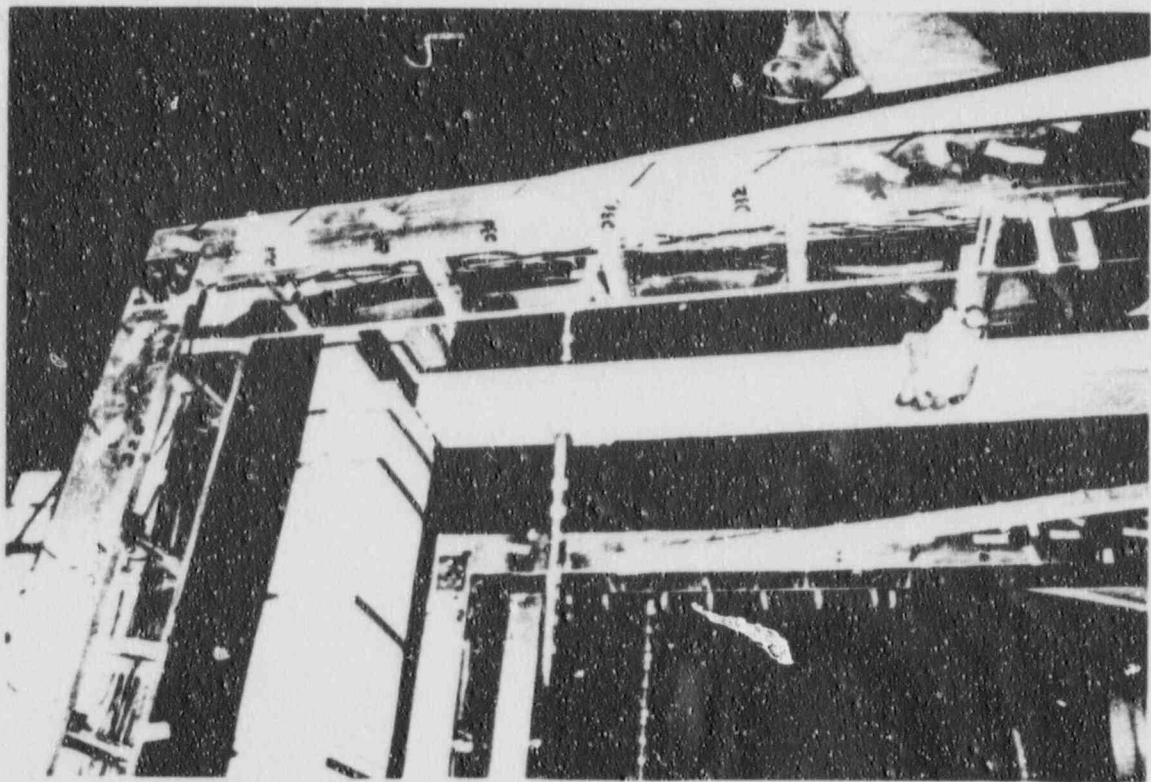
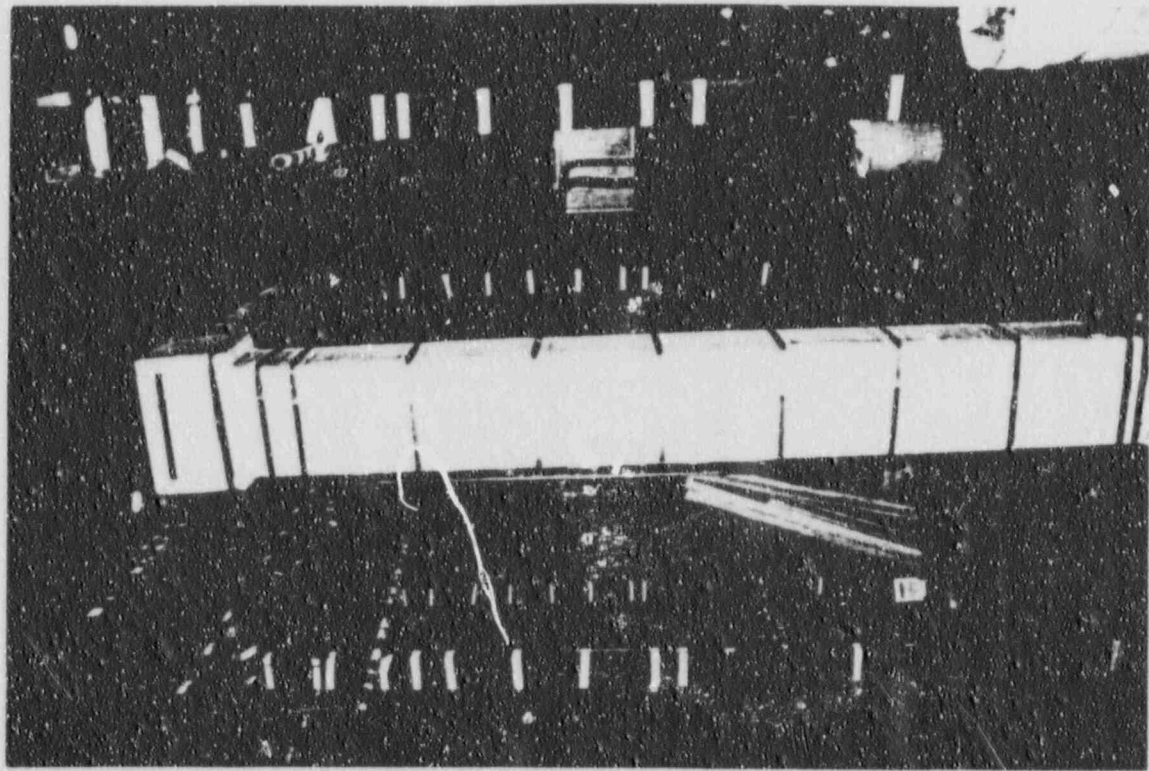
NC1973 - ILLUSTRATION 31

FLORIDA POWER CORPORATION  
RACEWAY FIRE BARRIERS  
FURNACE TEMPERATURES

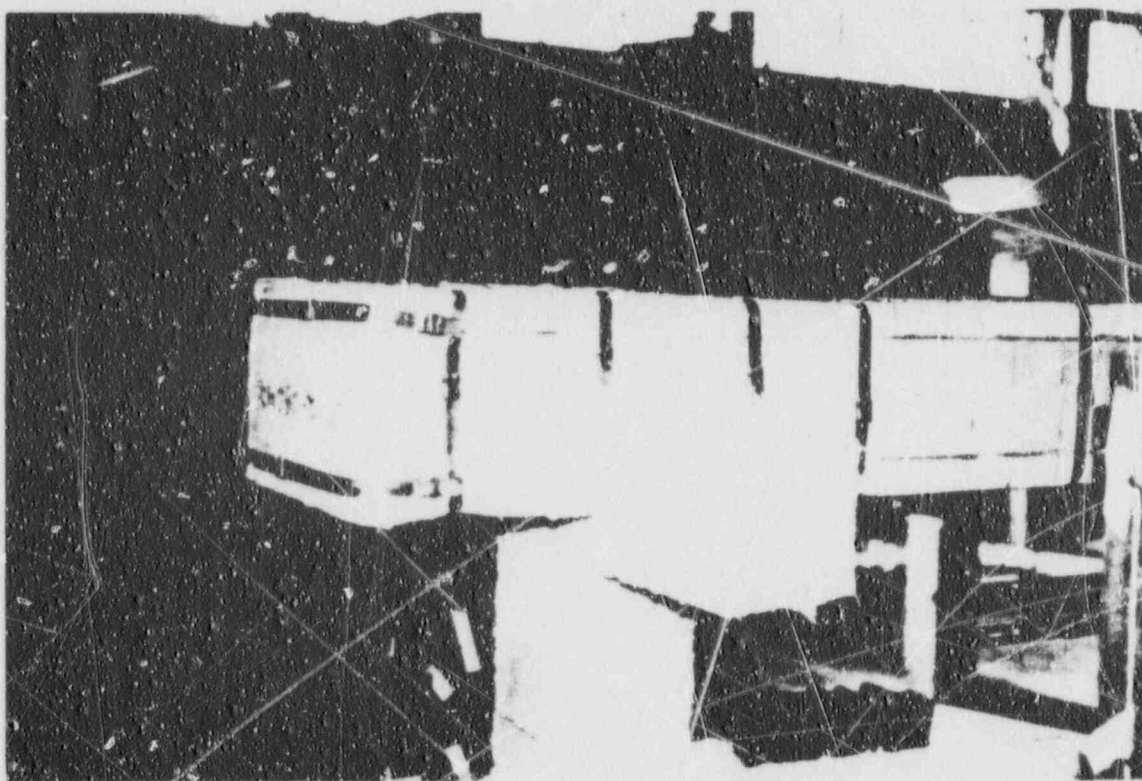
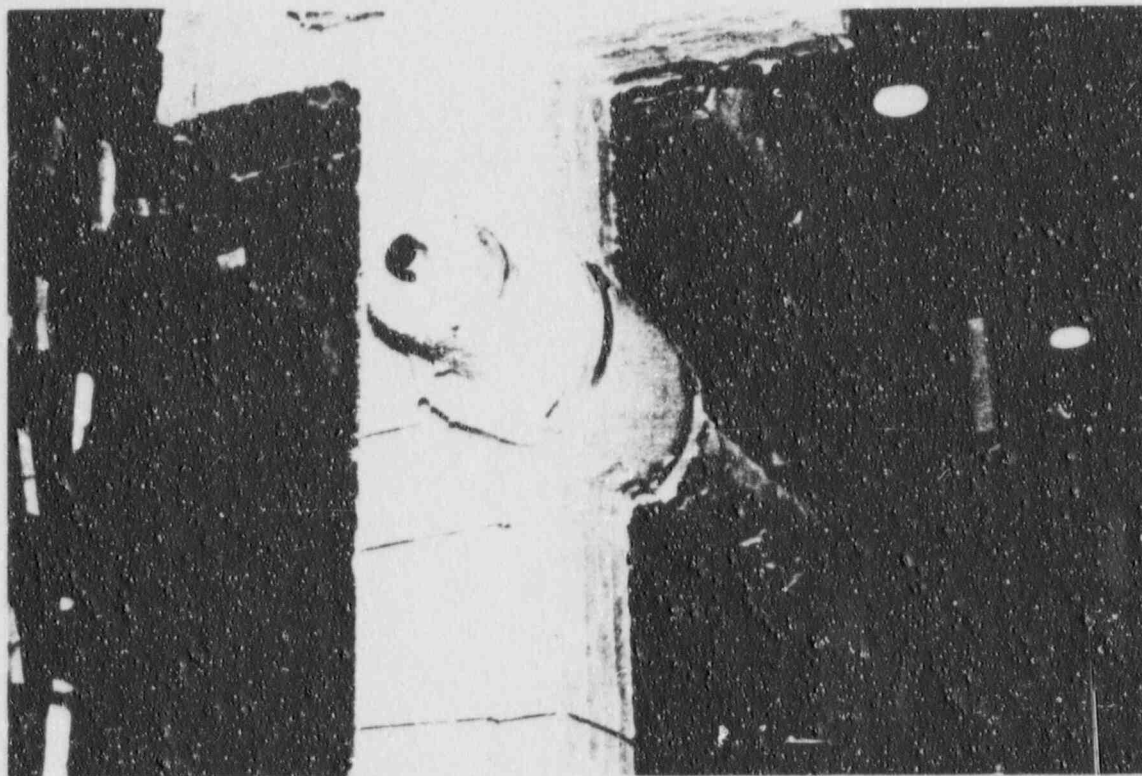


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ILL. 32

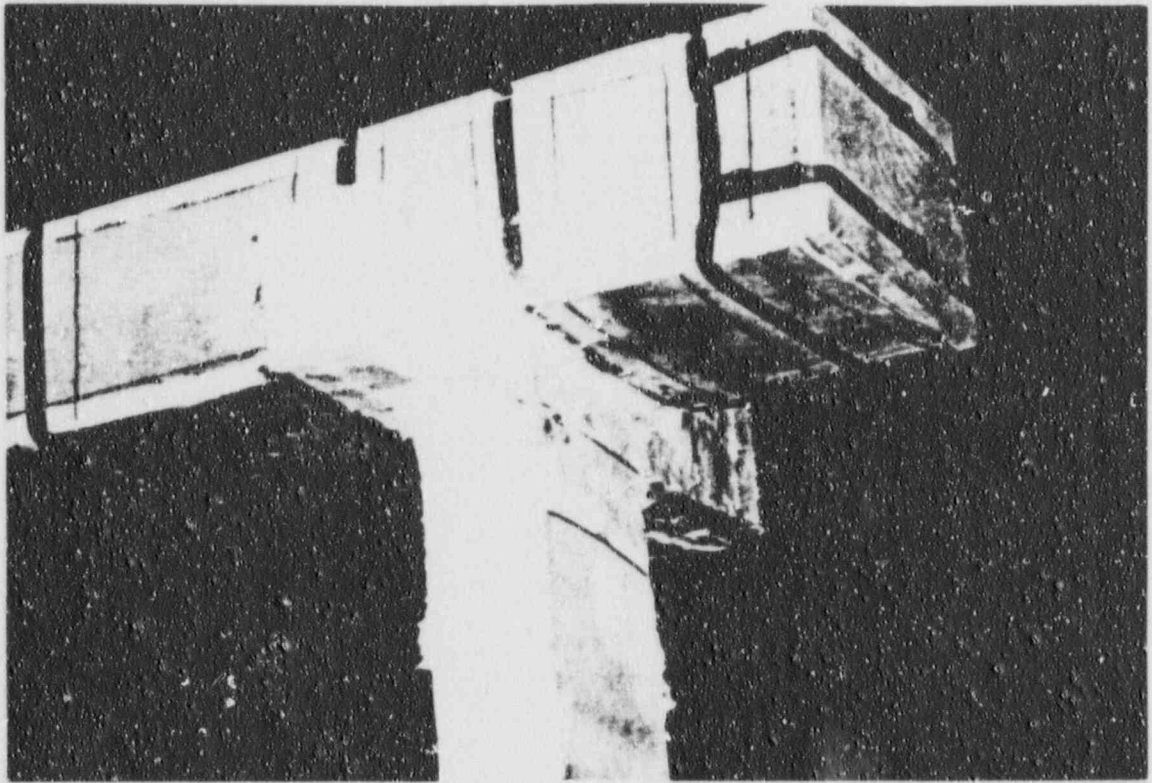
95NK17030/NC1973  
Test Date: JULY 8, 1996  
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ASSEMBLY DURING CONSTRUCTION

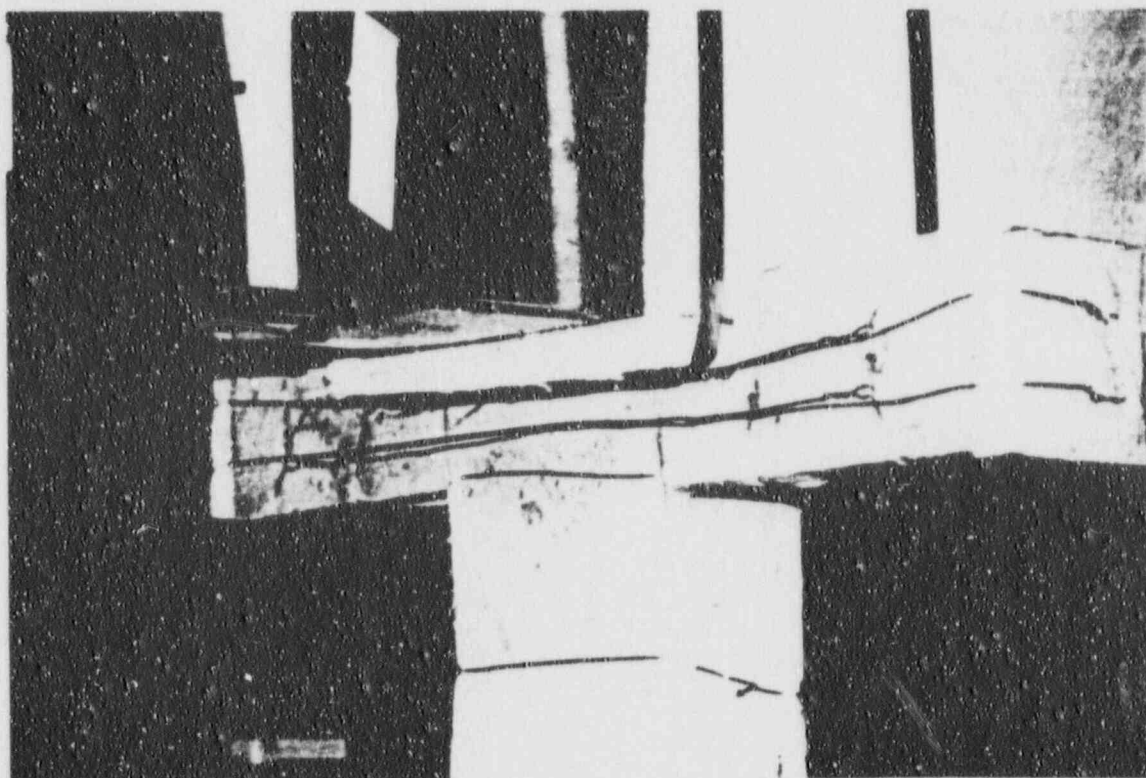
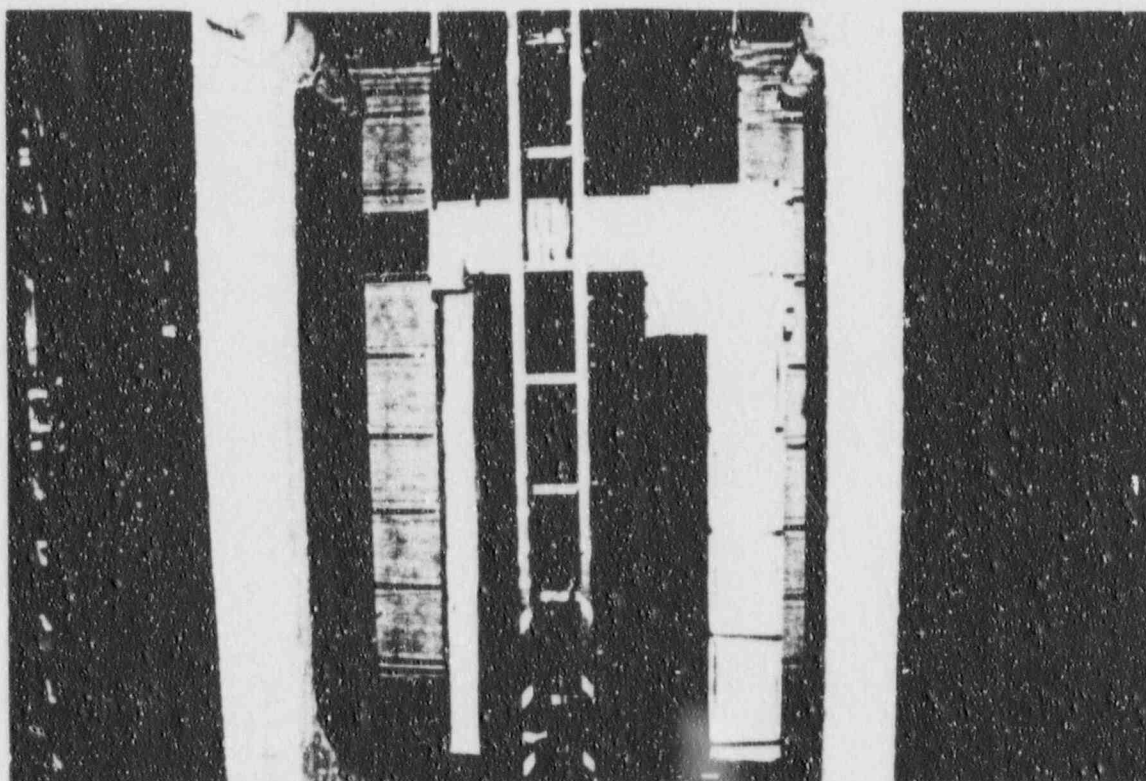


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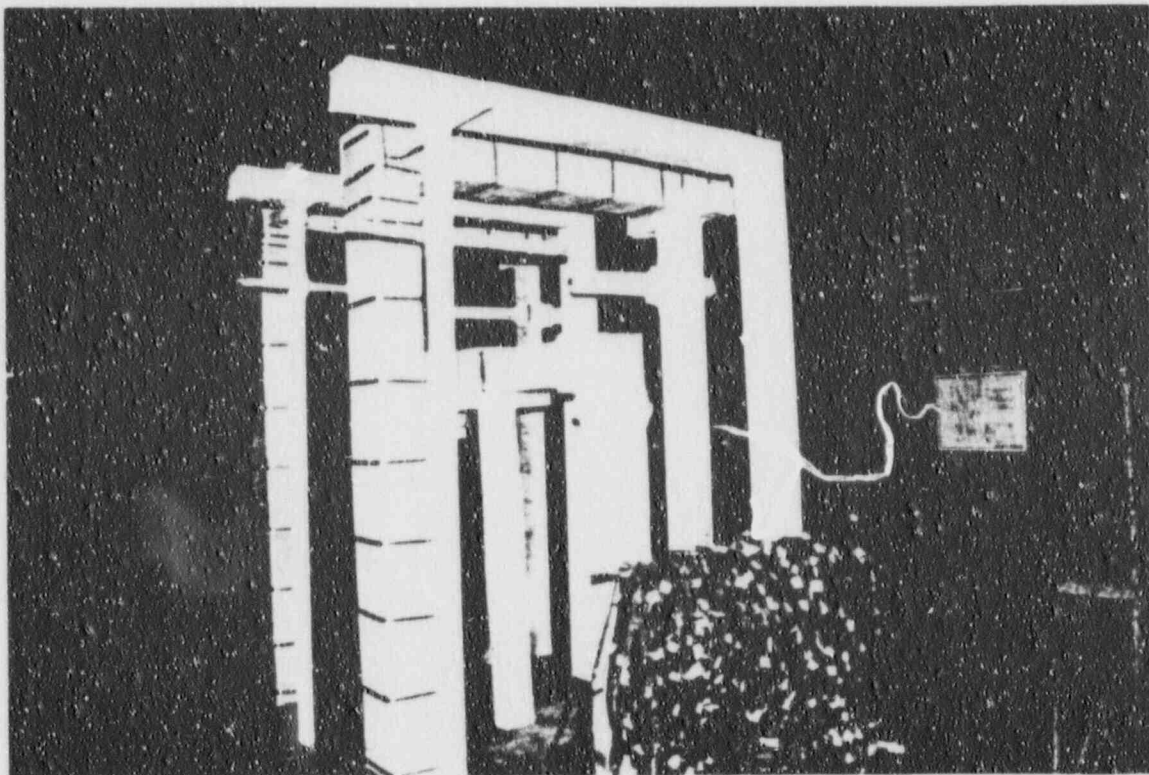
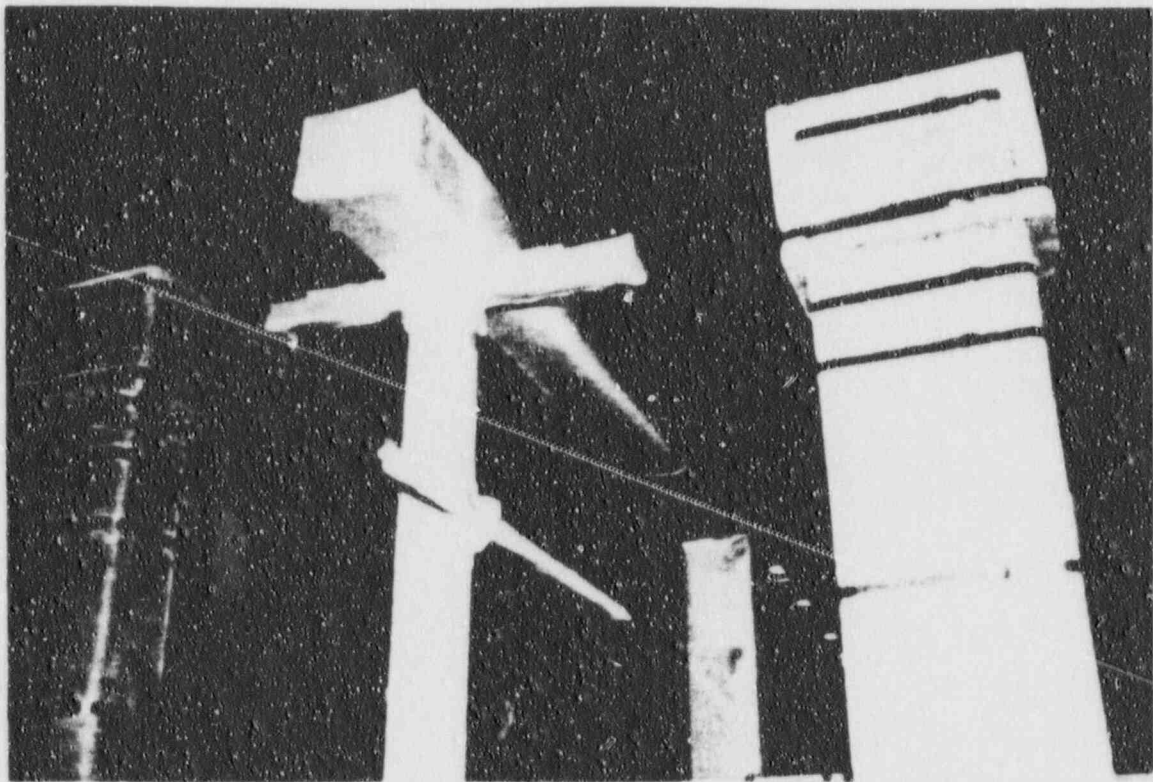


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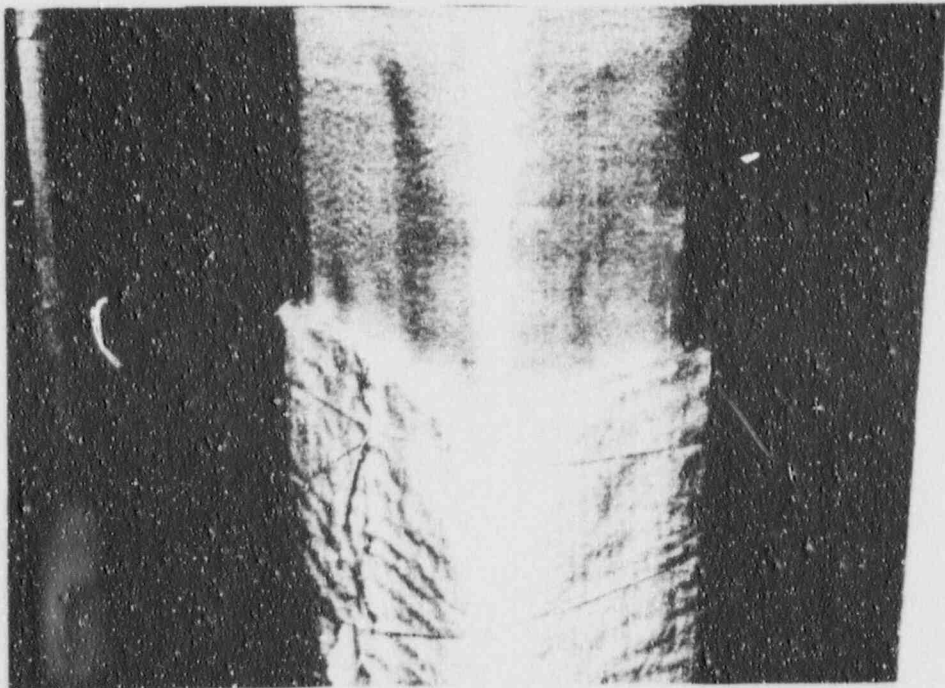
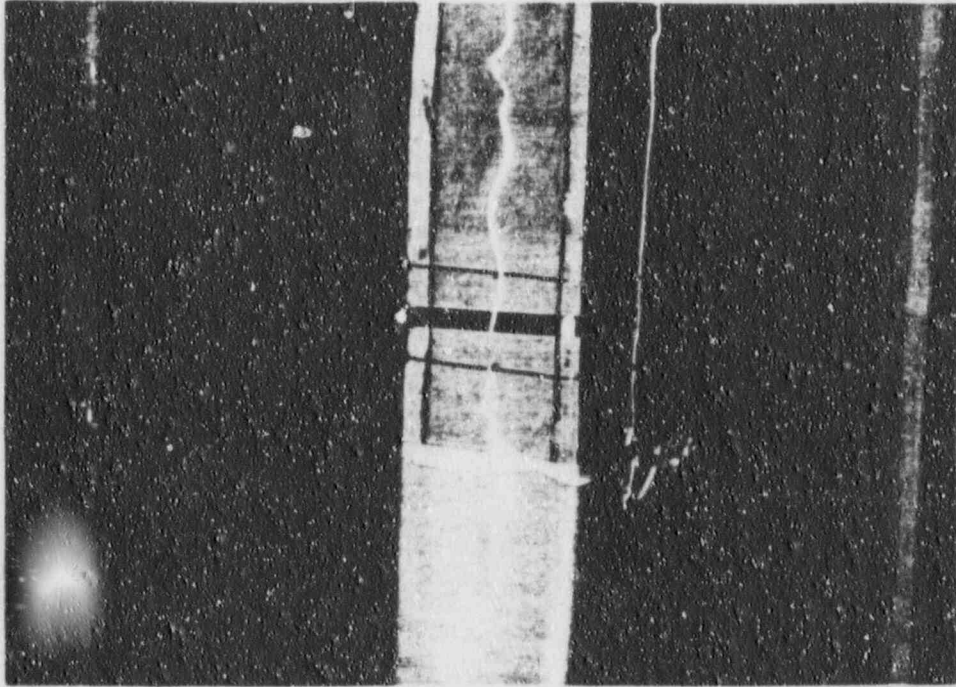
NC1973  
APP. A  
PAGE 3



ASSEMBLY DURING CONSTRUCTION

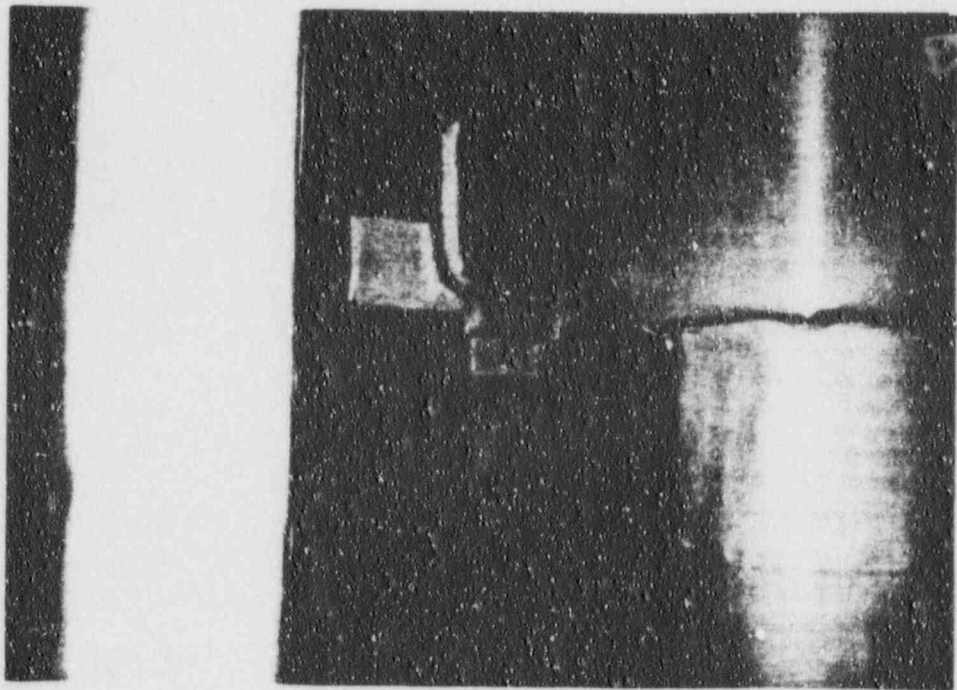
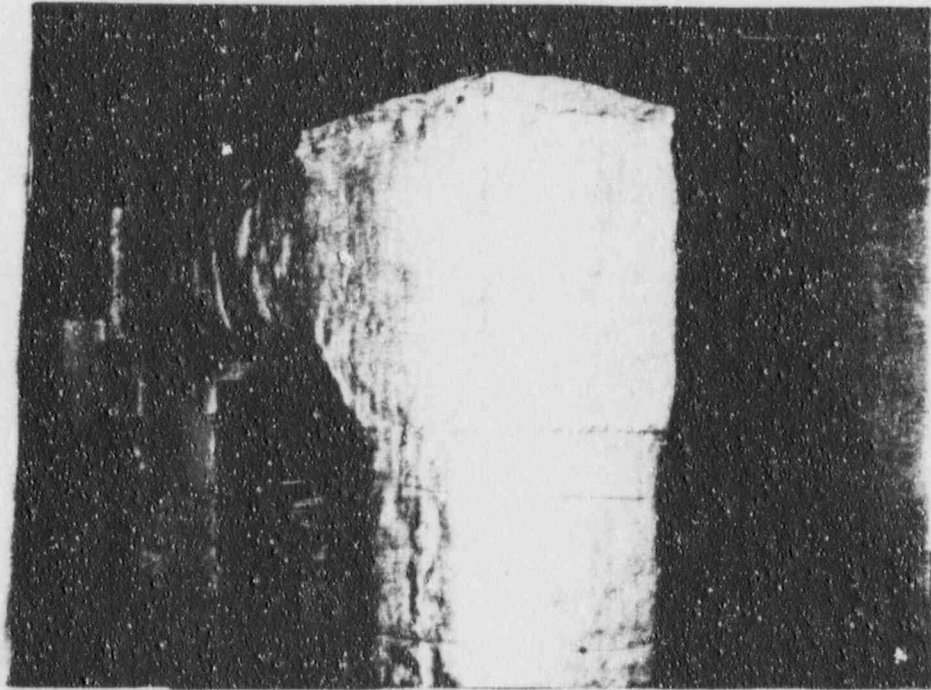


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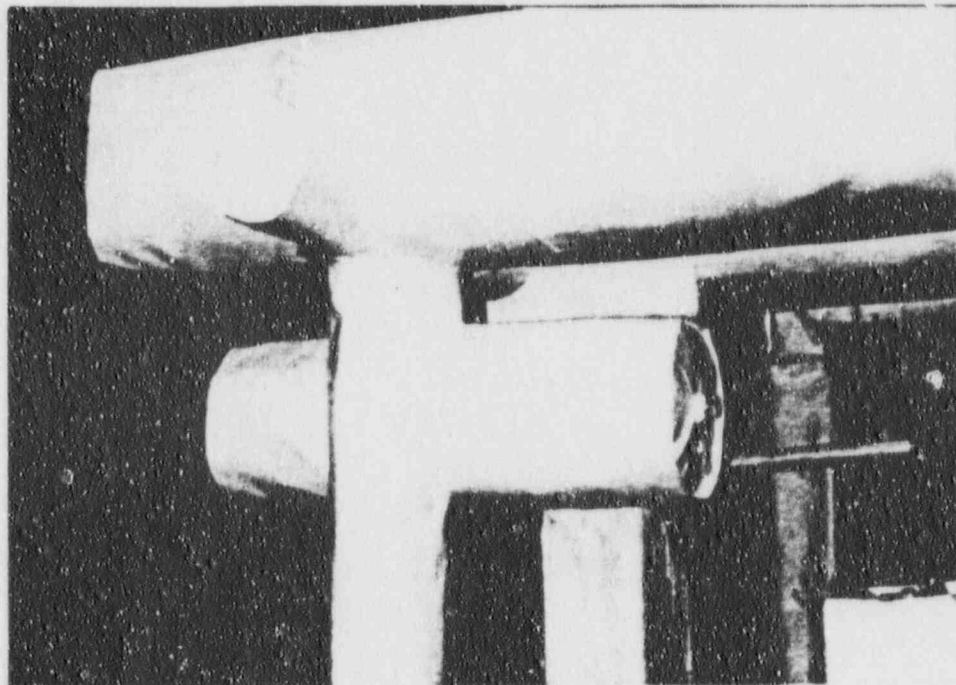
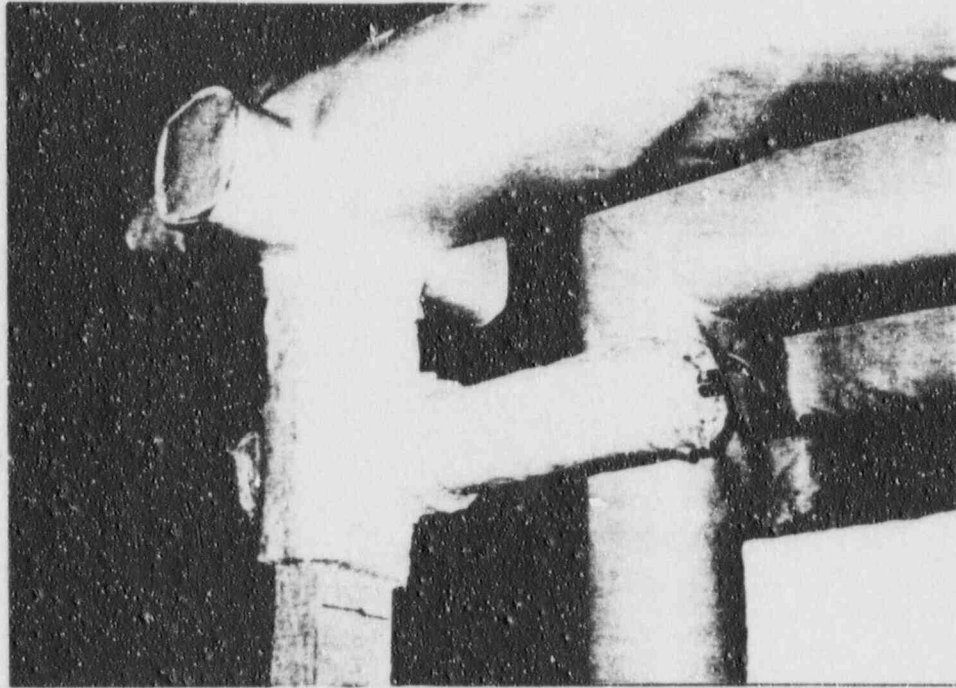
ASSEMBLY DURING CONSTRUCTION

NC1973  
APP. A  
PAGE 6



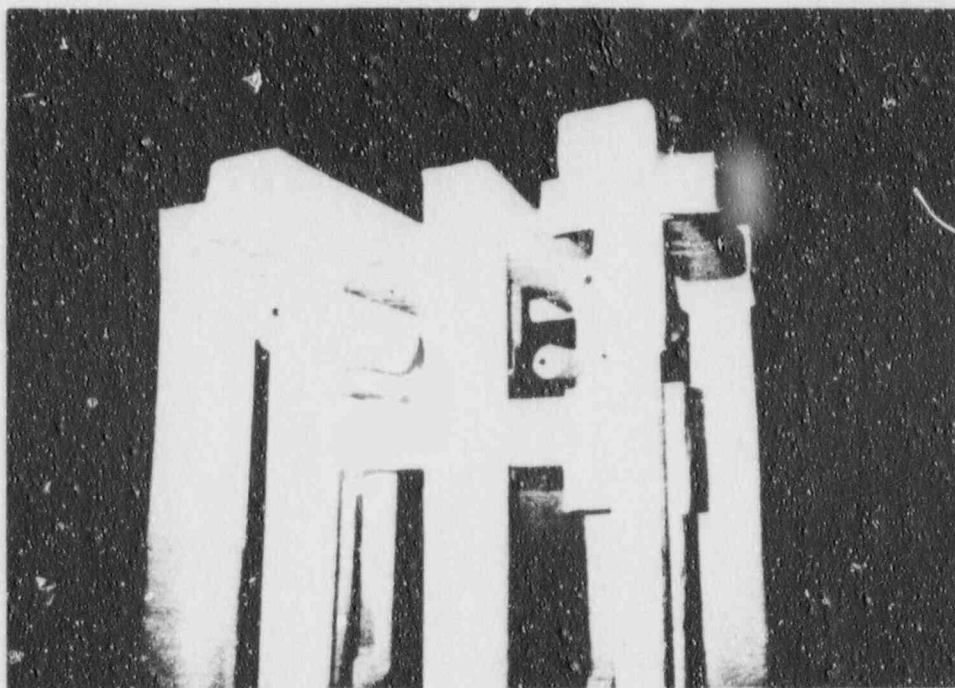
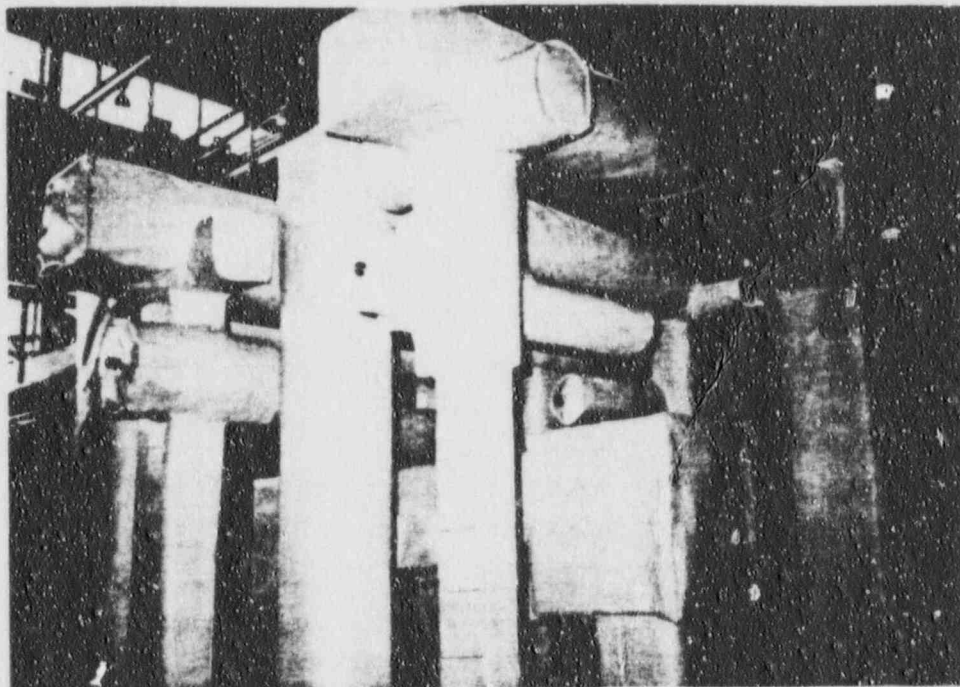
ASSEMBLY DURING CONSTRUCTION

NC1973  
APP. A  
PAGE 7



ASSEMBLY DURING CONSTRUCTION

NC1973  
APP. A  
PAGE 8



ASSEMBLY DURING CONSTRUCTION

FLORIDA POWER CORPORATION  
 RACEWAY FIRE BARRIERS  
 95NK17030/NC1973  
 Test Date: JULY 8, 1996

## FURNACE TEMPERATURES, °F

TIME hr:min:sec	TC 401	TC 402	TC 403	TC 404	TC 405	TC 406	TC 407	TC 408
0:00:00	80.6	109.5	99.1	93.3	122.5	109.4	120.2	233.1
0:01:00	80.9	304.4	194.7	171.0	256.6	212.9	268.0	433.2
0:02:00	81.2	986.7	902.6	760.2	652.0	588.7	659.0	785.7
0:03:00	81.4	1325.7	1170.3	1140.1	1043.1	933.0	1088.4	1055.7
0:04:00	81.4	1394.9	1197.8	1211.9	1232.8	1122.2	1253.2	1144.2
0:05:00	81.3	1448.8	1189.4	1211.6	1302.0	1178.8	1301.0	1171.8
0:06:00	81.3	1436.3	1165.8	1186.6	1298.3	1172.9	1309.3	1182.8
0:07:00	81.1	1424.6	1164.6	1187.1	1305.6	1234.0	1320.2	1236.9
0:08:00	81.3	1490.9	1224.6	1259.8	1370.9	1328.4	1374.0	1282.9
0:09:00	81.3	1541.3	1301.0	1335.8	1453.9	1400.6	1417.2	1302.5
0:10:00	81.4	1557.6	1349.6	1377.2	1492.5	1435.2	1441.2	1314.2
0:11:00	81.5	1491.1	1359.5	1384.2	1492.2	1439.5	1443.4	1315.5
0:12:00	81.1	1437.3	1357.7	1383.1	1467.6	1434.6	1447.6	1328.3
0:13:00	1101.4	1402.8	1357.5	1377.8	1452.1	1425.5	1443.4	1316.0
0:14:00	1238.4	1371.2	1355.7	1377.0	1446.4	1425.9	1449.9	1346.5
0:15:00	1291.7	1362.1	1353.3	1372.7	1432.3	1451.7	1450.9	1479.5
0:16:00	1321.2	1364.9	1363.0	1377.5	1427.0	1463.6	1448.2	1528.1
0:17:00	1353.0	1390.8	1374.3	1387.6	1429.0	1461.6	1453.3	1534.4
0:18:00	1365.5	1394.4	1388.4	1403.3	1437.8	1469.8	1469.1	1521.6
0:19:00	1360.6	1380.6	1388.9	1401.7	1438.5	1450.9	1458.1	1436.6
0:20:00	1375.6	1397.2	1409.1	1430.5	1456.3	1461.5	1464.9	1396.1
0:21:00	1402.1	1426.2	1438.0	1463.1	1482.9	1482.3	1479.9	1398.5
0:22:00	1474.8	1531.3	1474.7	1493.0	1532.0	1504.7	1529.5	1452.6
0:23:00	1522.2	1604.1	1498.2	1507.0	1515.1	1485.8	1539.8	1476.7
0:24:00	1529.4	1584.0	1513.9	1518.7	1504.2	1475.3	1547.3	1480.8
0:25:00	1515.5	1527.0	1520.3	1529.0	1504.3	1470.1	1549.6	1489.0
0:26:00	1514.1	1516.6	1529.7	1533.8	1504.7	1471.9	1547.2	1493.7
0:27:00	1515.8	1514.6	1532.7	1539.3	1511.2	1478.1	1549.1	1485.6
0:28:00	1502.6	1479.2	1511.7	1529.0	1498.4	1480.1	1554.0	1466.5
0:29:00	1494.9	1464.6	1527.4	1528.2	1489.6	1487.5	1550.6	1459.4
0:30:00	1494.9	1463.7	1526.2	1526.6	1485.6	1491.7	1543.7	1466.2
0:31:00	1498.2	1465.0	1527.3	1527.9	1488.7	1491.2	1551.6	1474.3
0:32:00	1528.8	1535.8	1535.9	1534.9	1491.1	1498.4	1554.1	1485.0
0:33:00	1549.0	1574.5	1546.7	1541.1	1494.9	1500.7	1561.7	1479.0
0:34:00	1562.1	1594.9	1555.6	1554.0	1499.6	1510.1	1563.3	1484.6
0:35:00	1573.9	1602.9	1562.5	1555.8	1504.5	1512.0	1571.7	1485.0
0:36:00	1592.9	1625.2	1577.3	1573.0	1518.7	1524.6	1585.3	1498.6
0:37:00	1617.6	1653.5	1603.9	1599.3	1543.9	1527.7	1591.7	1530.2
0:38:00	1639.4	1674.9	1620.7	1615.9	1563.2	1543.8	1604.6	1559.2
0:39:00	1651.1	1686.7	1637.3	1626.8	1575.4	1550.6	1619.7	1577.0
0:40:00	1662.9	1703.7	1647.8	1634.2	1582.9	1559.5	1633.8	1586.7
0:41:00	1666.7	1710.3	1657.7	1644.1	1588.6	1570.1	1638.4	1618.3

FLORIDA POWER CORPORATION  
RACEWAY FIRE BARRIERS  
95NK17030/NC1973  
Test Date: JULY 8, 1996

## FURNACE TEMPERATURES, °F

TIME hr:min:sec	TC 401	TC 402	TC 403	TC 404	TC 405	TC 406	TC 407	TC 408
0:42:00	1660.1	1704.4	1657.8	1644.2	1583.8	1564.4	1628.9	1619.6
0:43:00	1653.8	1669.6	1654.1	1635.7	1592.0	1579.1	1649.7	1605.3
0:44:00	1654.6	1666.6	1654.0	1631.4	1591.7	1590.9	1647.3	1610.7
0:45:00	1655.3	1668.1	1657.2	1635.2	1595.1	1598.7	1657.6	1622.2
0:46:00	1655.7	1668.1	1657.0	1634.5	1601.3	1604.0	1667.3	1602.6
0:47:00	1653.0	1658.5	1648.8	1624.0	1597.8	1601.6	1658.3	1609.3
0:48:00	1651.1	1658.1	1647.1	1625.6	1593.3	1594.0	1658.0	1620.5
0:49:00	1652.8	1656.9	1645.9	1623.2	1597.3	1591.9	1667.8	1600.5
0:50:00	1649.9	1649.5	1641.7	1615.7	1597.5	1595.5	1668.3	1599.0
0:51:00	1642.8	1639.5	1634.6	1605.6	1606.2	1590.4	1673.5	1617.2
0:52:00	1641.0	1634.2	1628.9	1600.2	1624.3	1594.9	1686.2	1653.0
0:53:00	1642.2	1636.5	1627.8	1599.1	1637.1	1612.9	1692.5	1674.0
0:54:00	1639.2	1635.4	1629.0	1600.1	1642.9	1629.6	1703.6	1626.9
0:55:00	1648.2	1650.8	1639.5	1608.9	1651.9	1636.5	1707.9	1633.8
0:56:00	1674.0	1679.8	1662.4	1633.3	1669.3	1660.4	1725.3	1658.3
0:57:00	1688.7	1696.1	1676.4	1647.2	1679.4	1676.0	1732.3	1666.7
0:58:00	1703.1	1710.1	1686.0	1657.0	1686.3	1685.8	1736.5	1690.3
0:59:00	1705.3	1717.0	1690.8	1658.0	1692.0	1688.3	1739.5	1715.9
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1:15:00	1753.4	1770.4	1752.0	1738.6	1779.2	1735.6	1795.6	1731.0
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1:17:00	1769.3	1786.8	1763.8	1746.3	1791.0	1748.4	1809.5	1745.6
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1:19:00	1779.7	1785.8	1763.2	1744.4	1790.7	1764.2	1816.8	1739.9
1:20:00	1781.7	1787.2	1764.4	1742.9	1789.8	1764.2	1814.8	1726.4
1:21:00	1778.2	1787.8	1763.6	1743.3	1791.2	1758.7	1810.7	1743.9
1:22:00	1775.1	1783.0	1764.9	1742.1	1790.5	1760.9	1811.2	1762.9
1:23:00	1775.0	1787.3	1767.5	1742.4	1782.6	1764.2	1815.1	1751.2

FLORIDA POWER CORPORATION  
RACEWAY FIRE BARRIERS  
95NK17030/NC1973  
Test Date: JULY 8, 1996

## FURNACE TEMPERATURES, °F

TIME hr:min:sec	TC 401	TC 402	TC 403	TC 404	TC 405	TC 406	TC 407	TC 408
1:24:00	1786.1	1799.9	1779.3	1755.2	1783.0	1772.6	1819.5	1759.4
1:25:00	1790.5	1800.5	1784.8	1761.8	1786.1	1775.4	1827.9	1766.4
1:26:00	1789.5	1804.9	1789.1	1768.8	1790.5	1776.9	1833.0	1753.6
1:27:00	1790.7	1804.5	1788.2	1768.1	1791.1	1778.2	1831.9	1743.8
1:28:00	1790.0	1808.7	1788.0	1776.3	1799.5	1775.6	1837.6	1786.2
1:29:00	1795.8	1813.0	1792.9	1770.6	1805.7	1780.2	1842.5	1787.8
1:30:00	1800.5	1816.7	1795.4	1769.1	1810.7	1788.0	1842.9	1778.1
1:31:00	1807.3	1822.0	1798.0	1769.4	1806.0	1784.0	1846.8	1777.2
1:32:00	1814.5	1825.9	1803.9	1770.9	1811.7	1794.6	1851.4	1793.9
1:33:00	1823.8	1830.6	1804.2	1778.3	1813.9	1798.9	1854.7	1792.1
1:34:00	1831.7	1834.2	1819.2	1784.3	1820.0	1806.3	1861.1	1796.9
1:35:00	1832.1	1841.0	1817.3	1782.6	1824.3	1812.7	1866.3	1808.2
1:36:00	1837.2	1847.6	1825.6	1793.6	1831.1	1820.7	1869.2	1819.9
1:37:00	1842.0	1847.8	1829.4	1794.7	1836.6	1827.4	1873.7	1805.4
1:38:00	1844.0	1849.4	1830.8	1795.7	1840.9	1829.6	1876.9	1812.1
1:39:00	1843.5	1848.1	1832.1	1807.6	1846.1	1832.7	1879.4	1818.5
1:40:00	1842.1	1846.3	1830.9	1807.9	1839.7	1826.1	1874.2	1808.1
1:41:00	1835.6	1842.9	1827.7	1803.9	1835.0	1819.3	1870.6	1799.2
1:42:00	1832.7	1831.4	1823.4	1799.0	1832.1	1814.0	1869.3	1793.7
1:43:00	1834.3	1832.0	1824.2	1800.1	1833.7	1809.1	1869.2	1786.8
1:44:00	1821.0	1810.6	1811.8	1788.1	1815.6	1793.9	1857.5	1801.5
1:45:00	1793.5	1787.7	1789.2	1758.1	1786.9	1767.1	1831.9	1789.2
1:46:00	1781.8	1772.5	1779.1	1749.7	1778.4	1781.4	1822.8	1756.1
1:47:00	1773.7	1767.6	1771.6	1736.6	1767.4	1752.8	1815.1	1755.2
1:48:00	1769.4	1762.5	1767.1	1730.2	1761.9	1745.2	1810.7	1750.2
1:49:00	1783.1	1778.1	1782.7	1743.1	1773.8	1756.6	1822.3	1770.5
1:50:00	1791.8	1785.5	1793.5	1754.9	1784.4	1765.2	1833.5	1776.9
1:51:00	1795.4	1792.0	1796.7	1754.3	1786.4	1768.5	1835.8	1793.5
1:52:00	1805.7	1802.6	1796.0	1759.2	1792.2	1778.1	1843.4	1782.6
1:53:00	1811.2	1803.5	1805.0	1765.8	1797.2	1778.7	1847.3	1827.1
1:54:00	1817.5	1811.5	1805.4	1771.1	1803.7	1784.7	1847.2	1819.0
1:55:00	1818.5	1815.2	1815.4	1776.0	1808.0	1790.7	1851.7	1813.2
1:56:00	1821.9	1824.6	1810.6	1781.1	1809.4	1793.5	1852.6	1833.4
1:57:00	1820.7	1830.3	1821.0	1781.8	1810.8	1792.2	1853.6	1853.6
1:58:00	1826.1	1839.8	1827.1	1790.4	1806.5	1798.7	1841.3	1844.7
1:59:00	1831.1	1841.7	1831.1	1794.8	1802.8	1798.1	1832.1	1850.1
2:00:00	1832.7	1838.4	1833.8	1797.3	1803.4	1803.2	1831.5	1833.6
2:01:00	1830.7	1844.0	1841.0	1804.8	1807.4	1803.8	1833.4	1833.6
2:02:00	1833.5	1842.9	1848.5	1812.9	1814.3	1810.0	1834.8	1853.4
2:03:00	1837.5	1848.6	1859.2	1822.7	1815.6	1814.2	1834.8	1863.2
2:04:00	1838.5	1852.8	1856.9	1817.5	1820.7	1813.5	1839.6	1869.1
2:05:00	1844.0	1858.0	1859.0	1818.7	1823.9	1819.4	1843.8	1870.5

FLORIDA POWER CORPORATION  
RACEWAY FIRE BARRIERS  
95NK17030/NC1973  
Test Date: JULY 8, 1996

## FURNACE TEMPERATURES, °F

TIME hr:min:sec	TC 401	TC 402	TC 403	TC 404	TC 405	TC 406	TC 407	TC 408
2:06:00	1848.7	1862.0	1861.5	1817.9	1825.4	1823.4	1847.1	1876.0
2:07:00	1849.3	1867.7	1861.3	1815.5	1829.0	1826.1	1849.8	1877.6
2:08:00	1854.4	1872.5	1862.5	1820.3	1832.2	1825.7	1849.7	1872.9
2:09:00	1853.4	1874.7	1862.8	1821.2	1835.0	1823.5	1848.7	1879.5
2:10:00	1851.9	1872.1	1867.2	1824.2	1840.2	1820.8	1849.8	1887.2
2:11:00	1854.9	1879.1	1872.4	1828.7	1848.9	1824.2	1853.0	1879.3
2:12:00	1859.4	1881.5	1873.3	1825.8	1852.1	1831.4	1856.7	1893.2
2:13:00	1865.2	1881.5	1856.4	1831.3	1858.0	1835.2	1864.0	1903.5
2:14:00	1866.9	1889.8	1877.4	1831.2	1860.4	1835.3	1871.2	1910.3
2:15:00	1867.7	1893.6	1852.9	1837.9	1866.3	1838.0	1875.3	1932.2
2:16:00	1875.7	1906.9	1893.3	1845.7	1877.2	1851.2	1886.1	1934.1
2:17:00	1893.6	1926.0	1910.8	1868.8	1895.3	1874.3	1897.9	1941.6
2:18:00	1904.7	1929.9	1919.4	1879.8	1899.9	1886.6	1906.5	1929.3
2:19:00	1901.3	1925.2	1918.7	1874.4	1898.0	1883.8	1907.0	1917.2
2:20:00	1874.2	1890.6	1895.5	1847.8	1870.3	1850.3	1899.5	1866.2
2:21:00	1855.7	1874.1	1878.9	1829.3	1855.3	1834.5	1894.1	1833.6
2:22:00	1849.5	1865.6	1873.7	1822.9	1854.4	1825.5	1892.1	1809.9
2:23:00	1847.9	1867.9	1873.9	1826.3	1850.0	1822.3	1878.8	1855.0
2:24:00	1848.3	1869.3	1873.8	1828.8	1845.4	1820.0	1865.8	1872.4
2:25:00	1846.2	1871.3	1871.4	1828.7	1841.5	1822.8	1867.1	1852.5
2:26:00	1873.3	1910.1	1894.9	1857.1	1873.0	1857.6	1891.4	1897.0
2:27:00	1890.5	1922.4	1898.9	1882.1	1890.7	1877.9	1897.6	1910.0
2:28:00	1895.5	1925.9	1900.2	1885.3	1901.1	1889.5	1904.8	1914.3
2:29:00	1902.6	1929.2	1904.1	1889.5	1907.2	1897.1	1911.7	1912.6
2:30:00	1910.3	1932.8	1910.9	1895.3	1912.0	1905.3	1917.3	1914.2
2:31:00	1917.2	1941.7	1919.4	1896.9	1918.3	1903.2	1925.4	1933.3
2:32:00	1924.4	1940.2	1926.5	1898.5	1921.5	1900.8	1928.7	1948.5
2:33:00	1926.5	1943.2	1927.7	1902.7	1925.7	1906.7	1931.5	1947.2
2:34:00	1929.2	1947.1	1919.1	1905.1	1929.5	1908.7	1931.4	1951.8
2:35:00	1932.3	1951.5	1934.4	1911.4	1932.4	1915.4	1936.6	1953.4
2:36:00	1936.7	1952.1	1906.9	1908.7	1933.7	1918.0	1939.4	1959.7
2:37:00	1938.9	1951.3	1936.5	1905.2	1936.8	1920.7	1940.7	1956.2
2:38:00	1937.3	1953.6	1940.4	1910.2	1939.0	1921.1	1940.7	1968.2
2:39:00	1941.4	1950.1	1942.0	1910.2	1942.7	1922.6	1941.4	1974.8
2:40:00	1934.8	1940.1	1937.9	1906.6	1935.5	1917.8	1937.4	1976.7
2:41:00	1928.9	1941.9	1935.2	1904.3	1932.3	1916.3	1933.6	1976.7
2:42:00	1931.0	1938.1	1935.9	1906.3	1932.8	1911.5	1935.8	1976.7
2:43:00	1935.0	1938.6	1940.1	1911.1	1934.1	1910.4	1934.9	1986.5
2:44:00	1934.4	1945.1	1941.8	1910.1	1931.8	1914.8	1937.7	1982.3
2:45:00	1931.5	1943.0	1941.6	1906.8	1929.1	1911.2	1937.6	1979.5
2:46:00	1931.3	1944.7	1944.3	1905.2	1918.9	1906.1	1925.4	1969.7
2:47:00	1933.9	1945.7	1949.0	1908.6	1915.3	1900.4	1917.2	1961.3

FLORIDA POWER CORPORATION  
 RACEWAY FIRE BARRIERS  
 95NK17030/NC1973  
 Test Date: JULY 8, 1996

## FURNACE TEMPERATURES, °F

TIME hr:min:sec	TC 401	TC 402	TC 403	TC 404	TC 405	TC 406	TC 407	TC 408
2:48:00	1932.2	1944.1	1949.3	1906.0	1912.9	1900.1	1912.2	1957.1
2:49:00	1931.7	1941.8	1948.6	1904.8	1913.5	1899.1	1908.8	1946.2
2:50:00	1927.2	1935.4	1944.1	1898.6	1909.6	1888.2	1906.9	1932.5
2:51:00	1923.8	1929.5	1941.5	1895.7	1904.1	1885.4	1899.5	1945.6
2:52:00	1921.0	1930.5	1940.9	1891.9	1900.8	1885.6	1899.5	1935.9
2:53:00	1919.8	1931.2	1941.4	1891.1	1897.0	1880.5	1898.4	1945.8
2:54:00	1919.7	1929.6	1948.0	1897.0	1895.9	1870.8	1897.3	1918.8
2:55:00	1919.2	1929.5	1887.8	1898.4	1894.8	1871.9	1893.1	1932.5
2:56:00	1920.0	1930.6	1952.6	1899.9	1893.8	1866.8	1890.1	1940.9
2:57:00	1923.3	1933.1	1872.6	1900.4	1895.1	1870.8	1890.0	1929.6
2:58:00	1923.3	1933.1	1955.9	1900.8	1895.0	1870.8	1893.3	1922.2
2:59:00	1925.5	1932.5	1957.2	1900.1	1894.2	1871.9	1893.0	1930.8
3:00:00	1925.5	1929.3	1981.5	1900.9	1891.0	1870.1	1890.8	1926.1
3:01:00	1919.4	1920.5	1969.6	1903.2	1901.7	1877.4	1896.7	1905.8
3:02:00	1920.7	1920.7	1974.1	1906.2	1906.9	1882.3	1900.2	1902.5
3:03:00	1921.6	1921.4	1976.8	1907.8	1911.1	1893.5	1902.8	1906.9
3:04:00	1923.7	1922.6	1977.9	1910.2	1916.1	1898.1	1907.1	1904.1
3:05:00	1925.2	1921.7	1981.5	1914.2	1920.6	1904.8	1908.9	1906.6
3:06:00	1927.4	1920.8	1982.5	1917.5	1924.6	1911.6	1905.9	1915.1
3:07:00	1930.0	1923.1	1985.6	1920.0	1926.1	1915.1	1907.0	1918.6
3:08:00	1929.8	1922.4	1987.5	1921.6	1927.8	1917.2	1907.2	1918.8
3:09:00	1932.6	1924.0	1989.0	1925.0	1939.3	1918.5	1918.0	1916.1
3:10:00	1932.4	1921.0	1990.4	1926.3	1944.6	1921.9	1923.0	1920.1
3:11:00	1930.2	1921.1	1991.8	1927.7	1951.5	1918.9	1926.1	1899.7
3:12:00	1923.4	1914.7	1987.9	1922.7	1942.0	1907.1	1926.4	1903.7

FLORIDA POWER CORPORATION  
RACEWAY FIRE BARRIERS  
95NK17030/NC1973  
Test Date: JULY 8, 1996

## FURNACE TEMPERATURES, °F

TIME	AVERAGE
hr:min:sec	
0:00:00	126.7
0:01:00	263.0
0:02:00	762.1
0:03:00	1108.9
0:04:00	1227.4
0:05:00	1257.3
0:06:00	1250.3
0:07:00	1267.6
0:08:00	1333.1
0:09:00	1393.2
0:10:00	1423.9
0:11:00	1417.9
0:12:00	1408.0
0:13:00	1359.6
0:14:00	1376.4
0:15:00	1399.3
0:16:00	1411.7
0:17:00	1423.0
0:18:00	1431.2
0:19:00	1414.5
0:20:00	1423.9
0:21:00	1446.6
0:22:00	1499.1
0:23:00	1518.6
0:24:00	1519.2
0:25:00	1513.1
0:26:00	1514.0
0:27:00	1515.8
0:28:00	1505.2
0:29:00	1500.0
0:30:00	1499.9
0:31:00	1503.0
0:32:00	1520.5
0:33:00	1531.0
0:34:00	1540.5
0:35:00	1546.0
0:36:00	1562.0
0:37:00	1583.5
0:38:00	1602.7
0:39:00	1615.6
0:40:00	1626.4
0:41:00	1636.8

FLORIDA POWER CORPORATION  
RACEWAY FIRE BARRIERS  
95NK17030/NC1973  
Test Date: JULY 8, 1996

## FURNACE TEMPERATURES, °F

TIME	AVERAGE
hr:min:sec	
0:42:00	1632.9
0:43:00	1629.9
0:44:00	1630.9
0:45:00	1636.2
0:46:00	1636.3
0:47:00	1631.4
0:48:00	1631.0
0:49:00	1629.5
0:50:00	1627.1
0:51:00	1626.2
0:52:00	1632.8
0:53:00	1640.3
0:54:00	1638.3
0:55:00	1647.2
0:56:00	1670.4
0:57:00	1662.9
0:58:00	1694.4
0:59:00	1700.9
1:00:00	1703.9
1:01:00	1706.1
1:02:00	1708.4
1:03:00	1704.8
1:04:00	1708.3
1:05:00	1711.8
1:06:00	1714.9
1:07:00	1716.0
1:08:00	1723.0
1:09:00	1726.2
1:10:00	1733.1
1:11:00	1737.5
1:12:00	1742.3
1:13:00	1746.0
1:14:00	1749.6
1:15:00	1757.0
1:16:00	1762.5
1:17:00	1770.1
1:18:00	1773.8
1:19:00	1773.1
1:20:00	1771.4
1:21:00	1772.2
1:22:00	1773.8
1:23:00	1773.2

FLORIDA POWER CORPORATION  
RACEWAY FIRE BARRIERS  
95NK17030/NC1973  
Test Date: JULY 8, 1996

## FURNACE TEMPERATURES, °F

TIME	AVERAGE
hr:min:sec	
1:24:00	1781.9
1:25:00	1786.7
1:26:00	1788.3
1:27:00	1787.3
1:28:00	1795.2
1:29:00	1796.6
1:30:00	1800.2
1:31:00	1801.3
1:32:00	1808.4
1:33:00	1812.1
1:34:00	1819.2
1:35:00	1823.1
1:36:00	1830.6
1:37:00	1832.1
1:38:00	1834.9
1:39:00	1838.5
1:40:00	1834.7
1:41:00	1829.3
1:42:00	1824.5
1:43:00	1823.7
1:44:00	1812.3
1:45:00	1788.0
1:46:00	1775.2
1:47:00	1767.5
1:48:00	1762.2
1:49:00	1776.3
1:50:00	1785.7
1:51:00	1790.3
1:52:00	1795.0
1:53:00	1804.5
1:54:00	1807.5
1:55:00	1811.1
1:56:00	1815.9
1:57:00	1820.5
1:58:00	1821.8
1:59:00	1822.7
2:00:00	1821.7
2:01:00	1824.8
2:02:00	1831.3
2:03:00	1837.0
2:04:00	1838.6
2:05:00	1842.2

FLORIDA POWER CORPORATION  
RACEWAY FIRE BARRIERS  
95NK17030/NC1973  
Test Date: JULY 8, 1996

## FURNACE TEMPERATURES, °F

TIME	AVERAGE
hr:min:sec	
2:06:00	1845.3
2:07:00	1847.0
2:08:00	1848.8
2:09:00	1849.9
2:10:00	1851.7
2:11:00	1855.1
2:12:00	1859.2
2:13:00	1861.9
2:14:00	1867.8
2:15:00	1870.5
2:16:00	1883.8
2:17:00	1901.0
2:18:00	1907.0
2:19:00	1903.2
2:20:00	1874.3
2:21:00	1856.9
2:22:00	1849.2
2:23:00	1852.8
2:24:00	1853.0
2:25:00	1850.2
2:26:00	1881.8
2:27:00	1896.3
2:28:00	1902.1
2:29:00	1906.8
2:30:00	1912.3
2:31:00	1919.4
2:32:00	1923.6
2:33:00	1926.4
2:34:00	1927.7
2:35:00	1933.4
2:36:00	1931.9
2:37:00	1935.8
2:38:00	1938.8
2:39:00	1940.7
2:40:00	1935.9
2:41:00	1933.7
2:42:00	1933.5
2:43:00	1936.3
2:44:00	1937.3
2:45:00	1935.1
2:46:00	1930.7
2:47:00	1928.9

FLORIDA POWER CORPORATION  
RACEWAY FIRE BARRIERS  
95NK17030/NC1973  
Test Date: JULY 8, 1996

## FURNACE TEMPERATURES, °F

TIME	AVERAGE
hr:min:sec	
2:48:00	1926.7
2:49:00	1924.3
2:50:00	1917.8
2:51:00	1915.6
2:52:00	1913.3
2:53:00	1913.2
2:54:00	1909.6
2:55:00	1903.4
2:56:00	1911.3
2:57:00	1901.9
2:58:00	1911.8
2:59:00	1913.2
3:00:00	1911.9
3:01:00	1911.8
3:02:00	1914.2
3:03:00	1917.7
3:04:00	1920.0
3:05:00	1922.9
3:06:00	1925.7
3:07:00	1928.2
3:08:00	1928.8
3:09:00	1932.8
3:10:00	1935.0
3:11:00	1933.4
3:12:00	1928.5

FLORIDA POWER CORPORATION  
RACEWAY FIRE BARRIERS  
95NK17030/NC1973  
Test Date: JULY 8, 1996

## FURNACE PRESSURES, INCHES OF WATER

TIME hr:min:sec	CHAN 410	CHAN 411
0:00:00	-0.0141	-0.0168
0:01:00	0.0108	-0.0003
0:02:00	-0.0193	-0.0294
0:03:00	-0.0227	-0.0338
0:04:00	-0.0217	-0.0291
0:05:00	-0.0205	-0.0305
0:06:00	-0.0225	-0.0351
0:07:00	-0.0096	-0.0214
0:08:00	0.0074	-0.0041
0:09:00	0.0061	-0.0046
0:10:00	0.0075	-0.0038
0:11:00	0.0069	-0.0035
0:12:00	0.0062	-0.0059
0:13:00	0.0062	-0.0061
0:14:00	0.0092	-0.0026
0:15:00	0.0069	-0.0036
0:16:00	0.0058	-0.0051
0:17:00	0.0074	-0.0040
0:18:00	0.0081	-0.0058
0:19:00	0.0097	-0.0027
0:20:00	0.0095	-0.0017
0:21:00	0.0094	-0.0013
0:22:00	0.0098	-0.0016
0:23:00	0.0079	-0.0016
0:24:00	0.0090	-0.0033
0:25:00	0.0091	-0.0003
0:26:00	0.0071	-0.0023
0:27:00	0.0012	-0.0024
0:28:00	-0.0004	-0.0098
0:29:00	0.0028	-0.0085
0:30:00	-0.0007	-0.0111
0:31:00	0.0015	-0.0085
0:32:00	0.0015	-0.0105
0:33:00	0.0024	-0.0077
0:34:00	0.0040	-0.0072
0:35:00	-0.0009	-0.0104
0:36:00	0.0055	-0.0029
0:37:00	0.0075	-0.0041
0:38:00	0.0059	-0.0034
0:39:00	0.0060	-0.0040
0:40:00	0.0066	-0.0054
0:41:00	0.0064	-0.0030

FLORIDA POWER CORPORATION  
RACEWAY FIRE BARRIERS  
95NK17030/NC1973  
Test Date: JULY 8, 1996

## FURNACE PRESSURES, INCHES OF WATER

TIME	CHAN 410	CHAN 411
hr:min:sec		
0:42:00	0.0071	-0.0047
0:43:00	0.0071	-0.0036
0:44:00	0.0047	-0.0045
0:45:00	0.0051	-0.0058
0:46:00	0.0046	-0.0057
0:47:00	0.0062	-0.0037
0:48:00	0.0034	-0.0055
0:49:00	0.0052	-0.0059
0:50:00	0.0071	-0.0062
0:51:00	0.0044	-0.0063
0:52:00	0.0066	-0.0052
0:53:00	0.0074	-0.0048
0:54:00	0.0061	-0.0049
0:55:00	0.0038	-0.0059
0:56:00	0.0056	-0.0037
0:57:00	0.0068	-0.0047
0:58:00	0.0062	-0.0046
0:59:00	0.0052	-0.0061
1:00:00	0.0072	-0.0053
1:01:00	0.0075	-0.0038
1:02:00	0.0053	-0.0054
1:03:00	0.0060	-0.0054
1:04:00	0.0066	-0.0055
1:05:00	0.0070	-0.0025
1:06:00	0.0066	-0.0027
1:07:00	0.005	-0.0047
1:08:00	0.0038	-0.0026
1:09:00	0.0062	-0.0056
1:10:00	0.0054	-0.0024
1:11:00	0.0062	-0.0036
1:12:00	0.0072	-0.0016
1:13:00	0.0066	-0.0046
1:14:00	0.0065	-0.0037
1:15:00	0.0068	-0.0043
1:16:00	0.0060	-0.0037
1:17:00	0.0059	-0.0030
1:18:00	0.0059	-0.0050
1:19:00	0.0051	-0.0034
1:20:00	0.0082	-0.0017
1:21:00	0.0069	-0.0024
1:22:00	0.0077	-0.0044
1:23:00	0.0074	-0.0037

FLORIDA POWER CORPORATION  
RACEWAY FIRE BARRIERS  
95NK17030/NC1973  
Test Date: JULY 8, 1996

## FURNACE PRESSURES, INCHES OF WATER

TIME hr:min:sec	CHAN 410	CHAN 411
1:24:00	0.0078	-0.0041
1:25:00	0.0078	-0.0027
1:26:00	0.0071	-0.0030
1:27:00	0.0055	-0.0022
1:28:00	0.0077	-0.0039
1:29:00	0.0062	-0.0059
1:30:00	0.0082	-0.0039
1:31:00	0.0059	-0.0033
1:32:00	0.0075	-0.0034
1:33:00	0.0076	-0.0024
1:34:00	0.0069	-0.0035
1:35:00	0.0064	-0.0042
1:36:00	0.0073	-0.0027
1:37:00	0.0073	-0.0038
1:38:00	0.0065	-0.0020
1:39:00	0.0043	-0.0039
1:40:00	0.0070	-0.0050
1:41:00	0.0060	-0.0049
1:42:00	0.0074	-0.0020
1:43:00	0.0080	-0.0040
1:44:00	0.0000	-0.0116
1:45:00	-0.0016	-0.0112
1:46:00	-0.0034	-0.0115
1:47:00	-0.0042	-0.0135
1:48:00	-0.0039	-0.0139
1:49:00	-0.0013	-0.0102
1:50:00	-0.0001	-0.0124
1:51:00	-0.0010	-0.0109
1:52:00	-0.0014	-0.0108
1:53:00	-0.0011	-0.0108
1:54:00	-0.0005	-0.0117
1:55:00	-0.0023	-0.0114
1:56:00	-0.0025	-0.0100
1:57:00	-0.0022	-0.0112
1:58:00	-0.0033	-0.0127
1:59:00	-0.0012	-0.0112
2:00:00	-0.0007	-0.0124
2:01:00	0.0004	-0.0108
2:02:00	0.0000	-0.0107
2:03:00	-0.0012	-0.0111
2:04:00	0.0020	-0.0095
2:05:00	-0.0028	-0.0106

FLORIDA POWER CORPORATION  
 RACEWAY FIRE BARRIERS  
 95NK17030/NC1973  
 Test Date: JULY 8, 1996

## FURNACE PRESSURES, INCHES OF WATER

TIME	CHAN 410	CHAN 411
hr:min:sec		
2:06:00	0.0002	-0.0102
2:07:00	-0.0022	-0.0096
2:08:00	-0.0001	-0.0108
2:09:00	0.0002	-0.0111
2:10:00	-0.0019	-0.0116
2:11:00	-0.0009	-0.0093
2:12:00	-0.0018	-0.0106
2:13:00	-0.0006	-0.0111
2:14:00	-0.0014	-0.0125
2:15:00	-0.0019	-0.0111
2:16:00	0.0052	-0.0073
2:17:00	0.0048	-0.0065
2:18:00	0.0041	-0.0057
2:19:00	-0.0023	-0.0119
2:20:00	-0.0031	-0.0114
2:21:00	-0.0019	-0.0119
2:22:00	-0.0013	-0.0108
2:23:00	-0.0017	-0.0098
2:24:00	-0.0014	-0.0117
2:25:00	0.0065	-0.0040
2:26:00	0.0075	-0.0042
2:27:00	0.0066	-0.0048
2:28:00	0.0064	-0.0034
2:29:00	0.0061	-0.0044
2:30:00	0.0054	-0.0038
2:31:00	0.0062	-0.0032
2:32:00	0.0063	-0.0037
2:33:00	0.0064	-0.0038
2:34:00	0.0066	-0.0038
2:35:00	0.0067	-0.0036
2:36:00	0.0054	-0.0039
2:37:00	0.0057	-0.0031
2:38:00	0.0075	-0.0031
2:39:00	0.0075	-0.0021
2:40:00	0.0057	-0.0032
2:41:00	0.0059	-0.0037
2:42:00	0.0052	-0.0048
2:43:00	0.0056	-0.0028
2:44:00	0.0057	-0.0047
2:45:00	0.0061	-0.0019
2:46:00	0.0060	-0.0035
2:47:00	0.0055	-0.0047

FLORIDA POWER CORPORATION  
RACEWAY FIRE BARRIERS  
95NK17030/NC1973  
Test Date: JULY 8, 1996

## FURNACE PRESSURES, INCHES OF WATER

TIME hr:min:sec	CHAN 410	CHAN 411
2:48:00	0.0064	-0.0040
2:49:00	0.0047	-0.0040
2:50:00	0.0061	-0.0033
2:51:00	0.0072	-0.0030
2:52:00	0.0051	-0.0043
2:53:00	0.0062	-0.0043
2:54:00	0.0047	-0.0036
2:55:00	0.0063	-0.0037
2:56:00	0.0055	-0.0030
2:57:00	0.0051	-0.0045
2:58:00	0.0069	-0.0036
2:59:00	0.0052	-0.0046
3:00:00	0.0053	-0.0041
3:01:00	0.0059	-0.0024
3:02:00	0.0073	-0.0042
3:03:00	0.0067	-0.0018
3:04:00	0.0057	-0.0039
3:05:00	0.0067	-0.0037
3:06:00	0.0065	-0.0041
3:07:00	0.0060	-0.0028
3:08:00	0.0077	-0.0026
3:09:00	0.0052	-0.0041
3:10:00	0.0062	-0.0039
3:11:00	0.0045	-0.0039
3:12:00	-0.0132	-0.0201

FLORIDA POWER CORPORATION  
 RACEWAY FIRE BARRIERS  
 95NK17030/NC1973  
 Test Date: JULY 8, 1996

## TEMPERATURES, °F

TIME hr:min:sec	TC 1	TC 2	TC 3	TC 4	TC 5	TC 6	TC 7	TC 8
0:00:00	82.0	84.6	82.0	81.9		82.0	84.8	82.0
0:05:00	81.8	84.7	81.9	81.9		81.9	84.8	82.0
0:07:30	81.9	84.7	82.0	81.9		81.9	84.9	82.0
0:10:00	82.3	85.1	82.3	82.0		82.0	85.5	82.0
0:12:30	83.7	86.2	83.7	82.7		82.7	86.7	82.5
0:15:00	86.7	88.6	86.7	84.4		84.4	89.3	83.9
0:17:30	91.2	92.3	91.3	87.2		87.2	92.6	86.3
0:20:00	97.3	99.1	97.5	91.2		91.3	97.3	90.0
0:22:30	104.6	109.1	104.7	96.0		96.0	102.7	94.2
0:25:00	113.0	118.0	113.1	101.7		101.7	107.6	99.2
0:27:30	122.1	126.1	122.1	107.8		107.8	112.6	105.0
0:30:00	130.9	134.3	131.0	114.1		114.2	118.3	111.1
0:32:30	139.1	141.1	139.3	120.8		120.8	123.5	117.4
0:35:00	148.3	152.2	148.4	127.8		127.8	132.2	124.2
0:37:30	159.4	162.8	159.5	138.7		138.8	140.8	131.6
0:40:00	169.9	173.4	169.9	153.4	147.8	153.4	155.2	140.4
0:42:30	179.7	183.4	179.7	167.8	163.7	167.8	169.5	152.4
0:45:00	189.7	193.8	189.7	180.5	177.6	180.4	183.7	168.7
0:47:30	199.9	202.1	200.0	191.7	196.9	191.5	196.1	185.8
0:50:00	207.3	209.4	207.4	200.3	208.4	200.3	205.6	197.8
0:52:30	212.4	211.5	212.4	203.2	207.7	203.2	207.3	201.9
0:55:00	216.2	214.5	216.3	203.6	210.0	203.6	210.8	204.2
0:57:30	221.8	218.5	221.8	206.8	211.3	206.8	214.5	206.8
1:00:00	229.9	223.8	230.0	212.9	213.4	212.9	218.2	209.4
1:02:30	238.9	229.3	238.9	221.2	218.3	221.2	223.6	211.9
1:05:00	247.4	234.5	247.5	230.1	226.0	230.1	231.2	215.6
1:07:30	255.5	240.0	255.5	239.2		239.3	239.5	226.1
1:10:00	264.3	246.8	264.3	248.8		248.8	248.5	237.1
1:12:30	273.8	252.7	273.9	258.3		258.2	255.8	247.7
1:15:00	285.0	260.9	285.1	267.7		267.7	267.3	257.7
1:17:30	299.5	268.0	299.5	275.5		275.4	277.0	267.0
1:20:00	315.2	274.5	315.2	284.4		284.3	287.4	276.5
1:22:30	330.1	280.9	330.1	292.4		292.4	296.6	285.9
1:25:00	341.1	291.1	341.1	301.1		301.2	307.5	295.0
1:27:30	350.9	301.3	350.9	310.3		310.2	318.7	305.7
1:30:00	362.2	311.3	362.3	319.7		319.6	326.9	314.7
1:32:30	376.1	322.7	376.1	329.3		329.4	336.1	323.6
1:35:00	389.2	333.7	389.2	339.0		338.9	346.0	333.0
1:37:30	401.0	340.2	401.0	350.3		350.2	353.8	342.3
1:40:00	412.0	352.3	412.0	360.9		360.9	365.9	350.7
1:42:30	425.3	363.8	425.3	370.6		370.6	375.2	360.1
1:45:00	439.1	372.9	439.2	380.7		380.6	387.2	369.2

FLORIDA POWER CORPORATION  
 RACEWAY FIRE BARRIERS  
 95NK17030/NC1973  
 Test Date: JULY 8, 1996

## TEMPERATURES, °F

TIME hr:min:sec	TC 1	TC 2	TC 3	TC 4	TC 5	TC 6	TC 7	TC 8
1:47:30	455.2	384.1	455.3	391.7		391.6	398.8	383.9
1:50:00	471.4	399.3	471.4	403.8		403.8	410.6	402.9
1:52:30	488.0	417.3	488.1	414.9		414.9	424.4	418.5
1:55:00	506.8	455.4	506.9	427.7		427.7	437.3	432.1
1:57:30	528.1	425.2	528.3	440.6		440.7	448.9	447.2
2:00:00	549.2	422.5	549.4	454.5		454.4	464.1	464.4
2:02:30	570.5	439.0	570.5	471.2		471.1	473.5	484.2
2:05:00	591.6	461.0	591.7	488.3		488.4	491.1	502.5
2:07:30	612.4	471.6	612.4	506.4	515.3	506.4	502.9	521.5
2:10:00	581.1	500.0	582.1	523.3	548.6	523.1	517.9	538.5
2:12:30	631.1	524.3	630.5	541.9	543.1	541.9	534.5	559.3
2:15:00	563.1	569.7	562.5	568.9	574.2	569.9	568.7	562.9
2:17:30	575.1	579.2	575.2	586.2	603.8	586.2	585.1	590.3
2:20:00	593.8	623.9	593.7	603.1	582.7	603.8	616.8	579.7
2:22:30	591.8	610.5	591.0	601.0	593.0	601.4	627.7	599.9
2:25:00	606.2	646.8	610.2	643.9	630.6	643.7	634.2	620.6
2:27:30	647.1	690.5	650.1	657.4	650.4	659.4	667.7	647.2
2:30:00	637.3	664.8	639.8	665.6	665.0	664.7	604.7	638.0
2:32:30	639.0	665.4	639.3	676.5	616.7	677.5	689.0	617.2
2:35:00	588.9	591.4	596.3	950.4	645.8	936.8	625.9	597.0
2:37:30	619.1	551.5	618.4	704.4	672.1	718.9	640.8	621.4
2:40:00	591.5	555.5	590.8	643.2	619.7	643.6	552.8	629.6
2:42:30	593.4	691.9	597.2	652.7	556.5	657.6	578.3	550.3
2:45:00	566.3	686.3	566.7	587.2	564.5	583.7	567.6	549.5
2:47:30	577.4	630.1	576.0	584.8	581.3	572.3	584.5	568.9
2:50:00	609.3	728.2	609.9	556.5	600.5	563.3	588.2	561.6
2:52:30	646.3	653.6	646.6	635.7	605.3	631.1	600.8	590.7
2:55:00	713.0	592.2	712.3	572.3	595.8	572.9	589.1	597.7
2:57:30	708.8	504.7	706.7	558.2	645.8	559.6	578.0	600.7
3:00:00	778.2	855.0	780.0	581.2	647.5	582.1	634.2	624.5
3:02:30	853.8	773.0	855.7	525.5	668.4	597.3	629.6	593.1
3:05:00	749.7	1015.3	747.9	661.5	690.4	661.3	680.4	541.8
3:07:30	673.3	824.8	671.7	736.1	694.4	740.0	684.9	632.8
3:10:00	663.2	845.0	667.1	699.1	726.6	699.4	705.5	660.9

FLORIDA POWER CORPORATION  
 RACEWAY FIRE BARRIERS  
 95NK17030/NC1973  
 Test Date: JULY 8, 1996

## TEMPERATURES, °F

TIME hr:min:sec	TC 9	TC 10	TC 11	TC 12	TC 13	TC 14	TC 15	TC 16
0:00:00	81.9	81.9	81.8	81.9	81.8	81.8	81.5	81.6
0:05:00	81.9	81.8	81.7	81.8	81.8	81.6	81.5	81.6
0:07:30	81.9	81.8	81.8	81.8	81.8	81.6	81.6	81.6
0:10:00	82.0	81.8	81.9	81.8	81.9	81.8	81.7	81.8
0:12:30	82.5	82.1	82.3	82.1	82.4	82.4	82.3	82.4
0:15:00	83.9	82.9	83.6	82.9	83.5	84.0	83.7	84.0
0:17:30	86.5	84.9	85.9	84.8	86.0	86.8	86.2	86.8
0:20:00	90.4	88.5	90.2	88.5	90.3	90.7	89.7	90.7
0:22:30	95.0	93.5	96.4	93.5	96.3	95.3	93.9	95.3
0:25:00	100.6	99.9	104.0	99.9	103.9	100.5	98.8	100.5
0:27:30	106.7	106.9	112.1	106.9	112.1	105.9	104.1	105.9
0:30:00	113.1	114.2	120.3	114.2	120.3	111.4	109.5	111.5
0:32:30	119.5	121.6	128.6	121.6	128.6	117.1	114.9	117.2
0:35:00	126.2	129.2	137.1	129.3	127.2	122.9	120.5	122.9
0:37:30	133.5	137.3	146.0	137.4	146.2	129.0	126.0	129.0
0:40:00	142.1	146.2	156.0	146.2	155.9	135.8	131.9	135.8
0:42:30	151.9	155.7	165.5	155.7	165.4	143.7	138.3	143.7
0:45:00	164.3	166.7	176.2	166.7	175.3	153.4	146.5	153.5
0:47:30	179.4	179.3	187.9	179.3	188.0	166.9	158.2	166.9
0:50:00	196.8	192.3	198.7	192.4	198.7	185.9	178.8	185.9
0:52:30	203.6	203.1	205.9	203.1	205.9	200.6	198.8	200.6
0:55:00	207.2	206.3	207.6	206.3	207.5	205.2	204.6	205.3
0:57:30	209.4	207.9	207.5	207.9	207.5	206.8	206.7	206.8
1:00:00	211.8	209.4	207.4	209.4	207.3	206.5	207.2	206.5
1:02:30	213.8	206.6	206.5	206.6	206.5	208.2	208.6	208.2
1:05:00	216.7	206.0	208.5	206.0	208.5	214.9	209.5	214.9
1:07:30	223.6	212.2	215.5	212.2	215.5	224.4	220.3	224.4
1:10:00	233.3	216.2	218.6	216.1	218.6	234.3	233.2	234.4
1:12:30	243.5	220.6	223.0	220.6	223.0	240.8	243.0	240.8
1:15:00	252.6	224.9	228.3	224.9	228.3	247.6	253.2	247.6
1:17:30	260.6	229.0	234.1	229.0	234.1	256.6	264.3	256.6
1:20:00	269.7	234.0	240.2	234.0	240.3	266.6	277.2	266.7
1:22:30	278.3	239.0	246.8	239.0	246.8	275.7	290.0	275.8
1:25:00	287.7	246.0	253.8	246.0	253.8	286.8	302.2	286.8
1:27:30	299.5	253.2	263.5	253.3	263.5	298.3	314.0	298.3
1:30:00	316.7	255.0	273.8	255.1	273.8	312.8	329.5	312.8
1:32:30	329.2	261.3	284.0	261.2	284.0	322.7	337.7	322.7
1:35:00	343.5	266.6	292.8	266.5	292.8	332.3	348.1	332.4
1:37:30	361.1	271.1	301.4	271.1	301.4	341.1	357.7	341.1
1:40:00	367.7	276.7	309.6	276.7	309.6	350.7	371.5	350.8
1:42:30	387.6	284.5	320.2	284.5	320.2	361.7	383.0	361.7
1:45:00	393.2	294.8	332.1	294.8	332.1	373.1	393.9	373.1

FLORIDA POWER CORPORATION  
 RACEWAY FIRE BARRIERS  
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## TEMPERATURES, °F

TIME hr:min:sec	TC 9	TC 10	TC 11	TC 12	TC 13	TC 14	TC 15	TC 16
1:47:30	395.3	308.4	347.5	308.4	347.6	383.0	403.4	383.1
1:50:00	400.0	319.8	357.3	319.8	357.3	392.9	414.9	392.9
1:52:30	418.4	332.0	368.4	332.0	368.5	403.7	427.5	403.7
1:55:00	425.6	341.7	383.4	341.7	383.4	414.5	442.0	414.6
1:57:30	441.0	352.7	396.9	352.7	396.9	425.5	457.2	425.5
2:00:00	458.7	364.2	412.5	364.2	412.5	435.9	474.5	435.9
2:02:30	473.4	372.9	427.2	372.9	427.0	447.3	488.2	447.3
2:05:00	486.2	381.7	445.1	381.7	445.1	460.1	504.6	460.1
2:07:30	499.8	392.6	461.0	392.6	461.0	479.9	522.9	479.9
2:10:00	511.5	403.5	477.3	403.5	477.4	498.9	540.6	498.9
2:12:30	529.8	415.2	495.8	415.3	495.8	518.7	559.4	518.7
2:15:00	550.5	437.6	515.7	437.6	517.9	540.7	555.7	540.7
2:17:30	568.8	454.4	531.2	457.2	531.9	557.1	577.1	557.2
2:20:00	557.0	557.5	584.5	554.9	586.2	588.4	585.8	587.6
2:22:30	585.5	582.0	577.6	584.6	577.4	611.7	614.7	611.5
2:25:00	635.3	614.9	578.0	614.9	583.8	634.6	668.7	634.9
2:27:30	625.0	587.8	621.1	589.0	626.5	671.7	651.8	673.7
2:30:00	658.0	623.0	638.1	622.5	636.2	682.0	673.5	682.6
2:32:30	659.2	626.8	607.7	634.1	609.7	716.2	658.1	716.6
2:35:00	649.9	596.5	607.8	599.2	611.0	712.0	642.9	713.1
2:37:30	682.9	645.5	639.6	643.8	637.9	530.5	648.0	528.9
2:40:00	552.1	619.8	658.2	622.2	656.7	546.4	626.5	548.4
2:42:30	552.5	628.5	606.5	623.5	609.9	569.7	613.4	569.2
2:45:00	559.5	594.5	626.7	593.9	627.0	576.0	569.5	576.0
2:47:30	565.5	607.1	678.1	606.6	680.3	573.1	584.9	573.6
2:50:00	576.3	645.5	635.2	643.8	634.1	584.3	582.1	587.1
2:52:30	588.7	655.7	737.2	657.3	734.9	588.0	614.1	588.1
2:55:00	623.5	697.2	769.4	694.3	769.0	630.4	696.3	630.6
2:57:30	626.4	700.2	807.0	699.5	804.9	624.0	728.6	621.6
3:00:00	627.0	699.3	777.0	702.1	776.2	604.4	715.6	604.6
3:02:30	634.8	683.3	812.5	689.4	813.0	593.6	700.6	592.4
3:05:00	671.3	683.8	702.1	683.3	701.9	593.2	654.7	591.1
3:07:30	687.8	658.2	735.5	655.8	734.2	698.4	662.7	699.4
3:10:00	720.5	665.5	770.9	667.4	772.4	721.9	677.4	722.4

FLORIDA POWER CORPORATION  
 RACEWAY FIRE BARRIERS  
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## TEMPERATURES, °F

TIME hr:min:sec	TC 17	TC 18	TC 19	TC 20	TC 21	TC 22	TC 23	TC 24
0:00:00	81.5	81.5	81.5	81.4	81.5	81.4	81.4	81.7
0:05:00	81.5	81.5	81.5	81.3	81.5	81.3	81.4	81.7
0:07:30	81.6	81.5	81.5	81.4	81.4	81.4	81.4	81.7
0:10:00	81.7	81.6	81.6	81.4	81.5	81.4	81.6	81.9
0:12:30	82.3	82.0	82.0	81.7	81.8	81.7	81.8	82.4
0:15:00	83.7	83.0	82.6	82.2	82.4	82.2	82.4	83.1
0:17:30	86.2	84.8	83.9	83.2	83.3	83.1	83.4	84.1
0:20:00	89.7	87.7	86.0	84.8	84.9	84.8	84.9	85.6
0:22:30	93.9	91.7	89.1	87.2	87.1	87.2	87.1	87.5
0:25:00	98.8	96.5	93.3	90.6	90.1	90.6	90.1	90.1
0:27:30	104.1	101.9	98.4	95.0	94.0	95.0	94.1	93.5
0:30:00	109.5	107.5	103.8	100.0	98.7	100.0	98.7	97.5
0:32:30	114.9	113.3	109.5	105.6	104.0	105.6	104.0	101.9
0:35:00	120.4	119.0	115.2	111.2	109.3	111.2	109.3	106.7
0:37:30	126.0	124.6	120.8	116.7	114.5	116.7	114.5	111.7
0:40:00	131.9	130.3	126.5	122.3	119.8	122.3	119.8	116.7
0:42:30	138.3	135.7	132.0	127.7	125.1	127.7	125.2	121.5
0:45:00	146.5	141.6	137.7	133.3	131.0	133.3	131.0	126.4
0:47:30	158.2	148.4	144.2	139.3	136.8	139.3	136.8	131.5
0:50:00	178.8	159.3	151.9	146.2	143.1	146.2	143.1	136.6
0:52:30	198.8	191.9	173.6	157.3	152.3	157.4	152.3	142.4
0:55:00	204.7	202.3	200.9	199.5	198.2	199.5	198.2	152.2
0:57:30	206.7	206.0	203.7	203.2	202.1	203.2	202.1	198.0
1:00:00	207.1	208.3	205.4	204.1	203.6	204.2	203.6	200.1
1:02:30	208.5	210.4	206.9	204.1	203.9	204.1	203.9	203.7
1:05:00	209.5	212.4	207.2	205.5	205.5	205.5	205.5	207.1
1:07:30	220.3	213.6	208.6	208.8	207.7	208.8	207.7	209.1
1:10:00	233.2	218.0	215.2	211.8	210.2	211.8	210.2	210.9
1:12:30	243.0	227.0	221.6	217.4	214.9	217.4	215.0	213.0
1:15:00	253.3	233.7	227.4	222.5	219.6	222.5	219.6	213.4
1:17:30	264.4	239.9	233.4	227.5	223.8	227.5	223.8	214.3
1:20:00	277.2	246.2	240.5	232.7	228.5	232.7	228.5	216.3
1:22:30	290.0	253.2	247.6	236.4	233.5	238.4	233.6	218.7
1:25:00	302.2	261.5	255.6	244.7	241.8	244.7	241.8	222.4
1:27:30	314.1	272.3	267.2	252.4	250.5	252.5	250.4	227.6
1:30:00	329.5	284.2	279.7	262.4	256.0	262.4	255.9	233.8
1:32:30	337.6	298.2	290.8	272.1	263.8	272.1	263.8	240.1
1:35:00	348.1	311.5	301.6	280.2	276.6	280.2	276.5	246.1
1:37:30	357.7	320.6	315.6	292.3	284.5	292.3	284.5	254.3
1:40:00	371.5	330.4	325.5	304.1	296.5	304.1	296.5	260.8
1:42:30	383.0	338.4	333.8	314.1	307.9	314.1	308.0	267.0
1:45:00	393.8	348.4	341.7	323.9	318.0	324.0	318.1	276.1

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TIME hr:min:sec	TC 17	TC 18	TC 19	TC 20	TC 21	TC 22	TC 23	TC 24
1:47:30	403.4	360.3	351.1	336.0	325.1	336.0	325.2	286.0
1:50:00	414.9	373.7	362.9	346.7	331.1	346.7	331.1	295.9
1:52:30	427.5	381.2	372.0	357.2	340.6	357.2	340.6	304.9
1:55:00	442.0	390.8	381.0	370.2	350.7	370.1	350.7	313.1
1:57:30	457.2	400.3	392.6	378.6	360.9	378.6	360.9	319.6
2:00:00	474.5	410.3	403.7	386.1	369.2	386.1	369.2	326.4
2:02:30	488.2	421.0	412.5	395.6	378.0	395.6	378.0	333.0
2:05:00	504.6	433.9	423.2	406.4	387.8	406.5	387.8	339.0
2:07:30	522.9	449.8	433.3	419.7	397.1	419.8	397.1	348.2
2:10:00	540.6	466.3	443.3	430.0	406.3	429.9	406.3	360.8
2:12:30	556.6	485.6	457.4	441.8	420.0	441.8	420.0	371.6
2:15:00	556.2	508.8	473.5	455.6	432.3	455.5	432.3	382.1
2:17:30	578.1	537.3	498.9	473.1	443.0	472.9	443.0	392.7
2:20:00	585.4	579.0	522.8	491.7	451.9	491.5	451.9	400.2
2:22:30	615.7	614.8	548.4	514.0	456.4	513.9	456.5	410.0
2:25:00	663.1	662.4	588.7	537.9	476.8	537.7	476.8	420.3
2:27:30	651.9	683.8	608.3	562.7	501.6	562.7	501.6	431.2
2:30:00	673.8	635.9	660.0	565.9	532.7	569.5	552.5	443.3
2:32:30	662.2	565.8	663.0	578.5	567.2	587.1	565.8	457.4
2:35:00	652.1	693.7	639.8	648.8	550.1	643.0	550.1	471.9
2:37:30	645.4	760.7	682.3	677.1	562.7	676.6	560.9	479.4
2:40:00	615.0	720.8	653.2	716.4	545.5	716.0	545.2	509.4
2:42:30	615.9	650.1	716.3	619.5	552.5	619.4	552.5	514.3
2:45:00	569.1	601.5	634.7	603.1	569.2	604.0	568.4	533.7
2:47:30	583.7	601.8	575.4	714.2	591.2	717.2	591.1	547.9
2:50:00	582.0	616.4	706.7	607.8	605.2	608.7	605.8	573.9
2:52:30	613.8	638.6	530.1	626.3	610.4	626.4	610.4	574.3
2:55:00	702.4	630.9	579.3	646.3	628.5	647.3	628.6	604.9
2:57:30	729.0	647.5	623.0	647.8	650.5	647.9	651.1	584.4
3:00:00	715.3	627.7	706.1	659.4	682.7	659.3	682.9	605.2
3:02:30	702.2	635.1	608.3	649.8	678.5	649.0	678.4	595.8
3:05:00	654.6	646.2	631.1	682.3	692.1	681.6	691.4	660.1
3:07:30	662.8	784.5	620.2	749.6	702.5	742.9	702.4	603.7
3:10:00	677.2	726.5	630.9	801.3	694.6	801.4	694.3	567.4

FLORIDA POWER CORPORATION  
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## TEMPERATURES, °F

TIME hr:min:sec	TC 25	TC 26	TC 27	TC 28	TC 29	TC 30	TC 31	TC 32
0:00:00	81.3	81.7	81.3	81.3	81.2	81.5	81.6	81.5
0:05:00	81.2	81.6	81.2	81.2	81.2	81.5	81.6	81.5
0:07:30	81.4	81.7	81.4	81.3	81.5	81.6	81.7	81.6
0:10:00	82.0	81.9	82.0	81.9	82.4	82.0	82.1	82.0
0:12:30	84.0	82.4	84.1	83.6	84.5	83.7	83.2	83.6
0:15:00	87.7	83.1	87.7	86.7	88.0	86.6	85.6	86.6
0:17:30	92.6	84.1	92.6	90.9	92.4	90.9	89.5	90.9
0:20:00	98.4	85.5	98.4	95.8	97.5	96.1	94.4	96.1
0:22:30	104.9	87.5	104.2	101.1	102.8	101.7	99.7	101.7
0:25:00	112.4	90.1	112.4	107.0	108.5	107.4	105.4	107.4
0:27:30	120.5	93.5	118.9	113.3	114.4	113.4	111.3	113.4
0:30:00	129.1	97.5	129.0	120.0	120.4	119.4	117.0	119.4
0:32:30	138.3	102.0	134.9	127.3	127.2	125.5	122.8	125.6
0:35:00	152.6	106.7	152.7	135.6	135.5	132.3	129.1	132.3
0:37:30	173.3	111.6	173.3	146.6	146.1	140.1	136.4	140.2
0:40:00	190.6	118.7	171.0	161.7	161.8	151.7	147.3	151.7
0:42:30	204.0	121.5	204.0	176.2	175.6	166.7	161.5	166.7
0:45:00	212.4	126.5	197.6	190.4	188.5	179.8	175.5	179.7
0:47:30	216.6	131.5	216.6	201.0	199.1	192.4	187.7	192.4
0:50:00	219.8	136.6	214.2	203.4	204.7	200.1	196.7	200.1
0:52:30	224.1	142.4	224.1	208.0	209.0	208.0	201.6	208.0
0:55:00	231.2	152.3	231.2	221.0	214.4	218.1	203.8	218.2
0:57:30	236.4	198.0	236.3	233.3	228.3	228.1	205.2	228.2
1:00:00	242.7	200.1	242.7	240.1	242.6	235.1	220.9	235.1
1:02:30	251.3	203.8	251.3	248.0	253.6	240.5	232.8	240.5
1:05:00	263.1	207.2	266.0	258.5	266.0	246.4	242.4	246.4
1:07:30	277.6	209.1	279.3	271.8	279.0	253.9	252.2	254.0
1:10:00	292.9	210.9	292.6	286.8	292.3	263.6	263.8	263.6
1:12:30	307.3	213.0	307.3	300.7	305.9	275.7	274.9	275.7
1:15:00	318.8	213.3	316.0	313.4	317.8	288.9	287.3	288.9
1:17:30	327.9	214.3	325.9	327.2	327.3	301.9	300.2	301.9
1:20:00	338.6	216.0	338.7	335.9	336.3	313.9	312.2	314.0
1:22:30	352.9	218.6	350.2	343.2	348.1	324.3	324.3	324.3
1:25:00	365.6	222.2	365.6	354.6	361.5	333.3	336.2	333.3
1:27:30	377.3	227.6	383.6	364.9	373.2	342.3	345.0	342.3
1:30:00	385.5	233.8	393.3	375.1	384.9	351.8	354.4	351.9
1:32:30	396.5	240.1	405.2	387.5	397.8	362.7	367.9	362.7
1:35:00	407.3	246.2	407.3	398.6	409.2	374.8	380.3	374.8
1:37:30	421.7	254.3	421.8	408.8	421.1	387.3	393.8	387.3
1:40:00	435.1	260.8	439.8	418.8	431.8	403.7	406.4	403.7
1:42:30	449.0	267.0	449.9	430.5	444.1	415.2	416.7	415.2
1:45:00	463.8	276.1	461.3	444.2	460.5	429.2	430.0	429.3

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## TEMPERATURES, °F

TIME hr:min:sec	TC 25	TC 26	TC 27	TC 28	TC 29	TC 30	TC 31	TC 32
1:47:30	480.6	286.0	430.7	460.8	497.5	438.1	442.0	438.1
1:50:00	497.0	295.9	497.0	476.3	509.8	449.8	453.7	449.8
1:52:30	514.5	304.9	501.5	492.2	531.9	461.9	471.3	461.9
1:55:00	530.1	313.2	516.3	511.8	533.6	477.4	489.2	477.4
1:57:30	554.1	319.7	532.9	525.1	545.4	495.2	501.1	495.2
2:00:00	572.8	326.4	551.3	548.0	559.6	544.6	519.3	544.7
2:02:30	591.0	333.1	574.2	568.9	573.1	561.0	540.2	560.9
2:05:00	615.9	339.0	597.3	592.1	588.5	585.6	564.7	585.6
2:07:30	651.2	348.2	651.3	615.5	607.5	606.0	620.4	606.0
2:10:00	630.3	361.0	638.8	541.2	629.8	629.6	645.8	629.7
2:12:30	621.9	371.7	634.1	656.1	652.0	656.5	635.9	656.6
2:15:00	605.0	382.2	607.3	632.8	661.1	684.3	656.2	686.6
2:17:30	587.5	392.8	588.9	667.7	627.4	732.3	613.6	728.0
2:20:00	598.6	400.3	636.9	641.7	620.9	667.0	619.4	711.7
2:22:30	622.3	410.1	622.4	650.1	614.9	622.1	616.2	619.3
2:25:00	640.7	420.4	606.6	616.4	658.9	655.0	657.1	653.8
2:27:30	681.9	431.2	655.5	679.6	606.6	681.8	669.1	681.9
2:30:00	628.9	443.3	630.1	670.8	615.8	701.0	660.0	695.6
2:32:30	700.8	457.4	702.2	690.1	627.7	641.8	645.7	638.3
2:35:00	674.0	471.9	674.0	724.4	650.9	622.0	667.5	623.9
2:37:30	712.4	475.4	698.7	696.7	688.0	721.9	714.2	722.4
2:40:00	686.0	510.8	783.1	711.7	659.2	684.8	654.9	684.9
2:42:30	698.3	514.9	697.3	710.8	655.6	676.1	626.0	675.0
2:45:00	705.5	533.7	876.0	737.3	702.6	699.1	668.3	697.0
2:47:30	794.0	543.3	799.0	822.0	698.4	840.3	686.7	845.3
2:50:00	796.3	572.2	698.4	713.1	773.7	685.1	579.0	696.3
2:52:30	721.1	576.3	722.9	748.2	732.8	833.2	603.7	840.4
2:55:00	597.2	607.4	588.3	885.1	798.7	1097.4	610.9	1097.0
2:57:30	669.8	585.0	669.7	914.9	1040.2	934.8	631.8	935.7
3:00:00	683.3	605.2	848.0	952.6	1145.8	902.3	647.2	899.2
3:02:30	670.7	590.6	672.3	1047.4	963.8	759.2	663.1	759.0
3:05:00	766.9	656.9	768.6	856.8	892.4	754.3	676.9	754.1
3:07:30	755.4	605.1	738.2	858.5	948.6	758.0	692.4	757.3
3:10:00	860.8	567.2	767.8	883.6	951.1	780.5	711.3	779.1

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## TEMPERATURES, °F

TIME hr:min:sec	TC 33	TC 34	TC 35	TC 36	TC 37	TC 38	TC 39	TC 40
0:00:00	81.5	81.5	81.5	81.5	81.3	81.2	81.2	81.2
0:05:00	81.5	81.4	81.5	81.4	81.3	81.1	81.2	81.2
0:07:30	81.6	81.5	81.6	81.5	81.5	81.2	81.3	81.3
0:10:00	82.0	81.5	81.7	81.5	82.0	81.6	81.5	81.5
0:12:30	83.1	81.8	82.4	81.8	83.4	82.9	82.2	82.2
0:15:00	85.6	82.8	84.0	82.8	86.3	86.2	84.0	83.7
0:17:30	89.4	84.6	86.8	84.6	90.3	90.5	86.8	86.5
0:20:00	94.3	87.9	90.7	87.9	95.2	95.8	90.7	90.3
0:22:30	99.7	92.4	95.3	92.5	100.5	101.3	95.4	94.8
0:25:00	105.3	98.2	101.0	98.3	106.2	106.8	100.5	99.9
0:27:30	111.1	104.7	107.4	104.7	112.3	112.4	105.9	105.3
0:30:00	117.0	111.7	114.6	111.7	118.5	117.8	111.4	110.8
0:32:30	122.8	118.9	123.2	119.0	124.8	123.2	116.8	116.3
0:35:00	129.1	126.8	132.6	126.8	131.5	129.0	122.3	121.7
0:37:30	136.4	135.3	142.7	135.4	138.9	135.1	128.0	127.5
0:40:00	147.2	145.1	154.1	145.1	147.4	142.1	134.3	133.6
0:42:30	161.6	156.0	166.5	156.0	157.0	149.8	140.9	140.0
0:45:00	175.5	168.1	178.6	168.0	168.2	159.3	148.9	147.3
0:47:30	187.8	181.8	191.9	181.9	180.8	174.4	160.4	156.5
0:50:00	196.8	195.5	202.5	195.5	196.1	193.1	186.0	173.6
0:52:30	201.7	205.4	207.6	205.4	206.4	205.9	201.2	200.9
0:55:00	203.9	207.8	208.8	207.8	211.1	211.6	206.6	205.3
0:57:30	205.2	207.9	209.3	208.0	215.3	218.0	209.0	207.9
1:00:00	220.9	206.3	209.6	206.3	220.3	223.3	212.3	213.7
1:02:30	232.8	202.8	210.9	202.8	225.7	231.6	221.9	220.4
1:05:00	242.5	198.8	215.9	198.8	231.2	238.4	231.2	229.7
1:07:30	252.1	213.3	221.7	213.3	237.3	243.9	240.3	237.6
1:10:00	263.8	220.8	226.9	220.8	245.0	251.0	248.5	245.5
1:12:30	274.9	226.7	234.8	226.8	253.6	260.0	258.6	255.0
1:15:00	287.4	233.3	239.7	233.5	263.9	270.6	271.2	266.6
1:17:30	300.2	239.9	245.6	239.9	274.8	282.5	283.0	279.1
1:20:00	312.2	247.0	253.6	247.0	286.1	294.4	295.2	294.2
1:22:30	324.2	253.7	258.9	253.7	296.9	305.7	306.7	307.1
1:25:00	336.2	260.0	266.7	260.0	308.1	316.0	317.5	322.2
1:27:30	345.1	266.1	275.1	266.1	319.0	324.4	328.0	332.8
1:30:00	354.5	271.8	284.0	271.8	329.3	332.2	338.4	339.0
1:32:30	367.9	277.4	294.7	277.4	341.0	340.1	349.8	346.5
1:35:00	380.3	283.9	304.7	283.9	352.8	350.0	360.8	355.9
1:37:30	393.8	291.7	314.2	291.8	364.9	361.1	372.3	367.6
1:40:00	406.4	301.0	326.1	301.0	377.4	371.7	384.2	377.0
1:42:30	416.7	312.2	334.1	312.2	390.3	382.5	394.8	389.0
1:45:00	430.0	323.8	345.3	323.8	403.0	393.5	406.1	397.9

FLORIDA POWER CORPORATION  
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TIME hr:min:sec	TC 33	TC 34	TC 35	TC 36	TC 37	TC 38	TC 39	TC 40
1:47:30	442.0	335.5	355.9	335.5	413.3	404.3	416.9	408.7
1:50:00	453.7	346.9	365.1	346.9	425.7	414.8	431.5	419.5
1:52:30	471.3	356.2	375.7	356.2	439.9	426.1	443.4	431.7
1:55:00	489.2	365.5	393.2	365.5	455.0	438.1	459.9	443.0
1:57:30	501.1	375.5	404.4	375.5	471.4	452.4	476.4	456.9
2:00:00	519.3	386.4	420.7	386.5	487.1	469.7	495.4	472.2
2:02:30	540.3	396.6	443.4	396.6	504.5	487.4	514.1	491.6
2:05:00	564.8	407.7	483.5	407.7	523.8	506.9	535.1	511.8
2:07:30	620.4	421.1	510.8	421.1	544.0	529.4	559.2	529.4
2:10:00	646.0	438.1	533.4	438.2	571.0	541.9	586.2	550.3
2:12:30	628.3	456.5	549.5	457.4	599.5	578.1	600.8	574.5
2:15:00	644.6	490.0	574.0	490.3	564.8	614.2	625.4	594.5
2:17:30	617.7	508.2	574.3	507.6	583.6	649.6	632.4	628.1
2:20:00	619.2	588.1	594.3	588.1	604.6	653.7	614.9	645.1
2:22:30	617.6	635.5	619.2	635.2	618.8	634.8	650.7	663.1
2:25:00	652.7	602.9	641.2	605.4	639.2	651.3	647.1	626.8
2:27:30	668.6	601.5	636.2	604.7	631.6	682.5	664.5	546.6
2:30:00	667.8	659.4	625.0	654.8	625.6	658.3	690.4	681.0
2:32:30	651.0	612.4	613.9	606.9	647.8	718.0	692.4	682.8
2:35:00	681.7	699.4	594.5	699.9	533.5	821.6	715.1	776.4
2:37:30	731.4	673.2	589.8	705.9	566.3	753.6	734.2	924.2
2:40:00	656.7	621.1	610.1	626.4	564.1	716.3	798.8	687.5
2:42:30	625.7	646.8	689.2	657.0	706.2	717.2	786.2	635.3
2:45:00	669.3	593.7	700.6	589.6	716.8	601.8	842.1	734.0
2:47:30	687.9	414.3	651.5	384.6	658.4	697.6	828.8	527.0
2:50:00	565.2	337.4	592.3	359.5	751.8	669.5	681.1	629.8
2:52:30	603.8	968.8	691.6	1002.4	879.9	854.1	671.2	720.5
2:55:00	611.1	-0.4	645.4	-14.5	737.6	927.7	892.7	661.0
2:57:30	631.9	229.8	741.8	225.5	809.6	1042.7	910.8	682.2
3:00:00	647.1	104.1	930.6	103.3	768.1	1074.6	977.4	807.7
3:02:30	663.1	352.0	738.4	353.7	877.4	1054.2	1085.3	822.8
3:05:00	676.9	520.1	670.5	539.9	894.4	994.4	795.5	743.9
3:07:30	692.4	736.2	738.1	738.7	888.4	743.3	731.2	767.4
3:10:00	711.3	826.3	752.5	834.6	953.5	782.9	838.7	787.1

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## TEMPERATURES, °F

TIME hr:min:sec	TC 41	TC 42	TC 43	TC 44	TC 45	TC 46	TC 47	TC 48
0:00:00	81.3	81.3	81.3	81.0	81.3	81.0	81.4	81.3
0:05:00	81.3	81.3	81.3	80.9	81.4	81.0	81.4	81.2
0:07:30	81.6	81.3	81.6	80.9	81.5	81.1	81.5	81.3
0:10:00	82.1	81.6	82.0	81.1	81.5	81.2	81.6	81.5
0:12:30	83.2	82.2	83.2	81.7	82.0	81.8	81.9	82.0
0:15:00	85.2	83.7	85.2	82.9	82.4	83.1	82.4	82.8
0:17:30	88.3	86.5	88.3	85.0	85.1	85.2	83.6	83.8
0:20:00	92.5	90.3	92.4	88.1	87.9	88.2	85.3	85.4
0:22:30	97.3	94.3	97.3	91.9	87.7	92.0	87.7	87.4
0:25:00	102.8	99.9	102.8	96.5	95.5	96.5	90.8	90.0
0:27:30	108.5	105.3	108.5	101.3	94.1	101.5	94.1	93.1
0:30:00	114.3	110.8	114.4	106.4	104.8	106.5	98.0	96.6
0:32:30	120.2	116.3	120.2	111.5	109.5	111.5	102.0	100.6
0:35:00	126.1	121.8	126.1	116.4	114.3	116.4	106.3	104.9
0:37:30	131.9	127.5	131.9	121.1	119.0	121.2	110.6	109.3
0:40:00	138.1	133.8	138.1	126.0	123.8	126.1	115.1	113.9
0:42:30	144.3	140.0	144.3	130.9	128.7	131.0	119.4	118.4
0:45:00	151.0	147.3	151.0	136.0	133.6	136.1	123.8	122.9
0:47:30	158.9	156.5	158.9	141.6	138.8	141.7	128.4	127.8
0:50:00	170.5	173.7	170.5	149.4	134.6	149.4	134.6	133.2
0:52:30	199.2	200.9	199.2	161.3	154.3	161.3	142.0	139.2
0:55:00	207.4	205.3	207.5	202.8	181.1	202.9	181.4	147.8
0:57:30	209.7	207.9	208.8	204.6	200.0	204.5	200.0	197.5
1:00:00	216.7	213.7	216.7	206.4	202.8	206.4	202.8	200.3
1:02:30	225.5	220.4	225.6	208.9	207.7	208.8	204.4	204.2
1:05:00	232.9	229.7	232.9	211.7	211.3	211.6	206.0	205.6
1:07:30	240.0	237.6	240.1	212.7	214.3	212.7	209.0	207.4
1:10:00	248.1	245.5	248.1	214.0	219.3	213.9	209.9	207.6
1:12:30	257.0	255.0	257.0	215.7	225.8	215.7	211.1	208.7
1:15:00	268.2	266.6	268.3	219.2	231.1	219.2	212.9	209.9
1:17:30	279.2	279.2	279.2	224.9	237.0	224.9	218.0	211.2
1:20:00	289.9	294.1	289.9	235.2	243.5	235.1	227.0	213.9
1:22:30	302.8	307.1	302.8	251.4	250.2	251.3	236.9	220.2
1:25:00	315.5	322.2	315.6	266.5	258.9	266.3	244.7	228.7
1:27:30	328.3	332.9	328.3	279.4	252.1	279.3	252.1	235.7
1:30:00	337.1	338.9	337.1	291.3	259.7	291.3	259.7	242.4
1:32:30	345.6	346.5	345.5	301.7	269.5	301.6	269.5	249.1
1:35:00	353.5	355.9	353.5	311.4	279.3	311.4	279.2	257.4
1:37:30	364.9	367.6	364.9	320.7	308.7	320.6	287.3	265.6
1:40:00	371.1	377.0	371.1	329.6	319.2	329.5	296.5	275.4
1:42:30	379.0	389.0	379.0	336.2	325.7	336.2	306.0	285.3
1:45:00	389.5	398.0	389.5	345.4	315.2	345.3	315.2	294.8

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TIME hr:min:sec	TC 41	TC 42	TC 43	TC 44	TC 45	TC 46	TC 47	TC 48
1:47:30	397.8	408.8	397.8	356.6	340.7	356.5	323.7	303.7
1:50:00	406.8	419.5	406.7	369.8	346.3	369.8	330.7	312.0
1:52:30	417.3	431.8	417.3	379.3	336.8	379.3	336.8	321.0
1:55:00	427.7	442.9	427.7	390.1	343.2	390.0	343.1	328.0
1:57:30	439.4	457.0	439.4	400.7	350.4	400.8	350.5	333.9
2:00:00	456.5	472.2	456.5	411.2	361.7	411.2	361.7	340.5
2:02:30	475.1	491.6	475.1	423.0	372.2	423.1	372.3	348.5
2:05:00	494.2	512.0	494.5	436.1	416.2	436.1	382.2	357.8
2:07:30	514.7	530.1	514.8	450.9	392.1	450.9	392.0	366.9
2:10:00	537.4	550.5	536.4	469.0	402.9	469.0	402.8	376.5
2:12:30	565.4	574.7	565.5	486.8	452.9	486.8	413.3	386.0
2:15:00	589.1	596.2	589.4	509.6	465.9	509.6	423.2	397.9
2:17:30	626.6	628.4	626.2	530.5	483.3	530.4	437.4	408.1
2:20:00	659.1	651.9	659.0	551.7	455.7	551.5	455.8	419.4
2:22:30	660.9	655.5	623.9	583.2	533.7	583.2	470.8	433.1
2:25:00	637.8	626.5	645.3	625.6	558.0	648.8	487.9	447.3
2:27:30	742.8	544.9	742.0	656.1	522.1	656.3	521.2	467.2
2:30:00	720.7	691.4	724.1	534.0	580.2	533.7	535.8	486.9
2:32:30	770.1	678.4	762.5	578.3	619.6	575.2	549.2	502.5
2:35:00	680.5	798.0	657.6	721.5	559.5	719.3	556.5	528.1
2:37:30	655.4	779.2	679.4	629.8	672.4	605.6	584.3	517.5
2:40:00	683.6	703.3	684.3	547.8	686.9	547.9	610.3	535.6
2:42:30	645.3	684.4	644.5	577.3	720.0	583.8	585.8	542.0
2:45:00	644.0	751.5	638.7	586.5	703.3	561.1	587.8	542.6
2:47:30	614.3	553.3	612.6	569.1	769.4	543.5	420.2	715.3
2:50:00	737.9	665.8	721.7	634.2	577.3	630.9	625.3	828.6
2:52:30	688.7	715.9	686.5	401.5	798.0	398.6	804.4	621.7
2:55:00	783.0	662.9	777.8	634.5	818.7	635.5	830.7	634.0
2:57:30	768.3	688.0	768.5	495.3	634.4	494.5	831.2	661.2
3:00:00	838.6	810.0	840.4	649.7	649.6	648.9	925.8	667.0
3:02:30	768.9	823.9	765.9	656.6	663.6	657.4	877.8	646.8
3:05:00	722.4	747.6	721.9	700.5	676.8	700.4	422.7	666.6
3:07:30	709.2	766.9	708.0	705.4	694.4	705.3	626.2	734.2
3:10:00	754.6	799.4	751.8	1065.0	712.6	1056.2	796.7	741.5

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## TEMPERATURES, °F

TIME hr:min:sec	TC 49	TC 50	TC 51	TC 52	TC 53	TC 54	TC 55	TC 56
0:00:00	81.2	81.5	81.3	81.5	81.4	81.5	81.4	81.5
0:05:00	81.2	81.4	81.3	81.4	81.3	81.5	81.4	81.5
0:07:30	81.3	81.5	81.4	81.5	81.4	81.6	81.5	81.5
0:10:00	81.7	81.6	81.5	81.6	81.6	81.8	81.6	81.8
0:12:30	82.8	82.3	82.2	82.3	82.2	82.5	82.1	82.5
0:15:00	85.1	84.0	83.5	84.0	83.5	84.1	83.4	84.1
0:17:30	89.4	87.4	85.9	87.5	86.0	86.7	85.5	86.7
0:20:00	96.0	93.9	91.7	93.9	91.8	90.3	88.8	90.3
0:22:30	103.6	103.2	100.1	103.2	100.1	95.2	92.9	95.2
0:25:00	112.4	112.7	108.6	112.7	108.6	100.4	98.2	100.4
0:27:30	120.7	120.4	115.9	120.4	115.8	106.7	104.0	106.7
0:30:00	128.5	127.3	121.8	127.3	121.9	112.8	110.0	112.8
0:32:30	135.9	134.0	128.2	134.0	128.2	119.0	116.2	119.0
0:35:00	145.5	141.7	135.5	141.7	135.5	125.9	123.0	125.9
0:37:30	158.3	151.2	143.9	151.3	143.9	135.6	133.5	135.6
0:40:00	170.5	162.2	153.4	162.3	153.5	147.5	147.9	147.5
0:42:30	180.8	172.8	163.8	172.9	163.8	158.2	160.0	158.2
0:45:00	189.5	182.8	174.5	182.8	174.5	169.5	172.3	169.5
0:47:30	197.5	193.0	186.0	193.1	186.0	183.1	185.5	183.1
0:50:00	211.8	201.8	196.6	201.9	196.6	195.4	195.9	195.4
0:52:30	211.7	205.3	201.0	205.5	201.1	200.8	199.5	200.8
0:55:00	218.1	209.2	202.6	209.2	202.7	203.9	201.0	203.9
0:57:30	227.4	214.2	207.9	214.2	208.0	206.6	202.7	206.6
1:00:00	233.0	223.4	217.7	223.4	217.8	213.0	206.8	213.1
1:02:30	241.9	228.0	226.4	228.0	226.5	223.8	217.2	223.9
1:05:00	248.6	236.4	235.3	236.4	235.4	235.4	229.5	235.4
1:07:30	256.9	245.5	244.8	245.5	244.9	244.9	240.2	244.9
1:10:00	267.2	253.8	252.6	253.8	252.8	256.0	250.3	256.0
1:12:30	277.8	260.9	260.5	260.9	260.6	271.5	262.7	271.5
1:15:00	287.8	272.4	275.7	272.5	275.8	286.0	276.8	286.1
1:17:30	301.3	281.4	284.0	281.4	284.1	296.6	287.7	296.6
1:20:00	313.7	288.5	293.6	288.6	293.7	307.9	300.1	307.9
1:22:30	331.0	305.2	296.4	305.3	296.5	319.2	311.3	319.2
1:25:00	333.7	307.4	305.6	307.4	305.7	329.2	321.0	329.2
1:27:30	341.4	322.1	314.5	322.1	314.6	339.6	329.9	339.6
1:30:00	351.0	328.8	321.7	328.8	321.8	346.4	338.2	346.5
1:32:30	362.0	339.0	331.0	339.0	331.1	355.1	346.9	355.1
1:35:00	372.4	345.8	342.2	345.9	342.3	363.9	355.2	363.9
1:37:30	379.9	356.5	353.2	356.5	353.2	373.4	366.0	373.4
1:40:00	393.7	371.1	363.9	371.2	364.0	381.0	374.6	381.0
1:42:30	405.6	384.2	374.3	384.2	374.4	388.4	382.9	388.4
1:45:00	420.2	396.9	385.3	396.9	385.4	398.5	392.4	398.5

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## TEMPERATURES, °F

TIME hr:min:sec	TC 49	TC 50	TC 51	TC 52	TC 53	TC 54	TC 55	TC 56
1:47:30	432.2	402.2	393.6	402.2	393.7	410.2	402.2	410.3
1:50:00	447.5	417.7	405.0	417.7	405.1	423.9	412.7	423.8
1:52:30	463.3	437.7	418.4	437.8	418.5	434.2	422.3	434.3
1:55:00	481.8	446.2	430.7	446.4	430.7	446.6	435.1	446.7
1:57:30	505.2	457.0	443.2	457.0	443.2	457.8	447.9	457.9
2:00:00	521.4	478.7	459.9	478.6	459.9	473.5	463.5	473.5
2:02:30	539.9	492.8	476.3	492.9	476.2	486.1	478.2	486.1
2:05:00	558.6	506.6	496.3	506.7	496.4	501.1	494.1	501.1
2:07:30	592.8	519.9	514.7	519.9	514.8	519.1	513.8	519.2
2:10:00	626.6	536.9	532.6	536.7	532.7	538.4	533.9	538.5
2:12:30	582.9	556.6	530.1	556.4	529.6	559.2	550.5	559.3
2:15:00	578.6	567.7	567.2	568.3	564.3	580.3	560.9	580.4
2:17:30	583.0	588.9	590.3	588.5	590.0	574.9	582.5	575.4
2:20:00	602.5	586.1	603.0	586.4	603.1	595.2	578.4	595.3
2:22:30	619.8	605.3	614.3	605.5	616.4	591.5	603.0	591.8
2:25:00	655.0	619.9	632.4	620.5	634.3	613.5	614.7	612.5
2:27:30	649.1	657.9	631.8	657.6	633.5	582.3	650.3	580.9
2:30:00	652.9	653.6	650.9	656.5	651.9	669.1	613.4	666.6
2:32:30	656.0	664.5	645.3	664.1	645.6	644.4	633.0	647.8
2:35:00	688.2	672.5	694.3	671.4	681.9	679.0	697.9	683.5
2:37:30	682.9	552.2	645.2	555.6	644.4	626.4	664.0	626.7
2:40:00	710.6	718.9	728.9	716.4	732.0	776.4	741.8	784.1
2:42:30	881.1	833.8	883.3	829.5	679.3	561.7	592.3	559.2
2:45:00	691.2	614.5	625.6	618.9	624.6	551.5	604.2	554.1
2:47:30	729.0	639.9	662.2	639.3	656.8	689.9	657.4	693.4
2:50:00	614.1	602.8	645.1	603.9	651.8	569.5	660.1	571.1
2:52:30	513.9	615.4	646.2	615.6	645.4	618.4	673.2	612.2
2:55:00	594.8	649.7	701.9	648.5	706.3	600.6	641.5	599.4
2:57:30	517.9	646.9	715.0	647.1	721.5	609.8	703.1	609.6
3:00:00	605.8	710.3	702.6	712.8	701.1	589.9	728.2	589.4
3:02:30	537.6	712.6	1002.5	715.6	989.9	794.8	535.2	796.0
3:05:00	713.0	744.9	783.3	746.3	784.9	485.7	682.3	491.8
3:07:30	735.5	784.0	825.7	782.7	822.9	438.2	714.8	407.6
3:10:00	698.2	720.9	703.0	721.5	699.3	606.3	711.4	604.0

FLORIDA POWER CORPORATION  
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## TEMPERATURES, °F

TIME hr:min:sec	TC 57	TC 58	TC 59	TC 60	TC 61	TC 62	TC 63	TC 64
0:00:00	81.4	81.6	81.6	81.8	81.6	81.8	81.6	81.6
0:05:00	81.4	81.6	81.5	81.7	81.6	81.7	81.6	81.6
0:07:30	81.5	81.7	81.6	82.1	81.7	82.0	81.7	81.6
0:10:00	81.6	81.8	82.4	82.3	82.0	82.4	82.0	81.8
0:12:30	82.2	82.7	83.6	83.6	82.9	83.6	82.8	82.3
0:15:00	83.4	83.6	84.9	85.4	84.8	85.4	84.8	83.6
0:17:30	85.9	86.0	87.7	88.2	87.7	88.3	87.7	85.8
0:20:00	89.3	89.4	91.7	92.4	91.8	92.4	91.7	89.1
0:22:30	93.4	93.5	96.5	97.5	96.5	97.4	96.6	93.4
0:25:00	98.7	98.7	102.9	103.4	102.1	103.4	102.1	98.3
0:27:30	105.2	105.4	110.0	109.9	108.1	109.9	108.1	103.6
0:30:00	111.2	112.1	117.4	116.6	114.3	116.6	114.3	109.1
0:32:30	117.6	119.1	125.3	123.7	120.8	123.8	120.8	114.6
0:35:00	124.5	126.6	133.4	131.3	127.6	131.3	127.6	120.1
0:37:30	132.4	134.7	142.2	139.4	135.4	139.4	135.5	125.6
0:40:00	142.8	145.1	152.4	149.2	145.0	149.1	145.0	131.4
0:42:30	155.9	157.0	162.9	160.3	154.8	160.5	154.8	137.4
0:45:00	171.1	170.9	174.5	171.8	167.1	171.7	167.2	144.4
0:47:30	184.4	185.3	187.1	184.3	182.1	184.1	182.1	153.9
0:50:00	195.6	196.0	197.5	196.4	194.7	196.1	194.7	175.2
0:52:30	199.8	200.2	202.6	202.0	201.3	202.2	201.3	200.5
0:55:00	201.6	201.5	203.8	206.1	203.6	206.0	203.6	203.0
0:57:30	203.3	202.6	202.6	207.6	204.6	207.6	204.6	203.5
1:00:00	206.2	205.3	202.9	210.4	207.3	210.4	207.3	204.7
1:02:30	213.0	209.9	208.4	214.2	214.1	214.4	214.1	207.8
1:05:00	221.4	218.2	215.5	219.0	221.7	219.0	221.7	216.2
1:07:30	233.5	225.0	221.8	223.0	227.3	223.0	227.3	224.7
1:10:00	246.1	234.8	229.7	228.4	233.1	228.4	233.2	233.7
1:12:30	258.4	246.9	238.0	235.0	239.8	235.0	239.8	243.6
1:15:00	271.2	253.6	247.0	241.3	247.0	241.3	247.0	254.0
1:17:30	279.4	267.9	256.2	248.4	254.5	248.5	254.5	263.9
1:20:00	294.9	279.3	266.0	257.0	263.3	257.0	263.3	275.7
1:22:30	307.5	290.4	276.5	265.8	272.2	265.8	272.3	291.3
1:25:00	318.2	299.2	282.2	274.3	283.7	274.3	283.7	304.3
1:27:30	327.6	307.7	291.3	287.4	294.8	287.4	294.8	315.2
1:30:00	334.7	316.7	301.1	293.0	304.0	293.0	304.0	321.4
1:32:30	341.5	323.0	308.6	307.5	314.4	307.6	314.4	329.6
1:35:00	349.8	328.6	318.9	313.5	324.7	313.5	324.8	335.9
1:37:30	360.0	338.7	322.6	318.7	331.6	318.7	331.6	344.8
1:40:00	367.4	345.0	331.8	325.6	342.3	325.6	342.2	353.3
1:42:30	376.7	354.4	340.0	333.6	352.3	333.7	352.3	361.4
1:45:00	387.2	363.7	350.4	344.8	361.9	344.8	361.9	370.7

FLORIDA POWER CORPORATION  
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## TEMPERATURES, °F

TIME hr:min:sec	TC 57	TC 58	TC 59	TC 60	TC 61	TC 62	TC 63	TC 64
1:47:30	398.1	374.4	381.5	380.9	371.4	380.9	371.4	380.8
1:50:00	412.2	384.6	374.1	387.3	381.9	387.3	382.0	391.3
1:52:30	423.9	396.5	388.3	375.2	391.1	375.3	391.1	403.1
1:55:00	432.0	405.6	402.9	383.3	401.5	383.3	401.5	414.2
1:57:30	441.9	418.7	410.6	394.5	413.8	394.4	413.8	426.6
2:00:00	458.7	430.4	423.9	407.9	425.8	408.0	425.8	439.6
2:02:30	472.0	444.5	439.3	419.4	436.4	419.4	436.4	453.6
2:05:00	490.0	456.2	454.0	432.0	449.8	432.0	449.8	488.0
2:07:30	505.6	473.7	470.2	445.4	465.6	445.5	465.7	484.2
2:10:00	529.0	480.4	483.8	461.9	482.8	461.9	482.9	501.5
2:12:30	550.6	491.8	499.3	481.8	500.8	481.8	500.9	519.4
2:15:00	567.5	517.2	520.4	497.8	521.6	497.9	521.6	542.1
2:17:30	586.1	557.1	540.6	503.5	543.1	503.3	543.1	565.0
2:20:00	588.3	569.6	559.3	557.4	567.4	557.8	568.8	591.9
2:22:30	598.8	587.8	577.7	580.1	587.5	579.8	587.6	620.6
2:25:00	622.4	606.4	598.3	614.9	615.9	614.2	616.2	611.9
2:27:30	648.8	646.5	603.1	645.9	647.7	646.9	647.8	608.7
2:30:00	646.7	665.3	547.7	666.1	593.8	660.1	595.6	652.2
2:32:30	551.5	684.6	578.5	651.5	659.8	654.5	660.2	609.5
2:35:00	640.2	644.1	632.1	598.1	596.1	602.2	597.4	695.0
2:37:30	657.2	622.1	674.4	659.8	602.8	658.7	602.3	678.3
2:40:00	595.5	653.1	657.1	695.9	623.1	695.5	616.8	672.9
2:42:30	611.4	711.1	687.9	601.7	591.9	601.7	594.0	629.7
2:45:00	633.6	723.7	592.4	616.5	591.4	616.4	591.6	580.4
2:47:30	665.5	697.8	561.3	607.8	657.1	609.1	658.5	642.3
2:50:00	658.4	636.5	591.8	593.3	667.6	592.9	668.3	583.4
2:52:30	643.5	632.7	594.7	663.1	612.3	663.2	611.9	608.2
2:55:00	599.1	689.8	620.0	639.2	627.5	638.6	627.9	636.6
2:57:30	739.1	650.7	658.9	607.6	657.8	607.4	659.5	657.0
3:00:00	750.7	776.6	946.9	646.9	655.5	647.7	654.2	656.5
3:02:30	683.7	688.7	552.6	664.0	738.8	663.4	739.5	662.1
3:05:00	677.2	833.9	558.8	684.1	888.8	685.7	888.4	644.4
3:07:30	697.9	758.4	494.4	752.0	863.8	757.3	908.6	639.2
3:10:00	799.5	833.6	710.6	795.6	856.5	795.0	833.0	703.6

FLORIDA POWER CORPORATION  
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## TEMPERATURES, °F

TIME hr:min:sec	TC 65	TC 66	TC 67	TC 68	TC 69	TC 70	TC 71	TC 72
0:00:00	81.4	81.6	81.4	81.6	81.6	81.6	81.6	81.6
0:05:00	81.4	81.6	81.4	81.6	81.6	81.5	81.6	81.6
0:07:30	81.5	81.6	81.5	81.7	81.6	81.6	81.6	81.6
0:10:00	81.6	81.8	81.6	81.7	81.7	81.6	81.6	81.6
0:12:30	82.4	82.4	81.9	82.0	82.0	81.8	81.9	81.9
0:15:00	82.6	83.6	82.6	82.6	82.4	82.4	82.3	82.3
0:17:30	84.1	85.8	84.0	83.9	83.5	83.2	83.0	83.2
0:20:00	86.7	89.1	86.6	85.8	85.3	84.8	84.3	84.8
0:22:30	90.0	93.4	90.0	88.6	87.8	87.1	86.2	87.1
0:25:00	98.1	98.3	94.2	92.3	91.2	90.0	88.7	90.0
0:27:30	99.1	103.6	99.1	96.9	95.4	93.5	91.9	93.5
0:30:00	104.1	109.1	104.1	101.7	100.1	97.7	95.8	97.7
0:32:30	109.7	114.5	109.7	107.1	104.8	102.2	100.0	102.2
0:35:00	119.8	120.1	115.1	111.8	109.6	106.8	104.4	106.8
0:37:30	125.3	125.6	120.4	116.9	114.4	111.4	108.8	111.4
0:40:00	130.9	131.4	125.8	123.2	119.1	116.1	113.5	116.1
0:42:30	131.3	137.4	131.3	128.4	124.6	120.9	118.1	120.9
0:45:00	137.1	144.4	137.1	133.7	130.3	125.9	123.0	125.9
0:47:30	144.7	153.9	144.7	140.5	136.4	131.2	127.8	131.2
0:50:00	152.9	175.3	152.9	149.4	144.2	138.3	134.0	138.3
0:52:30	188.9	200.6	189.1	162.7	158.1	147.4	141.3	147.4
0:55:00	202.6	203.0	202.6	202.7	202.2	200.9	184.1	200.9
0:57:30	203.4	203.5	203.3	203.7	202.9	202.5	202.5	202.5
1:00:00	203.8	204.7	203.7	204.0	203.1	202.6	202.8	202.7
1:02:30	205.1	207.8	205.1	204.6	203.5	203.2	203.0	203.2
1:05:00	207.9	216.3	207.9	206.3	204.1	204.6	203.3	204.6
1:07:30	212.2	224.8	212.2	209.5	206.5	206.8	204.1	206.8
1:10:00	220.9	233.7	220.9	216.6	212.7	211.5	206.6	211.4
1:12:30	241.2	243.7	230.6	224.4	222.4	220.0	211.5	220.0
1:15:00	238.2	254.0	238.1	231.5	230.8	228.6	218.7	228.6
1:17:30	246.3	263.9	246.3	240.3	238.7	235.8	226.4	235.8
1:20:00	255.2	275.7	255.2	248.5	246.2	242.9	232.3	243.0
1:22:30	263.2	291.3	263.2	256.9	253.4	251.3	239.8	251.3
1:25:00	274.2	304.3	274.3	262.4	260.3	261.3	247.6	261.3
1:27:30	284.7	315.2	284.6	268.9	264.7	268.8	255.0	268.9
1:30:00	293.7	321.5	293.7	284.9	268.0	276.2	261.9	276.1
1:32:30	303.9	329.7	304.0	293.3	279.3	282.8	268.2	282.8
1:35:00	312.2	335.9	312.2	305.3	287.3	290.7	276.3	290.6
1:37:30	323.2	344.8	323.2	312.7	301.6	299.4	283.5	299.4
1:40:00	347.7	353.3	330.8	322.0	316.1	310.1	293.0	310.1
1:42:30	340.3	361.5	340.3	325.0	320.2	319.5	302.5	319.5
1:45:00	350.5	370.7	350.4	332.9	330.1	328.5	311.7	328.5

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## TEMPERATURES, °F

TIME hr:min:sec	TC 65	TC 66	TC 67	TC 68	TC 69	TC 70	TC 71	TC 72
1:47:30	361.0	380.6	361.0	340.3	336.4	336.6	322.4	336.6
1:50:00	370.8	391.3	370.8	357.2	349.0	344.9	328.3	344.9
1:52:30	381.2	403.1	381.1	372.4	361.4	355.7	337.2	355.8
1:55:00	393.5	414.2	393.4	383.2	371.9	366.8	347.4	366.8
1:57:30	404.9	426.6	404.9	395.6	380.8	378.7	361.5	378.7
2:00:00	416.4	439.7	416.4	407.8	390.0	388.7	372.0	388.8
2:02:30	429.8	453.6	429.8	419.8	395.5	396.3	382.3	396.3
2:05:00	441.8	468.0	441.8	434.4	412.4	408.1	392.9	408.1
2:07:30	457.1	484.2	457.2	449.4	432.2	423.5	406.7	423.6
2:10:00	471.5	501.6	471.5	461.4	445.0	439.3	419.4	439.3
2:12:30	489.1	519.5	489.2	472.9	461.4	456.7	433.8	456.7
2:15:00	512.5	542.1	512.5	489.0	477.2	475.0	448.2	475.1
2:17:30	534.3	565.0	534.4	509.6	490.5	496.4	468.8	496.4
2:20:00	586.2	591.9	559.6	531.9	513.9	516.4	484.6	516.4
2:22:30	582.5	618.6	582.0	586.6	534.3	532.0	497.5	532.1
2:25:00	608.9	611.6	610.9	595.7	584.7	551.7	510.6	551.7
2:27:30	627.0	607.6	626.0	620.1	588.5	570.8	525.4	570.6
2:30:00	648.2	651.6	648.1	632.5	585.0	569.7	533.6	570.1
2:32:30	670.0	609.9	669.4	649.6	621.0	569.1	541.3	569.8
2:35:00	643.4	695.9	648.1	659.9	643.1	573.5	549.2	575.1
2:37:30	618.8	673.3	622.6	671.8	630.1	523.9	560.3	524.9
2:40:00	602.5	679.8	601.7	674.3	610.3	548.5	570.2	548.5
2:42:30	618.8	625.9	618.8	690.4	545.7	563.4	584.3	557.8
2:45:00	646.8	586.2	646.8	705.5	594.2	553.2	599.5	555.2
2:47:30	640.3	642.1	641.4	683.4	622.2	578.0	605.5	578.1
2:50:00	655.4	582.6	655.2	612.1	687.4	579.8	602.0	582.3
2:52:30	665.2	608.2	665.1	629.0	649.6	613.4	616.7	615.3
2:55:00	655.9	636.2	657.5	348.6	936.0	639.9	627.4	638.7
2:57:30	678.7	656.8	679.0	640.8	704.5	654.7	642.1	655.2
3:00:00	697.8	657.0	696.8	639.4	762.2	681.2	652.9	686.2
3:02:30	716.9	662.2	718.7	627.4	664.9	704.5	688.3	706.4
3:05:00	943.4	643.3	964.8	695.7	641.5	703.0	682.5	701.3
3:07:30	768.1	641.0	765.7	741.0	683.8	693.7	710.1	693.2
3:10:00	799.9	707.3	814.7	721.8	673.7	717.5	718.6	717.0

FLORIDA POWER CORPORATION  
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## TEMPERATURES, °F

TIME hr:min:sec	TC 73	TC 74	TC 75	TC 76	TC 77	TC 78	TC 79	TC 80
0:00:00	81.6	81.2	81.1	81.2	81.2	81.4	81.2	81.3
0:05:00	81.6	81.3	81.2	81.3	81.2	81.3	81.2	81.2
0:07:30	81.6	81.7	81.4	81.6	81.4	81.5	81.5	81.4
0:10:00	81.6	83.3	82.1	83.2	82.1	81.9	82.0	81.9
0:12:30	81.9	88.2	84.0	88.2	84.0	83.0	83.5	83.1
0:15:00	82.3	97.2	86.9	97.2	87.0	85.3	86.2	85.1
0:17:30	83.0	110.1	91.2	110.1	91.2	89.0	89.9	87.7
0:20:00	84.3	125.6	97.0	125.6	97.0	95.4	94.7	90.9
0:22:30	86.2	140.1	104.2	140.1	104.2	103.6	100.7	95.6
0:25:00	88.7	150.5	112.2	150.5	112.2	112.8	107.9	101.6
0:27:30	92.0	158.5	119.9	158.5	119.9	122.0	115.7	108.9
0:30:00	95.8	165.3	127.0	165.4	127.0	130.8	123.3	116.8
0:32:30	100.0	173.1	134.0	173.1	134.0	139.7	131.1	125.3
0:35:00	104.4	184.4	142.7	184.4	142.7	150.0	140.0	134.9
0:37:30	108.8	195.9	160.9	195.9	160.9	162.7	151.4	145.8
0:40:00	113.5	202.9	191.1	202.9	191.1	179.4	167.3	158.8
0:42:30	118.0	207.3	203.2	207.3	203.2	197.1	189.4	174.5
0:45:00	122.9	210.6	209.6	210.8	209.6	207.8	209.4	194.7
0:47:30	127.9	213.1	212.1	213.1	212.1	211.3	213.9	211.6
0:50:00	134.0	214.8	212.2	214.8	212.2	211.5	214.1	212.3
0:52:30	141.2	215.9	212.0	216.0	212.0	211.5	213.9	212.2
0:55:00	184.4	217.3	211.8	217.3	211.9	211.6	213.8	212.1
0:57:30	205.3	219.0	211.5	219.0	211.5	211.5	213.6	212.0
1:00:00	205.5	221.6	211.3	221.6	211.2	211.5	213.5	211.8
1:02:30	205.7	224.2	211.2	224.1	211.1	211.5	213.5	211.7
1:05:00	206.8	227.2	211.2	227.2	211.1	211.8	213.4	211.7
1:07:30	209.9	230.1	211.2	230.0	211.1	211.9	213.3	211.6
1:10:00	206.7	233.1	211.3	233.1	211.3	212.1	213.4	211.8
1:12:30	213.9	236.6	211.6	236.6	211.5	212.3	213.3	212.0
1:15:00	219.6	240.8	211.8	240.8	211.8	212.3	213.3	212.1
1:17:30	226.4	245.8	212.2	245.9	212.1	212.5	213.2	212.1
1:20:00	231.2	252.4	213.4	252.4	213.4	212.6	213.3	212.2
1:22:30	239.8	260.8	215.6	260.8	215.6	213.2	213.3	212.5
1:25:00	247.5	271.1	217.9	271.1	217.9	213.8	213.6	213.1
1:27:30	255.0	283.0	221.5	283.0	221.5	214.6	213.9	214.2
1:30:00	261.9	297.7	229.3	297.8	229.4	217.1	214.4	215.5
1:32:30	268.2	316.4	238.2	316.4	238.2	220.2	215.3	217.3
1:35:00	276.3	338.3	250.2	338.3	250.2	224.0	216.6	219.6
1:37:30	283.5	362.1	265.0	362.2	265.0	229.1	219.8	224.0
1:40:00	293.0	387.1	285.7	387.1	285.7	236.4	224.1	230.2
1:42:30	302.5	410.0	312.0	410.0	312.1	246.1	230.1	238.2
1:45:00	311.6	430.1	337.7	430.1	337.7	259.6	239.8	248.6

FLORIDA POWER CORPORATION  
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TIME hr:min:sec	TC 73	TC 74	TC 75	TC 76	TC 77	TC 78	TC 79	TC 80
1:47:30	322.4	456.5	361.1	456.5	361.1	276.6	261.8	262.3
1:50:00	328.3	490.1	379.3	490.2	379.4	291.1	267.3	279.1
1:52:30	337.2	523.9	395.5	524.0	395.5	321.8	291.8	299.5
1:55:00	347.4	559.5	418.7	559.5	418.8	353.5	326.9	323.8
1:57:30	361.5	597.2	446.3	597.2	446.3	384.3	360.5	349.9
2:00:00	371.9	636.2	472.8	636.2	472.8	410.6	391.2	375.2
2:02:30	511.7	668.9	497.7	669.0	497.8	428.1	411.9	402.1
2:05:00	392.9	708.7	522.9	708.7	523.0	448.5	424.4	422.9
2:07:30	406.7	749.7	552.4	749.7	552.5	476.8	451.4	441.4
2:10:00	419.5	790.5	584.0	790.6	584.0	509.8	486.9	467.3
2:12:30	616.0	832.1	624.3	832.2	624.4	542.0	518.1	500.1
2:15:00	596.4	873.6	665.3	873.7	665.5	582.7	553.5	537.0
2:17:30	468.8	798.5	719.8	798.2	719.9	627.5	594.9	575.7
2:20:00	484.6	875.4	730.9	878.5	730.9	676.4	642.4	618.9
2:22:30	497.4	631.1	770.2	627.4	772.0	566.8	572.6	669.0
2:25:00	571.8	614.0	615.5	615.3	615.7	599.1	622.0	656.8
2:27:30	525.5	684.1	683.9	686.8	679.0	658.5	649.3	679.5
2:30:00	533.6	743.3	744.7	740.2	744.8	718.2	714.9	747.3
2:32:30	541.3	767.5	814.4	765.9	814.5	733.4	671.8	704.2
2:35:00	549.3	664.1	885.0	681.2	884.8	785.5	804.5	768.8
2:37:30	719.9	717.0	927.2	717.8	919.7	628.8	855.5	861.8
2:40:00	734.3	741.7	909.1	738.9	915.7	633.2	684.6	665.7
2:42:30	670.5	665.3	976.5	670.5	979.6	687.4	634.4	758.2
2:45:00	599.6	718.1	647.5	716.3	645.0	790.5	606.7	701.2
2:47:30	606.1	727.2	825.2	731.5	818.8	854.1	598.3	706.5
2:50:00	689.8	724.2	762.8	725.6	763.1	704.3	697.6	780.8
2:52:30	616.7	780.2	839.6	777.7	829.0	844.3	714.9	755.4
2:55:00	703.1	795.2	844.3	797.1	843.8	840.5	769.5	954.2
2:57:30	683.7	909.6	918.4	905.4	906.0	900.7	913.3	778.4
3:00:00	728.9	1045.9	1030.9	1046.1	1030.8	740.6	998.7	737.8
3:02:30	668.3	1004.4	884.3	980.3	883.1	777.8	937.4	889.6
3:05:00	682.5	863.9	952.1	863.4	952.5	703.4	988.8	790.5
3:07:30	779.0	936.6	933.9	936.6	937.6	631.7	888.3	825.7
3:10:00	837.5	837.3	889.1	834.8	889.4	671.8	927.3	809.9

FLORIDA POWER CORPORATION  
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TIME hr:min:sec	TC 81	TC 82	TC 83	TC 84	TC 85	TC 86	TC 87	TC 88
0:00:00	81.2	81.3	81.2	81.0	80.8	81.0	80.8	81.0
0:05:00	81.2	81.3	81.2	81.0	80.8	81.1	80.8	81.0
0:07:30	81.3	81.4	81.3	81.2	81.1	81.2	81.1	81.2
0:10:00	81.8	81.9	81.7	81.4	81.6	81.4	81.6	81.4
0:12:30	82.8	83.1	82.8	82.4	82.1	82.4	82.9	82.2
0:15:00	84.7	85.1	84.7	84.4	85.1	84.4	85.1	83.9
0:17:30	87.2	87.7	87.2	87.4	87.9	87.4	88.0	86.3
0:20:00	90.2	90.9	90.5	91.3	91.1	91.3	91.1	89.1
0:22:30	93.8	95.6	93.9	95.8	94.3	95.8	94.3	92.3
0:25:00	98.7	101.7	98.7	101.1	97.7	101.1	97.7	95.8
0:27:30	105.0	108.9	105.0	107.1	101.7	107.1	101.7	99.5
0:30:00	112.2	116.8	112.2	113.6	108.1	113.6	106.2	103.3
0:32:30	120.0	125.3	120.1	120.5	111.2	120.5	111.2	107.3
0:35:00	129.0	134.9	129.0	128.4	117.1	128.5	117.1	111.6
0:37:30	139.3	145.6	139.3	138.9	124.8	139.0	124.8	116.7
0:40:00	151.5	158.8	151.6	162.6	135.7	162.7	135.7	124.1
0:42:30	169.7	174.6	169.7	198.9	151.4	198.9	151.4	136.3
0:45:00	202.7	194.7	202.8	208.8	189.5	208.8	189.5	165.2
0:47:30	212.3	211.6	212.3	211.8	209.9	211.8	209.9	208.4
0:50:00	212.9	212.2	213.0	212.4	211.8	212.4	211.6	211.7
0:52:30	213.0	212.1	213.0	212.3	211.6	212.3	211.6	212.2
0:55:00	212.9	212.0	213.0	212.4	211.5	212.4	211.6	212.2
0:57:30	212.8	211.8	212.8	212.5	211.3	212.5	211.4	212.1
1:00:00	212.6	211.7	212.6	212.5	211.2	212.5	211.3	211.9
1:02:30	212.5	211.5	212.5	212.5	211.2	212.5	211.2	211.9
1:05:00	212.4	211.5	212.4	212.5	211.3	212.5	211.3	211.8
1:07:30	212.3	211.5	212.3	212.5	211.5	212.5	211.5	211.9
1:10:00	212.3	211.7	212.3	212.7	211.9	212.7	211.9	212.0
1:12:30	212.4	211.8	212.4	212.9	212.3	212.8	212.3	212.2
1:15:00	212.5	212.0	212.5	212.9	212.6	213.0	212.6	212.6
1:17:30	212.5	212.1	212.6	213.0	212.6	213.0	212.7	212.7
1:20:00	212.5	212.2	212.5	213.1	212.8	213.1	212.8	212.9
1:22:30	212.6	212.5	212.8	213.2	213.0	213.3	212.9	213.1
1:25:00	212.7	213.0	212.7	213.4	213.3	213.4	213.2	213.4
1:27:30	212.9	214.1	213.1	213.5	213.4	213.5	213.3	213.6
1:30:00	213.3	215.5	213.3	213.7	214.0	213.7	213.8	213.8
1:32:30	214.2	217.2	214.3	214.2	214.9	214.2	214.8	214.4
1:35:00	215.5	219.6	215.4	215.2	216.5	215.2	216.5	215.6
1:37:30	217.1	224.0	217.2	216.7	219.3	216.8	219.3	217.6
1:40:00	220.9	230.2	220.9	219.6	223.6	219.6	223.6	220.3
1:42:30	227.5	238.2	227.5	223.8	230.2	223.8	230.2	224.9
1:45:00	234.5	248.6	236.3	229.7	241.2	229.7	241.2	231.5

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## TEMPERATURES, °F

TIME hr:min:sec	TC 81	TC 82	TC 83	TC 84	TC 85	TC 86	TC 87	TC 88
1:47:30	243.9	262.3	243.9	238.4	255.8	238.4	255.9	240.6
1:50:00	257.4	279.2	257.4	251.7	280.8	251.8	280.8	253.2
1:52:30	278.6	299.5	285.5	272.6	313.1	272.6	313.2	268.1
1:55:00	308.8	323.9	312.2	302.7	344.6	302.7	344.6	286.5
1:57:30	337.1	350.0	337.1	333.7	370.7	333.8	370.7	313.7
2:00:00	364.8	375.3	364.8	367.7	385.2	367.7	385.2	343.2
2:02:30	392.3	402.2	392.4	397.7	401.8	397.7	401.9	371.6
2:05:00	414.5	423.0	417.8	414.1	425.2	414.1	425.2	397.5
2:07:30	430.4	441.4	435.1	427.3	456.5	427.3	456.5	415.9
2:10:00	457.9	467.4	458.0	457.4	486.4	457.4	486.4	432.6
2:12:30	490.8	500.1	490.8	495.8	516.4	495.8	516.5	458.4
2:15:00	525.1	537.1	525.2	528.7	552.4	528.7	552.4	492.1
2:17:30	563.1	575.8	563.1	563.2	585.5	563.2	585.5	526.1
2:20:00	605.2	619.0	605.3	609.3	624.5	609.4	624.6	610.1
2:22:30	581.3	669.1	589.5	580.5	668.7	581.0	668.8	606.6
2:25:00	660.6	649.5	661.0	610.5	715.4	611.3	715.4	676.5
2:27:30	718.3	676.7	710.3	662.9	703.0	663.5	703.1	742.4
2:30:00	758.8	746.9	758.3	703.3	647.8	705.0	647.7	808.3
2:32:30	763.8	702.7	758.7	700.1	646.6	700.6	665.8	862.2
2:35:00	855.7	768.8	853.9	818.8	661.4	813.7	662.4	601.5
2:37:30	710.4	859.6	710.6	868.0	718.3	867.6	718.0	667.2
2:40:00	755.8	667.0	754.8	821.9	735.0	816.2	721.1	641.5
2:42:30	773.3	753.7	781.7	832.1	750.1	834.7	743.7	651.8
2:45:00	800.9	700.4	801.5	700.6	744.3	700.5	742.8	608.6
2:47:30	669.4	705.2	676.1	761.8	833.1	762.4	831.6	661.4
2:50:00	664.2	771.9	664.6	742.3	809.8	745.1	818.2	605.0
2:52:30	758.2	754.4	735.7	734.9	650.9	736.5	650.6	656.3
2:55:00	785.8	951.9	780.9	832.6	906.1	832.8	908.0	747.4
2:57:30	725.8	786.4	727.3	631.6	722.7	632.1	722.1	637.5
3:00:00	912.1	744.3	924.3	780.8	836.7	780.7	836.6	645.0
3:02:30	772.6	897.2	805.5	836.2	1083.9	844.1	1083.5	804.2
3:05:00	833.4	790.3	836.5	923.3	951.9	927.3	951.7	839.3
3:07:30	883.7	826.1	884.0	922.4	814.3	924.6	814.2	680.4
3:10:00	887.1	810.7	885.4	1023.4	879.8	1027.6	879.8	881.3

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## TEMPERATURES, °F

TIME hr:min:sec	TC 89	TC 90	TC 91	TC 92	TC 93	TC 94	TC 95	TC 96
0:00:00	81.0	80.9	80.8	80.9	80.8	81.1	80.9	81.2
0:05:00	80.9	80.8	80.8	80.8	80.9	81.1	80.9	81.1
0:07:30	81.1	81.0	81.1	80.9	81.0	81.2	81.1	81.2
0:10:00	81.5	81.2	81.5	81.1	81.2	81.4	81.6	81.3
0:12:30	82.5	81.8	82.4	81.8	81.7	81.8	83.2	81.8
0:15:00	85.7	83.3	83.9	83.2	82.5	82.7	86.7	82.7
0:17:30	89.4	85.5	86.0	85.5	86.0	84.1	92.2	84.0
0:20:00	93.0	88.2	88.4	88.2	88.4	86.0	100.0	85.9
0:22:30	96.5	91.1	91.0	91.0	88.5	88.2	109.2	88.2
0:25:00	100.1	94.0	93.8	94.0	91.3	90.5	118.6	90.5
0:27:30	103.9	97.1	96.6	97.0	94.5	93.2	126.7	93.2
0:30:00	107.8	100.1	99.5	100.1	97.6	95.9	133.5	95.9
0:32:30	112.1	103.3	102.4	103.2	100.9	98.5	140.0	98.5
0:35:00	117.0	106.5	105.3	106.5	104.4	101.1	146.8	101.0
0:37:30	123.1	110.0	108.5	109.9	108.2	103.6	154.7	103.6
0:40:00	132.1	114.2	112.1	114.2	112.1	106.4	179.6	106.4
0:42:30	147.8	120.0	117.1	119.9	117.4	109.6	208.5	109.6
0:45:00	175.2	130.0	125.6	130.0	123.5	113.8	211.1	113.8
0:47:30	209.8	177.8	181.6	177.9	136.3	120.0	212.1	119.9
0:50:00	212.3	211.8	208.1	211.9	200.5	186.3	212.3	186.3
0:52:30	212.4	212.3	214.1	212.4	214.1	208.5	212.2	208.5
0:55:00	212.5	212.5	215.0	212.6	215.0	214.2	212.1	214.2
0:57:30	212.5	212.3	213.8	212.3	213.1	214.5	212.0	214.8
1:00:00	212.5	212.1	213.2	212.2	212.7	214.2	212.0	214.2
1:02:30	212.5	212.1	212.9	212.1	212.4	213.6	212.4	213.6
1:05:00	212.5	212.2	212.7	212.2	212.2	213.3	213.0	213.4
1:07:30	212.5	212.1	212.5	212.1	212.0	213.1	213.9	213.2
1:10:00	212.5	212.0	212.5	212.1	212.1	213.2	215.7	213.2
1:12:30	212.5	211.7	212.5	211.8	212.3	213.2	217.4	213.3
1:15:00	212.6	211.9	212.7	211.9	212.8	213.3	216.9	213.3
1:17:30	212.6	211.9	212.7	211.9	212.8	213.3	220.8	213.3
1:20:00	212.8	211.9	212.8	211.9	213.0	213.3	223.5	213.3
1:22:30	212.9	212.1	212.8	212.2	213.0	213.4	227.3	213.3
1:25:00	213.0	212.6	213.0	212.7	213.2	213.5	232.5	213.5
1:27:30	213.1	212.9	213.0	212.9	213.2	213.4	239.1	213.5
1:30:00	213.1	213.0	213.0	213.0	213.2	213.4	247.3	213.4
1:32:30	213.2	213.1	213.2	213.1	213.2	213.4	256.9	213.4
1:35:00	213.5	213.2	213.5	213.3	213.2	213.5	270.5	213.5
1:37:30	214.0	213.6	214.0	213.6	213.4	213.6	286.7	213.6
1:40:00	214.9	214.4	214.9	214.3	213.6	213.8	305.0	213.6
1:42:30	216.6	215.6	216.9	215.5	213.9	213.7	334.6	213.7
1:45:00	220.1	217.7	220.5	217.5	214.5	213.8	365.8	213.8

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## TEMPERATURES, °F

TIME hr:min:sec	TC 89	TC 90	TC 91	TC 92	TC 93	TC 94	TC 95	TC 96
1:47:30	228.5	221.0	226.6	220.9	215.4	214.2	399.8	214.2
1:50:00	235.5	225.8	236.5	225.5	217.0	214.9	434.6	214.9
1:52:30	250.5	231.8	252.0	231.6	219.7	216.2	463.0	216.4
1:55:00	274.9	240.1	274.9	240.1	223.7	218.5	494.3	218.5
1:57:30	308.9	252.4	304.2	252.3	229.2	222.5	527.8	222.5
2:00:00	343.4	269.6	333.6	269.6	236.5	228.8	581.3	228.6
2:02:30	373.9	286.2	358.6	286.2	246.1	237.3	633.3	237.5
2:05:00	398.1	312.1	369.8	312.1	257.7	247.5	685.5	247.6
2:07:30	406.2	347.2	383.1	347.2	270.6	256.1	738.1	256.2
2:10:00	423.2	385.9	405.4	386.0	285.3	270.1	786.3	270.1
2:12:30	455.7	422.5	432.6	422.6	301.8	284.6	746.5	284.6
2:15:00	489.8	434.1	461.7	434.2	320.1	301.1	572.9	301.1
2:17:30	516.1	456.5	487.7	456.5	339.2	320.4	692.6	320.4
2:20:00	544.4	496.2	515.1	496.2	366.2	344.4	715.2	344.5
2:22:30	599.1	535.6	547.7	535.6	397.8	372.0	649.9	372.0
2:25:00	646.0	573.9	585.4	573.9	427.3	400.3	636.1	400.3
2:27:30	691.9	615.5	623.1	615.6	443.4	418.8	712.0	418.8
2:30:00	738.8	699.0	650.7	700.2	466.5	428.9	768.4	428.9
2:32:30	655.1	707.2	610.4	714.9	505.7	456.2	724.3	456.2
2:35:00	707.4	700.6	703.7	700.6	553.0	501.0	870.1	501.1
2:37:30	716.3	735.1	749.9	736.4	632.5	550.0	746.5	550.2
2:40:00	639.2	752.8	781.9	753.9	612.8	582.8	779.7	583.8
2:42:30	640.9	766.4	736.3	766.2	620.0	618.0	819.3	618.2
2:45:00	706.5	793.9	758.1	797.5	627.9	650.3	728.8	656.4
2:47:30	676.7	904.0	930.4	943.1	682.5	680.5	720.2	680.3
2:50:00	685.0	770.8	850.2	760.5	700.7	742.9	786.8	742.7
2:52:30	668.1	741.8	865.9	740.6	755.1	712.6	793.9	713.5
2:55:00	797.1	785.9	870.4	781.9	573.8	753.7	846.2	756.9
2:57:30	728.1	751.7	689.3	758.0	710.7	719.0	927.9	718.4
3:00:00	839.6	814.0	828.2	814.2	849.3	736.0	902.9	735.0
3:02:30	817.7	793.2	847.1	796.0	1061.8	812.5	729.9	814.9
3:05:00	839.9	837.7	864.4	837.5	956.6	782.1	839.3	782.0
3:07:30	828.3	773.4	867.0	773.0	865.6	788.4	861.5	785.9
3:10:00	841.5	878.3	933.5	870.9	866.0	744.1	778.3	744.0

FLORIDA POWER CORPORATION  
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## TEMPERATURES, °F

TIME hr:min:sec	TC 97	TC 98	TC 99	TC 100	TC 101	TC 102	TC 103	TC 104
0:00:00	80.9	81.1	84.4	81.6	81.4	81.5	81.4	81.6
0:05:00	80.9	81.1	84.5	81.5	81.4	81.5	81.4	81.6
0:07:30	81.1	81.5	85.0	81.8	81.6	81.7	81.6	81.8
0:10:00	81.6	83.1	87.7	82.4	82.2	82.3	82.3	82.4
0:12:30	83.3	88.5	92.9	84.5	83.8	83.9	84.0	83.8
0:15:00	86.7	97.6	99.5	88.6	86.8	86.7	87.1	86.2
0:17:30	92.2	107.9	107.7	93.9	90.7	90.2	90.8	89.4
0:20:00	100.0	119.1	118.1	100.2	96.5	94.6	95.7	92.1
0:22:30	109.3	131.1	129.3	107.7	103.6	99.6	101.5	96.5
0:25:00	118.6	142.4	138.1	115.5	111.9	105.7	108.3	101.8
0:27:30	126.7	152.4	145.7	122.9	120.4	112.1	115.8	108.0
0:30:00	133.5	161.3	154.8	129.4	128.8	118.3	123.2	114.5
0:32:30	140.0	169.8	166.8	135.8	137.3	124.5	130.6	121.2
0:35:00	146.8	180.3	186.9	142.9	146.5	131.6	138.6	128.3
0:37:30	154.7	194.7	197.9	152.0	157.6	140.6	148.3	137.8
0:40:00	179.7	207.3	206.5	185.2	179.4	166.5	159.9	151.6
0:42:30	206.5	211.0	213.2	209.1	193.0	205.1	179.4	172.6
0:45:00	211.1	212.7	214.7	213.1	200.5	211.8	201.3	195.5
0:47:30	212.1	213.6	214.7	214.3	206.6	213.5	207.9	203.4
0:50:00	212.3	214.2	216.1	214.3	210.3	213.7	211.5	207.7
0:52:30	212.2	214.8	216.8	214.1	212.7	213.6	213.8	209.0
0:55:00	212.1	215.5	217.5	214.0	214.6	213.7	215.7	209.2
0:57:30	211.9	216.4	218.3	213.9	217.5	213.6	218.5	210.9
1:00:00	212.1	217.6	219.4	213.9	221.5	213.5	222.5	214.0
1:02:30	212.4	218.8	220.5	213.9	225.9	213.5	226.9	218.0
1:05:00	213.0	220.3	221.8	213.7	230.1	213.5	231.0	222.4
1:07:30	213.9	221.9	223.5	213.6	234.0	213.4	234.9	226.9
1:10:00	215.7	224.2	226.2	214.1	238.5	213.5	239.3	231.6
1:12:30	217.4	227.0	228.7	215.3	243.3	213.5	243.9	236.2
1:15:00	218.9	230.4	233.4	216.0	249.0	213.5	249.5	240.9
1:17:30	220.8	234.5	238.3	216.9	256.2	213.4	256.6	244.7
1:20:00	223.5	239.5	244.6	218.7	264.3	213.4	264.4	249.1
1:22:30	227.3	245.6	251.4	221.6	272.2	213.9	271.5	253.1
1:25:00	232.5	253.7	261.9	225.7	279.1	215.2	277.1	257.6
1:27:30	239.2	263.2	273.9	231.0	286.4	216.9	282.1	262.3
1:30:00	247.3	274.9	284.9	234.4	297.8	219.7	288.0	267.5
1:32:30	256.9	291.1	297.1	241.8	306.9	225.5	295.5	273.0
1:35:00	270.5	314.4	314.9	253.3	324.6	231.8	303.0	279.5
1:37:30	286.7	343.1	329.5	271.7	345.9	246.6	311.1	288.4
1:40:00	305.1	373.3	357.3	304.7	366.4	270.6	319.1	300.3
1:42:30	334.6	410.4	386.5	344.0	386.8	299.8	329.9	316.0
1:45:00	365.8	435.4	417.6	386.8	406.6	329.8	344.1	335.8

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## TEMPERATURES, °F

TIME hr:min:sec	TC 97	TC 98	TC 99	TC 100	TC 101	TC 102	TC 103	TC 104
1:47:30	399.8	456.7	443.8	418.3	429.7	356.9	366.7	361.4
1:50:00	434.6	500.1	462.6	434.4	444.6	383.4	395.6	388.4
1:52:30	463.0	573.8	554.4	470.9	462.6	409.5	426.8	406.0
1:55:00	494.4	606.6	576.5	535.5	486.3	428.8	457.3	418.3
1:57:30	527.8	645.0	628.0	586.6	512.0	450.0	473.9	438.7
2:00:00	581.3	692.0	687.0	620.3	537.1	478.7	494.0	464.7
2:02:30	633.9	730.6	679.6	653.3	590.2	506.7	525.8	489.4
2:05:00	685.7	764.7	731.8	677.5	615.5	538.5	553.9	517.9
2:07:30	738.2	804.0	771.9	701.1	642.2	573.5	581.7	545.9
2:10:00	786.4	844.2	786.9	730.5	649.6	612.7	596.4	574.6
2:12:30	746.2	882.5	775.7	643.7	683.8	653.7	629.7	603.5
2:15:00	580.2	661.3	618.4	629.5	665.4	637.2	623.7	637.7
2:17:30	689.2	644.1	784.0	656.0	614.5	612.4	648.9	662.8
2:20:00	715.1	583.4	624.1	739.6	584.2	607.2	559.1	634.1
2:22:30	649.5	618.7	678.7	628.0	598.8	642.5	588.2	614.1
2:25:00	635.6	670.7	692.9	667.4	632.3	595.2	614.5	646.6
2:27:30	712.2	707.2	728.9	707.0	645.5	679.5	645.4	676.4
2:30:00	760.5	721.8	811.8	679.2	687.6	684.2	664.5	717.2
2:32:30	723.8	798.9	784.8	758.8	661.4	766.9	685.8	734.1
2:35:00	874.1	879.1	652.3	850.2	680.2	782.9	685.0	827.8
2:37:30	751.7	848.2	751.9	761.2	665.9	669.4	704.3	721.1
2:40:00	779.0	718.6	817.9	761.5	684.5	713.3	721.0	692.8
2:42:30	820.9	711.6	846.6	607.8	691.5	720.3	716.4	642.0
2:45:00	732.3	660.5	682.0	646.8	709.9	727.7	716.8	633.0
2:47:30	719.3	695.3	741.8	688.9	734.7	781.5	740.9	643.7
2:50:00	790.6	820.1	910.7	817.7	770.0	825.2	686.5	599.3
2:52:30	790.5	775.9	868.5	794.4	788.3	920.4	736.7	748.1
2:55:00	865.5	840.2	906.6	863.9	838.4	923.8	794.7	733.3
2:57:30	925.1	1004.4	941.9	929.2	859.9	1036.5	839.8	725.5
3:00:00	898.2	1032.8	1077.2	1093.5	954.5	1029.1	942.0	802.0
3:02:30	730.3	760.8	899.2	966.9	907.2	1074.4	844.8	679.4
3:05:00	837.7	804.3	865.4	785.2	929.4	955.2	784.1	750.0
3:07:30	861.5	902.8	919.6	724.3	881.8	994.6	756.3	779.8
3:10:00	777.4	854.0	769.8	780.9	790.7	950.1	772.1	767.0

FLORIDA POWER CORPORATION  
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## TEMPERATURES, °F

TIME hr:min:sec	TC 105	TC 106	TC 107	TC 108	TC 109	TC 110	TC 111	TC 112
0:00:00	81.4	81.6	81.3	81.5	81.5	81.6	81.6	81.5
0:05:00	81.4	81.6	81.3	81.5	81.6	81.6	81.6	81.5
0:07:30	81.6	81.6	81.4	81.5	81.6	81.6	81.6	81.5
0:10:00	82.5	82.0	81.9	81.8	82.0	81.8	82.0	81.7
0:12:30	84.4	83.1	83.3	82.7	83.4	82.5	82.9	82.3
0:15:00	87.1	85.1	85.7	84.5	88.1	84.0	84.7	83.6
0:17:30	90.4	88.2	88.2	87.5	96.5	86.5	87.5	86.1
0:20:00	94.1	91.4	93.8	91.6	106.2	90.0	91.3	89.5
0:22:30	98.6	96.7	99.5	96.3	113.5	94.3	96.1	93.8
0:25:00	104.4	102.9	105.9	101.8	119.5	99.4	101.6	98.7
0:27:30	111.7	109.9	112.8	107.9	124.6	104.9	107.3	103.9
0:30:00	119.7	117.2	120.0	114.5	129.4	110.6	113.3	109.2
0:32:30	128.1	124.6	128.5	121.7	134.0	116.5	119.5	114.6
0:35:00	138.0	134.0	142.1	132.3	138.8	122.7	126.6	120.2
0:37:30	149.2	149.4	159.6	147.4	144.6	129.7	134.7	126.2
0:40:00	158.2	165.1	165.9	160.5	153.2	138.8	145.1	133.4
0:42:30	178.7	181.6	198.2	174.5	167.3	153.5	159.0	142.3
0:45:00	193.3	193.9	193.9	188.8	186.2	181.6	186.7	159.6
0:47:30	205.5	201.7	205.8	199.2	196.5	195.8	200.9	194.7
0:50:00	211.0	206.3	211.2	205.4	205.5	203.2	206.4	203.7
0:52:30	210.6	207.6	210.9	207.3	208.4	208.3	209.6	208.7
0:55:00	211.7	207.8	212.1	208.3	210.1	209.8	210.3	210.1
0:57:30	212.4	209.7	212.8	209.7	211.1	210.6	210.3	211.0
1:00:00	213.4	212.8	213.7	210.9	212.1	211.1	210.2	211.6
1:02:30	215.7	216.9	211.8	211.7	213.2	209.6	209.6	210.1
1:05:00	218.6	221.2	219.0	214.1	214.6	209.7	211.1	210.1
1:07:30	211.4	225.8	205.3	219.5	218.2	212.9	214.3	213.2
1:10:00	208.6	230.7	205.1	225.0	223.0	214.9	216.0	215.0
1:12:30	208.6	235.5	205.3	230.3	228.1	217.2	218.2	217.2
1:15:00	208.9	240.2	206.2	235.1	232.7	219.4	220.8	219.2
1:17:30	210.4	244.1	208.5	239.8	236.6	221.5	223.7	221.4
1:20:00	209.2	248.5	212.5	244.7	241.5	223.9	226.7	224.0
1:22:30	210.2	252.6	206.3	249.3	245.7	226.5	229.9	226.6
1:25:00	209.5	256.9	207.3	254.0	250.4	230.0	233.4	230.0
1:27:30	210.6	261.4	207.7	259.3	256.2	233.7	238.4	233.5
1:30:00	209.7	266.2	208.1	264.2	265.1	234.8	243.8	234.6
1:32:30	212.5	271.2	211.2	269.6	271.9	238.4	249.5	237.9
1:35:00	217.3	276.5	216.9	276.4	279.4	241.7	255.3	240.8
1:37:30	228.3	283.4	229.1	285.7	289.8	245.8	261.4	244.4
1:40:00	247.8	291.5	255.1	298.1	295.9	251.3	266.6	249.1
1:42:30	273.1	301.1	274.9	314.9	308.9	258.8	277.9	255.3
1:45:00	302.4	314.0	311.9	333.1	318.5	268.5	289.0	263.2

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TIME hr:min:sec	TC 105	TC 106	TC 107	TC 108	TC 109	TC 110	TC 111	TC 112
1:47:30	329.7	331.2	342.8	353.3	334.4	280.9	303.2	273.6
1:50:00	350.6	353.0	352.8	374.1	358.2	295.0	317.2	284.9
1:52:30	377.5	376.5	381.6	391.0	385.4	312.6	335.2	298.2
1:55:00	408.5	401.0	425.8	407.1	406.0	329.6	359.1	311.3
1:57:30	438.5	418.4	467.0	429.4	419.1	351.8	385.4	323.2
2:00:00	472.0	437.0	499.6	453.5	435.5	376.8	406.5	342.7
2:02:30	510.2	457.3	574.0	477.8	456.6	393.2	418.2	369.7
2:05:00	644.6	482.0	970.6	501.9	478.1	402.1	437.7	394.0
2:07:30	536.2	508.7	562.9	528.9	497.4	420.4	463.6	410.2
2:10:00	571.8	537.2	597.0	555.4	516.1	449.5	490.2	419.2
2:12:30	593.7	567.8	663.4	582.3	541.7	476.5	516.3	437.7
2:15:00	620.5	604.1	566.7	603.5	574.1	509.7	548.5	472.0
2:17:30	632.4	600.6	655.0	626.0	596.7	541.4	581.3	504.0
2:20:00	611.7	605.9	625.4	646.3	594.6	614.4	627.4	576.0
2:22:30	605.9	615.6	604.6	679.5	622.8	611.8	628.7	619.5
2:25:00	641.1	647.5	642.3	689.5	605.4	686.8	659.2	669.6
2:27:30	663.6	681.9	685.2	706.3	648.3	674.6	706.6	685.7
2:30:00	690.3	665.7	649.3	714.3	656.0	702.8	745.3	702.5
2:32:30	648.0	730.8	675.1	660.8	622.8	636.1	622.8	647.0
2:35:00	690.4	839.5	665.2	681.8	678.4	629.5	666.2	683.7
2:37:30	694.9	716.3	657.4	593.5	653.6	605.0	612.5	695.7
2:40:00	669.4	657.6	629.7	619.9	581.3	630.6	642.5	643.2
2:42:30	622.9	670.7	613.5	603.1	599.0	644.4	693.2	652.6
2:45:00	660.2	651.5	638.6	633.7	593.4	664.4	650.5	659.0
2:47:30	650.3	654.8	668.7	660.3	607.2	674.5	682.6	748.6
2:50:00	687.0	648.6	707.7	725.9	660.7	719.9	707.2	809.4
2:52:30	689.9	758.6	745.1	741.2	690.5	798.9	714.8	657.7
2:55:00	732.1	759.0	765.2	800.5	746.1	803.2	788.8	711.7
2:57:30	825.6	719.0	783.9	823.3	666.2	766.2	883.2	744.0
3:00:00	841.1	782.9	848.8	803.8	761.2	850.2	730.0	739.3
3:02:30	868.5	802.4	703.9	683.0	682.8	742.6	725.5	653.0
3:05:00	816.9	752.8	739.2	664.9	706.7	770.0	719.1	686.5
3:07:30	834.4	812.1	743.6	695.3	729.8	797.6	743.6	670.4
3:10:00	864.8	775.2	767.8	711.2	764.3	757.1	736.2	711.7

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## TEMPERATURES, °F

TIME hr:min:sec	TC 113	TC 114	TC 115	TC 116	TC 117	TC 118	TC 119	TC 120
0:00:00	81.5	81.4	81.4	81.4	81.4	81.5	81.4	81.7
0:05:00	81.5	81.3	81.4	81.4	81.4	81.4	81.6	81.7
0:07:30	81.5	81.4	81.4	81.4	81.4	81.4	81.6	81.6
0:10:00	81.7	81.6	81.6	81.6	81.6	81.6	81.7	81.7
0:12:30	82.3	82.3	82.4	82.1	82.0	81.8	82.0	81.9
0:15:00	83.9	83.7	83.7	83.2	82.9	82.4	82.5	82.3
0:17:30	87.0	86.2	85.9	85.3	84.6	83.8	83.6	83.0
0:20:00	91.2	89.4	89.0	88.2	87.1	85.8	85.1	84.1
0:22:30	96.3	93.2	92.5	91.7	90.1	88.6	87.5	85.9
0:25:00	102.1	97.3	96.5	95.6	93.9	92.1	90.7	88.2
0:27:30	108.1	101.7	100.6	99.7	97.9	96.2	94.3	91.3
0:30:00	114.5	106.0	104.7	104.0	102.1	100.6	98.4	94.8
0:32:30	121.1	110.5	108.9	106.3	106.4	105.1	102.7	98.8
0:35:00	128.4	115.2	113.2	112.7	110.7	109.6	107.1	102.8
0:37:30	136.7	120.2	117.6	117.2	115.1	114.1	111.4	107.0
0:40:00	147.0	125.9	122.5	122.0	119.5	118.5	115.7	111.1
0:42:30	160.3	133.2	128.6	127.8	124.6	123.0	120.1	115.3
0:45:00	176.7	144.3	137.2	134.8	130.7	127.8	124.5	119.7
0:47:30	201.0	179.2	172.8	171.1	144.0	133.7	130.0	124.7
0:50:00	206.8	200.2	198.2	195.3	192.2	180.0	177.8	159.5
0:52:30	209.9	207.3	208.3	207.3	206.2	202.0	195.0	177.8
0:55:00	210.6	209.4	210.4	209.7	209.4	207.5	207.3	201.3
0:57:30	210.6	210.1	211.2	210.1	210.2	209.6	208.6	208.5
1:00:00	210.4	210.0	211.2	209.9	210.1	210.8	209.3	208.4
1:02:30	210.0	210.7	211.8	210.7	210.8	211.6	210.0	208.3
1:05:00	211.1	214.3	212.1	214.3	211.2	212.7	210.1	209.3
1:07:30	214.3	218.8	217.8	218.7	217.0	213.4	210.8	210.8
1:10:00	215.8	223.6	223.8	223.4	223.0	215.8	214.3	212.4
1:12:30	218.0	226.5	228.4	226.5	227.6	220.3	217.5	215.3
1:15:00	220.6	230.1	233.3	230.0	232.6	223.5	220.2	217.7
1:17:30	223.5	234.4	238.6	234.4	237.8	226.5	223.0	219.9
1:20:00	226.5	239.5	244.9	239.3	243.9	229.7	226.5	222.5
1:22:30	229.7	243.9	250.9	243.7	250.0	233.1	230.0	225.3
1:25:00	233.2	249.1	256.6	249.0	255.7	236.9	234.1	228.5
1:27:30	238.0	254.6	262.3	254.4	261.5	242.0	239.9	232.3
1:30:00	243.0	261.7	269.1	261.5	268.4	248.1	246.3	237.3
1:32:30	248.1	266.4	273.4	266.1	272.8	255.7	251.5	242.2
1:35:00	252.8	271.2	278.2	270.7	277.8	261.7	257.0	246.2
1:37:30	257.2	275.7	283.3	274.8	282.6	266.2	264.6	252.1
1:40:00	262.4	281.4	289.4	279.7	288.5	271.2	268.7	257.9
1:42:30	269.3	288.2	296.8	285.4	295.3	275.2	272.6	262.9
1:45:00	277.4	296.4	302.6	291.8	300.2	280.1	276.6	268.3

FLORIDA POWER CORPORATION  
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## TEMPERATURES, °F

TIME hr:min:sec	TC 113	TC 114	TC 115	TC 116	TC 117	TC 118	TC 119	TC 120
1:47:30	288.4	303.5	308.8	296.9	304.7	286.5	281.5	274.0
1:50:00	298.5	312.2	317.3	303.0	310.8	293.4	287.1	279.2
1:52:30	310.9	322.3	327.5	310.1	317.6	297.4	292.5	284.7
1:55:00	325.7	333.7	341.4	317.8	325.7	302.9	297.7	291.0
1:57:30	342.0	345.4	356.8	326.2	334.6	308.7	304.7	295.3
2:00:00	358.0	359.2	374.7	335.3	345.1	315.4	311.8	299.6
2:02:30	378.0	376.9	390.3	345.8	355.3	323.1	318.7	304.7
2:05:00	403.7	396.9	409.3	358.3	367.3	332.8	326.9	310.7
2:07:30	428.3	424.4	432.7	374.8	380.7	344.6	335.3	318.3
2:10:00	451.1	452.0	458.4	393.3	395.4	357.9	344.4	324.0
2:12:30	467.5	472.4	480.5	415.3	411.9	372.8	356.3	331.9
2:15:00	490.9	491.6	495.7	438.1	429.6	390.9	370.5	340.9
2:17:30	517.7	516.1	495.3	462.3	425.0	412.9	390.2	352.0
2:20:00	561.9	553.2	518.2	495.1	439.9	440.0	407.5	364.5
2:22:30	611.7	586.5	568.3	522.9	476.4	462.4	428.9	379.4
2:25:00	634.4	618.3	590.2	537.7	496.0	500.5	459.8	397.3
2:27:30	665.4	668.1	653.1	570.0	525.5	517.1	489.1	414.6
2:30:00	663.5	692.1	623.8	599.2	539.2	477.3	519.9	425.9
2:32:30	664.8	689.6	646.3	615.8	551.2	433.8	526.7	414.3
2:35:00	704.4	729.4	666.4	645.8	560.2	590.1	527.2	477.9
2:37:30	628.5	588.0	707.3	574.1	583.0	571.9	548.1	508.2
2:40:00	781.6	591.8	710.9	589.1	598.9	644.6	554.3	504.4
2:42:30	621.3	649.2	618.5	585.1	597.1	563.5	533.3	483.4
2:45:00	705.2	637.9	645.8	589.4	587.7	578.8	541.3	476.6
2:47:30	645.4	659.7	627.4	590.3	613.9	596.5	563.4	529.8
2:50:00	658.2	684.6	667.4	658.4	677.1	648.1	600.4	499.1
2:52:30	738.1	843.8	683.1	657.9	688.1	672.1	557.3	516.1
2:55:00	812.0	807.8	773.3	725.5	774.8	674.1	646.0	548.9
2:57:30	749.2	625.8	708.3	800.5	687.1	778.2	691.1	586.9
3:00:00	713.8	664.9	716.6	665.5	701.3	682.9	681.3	705.5
3:02:30	767.2	651.5	696.7	685.0	696.3	735.5	679.0	725.3
3:05:00	711.9	694.3	766.3	666.9	645.3	721.1	681.1	737.1
3:07:30	706.1	756.2	862.7	669.0	630.3	786.6	730.4	802.0
3:10:00	709.3	767.4	720.8	721.7	693.8	776.4	734.7	827.2

FLORIDA POWER CORPORATION  
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TIME hr:min:sec	TC 121	TC 122	TC 123	TC 124	TC 125	TC 126	TC 127	TC 128
0:00:00	81.2	81.0	80.9	81.2	81.2	81.4	81.2	80.8
0:05:00	81.2	81.1	81.0	81.2	81.2	81.3	81.2	80.9
0:07:30	81.2	81.2	81.2	81.2	81.2	81.4	81.3	81.0
0:10:00	81.5	81.8	81.7	81.6	81.9	81.6	81.8	81.5
0:12:30	82.6	83.6	83.1	82.6	83.4	82.2	83.2	82.7
0:15:00	85.1	86.8	85.1	84.4	86.4	83.2	85.8	84.8
0:17:30	89.3	92.7	87.8	86.1	90.5	85.5	89.4	87.5
0:20:00	96.4	103.1	93.7	89.6	96.5	88.6	94.7	91.9
0:22:30	103.8	113.1	101.3	95.2	104.5	93.4	100.6	96.0
0:25:00	111.2	120.8	108.6	101.3	112.6	98.8	108.7	104.9
0:27:30	117.4	126.9	114.6	107.5	121.1	104.6	116.8	112.8
0:30:00	123.9	132.8	120.7	114.0	129.6	111.0	125.7	121.1
0:32:30	130.1	137.7	126.2	120.2	138.4	117.7	134.8	129.6
0:35:00	136.9	144.2	133.8	127.1	150.7	124.9	142.7	139.3
0:37:30	144.6	151.0	141.7	135.0	166.5	133.2	154.0	150.8
0:40:00	152.9	156.8	149.9	143.9	181.9	142.7	169.9	166.0
0:42:30	161.6	164.4	158.8	154.2	196.8	153.3	186.0	182.1
0:45:00	168.5	170.4	167.6	164.1	208.3	164.0	200.7	197.0
0:47:30	172.4	174.3	172.9	169.4	213.3	169.9	209.7	205.6
0:50:00	175.6	177.9	176.3	172.1	215.1	172.6	212.1	206.8
0:52:30	180.5	184.8	181.4	175.3	217.2	175.6	217.4	209.2
0:55:00	204.1	206.3	205.3	181.5	220.5	181.7	217.8	216.0
0:57:30	206.0	209.2	207.7	204.0	223.0	203.8	224.0	221.6
1:00:00	206.6	212.2	209.5	205.0	226.0	204.7	228.4	224.8
1:02:30	207.4	215.1	211.8	207.3	230.2	206.6	232.9	228.6
1:05:00	210.3	217.4	214.3	210.1	236.0	208.2	238.6	233.9
1:07:30	213.2	219.0	215.8	211.6	243.3	209.2	245.1	240.5
1:10:00	215.4	222.2	217.2	212.6	250.7	210.1	251.5	248.0
1:12:30	219.1	227.2	220.5	214.0	257.7	211.2	257.6	254.6
1:15:00	222.9	231.9	224.2	214.8	263.2	211.2	262.7	261.2
1:17:30	226.9	235.9	227.9	216.1	267.6	211.8	267.6	267.7
1:20:00	231.9	241.6	232.3	218.3	273.1	213.3	272.6	271.8
1:22:30	237.0	247.5	236.5	219.9	280.1	214.2	280.1	275.1
1:25:00	244.4	254.9	243.4	223.7	286.2	216.4	289.0	280.3
1:27:30	252.2	262.9	250.1	227.9	291.8	219.0	295.9	285.3
1:30:00	259.8	272.5	256.3	233.9	298.1	222.5	301.5	290.7
1:32:30	268.6	283.5	264.9	241.2	311.8	226.2	306.8	296.7
1:35:00	282.1	294.5	277.9	249.5	322.6	232.0	313.5	301.9
1:37:30	292.9	307.1	288.3	259.7	335.5	241.3	321.3	306.9
1:40:00	307.4	321.3	300.5	270.0	348.9	249.1	330.1	312.4
1:42:30	321.4	335.5	313.4	280.5	361.3	257.8	339.3	324.2
1:45:00	336.4	351.4	327.8	292.9	375.7	268.4	350.7	340.5

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TIME hr:min:sec	TC 121	TC 122	TC 123	TC 124	TC 125	TC 126	TC 127	TC 128
1:47:30	349.9	370.8	341.8	306.5	392.9	280.1	363.3	356.1
1:50:00	365.8	389.2	355.9	321.3	409.4	292.5	378.2	370.9
1:52:30	385.3	405.5	373.5	335.5	427.9	304.9	393.0	386.6
1:55:00	404.9	425.8	392.7	349.2	445.4	317.8	408.5	404.8
1:57:30	424.3	444.6	408.3	362.9	468.8	329.8	427.1	420.3
2:00:00	444.8	464.5	426.9	378.7	488.9	343.1	444.4	440.5
2:02:30	467.3	487.0	448.1	394.3	511.3	357.9	467.1	463.1
2:05:00	487.5	512.0	471.4	414.2	533.4	370.4	491.2	486.2
2:07:30	507.8	541.1	495.5	431.4	564.4	391.9	515.0	510.7
2:10:00	529.9	563.6	518.3	457.2	569.1	409.8	536.7	489.1
2:12:30	565.3	580.2	547.0	486.9	566.6	429.5	553.6	529.8
2:15:00	604.9	566.5	542.0	511.2	600.6	453.2	592.4	561.7
2:17:30	504.5	581.4	544.8	522.7	614.7	480.1	570.6	618.5
2:20:00	576.8	561.7	573.9	535.5	622.2	505.6	601.7	617.6
2:22:30	536.3	568.0	562.6	530.8	633.7	508.2	612.7	624.7
2:25:00	559.5	612.6	555.0	531.3	621.9	536.4	622.8	645.9
2:27:30	590.0	617.3	583.0	531.7	673.8	554.6	661.6	682.2
2:30:00	618.6	645.3	612.0	578.7	673.3	566.8	683.0	709.0
2:32:30	652.8	647.5	634.9	583.7	729.9	592.1	703.9	712.4
2:35:00	637.5	716.2	675.5	576.7	741.3	614.7	744.8	705.7
2:37:30	696.8	795.5	663.0	631.3	775.7	577.5	786.2	723.1
2:40:00	734.6	797.0	679.1	702.2	798.9	564.8	771.0	759.1
2:42:30	665.4	676.9	619.8	705.6	821.0	571.9	845.6	785.4
2:45:00	751.0	678.5	665.1	735.9	838.2	663.4	962.3	849.2
2:47:30	643.6	721.4	700.9	679.0	1061.3	697.0	751.2	867.9
2:50:00	638.9	645.6	720.8	602.2	745.7	650.5	762.6	759.9
2:52:30	653.4	645.0	696.1	618.2	782.6	624.7	827.0	754.7
2:55:00	686.0	768.2	674.7	741.7	682.0	663.1	722.8	801.6
2:57:30	642.9	628.9	716.6	668.6	804.0	746.1	561.8	774.7
3:00:00	652.3	683.7	697.0	659.9	716.8	735.6	804.2	814.9
3:02:30	726.9	703.0	660.7	700.1	803.3	696.6	799.8	1012.5
3:05:00	776.4	771.2	760.6	723.4	837.7	700.3	848.9	905.5
3:07:30	790.4	831.5	728.7	734.8	833.9	711.3	829.8	861.7
3:10:00	798.7	778.4	759.5	720.8	900.0	689.1	824.2	875.3

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TIME hr:min:sec	TC 129	TC 130	TC 131	TC 132	TC 133	TC 134	TC 135	TC 136
0:00:00	80.9	81.4	81.4	81.0	81.3	81.0	81.1	80.9
0:05:00	81.0	81.5	81.5	81.1	81.3	81.0	81.1	80.9
0:07:30	81.1	81.5	81.5	81.2	81.4	81.0	81.1	80.9
0:10:00	81.7	81.9	81.8	81.6	81.7	81.2	81.3	81.1
0:12:30	83.2	83.1	82.8	82.7	82.5	81.6	81.9	81.5
0:15:00	85.5	85.4	84.9	84.8	84.5	82.5	83.2	82.4
0:17:30	88.2	89.0	88.2	88.0	87.9	84.1	85.2	84.1
0:20:00	92.3	94.1	94.0	92.7	92.4	87.1	88.4	87.1
0:22:30	98.2	101.1	101.6	99.0	97.7	91.7	92.8	91.7
0:25:00	105.3	108.3	109.3	106.0	103.6	97.1	98.1	97.1
0:27:30	112.4	115.6	116.6	113.3	109.9	103.1	103.9	103.1
0:30:00	120.1	123.0	123.9	120.7	116.6	109.8	110.4	109.4
0:32:30	128.1	130.3	131.2	128.0	123.2	116.6	117.5	115.9
0:35:00	138.0	138.6	139.4	136.3	129.8	124.3	125.5	122.7
0:37:30	149.6	148.4	149.0	146.1	137.8	132.2	133.9	130.3
0:40:00	165.6	163.4	163.2	160.5	150.3	142.1	143.7	139.0
0:42:30	181.9	180.0	179.5	178.4	170.4	159.1	156.5	150.2
0:45:00	196.8	192.7	192.4	193.4	190.1	186.7	191.7	183.0
0:47:30	204.8	201.8	200.5	201.7	200.7	196.5	201.9	197.1
0:50:00	207.7	205.6	204.6	205.6	204.8	203.4	206.9	203.7
0:52:30	209.9	209.5	207.0	209.5	207.3	208.0	209.1	208.2
0:55:00	212.5	214.7	207.9	214.7	208.1	209.1	209.7	209.3
0:57:30	219.7	219.6	208.8	219.8	208.9	209.1	210.0	209.3
1:00:00	226.5	222.8	216.3	223.0	216.3	208.1	210.1	208.4
1:02:30	231.7	225.3	221.7	225.5	221.8	206.2	210.5	206.5
1:05:00	237.9	228.3	226.5	228.6	226.5	204.6	213.1	205.0
1:07:30	244.3	232.2	231.1	232.4	231.0	212.1	215.8	212.2
1:10:00	250.9	237.0	236.8	237.2	236.6	215.6	218.4	215.5
1:12:30	257.5	243.1	242.2	243.3	242.0	218.5	222.4	218.4
1:15:00	263.2	249.5	248.2	249.9	248.0	221.8	224.4	221.5
1:17:30	267.8	255.9	254.3	256.4	254.0	225.1	227.3	224.7
1:20:00	272.3	262.1	259.8	262.7	259.4	228.6	231.2	228.2
1:22:30	278.1	267.0	265.8	267.5	265.2	231.9	233.7	231.3
1:25:00	284.5	271.2	271.2	272.0	270.6	235.0	237.7	234.3
1:27:30	290.3	275.7	275.3	276.4	275.1	238.0	241.4	237.3
1:30:00	295.9	280.6	280.4	281.4	279.9	240.7	246.1	239.9
1:32:30	302.2	286.2	287.1	287.0	286.5	243.6	251.1	242.7
1:35:00	307.9	292.5	293.1	293.6	293.1	246.8	256.4	246.0
1:37:30	313.9	299.7	300.2	301.0	300.6	250.9	261.5	250.3
1:40:00	319.8	310.9	307.6	312.0	307.9	257.2	268.9	256.3
1:42:30	330.9	319.2	315.5	319.9	315.7	265.9	274.6	264.0
1:45:00	343.9	330.1	324.6	330.5	324.7	275.3	284.1	272.6

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## TEMPERATURES, °F

TIME hr:min:sec	TC 129	TC 130	TC 131	TC 132	TC 133	TC 134	TC 135	TC 136
1:47:30	370.6	339.0	333.7	339.1	334.6	285.0	292.4	281.4
1:50:00	386.1	350.4	344.3	350.9	346.6	295.6	302.0	291.1
1:52:30	398.4	363.2	358.8	365.0	363.0	306.4	313.5	301.3
1:55:00	411.0	379.1	374.3	382.0	381.1	318.4	329.4	312.6
1:57:30	425.6	395.5	390.2	401.0	397.9	331.8	342.8	324.9
2:00:00	442.0	428.6	407.4	435.6	418.0	346.9	360.3	339.1
2:02:30	459.1	447.2	427.3	455.8	438.7	362.2	382.4	353.6
2:05:00	478.9	469.4	459.4	480.2	472.2	378.7	414.6	370.2
2:07:30	502.0	492.1	492.5	503.3	502.5	398.6	440.0	388.5
2:10:00	524.9	517.2	518.4	528.8	527.7	420.9	464.7	412.0
2:12:30	554.1	546.3	527.1	558.9	537.3	445.9	488.3	437.2
2:15:00	566.6	575.7	534.7	587.1	549.3	475.0	515.9	464.5
2:17:30	579.4	609.5	559.7	621.1	569.6	499.3	531.7	489.9
2:20:00	556.2	602.5	597.0	651.8	588.7	573.4	563.2	558.1
2:22:30	604.7	594.6	612.3	609.4	616.1	597.9	589.7	584.1
2:25:00	654.8	648.7	631.6	647.3	631.4	639.0	634.4	604.0
2:27:30	622.9	670.9	673.4	653.3	634.6	652.4	652.8	622.1
2:30:00	666.2	702.2	669.4	671.9	648.9	679.5	643.8	695.5
2:32:30	635.3	700.0	666.2	668.2	662.2	639.6	679.1	709.2
2:35:00	674.9	715.4	734.3	730.4	733.1	613.6	710.7	729.4
2:37:30	772.8	794.6	759.5	797.3	809.9	788.6	727.3	728.4
2:40:00	749.4	777.4	745.8	784.0	741.1	784.5	680.4	670.5
2:42:30	754.8	794.5	598.9	796.9	714.0	759.8	757.8	753.9
2:45:00	795.0	745.1	582.7	842.0	665.2	799.7	697.6	732.1
2:47:30	704.6	828.4	646.5	909.3	663.0	602.1	763.8	557.0
2:50:00	810.5	780.0	576.1	867.0	561.8	462.4	792.4	475.7
2:52:30	798.5	782.6	499.8	843.8	459.7	689.0	868.7	657.2
2:55:00	924.1	841.8	563.3	945.3	535.1	365.7	871.1	285.0
2:57:30	964.0	790.6	532.9	855.6	565.0	458.0	672.1	528.7
3:00:00	1067.4	791.8	572.0	787.2	578.5	405.9	670.9	469.6
3:02:30	899.1	773.7	612.8	777.4	630.2	552.1	659.9	531.6
3:05:00	832.3	800.7	636.0	788.8	637.2	711.5	655.7	719.8
3:07:30	831.6	806.1	679.4	795.3	654.7	821.6	701.4	773.2
3:10:00	866.2	812.6	677.8	817.7	711.3	814.3	707.8	838.1

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## TEMPERATURES, °F

TIME hr:min:sec	TC 137	TC 138	TC 139	TC 140	TC 141	TC 142	TC 143	TC 144
0:00:00	80.9	80.9	80.9	81.2	81.2	81.2	81.4	81.2
0:05:00	80.9	80.9	81.0	81.2	81.3	81.3	81.4	81.2
0:07:30	81.0	81.0	81.0	81.2	81.4	81.3	81.5	81.2
0:10:00	81.4	81.2	81.2	81.5	81.8	81.5	81.8	81.3
0:12:30	82.4	82.0	81.7	82.0	82.5	81.9	82.5	81.7
0:15:00	84.2	84.0	82.9	82.9	83.6	82.8	83.6	82.4
0:17:30	86.7	86.8	84.6	84.5	85.2	84.2	85.1	83.3
0:20:00	90.5	90.5	87.3	87.1	87.9	86.5	87.5	85.1
0:22:30	95.0	94.6	90.9	90.5	91.3	89.7	90.6	87.5
0:25:00	100.1	99.0	95.2	94.7	95.4	93.5	94.4	90.7
0:27:30	105.7	103.7	99.8	99.1	99.8	97.5	98.6	94.3
0:30:00	111.5	108.3	104.4	103.7	104.5	101.9	102.9	98.1
0:32:30	117.4	113.3	109.1	108.5	109.2	106.3	107.4	102.0
0:35:00	123.6	118.7	113.9	113.2	114.2	110.9	112.0	106.0
0:37:30	130.6	124.2	118.6	117.8	119.0	115.6	116.5	109.9
0:40:00	138.8	130.7	123.9	122.9	123.8	120.4	121.1	113.6
0:42:30	149.6	139.2	130.4	128.0	129.1	125.6	126.0	117.6
0:45:00	165.1	152.4	140.0	134.4	135.0	131.3	131.0	121.6
0:47:30	196.8	193.1	186.4	183.6	154.2	138.7	136.8	125.9
0:50:00	203.7	201.9	199.5	193.0	191.2	192.8	191.1	179.5
0:52:30	208.9	208.2	206.2	206.1	205.5	205.9	205.4	186.1
0:55:00	210.9	211.1	208.6	208.2	209.3	208.0	209.2	250.7
0:57:30	213.1	214.2	209.7	209.6	210.4	209.4	210.4	306.2
1:00:00	215.4	216.7	211.5	212.4	213.9	212.1	213.8	213.2
1:02:30	217.9	220.7	216.1	215.9	218.2	215.6	218.2	221.5
1:05:00	220.5	224.0	220.8	220.5	221.9	220.2	221.8	222.4
1:07:30	223.6	226.6	224.6	224.5	225.5	224.2	225.4	221.1
1:10:00	227.2	230.0	228.9	228.5	229.4	228.2	229.4	219.1
1:12:30	231.4	234.4	233.8	233.3	233.9	233.0	233.9	219.2
1:15:00	236.3	239.6	239.8	239.1	239.6	238.9	239.6	216.2
1:17:30	241.5	245.3	245.3	245.4	244.9	245.2	244.9	217.9
1:20:00	246.9	250.9	251.3	252.8	250.2	252.5	250.2	223.3
1:22:30	251.9	256.3	256.6	259.3	256.7	258.9	256.7	231.5
1:25:00	257.1	261.1	261.7	266.6	262.9	266.3	262.8	238.9
1:27:30	262.3	265.0	266.6	271.5	268.9	271.1	268.9	245.5
1:30:00	267.2	268.7	271.6	274.6	273.3	274.2	273.3	251.4
1:32:30	272.8	272.5	276.9	278.5	276.9	278.1	277.0	256.6
1:35:00	278.5	277.1	282.1	283.3	280.9	282.9	280.9	261.4
1:37:30	284.3	282.5	287.5	288.9	286.6	288.5	286.6	265.9
1:40:00	291.0	287.4	293.1	293.9	289.8	293.4	289.8	270.6
1:42:30	299.1	292.7	298.4	300.0	294.0	299.3	293.6	273.7
1:45:00	307.5	298.7	304.8	305.6	300.4	304.4	299.1	278.3

FLORIDA POWER CORPORATION  
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## TEMPERATURES, °F

TIME hr:min:sec	TC 137	TC 138	TC 139	TC 140	TC 141	TC 142	TC 143	TC 144
1:47:30	315.3	307.2	313.3	312.4	306.0	310.6	302.6	283.9
1:50:00	325.3	316.5	323.4	319.7	312.7	316.9	307.4	290.3
1:52:30	336.5	326.1	332.8	328.2	319.4	324.3	311.7	295.4
1:55:00	349.7	337.1	345.0	336.9	326.9	331.6	318.0	301.0
1:57:30	364.2	349.5	358.0	347.0	335.6	340.3	325.1	306.9
2:00:00	379.2	364.6	373.4	358.7	347.2	350.5	335.4	313.5
2:02:30	396.6	381.1	389.5	373.5	361.0	363.3	348.0	321.3
2:05:00	413.7	399.7	408.2	389.7	374.3	377.3	362.1	329.9
2:07:30	434.9	421.7	429.3	406.0	390.6	391.1	375.3	339.5
2:10:00	457.5	437.6	451.6	425.5	408.0	407.6	390.3	351.2
2:12:30	489.4	468.2	468.5	448.0	430.0	425.9	408.6	363.3
2:15:00	496.6	501.4	493.3	474.3	453.6	448.8	427.9	378.1
2:17:30	525.4	535.7	506.2	502.5	484.1	472.7	454.4	393.6
2:20:00	534.9	551.2	521.0	522.8	515.9	488.5	481.8	409.6
2:22:30	568.8	557.6	551.4	545.3	505.2	508.9	466.1	429.9
2:25:00	587.5	589.9	573.3	545.1	523.3	505.4	483.9	468.5
2:27:30	611.3	625.2	606.5	572.2	621.6	476.9	589.9	504.3
2:30:00	645.1	707.8	639.0	609.2	615.3	560.4	575.3	423.2
2:32:30	697.9	712.9	656.2	620.5	603.2	579.8	558.1	464.1
2:35:00	678.3	716.7	679.7	704.6	611.9	640.9	548.1	554.3
2:37:30	616.7	682.4	707.0	711.7	625.7	610.5	565.6	552.7
2:40:00	619.2	656.9	733.1	697.7	640.6	618.9	574.3	469.2
2:42:30	761.7	609.5	725.5	695.1	604.6	619.8	543.7	483.7
2:45:00	657.4	601.6	776.3	723.5	636.4	670.3	568.8	457.5
2:47:30	776.9	625.2	736.4	708.9	669.6	580.8	570.5	433.2
2:50:00	727.6	716.4	665.3	796.4	730.8	738.0	677.2	588.2
2:52:30	764.3	677.5	555.7	806.9	712.6	740.7	648.6	508.3
2:55:00	797.7	836.7	866.7	777.4	810.9	740.1	740.8	634.9
2:57:30	658.4	731.2	858.9	806.4	719.4	890.4	784.5	631.9
3:00:00	749.0	787.2	797.1	884.8	792.6	841.2	779.0	711.6
3:02:30	789.5	811.2	830.4	814.2	783.2	839.7	740.1	758.5
3:05:00	749.6	776.8	711.6	807.0	723.3	769.2	706.8	730.9
3:07:30	764.2	788.3	710.7	818.8	786.9	797.8	691.1	759.9
3:10:00	769.6	764.7	734.1	848.2	836.2	823.0	738.5	822.6

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## TEMPERATURES, °F

TIME hr:min:sec	TC 145	TC 146	TC 147	TC 148	TC 149	TC 150	TC 151	TC 152
0:00:00	81.2	80.9	81.4	81.2	81.5	81.7	81.5	81.7
0:05:00	81.3	80.9	81.4	81.2	81.5	81.6	81.5	81.7
0:07:30	81.3	80.9	81.4	81.2	81.5	81.6	81.5	81.7
0:10:00	81.5	81.1	81.5	81.3	81.7	81.7	81.6	81.8
0:12:30	81.8	81.4	81.7	81.5	82.2	82.1	82.0	82.1
0:15:00	82.2	82.0	81.9	81.9	83.4	82.9	82.5	82.9
0:17:30	82.8	82.6	82.1	82.5	85.5	84.6	83.7	84.7
0:20:00	84.1	84.0	82.9	83.3	88.7	87.8	86.6	87.9
0:22:30	86.0	86.2	84.2	84.4	92.4	92.4	90.5	92.4
0:25:00	88.5	88.9	86.0	85.8	96.7	96.9	94.7	96.9
0:27:30	91.3	91.8	88.0	87.4	100.6	100.6	98.2	100.6
0:30:00	93.8	94.8	90.3	89.2	104.5	103.9	101.3	103.9
0:32:30	96.5	97.8	92.6	91.3	108.1	107.2	104.4	107.1
0:35:00	98.9	100.7	95.0	93.5	113.0	111.2	108.1	111.1
0:37:30	101.4	103.5	97.4	96.0	119.3	115.9	112.2	115.7
0:40:00	104.2	106.2	99.7	98.4	125.2	121.3	116.8	121.1
0:42:30	107.0	109.2	102.2	100.9	130.1	126.6	122.0	126.3
0:45:00	109.9	112.3	104.7	103.4	134.5	131.5	127.3	131.1
0:47:30	112.9	115.9	107.5	106.0	138.5	136.7	133.0	136.2
0:50:00	116.9	120.7	111.1	109.1	145.8	141.1	138.1	140.4
0:52:30	122.4	128.3	115.6	112.6	145.7	143.1	140.7	142.4
0:55:00	146.4	151.7	140.5	118.4	149.3	145.5	142.1	145.1
0:57:30	150.9	154.7	148.6	143.5	154.0	148.7	145.7	149.5
1:00:00	155.6	157.6	149.7	147.5	157.8	154.2	152.2	156.9
1:02:30	160.9	162.0	152.7	150.7	163.6	158.9	158.9	163.0
1:05:00	168.4	167.3	172.0	153.8	169.1	165.8	166.3	170.8
1:07:30	176.9	172.6	176.9	157.7	176.4	174.0	174.7	179.4
1:10:00	181.9	178.6	175.2	161.5	185.4	182.9	182.9	188.2
1:12:30	189.2	185.2	178.1	166.5	195.1	191.7	192.0	196.6
1:15:00	196.8	190.4	182.6	173.4	205.5	202.7	204.6	207.3
1:17:30	205.4	195.5	188.3	180.2	218.0	211.9	213.8	216.1
1:20:00	212.0	203.9	195.8	185.8	229.4	222.6	222.9	226.4
1:22:30	218.0	215.0	204.2	193.3	242.0	232.5	228.8	236.3
1:25:00	225.2	225.7	211.7	200.5	247.9	237.8	237.5	243.1
1:27:30	233.0	234.9	218.0	208.0	256.4	248.7	245.8	252.2
1:30:00	240.4	243.2	224.4	215.1	265.1	256.3	253.0	260.1
1:32:30	248.0	250.7	231.6	221.5	273.2	263.6	260.3	267.4
1:35:00	255.0	258.7	238.2	227.7	279.7	268.4	313.6	272.2
1:37:30	260.8	264.3	243.7	233.2	285.2	275.3	327.0	278.6
1:40:00	265.7	269.9	249.5	239.4	292.6	282.4	281.7	285.5
1:42:30	270.6	273.8	254.9	245.2	298.9	288.8	287.3	291.9
1:45:00	274.9	278.9	260.1	250.4	307.0	296.1	292.5	298.9

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## TEMPERATURES, °F

TIME hr:min:sec	TC 145	TC 146	TC 147	TC 148	TC 149	TC 150	TC 151	TC 152
1:47:30	278.5	285.0	284.8	255.2	313.2	298.9	296.5	301.4
1:50:00	280.4	291.7	268.5	259.8	322.3	306.7	302.3	308.9
1:52:30	286.9	297.0	272.0	264.6	330.3	316.1	309.0	318.2
1:55:00	293.3	302.7	275.5	268.3	339.1	320.3	315.2	322.2
1:57:30	299.0	308.3	279.4	271.7	351.2	326.2	320.6	328.0
2:00:00	304.9	313.6	284.9	275.1	359.1	336.3	328.7	338.2
2:02:30	310.9	319.9	290.6	279.6	368.5	342.8	337.1	344.6
2:05:00	316.9	326.7	295.8	284.3	378.0	351.3	346.7	353.2
2:07:30	323.0	334.4	301.5	288.9	402.2	356.9	356.9	358.9
2:10:00	329.6	344.1	307.7	294.2	411.9	365.3	365.0	367.4
2:12:30	336.0	353.8	313.8	298.9	403.6	373.4	364.6	375.6
2:15:00	342.8	365.5	319.2	304.7	412.0	382.3	385.9	384.5
2:17:30	352.8	362.2	327.2	309.4	394.6	393.3	389.7	395.3
2:20:00	361.4	375.6	336.2	314.6	419.6	392.4	398.8	394.9
2:22:30	377.4	392.2	344.1	321.9	429.8	406.0	411.6	409.7
2:25:00	390.4	428.4	352.8	329.9	429.3	426.9	418.6	428.9
2:27:30	415.6	453.4	366.1	340.4	400.7	429.2	422.5	431.0
2:30:00	403.0	348.4	378.2	350.3	440.5	433.9	431.6	436.0
2:32:30	436.0	396.2	386.9	358.6	444.2	451.7	457.8	453.4
2:35:00	454.6	472.8	387.4	368.5	442.4	443.0	449.2	442.9
2:37:30	459.5	466.1	403.1	361.7	458.8	381.4	434.0	381.3
2:40:00	460.5	381.0	411.3	374.8	452.0	461.3	465.7	462.3
2:42:30	487.3	392.8	401.4	386.0	457.1	433.8	446.7	426.4
2:45:00	473.5	363.7	390.0	378.5	442.9	421.3	422.5	424.4
2:47:30	493.0	322.6	352.5	479.4	479.7	422.5	474.8	422.2
2:50:00	412.2	433.1	249.4	523.6	405.5	412.1	451.5	411.4
2:52:30	424.1	316.2	522.8	375.7	371.3	427.4	433.9	426.2
2:55:00	433.3	439.2	607.9	411.8	399.4	452.5	450.2	450.0
2:57:30	442.4	361.9	538.3	478.7	372.1	438.6	462.2	436.9
3:00:00	452.1	446.7	603.6	456.5	438.1	461.0	478.5	459.0
3:02:30	461.0	465.3	583.9	444.6	404.3	473.4	522.6	472.1
3:05:00	470.0	474.9	361.0	455.3	478.1	504.7	550.5	500.6
3:07:30	480.3	493.7	415.6	507.2	490.7	502.8	561.0	504.1
3:10:00	492.2	599.2	519.4	501.4	436.5	517.9	459.0	515.0

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## TEMPERATURES, °F

TIME hr:min:sec	TC 153	TC 154	TC 155	TC 156	TC 157	TC 158	TC 159	TC 160
0:00:00	81.6	81.7	81.6	81.7	81.6	81.8	81.5	81.3
0:05:00	81.6	81.7	81.6	81.7	81.6	81.8	81.5	81.4
0:07:30	81.6	81.7	81.6	81.7	81.6	81.8	81.5	81.5
0:10:00	81.7	81.9	81.7	81.9	81.7	81.8	82.0	81.7
0:12:30	82.0	82.2	82.0	82.2	82.0	82.3	82.5	82.3
0:15:00	82.6	83.0	82.6	83.0	82.6	82.8	83.1	83.1
0:17:30	83.8	84.3	83.6	84.3	83.8	83.9	84.1	84.1
0:20:00	86.7	86.1	85.1	86.1	85.5	85.5	85.8	86.0
0:22:30	90.6	88.4	87.1	88.4	87.5	87.5	88.3	88.5
0:25:00	94.8	91.0	89.8	91.1	90.2	90.2	91.6	91.8
0:27:30	98.3	94.0	92.6	94.1	93.2	93.4	95.4	95.0
0:30:00	101.3	96.9	95.7	97.1	96.3	96.8	99.3	98.4
0:32:30	104.4	100.1	98.8	100.2	99.4	100.1	103.2	102.1
0:35:00	108.1	103.5	102.2	103.8	102.9	103.8	107.3	105.8
0:37:30	112.2	108.5	107.7	108.9	106.9	108.0	111.7	109.9
0:40:00	116.9	114.2	114.5	114.7	112.1	113.1	116.5	114.8
0:42:30	122.0	119.5	120.4	120.1	119.1	119.4	121.7	120.1
0:45:00	127.3	125.2	126.4	125.9	126.4	126.1	127.4	126.1
0:47:30	133.0	132.1	132.9	132.9	133.2	133.3	133.7	131.7
0:50:00	138.0	138.2	138.0	139.1	138.7	138.8	138.9	137.6
0:52:30	142.4	142.8	141.0	142.2	141.3	141.0	141.3	140.0
0:55:00	151.5	149.7	146.6	147.5	143.3	142.4	142.8	142.9
0:57:30	164.4	162.3	155.1	154.7	146.2	144.1	143.3	144.2
1:00:00	179.3	176.4	163.6	160.2	150.1	147.0	144.6	146.3
1:02:30	190.2	188.4	174.1	169.8	155.6	151.3	148.8	148.7
1:05:00	198.4	199.5	186.5	176.2	161.9	157.0	154.1	152.4
1:07:30	206.7	207.5	195.6	183.3	169.0	162.0	158.7	155.8
1:10:00	212.7	215.6	203.1	191.9	177.8	168.8	164.6	159.8
1:12:30	218.8	225.8	211.5	202.5	186.1	176.4	170.7	164.5
1:15:00	229.9	235.1	221.8	212.9	195.1	182.3	177.1	169.1
1:17:30	236.7	242.3	230.5	221.2	201.5	191.7	183.6	174.5
1:20:00	243.2	250.6	238.1	230.1	211.3	199.5	190.7	180.3
1:22:30	246.5	258.3	246.3	238.6	220.0	207.2	197.7	186.6
1:25:00	252.6	264.4	254.2	247.5	228.0	213.7	202.9	192.6
1:27:30	258.1	269.8	262.7	257.4	236.9	220.5	210.0	200.3
1:30:00	262.5	275.3	268.9	267.3	246.1	228.4	216.3	205.3
1:32:30	267.2	280.6	274.2	276.8	257.7	235.7	222.7	214.3
1:35:00	272.7	284.6	278.8	282.7	269.9	250.3	230.7	219.3
1:37:30	277.6	289.0	283.8	287.9	277.6	269.7	244.5	225.0
1:40:00	282.6	292.6	288.1	291.6	283.0	275.1	264.1	248.6
1:42:30	287.7	296.3	292.0	295.7	288.2	279.9	269.9	266.1
1:45:00	292.9	301.5	296.5	300.8	293.2	284.2	275.7	272.2

FLORIDA POWER CORPORATION  
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## TEMPERATURES, °F

TIME hr:min:sec	TC 153	TC 154	TC 155	TC 156	TC 157	TC 158	TC 159	TC 160
1:47:30	296.8	307.4	300.9	306.8	298.4	289.6	281.3	281.4
1:50:00	302.3	313.5	305.7	313.3	303.9	294.8	287.3	284.3
1:52:30	308.7	318.6	310.0	318.5	310.3	299.8	294.1	288.3
1:55:00	314.6	324.5	315.9	324.3	314.2	304.4	300.8	291.5
1:57:30	320.4	329.6	322.0	329.5	320.0	310.7	304.9	296.1
2:00:00	328.6	337.5	329.7	337.2	327.4	316.3	311.6	303.3
2:02:30	336.9	343.7	336.6	343.3	334.2	322.6	318.1	308.7
2:05:00	346.5	351.2	344.9	350.4	342.5	328.2	326.0	315.5
2:07:30	355.7	359.9	354.7	358.6	350.4	336.9	333.9	321.0
2:10:00	364.2	369.9	365.3	375.2	362.8	340.1	340.3	328.4
2:12:30	364.8	381.2	372.3	394.3	372.1	346.7	348.2	338.4
2:15:00	387.5	391.3	378.7	393.5	380.6	357.9	357.8	345.7
2:17:30	391.0	392.7	387.6	391.6	390.5	381.0	367.1	354.9
2:20:00	401.0	405.4	388.9	400.5	391.0	382.2	377.0	377.4
2:22:30	413.9	408.3	400.4	406.5	400.8	397.7	385.7	388.4
2:25:00	421.0	411.3	414.8	409.2	413.6	412.1	394.1	403.7
2:27:30	424.6	417.4	419.1	418.3	420.3	415.9	408.5	421.0
2:30:00	432.3	430.4	425.4	426.4	429.6	431.2	372.5	436.0
2:32:30	459.3	446.4	443.6	442.3	381.3	441.1	407.5	425.1
2:35:00	447.4	440.1	450.0	442.1	428.7	425.3	467.5	416.6
2:37:30	432.1	423.1	413.5	423.0	407.7	420.5	449.9	429.3
2:40:00	469.6	446.3	449.4	449.9	405.4	446.8	407.5	414.9
2:42:30	447.8	379.2	405.5	377.6	415.6	446.6	439.2	401.9
2:45:00	424.6	388.8	430.6	389.6	430.2	448.7	396.8	408.8
2:47:30	465.0	399.4	412.6	400.1	457.7	458.7	392.2	403.1
2:50:00	453.2	406.3	421.5	410.1	433.1	428.2	388.1	398.3
2:52:30	435.9	407.7	445.6	408.7	438.6	429.5	418.8	422.5
2:55:00	449.8	398.8	444.8	400.6	429.4	455.9	412.5	430.8
2:57:30	464.0	411.6	462.0	412.8	465.2	455.6	534.0	480.8
3:00:00	478.4	420.5	449.3	422.0	452.7	483.4	527.2	439.1
3:02:30	523.3	508.8	396.4	509.4	471.7	469.0	404.8	443.8
3:05:00	550.0	348.5	412.7	332.8	417.6	548.0	388.0	454.9
3:07:30	570.0	317.9	487.6	317.5	489.9	558.8	450.3	497.8
3:10:00	459.2	417.9	471.2	419.5	496.5	538.5	475.8	502.6

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## TEMPERATURES, °F

TIME hr:min:sec	TC 161	TC 162	TC 163	TC 164	TC 165	TC 166	TC 167	TC 168
0:00:00	81.4	81.5	81.3	81.2	81.1	81.3	81.5	81.9
0:05:00	81.4	81.5	81.3	81.2	81.2	81.4	81.5	81.8
0:07:30	81.4	81.6	81.4	81.2	81.2	81.4	81.5	81.9
0:10:00	81.6	81.7	81.6	81.4	81.2	81.5	81.6	81.9
0:12:30	82.0	82.4	82.0	81.6	81.4	81.8	81.7	82.0
0:15:00	82.9	83.2	82.8	82.2	81.7	82.3	82.1	82.3
0:17:30	84.3	84.7	84.3	83.0	82.2	83.2	82.9	83.0
0:20:00	86.4	86.7	86.3	84.7	83.4	84.7	84.2	84.0
0:22:30	88.6	89.1	88.6	86.8	85.1	86.9	85.9	85.5
0:25:00	91.4	92.1	91.3	89.5	87.5	89.6	88.1	87.4
0:27:30	94.3	95.1	94.2	92.4	90.4	92.4	90.6	89.8
0:30:00	97.2	98.3	97.2	95.4	93.0	95.4	93.2	92.3
0:32:30	100.4	101.9	100.2	98.2	95.9	98.4	96.1	95.1
0:35:00	103.8	105.5	103.6	101.1	101.1	101.2	98.8	97.6
0:37:30	107.8	109.6	107.6	103.9	103.8	104.0	101.6	100.4
0:40:00	112.2	114.3	111.8	106.7	104.1	106.9	104.4	103.7
0:42:30	117.4	119.9	117.1	109.8	109.6	110.0	107.4	106.4
0:45:00	123.5	126.0	123.2	113.4	110.0	113.6	110.5	109.4
0:47:30	130.8	131.8	130.5	118.5	117.8	118.7	114.6	113.1
0:50:00	136.9	137.4	136.4	129.8	118.9	130.1	119.5	117.9
0:52:30	140.1	139.6	139.6	141.6	139.0	141.9	139.8	125.5
0:55:00	141.4	142.4	140.7	142.9	143.3	143.1	144.1	145.2
0:57:30	142.4	143.4	141.5	143.4	143.9	143.7	144.6	146.1
1:00:00	144.6	145.1	143.3	144.3	144.5	144.8	145.3	146.6
1:02:30	148.6	147.4	147.0	146.2	145.4	146.5	146.2	147.2
1:05:00	153.2	150.6	151.3	151.0	147.4	151.2	148.0	148.6
1:07:30	157.0	153.7	154.9	155.8	150.1	156.0	150.8	150.9
1:10:00	161.1	157.4	159.0	161.1	155.2	161.1	155.8	155.1
1:12:30	165.7	161.8	163.2	166.9	160.9	166.8	161.3	159.9
1:15:00	170.7	166.0	168.0	173.1	165.6	172.8	166.0	164.5
1:17:30	175.8	171.1	173.1	179.2	170.5	178.7	171.0	170.3
1:20:00	181.8	176.7	178.7	186.5	176.5	186.0	177.1	176.1
1:22:30	188.1	182.6	184.7	195.4	181.9	194.8	182.5	182.4
1:25:00	195.2	188.6	191.8	203.3	188.8	202.7	189.5	186.1
1:27:30	202.0	196.0	198.5	209.9	194.8	209.2	195.8	191.8
1:30:00	208.0	200.6	204.6	214.2	201.2	213.5	202.2	201.6
1:32:30	214.8	209.3	211.5	219.7	208.1	219.1	209.2	206.8
1:35:00	221.3	213.9	217.9	224.6	213.6	223.9	215.0	215.3
1:37:30	226.4	217.8	222.5	230.4	220.5	229.9	222.1	221.0
1:40:00	234.5	223.4	229.3	236.2	225.6	235.9	227.6	228.4
1:42:30	259.3	229.7	236.2	241.8	231.5	241.6	233.4	230.8
1:45:00	280.4	259.2	244.0	248.3	238.7	247.9	240.6	235.6

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## TEMPERATURES, °F

TIME hr:min:sec	TC 161	TC 162	TC 163	TC 164	TC 165	TC 166	TC 167	TC 168
1:47:30	286.9	278.4	274.8	258.5	245.9	254.7	247.6	241.1
1:50:00	292.0	282.1	285.6	295.0	255.7	261.9	254.1	251.5
1:52:30	295.9	287.0	291.6	304.1	290.9	277.1	260.5	260.1
1:55:00	301.1	290.9	298.2	311.3	300.0	308.3	292.5	267.4
1:57:30	306.7	296.4	304.4	317.6	306.9	315.0	304.7	299.0
2:00:00	312.2	303.6	310.4	324.0	313.1	322.1	310.9	306.1
2:02:30	318.1	308.5	315.4	330.9	319.9	329.4	317.7	312.8
2:05:00	327.3	315.2	320.0	338.6	326.1	337.3	324.4	320.8
2:07:30	336.1	322.2	327.8	346.3	333.5	345.7	332.0	328.3
2:10:00	344.2	330.2	338.0	355.2	340.4	355.2	339.1	334.4
2:12:30	348.9	340.3	349.8	364.0	350.1	364.0	349.7	340.6
2:15:00	358.3	367.0	357.6	375.9	361.0	376.3	360.5	348.7
2:17:30	367.9	376.5	366.3	387.1	372.3	388.2	371.7	361.0
2:20:00	380.8	390.9	372.0	401.5	383.8	402.1	383.3	371.6
2:22:30	391.6	397.8	385.4	415.1	395.6	416.7	395.3	387.3
2:25:00	405.9	410.2	394.9	410.1	406.9	410.8	407.9	401.5
2:27:30	420.1	423.9	407.1	409.4	417.6	411.3	416.7	414.8
2:30:00	399.3	436.5	393.6	430.3	435.5	431.9	434.7	422.8
2:32:30	439.4	429.3	428.4	410.7	439.5	410.9	438.7	429.2
2:35:00	398.6	420.5	391.8	450.4	418.1	452.3	417.3	434.2
2:37:30	407.9	432.2	403.3	442.2	421.9	443.8	423.0	438.8
2:40:00	407.4	425.4	400.3	414.7	406.4	411.9	408.1	442.0
2:42:30	403.2	409.0	398.1	447.1	418.1	446.3	417.2	449.1
2:45:00	408.8	415.1	400.8	394.0	413.3	400.6	413.1	456.3
2:47:30	416.8	408.0	409.2	408.3	427.8	408.9	425.6	429.4
2:50:00	425.4	402.7	411.1	395.2	442.9	395.0	441.4	413.4
2:52:30	412.4	423.6	392.1	410.9	441.2	409.9	441.0	386.8
2:55:00	424.0	430.9	401.6	439.0	439.6	438.9	439.7	374.5
2:57:30	474.7	472.4	447.4	436.7	448.9	435.4	449.3	428.5
3:00:00	437.8	434.5	401.4	439.0	458.9	438.0	460.7	446.3
3:02:30	482.4	439.4	434.0	445.1	461.2	443.3	462.6	420.4
3:05:00	558.9	450.4	531.2	434.8	585.4	434.8	588.9	459.9
3:07:30	580.7	500.5	552.6	447.0	544.5	443.0	548.5	476.7
3:10:00	546.9	498.2	523.3	443.6	527.4	435.4	531.8	479.1

FLORIDA POWER CORPORATION  
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## TEMPERATURES, °F

TIME hr:min:sec	TC 169	TC 170	TC 171	TC 172	TC 173	TC 174	TC 175	TC 176
0:00:00	81.6	81.6	81.6	81.6	81.6	81.5	81.4	81.5
0:05:00	81.6	81.6	81.6	81.6	81.6	81.6	81.4	81.5
0:07:30	81.5	81.6	81.5	81.6	81.6	81.7	81.5	81.7
0:10:00	81.6	81.6	81.6	81.6	81.6	82.5	81.9	82.5
0:12:30	81.7	81.7	81.7	81.7	81.7	85.1	84.8	85.0
0:15:00	82.0	81.9	81.9	82.0	82.9	89.5	84.2	89.4
0:17:30	82.6	82.5	82.3	82.5	82.4	95.9	86.3	93.8
0:20:00	83.6	83.3	83.0	83.3	83.0	103.5	89.1	103.3
0:22:30	84.8	84.5	84.0	84.4	84.0	110.4	92.5	110.0
0:25:00	86.6	86.2	85.4	86.0	85.4	115.4	96.4	115.0
0:27:30	88.9	88.1	87.1	87.9	87.0	119.2	100.0	118.8
0:30:00	91.3	90.4	89.1	90.1	95.8	122.6	103.4	122.1
0:32:30	93.9	92.9	91.3	92.5	91.2	126.5	106.8	125.9
0:35:00	96.4	95.5	93.8	94.9	93.5	132.3	111.1	131.7
0:37:30	99.0	98.3	96.2	97.4	106.0	137.7	120.4	137.0
0:40:00	101.7	101.0	98.8	99.9	98.4	141.0	134.4	140.2
0:42:30	105.0	104.0	101.4	102.6	110.6	143.4	140.0	142.4
0:45:00	108.2	107.2	104.3	105.4	103.6	145.2	143.1	144.2
0:47:30	112.0	110.8	107.2	108.3	116.9	146.5	144.4	145.5
0:50:00	117.4	116.2	111.1	112.4	118.7	147.7	144.9	146.6
0:52:30	127.2	124.3	116.6	117.7	113.9	148.8	145.4	147.6
0:55:00	152.8	155.1	145.5	145.9	141.1	150.2	146.1	149.0
0:57:30	158.6	161.3	153.3	147.8	145.8	152.1	147.0	151.1
1:00:00	165.6	177.8	161.7	150.2	147.2	154.7	148.6	155.0
1:02:30	171.1	186.1	168.7	153.6	149.4	158.0	151.3	160.2
1:05:00	175.2	188.0	177.7	157.9	152.4	162.4	154.9	166.9
1:07:30	180.1	191.8	182.5	162.9	156.3	167.4	159.6	173.5
1:10:00	186.2	195.8	186.6	169.2	161.6	172.9	164.4	180.4
1:12:30	193.7	200.8	190.1	177.9	169.3	179.3	169.8	187.7
1:15:00	200.3	206.2	195.8	186.4	177.4	186.8	175.5	194.9
1:17:30	206.9	211.1	201.5	195.6	187.0	195.4	181.7	202.2
1:20:00	213.5	217.5	207.7	204.9	194.4	204.4	187.7	209.7
1:22:30	219.8	224.7	214.0	212.9	202.9	213.7	192.8	217.1
1:25:00	226.1	231.6	220.6	221.1	212.6	223.0	197.4	225.0
1:27:30	230.2	238.2	227.1	226.6	218.2	232.6	202.7	233.7
1:30:00	234.6	243.9	232.9	235.3	226.1	243.3	209.8	243.5
1:32:30	242.5	248.3	238.3	241.1	233.6	255.1	216.7	254.7
1:35:00	247.6	252.3	243.6	246.7	240.1	267.4	224.2	267.3
1:37:30	255.8	257.8	248.5	252.6	245.0	279.9	232.4	280.0
1:40:00	264.2	263.4	253.6	258.6	250.0	292.5	243.0	292.2
1:42:30	267.4	268.5	259.4	263.9	255.9	303.7	255.7	302.6
1:45:00	272.7	273.0	263.9	268.7	260.6	313.9	268.1	312.7

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## TEMPERATURES, °F

TIME hr:min:sec	TC 169	TC 170	TC 171	TC 172	TC 173	TC 174	TC 175	TC 176
1:47:30	276.2	277.4	269.1	273.3	287.2	327.4	279.3	326.1
1:50:00	283.3	281.7	272.5	277.9	305.7	344.1	287.9	342.7
1:52:30	289.4	287.1	276.8	283.3	274.0	360.9	295.7	359.5
1:55:00	295.8	292.8	282.1	289.3	330.5	378.5	307.1	377.4
1:57:30	299.8	299.3	289.1	295.8	286.9	397.2	320.1	396.4
2:00:00	304.1	303.9	294.7	300.5	361.0	416.8	332.5	416.0
2:02:30	307.6	308.1	299.8	304.7	297.5	433.3	344.6	432.2
2:05:00	316.5	314.3	305.7	311.1	405.0	453.2	357.1	451.9
2:07:30	326.2	322.6	312.4	319.3	310.0	473.5	371.5	472.2
2:10:00	333.3	330.2	318.9	326.9	316.5	494.0	386.9	492.7
2:12:30	341.5	338.8	326.2	335.5	440.8	514.8	406.6	513.1
2:15:00	349.4	348.8	334.0	345.3	433.9	512.2	430.6	510.4
2:17:30	357.7	360.3	344.6	356.9	341.7	497.5	453.8	496.8
2:20:00	368.8	371.0	352.4	367.6	349.1	558.9	458.4	557.0
2:22:30	380.1	379.2	359.3	375.6	354.8	432.7	481.0	430.3
2:25:00	392.8	388.3	366.6	385.8	361.8	400.4	410.5	401.5
2:27:30	405.0	397.3	373.8	395.3	369.0	446.9	436.3	447.9
2:30:00	394.9	402.9	377.9	400.9	418.1	476.4	472.7	478.6
2:32:30	417.9	393.1	381.6	392.4	422.7	490.2	505.9	492.8
2:35:00	442.9	405.8	385.5	405.3	456.1	443.4	541.3	456.0
2:37:30	435.5	372.2	391.7	370.1	471.5	471.4	556.6	473.5
2:40:00	389.7	384.9	397.1	382.1	460.6	506.4	554.8	517.5
2:42:30	383.5	384.9	404.6	384.9	401.1	458.8	573.0	460.2
2:45:00	419.7	389.8	413.5	383.9	512.8	465.7	434.7	465.3
2:47:30	428.4	398.4	407.9	395.5	406.2	483.3	495.3	480.8
2:50:00	478.5	407.9	415.8	406.9	411.4	486.6	499.6	485.9
2:52:30	529.7	424.2	424.9	426.1	501.6	502.7	521.3	498.4
2:55:00	486.3	441.1	431.7	439.0	424.1	515.6	560.3	508.0
2:57:30	480.7	434.3	440.5	431.2	476.8	571.2	551.7	568.6
3:00:00	637.7	471.0	447.2	463.2	439.0	650.3	608.9	643.3
3:02:30	464.0	478.1	456.6	474.6	486.0	615.0	555.2	638.4
3:05:00	613.5	460.4	464.9	455.5	542.5	570.4	580.8	563.0
3:07:30	604.8	470.4	479.8	48.8	508.4	593.3	589.9	587.3
3:10:00	558.7	489.4	484.2	436.2	582.7	561.5	570.8	555.2

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## TEMPERATURES, °F

TIME hr:min:sec	TC 177	TC 178	TC 179	TC 180	TC 181	TC 182	TC 183	TC 184
0:00:00	81.2	81.5	81.5	81.4	81.2	81.3	81.4	81.4
0:05:00	81.2	81.5	81.6	81.5	81.3	81.3	81.4	81.4
0:07:30	81.3	81.5	81.6	81.5	81.4	81.4	81.4	81.4
0:10:00	81.8	81.8	81.9	81.8	81.6	81.7	81.7	81.6
0:12:30	82.7	82.4	82.7	82.4	82.2	82.4	82.2	82.1
0:15:00	84.0	83.4	84.0	83.3	83.0	83.2	83.1	83.0
0:17:30	85.7	85.1	85.8	84.4	83.9	84.2	84.4	84.6
0:20:00	88.4	88.2	88.1	86.0	85.2	85.7	85.8	86.5
0:22:30	91.9	92.2	91.0	88.3	87.1	88.0	87.6	88.6
0:25:00	95.9	96.8	94.6	91.5	89.8	91.3	90.1	91.3
0:27:30	99.8	101.3	98.3	95.2	93.0	95.0	93.2	94.3
0:30:00	103.4	105.7	102.0	99.2	96.8	99.2	96.7	97.6
0:32:30	106.9	110.0	105.8	103.4	100.7	103.5	100.6	101.0
0:35:00	111.3	115.2	110.2	108.3	105.3	108.4	105.0	105.0
0:37:30	120.5	121.4	115.9	113.8	110.4	113.8	110.2	110.3
0:40:00	134.4	129.6	123.7	120.3	116.4	120.3	116.2	122.8
0:42:30	139.9	138.2	134.7	128.4	125.9	128.3	125.7	139.7
0:45:00	142.8	143.1	144.0	136.7	141.7	138.5	141.5	144.4
0:47:30	144.0	144.7	146.1	146.5	145.9	146.2	145.7	146.0
0:50:00	144.3	145.1	146.4	147.1	146.6	146.7	146.2	146.4
0:52:30	144.7	145.5	146.9	147.8	147.2	147.3	146.8	146.6
0:55:00	145.5	151.1	148.8	148.7	148.0	148.1	147.5	147.3
0:57:30	148.6	157.0	154.1	150.5	149.2	149.1	148.5	148.1
1:00:00	155.5	167.5	160.9	153.0	150.8	150.4	149.6	149.0
1:02:30	164.3	179.1	169.4	156.3	153.0	151.9	151.0	150.0
1:05:00	173.5	186.6	178.1	159.6	155.2	153.9	152.7	151.4
1:07:30	182.1	192.9	185.1	162.9	157.7	155.9	154.5	152.8
1:10:00	187.8	207.8	194.0	166.5	160.1	157.9	156.3	154.3
1:12:30	192.3	235.2	198.8	170.5	163.2	160.3	158.3	156.0
1:15:00	196.7	237.9	202.8	174.5	166.2	162.9	160.6	158.0
1:17:30	201.1	247.7	205.6	178.8	169.2	165.5	162.9	159.9
1:20:00	204.9	255.1	207.7	184.0	172.3	168.2	165.4	161.8
1:22:30	208.9	261.4	208.9	190.8	175.2	170.5	167.4	163.4
1:25:00	211.5	270.7	210.0	195.5	179.8	173.7	170.0	165.7
1:27:30	215.0	270.8	210.8	201.4	185.0	177.6	172.8	168.0
1:30:00	220.1	269.7	211.5	207.8	192.5	181.7	175.8	170.2
1:32:30	224.7	265.4	212.4	212.2	202.3	188.8	179.6	172.8
1:35:00	230.3	263.4	213.2	214.5	208.4	205.5	183.5	175.6
1:37:30	237.3	261.3	214.9	217.0	211.0	213.2	203.3	179.5
1:40:00	247.2	261.2	217.0	220.2	214.1	218.1	212.1	204.6
1:42:30	259.3	261.1	219.9	224.0	217.9	222.6	218.0	213.9
1:45:00	271.3	260.2	224.7	229.2	221.6	228.2	222.3	218.5

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TIME hr:min:sec	TC 177	TC 178	TC 179	TC 180	TC 181	TC 182	TC 183	TC 184
1:47:30	282.1	284.5	234.3	235.9	226.2	235.1	226.5	223.4
1:50:00	290.6	287.8	237.7	244.2	232.7	243.5	233.2	230.4
1:52:30	298.3	279.6	249.7	254.3	243.1	253.3	243.8	240.8
1:55:00	309.6	288.6	266.3	266.1	257.4	265.0	258.1	255.4
1:57:30	322.6	301.4	282.0	278.5	270.4	277.2	271.1	270.3
2:00:00	335.1	313.0	296.4	290.6	283.7	289.0	284.3	286.6
2:02:30	353.0	321.0	210.4	303.4	296.5	301.9	297.3	300.9
2:05:00	364.2	330.6	312.6	313.2	308.6	311.7	307.3	308.3
2:07:30	377.9	344.6	326.3	322.4	315.1	320.8	314.4	315.0
2:10:00	392.8	360.8	343.5	335.3	328.6	333.5	326.9	329.9
2:12:30	411.7	377.0	358.6	351.5	344.5	349.2	342.9	348.6
2:15:00	436.2	397.3	213.3	370.0	361.4	367.6	360.5	364.7
2:17:30	459.2	419.6	397.7	389.5	380.6	387.4	379.6	382.0
2:20:00	462.0	433.0	421.4	411.5	394.7	407.9	401.9	397.3
2:22:30	496.5	387.1	388.6	437.1	392.8	434.1	392.7	395.6
2:25:00	412.9	404.3	413.3	464.0	428.6	454.2	430.6	408.8
2:27:30	443.6	448.1	433.2	446.0	461.0	441.6	459.9	438.5
2:30:00	477.0	465.8	215.6	483.2	488.3	479.1	487.0	451.5
2:32:30	509.9	481.2	440.2	463.7	494.0	460.7	490.2	456.4
2:35:00	546.8	510.6	518.6	491.6	538.2	488.7	533.1	535.9
2:37:30	561.1	427.8	533.1	540.6	450.7	539.9	448.1	540.2
2:40:00	558.7	413.5	445.9	517.1	486.9	515.2	484.9	507.5
2:42:30	576.6	466.6	431.7	471.1	484.8	472.4	482.7	514.4
2:45:00	436.6	548.7	216.6	451.9	526.9	449.8	525.3	425.6
2:47:30	499.5	539.0	413.7	469.7	438.0	473.9	435.5	496.6
2:50:00	500.3	464.0	457.9	504.4	446.4	504.1	444.7	500.0
2:52:30	522.3	527.6	220.6	498.5	475.6	499.4	475.4	489.4
2:55:00	557.9	588.8	503.7	552.1	473.5	546.4	464.7	533.8
2:57:30	549.2	559.3	578.7	516.5	494.7	520.8	491.7	437.0
3:00:00	607.7	482.4	626.3	484.1	596.9	490.6	596.1	679.3
3:02:30	553.9	485.0	519.4	543.2	542.3	548.1	542.1	684.2
3:05:00	578.8	444.7	548.6	517.9	550.0	522.0	547.4	788.9
3:07:30	586.3	430.5	561.1	529.7	561.3	534.9	562.7	638.5
3:10:00	568.8	434.8	611.6	536.2	631.6	542.4	591.1	760.4

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TIME hr:min:sec	TC 185	TC 186	TC 187	TC 188	TC 189	TC 190	TC 191	TC 192
0:00:00	81.2	81.3	81.2	81.3	81.1	81.0	81.2	81.4
0:05:00	81.2	81.3	81.2	81.3	81.1	81.0	81.2	81.4
0:07:30	81.3	81.4	81.3	81.3	81.2	81.1	81.3	81.3
0:10:00	81.6	81.5	81.6	81.5	81.4	81.2	81.6	81.5
0:12:30	82.3	82.0	82.3	82.0	82.0	81.6	82.0	81.9
0:15:00	82.9	83.0	83.4	82.8	83.5	82.3	82.8	82.6
0:17:30	84.8	84.5	84.8	84.0	85.0	83.5	83.9	83.8
0:20:00	87.1	86.4	86.3	85.4	86.7	84.8	85.1	85.1
0:22:30	88.0	88.6	88.0	87.0	88.5	86.3	86.3	86.6
0:25:00	89.8	91.3	89.8	88.7	90.6	87.8	87.8	88.2
0:27:30	91.7	94.2	91.7	90.6	92.6	89.3	89.2	89.7
0:30:00	98.2	97.5	94.1	92.6	94.8	90.9	90.8	91.4
0:32:30	96.6	100.9	96.6	94.5	97.1	92.5	92.2	93.1
0:35:00	99.8	104.9	99.6	96.8	99.7	94.1	93.8	94.8
0:37:30	110.2	110.2	103.6	99.4	102.8	96.0	95.4	96.8
0:40:00	109.4	122.6	109.2	103.2	107.5	98.2	97.3	99.1
0:42:30	117.7	139.5	117.5	109.7	115.8	101.3	100.1	102.3
0:45:00	137.6	144.2	137.4	127.2	129.7	106.6	104.7	107.8
0:47:30	142.9	145.6	146.3	145.4	146.2	131.0	133.7	132.4
0:50:00	145.5	146.0	147.2	147.0	147.3	147.3	146.1	148.8
0:52:30	148.1	146.2	147.6	147.4	147.5	147.8	149.0	149.4
0:55:00	148.6	146.6	147.9	147.7	147.8	148.1	149.8	149.9
0:57:30	149.2	147.1	148.3	148.0	148.2	148.8	149.9	150.6
1:00:00	149.9	147.7	148.7	148.4	148.5	149.2	150.0	151.1
1:02:30	150.8	148.5	149.3	148.8	149.0	149.6	150.1	151.7
1:05:00	152.0	149.5	150.2	149.5	149.6	150.1	150.4	152.5
1:07:30	153.3	150.7	151.3	150.4	150.3	150.7	150.9	153.4
1:10:00	154.8	151.9	152.5	151.4	151.1	151.5	151.5	154.5
1:12:30	156.3	153.3	153.9	152.5	152.1	152.3	152.4	155.7
1:15:00	158.1	154.9	155.4	153.9	153.3	153.4	153.5	157.3
1:17:30	159.7	156.5	156.9	155.2	154.5	154.5	154.7	159.0
1:20:00	161.4	158.2	158.5	156.6	155.9	155.8	156.2	160.7
1:22:30	160.9	159.8	159.9	158.0	157.3	157.0	157.6	162.1
1:25:00	164.7	161.6	161.7	159.6	158.7	158.6	159.0	163.8
1:27:30	166.9	163.6	163.6	161.3	160.3	160.1	160.6	165.5
1:30:00	168.9	165.5	165.5	163.0	161.9	161.6	162.2	167.3
1:32:30	171.2	167.2	167.3	164.8	163.4	163.3	164.0	169.3
1:35:00	173.8	169.5	169.8	166.9	164.9	164.8	165.7	171.2
1:37:30	177.6	172.1	173.1	169.4	166.8	166.5	167.4	172.5
1:40:00	182.9	175.7	177.1	172.5	168.9	168.5	169.5	174.5
1:42:30	205.8	180.5	182.6	176.6	171.3	170.5	172.0	176.5
1:45:00	223.4	210.1	192.1	181.9	174.9	173.3	175.5	178.9

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TIME hr:min:sec	TC 185	TC 186	TC 187	TC 188	TC 189	TC 190	TC 191	TC 192
1:47:30	232.2	221.5	229.9	190.4	180.3	176.8	180.3	181.8
1:50:00	227.1	229.0	244.8	228.3	191.5	182.0	187.1	185.2
1:52:30	233.7	239.8	261.1	237.9	230.3	197.8	196.9	189.7
1:55:00	277.1	254.6	276.5	247.9	243.4	226.1	226.0	195.8
1:57:30	289.8	269.7	288.9	261.8	259.6	231.9	256.8	229.8
2:00:00	296.8	286.0	295.8	276.5	276.1	240.3	271.8	240.8
2:02:30	305.5	300.3	304.3	290.7	291.5	248.5	284.2	249.5
2:05:00	317.7	307.9	316.1	303.2	303.1	261.2	289.4	262.6
2:07:30	333.8	315.1	331.7	312.1	306.7	278.6	295.7	280.1
2:10:00	348.6	330.6	346.5	320.7	315.8	297.6	307.1	299.1
2:12:30	363.4	349.4	361.9	333.8	332.1	315.2	320.7	316.8
2:15:00	381.3	366.3	380.4	350.6	348.8	320.1	335.1	321.5
2:17:30	398.4	383.3	397.6	367.6	361.8	331.7	348.1	333.3
2:20:00	418.5	397.8	417.6	411.6	376.3	352.1	362.1	358.0
2:22:30	441.2	394.4	440.8	413.6	405.6	371.4	378.9	373.2
2:25:00	464.3	407.3	454.8	449.9	430.3	391.5	405.8	393.1
2:27:30	457.2	436.3	459.3	477.7	453.6	414.1	426.7	419.2
2:30:00	434.0	441.9	435.1	513.0	479.2	453.3	436.9	459.6
2:32:30	498.1	454.3	423.1	539.7	435.7	465.5	426.2	464.6
2:35:00	443.2	532.6	439.7	406.0	472.3	491.4	464.9	491.2
2:37:30	518.6	536.9	475.6	440.8	469.5	480.0	477.6	479.7
2:40:00	462.3	503.0	460.5	422.6	417.0	480.2	501.3	479.0
2:42:30	462.6	511.0	461.7	436.0	418.4	491.6	492.9	491.2
2:45:00	487.6	423.6	485.0	411.1	447.3	521.0	509.3	518.9
2:47:30	492.3	496.0	527.2	440.1	437.2	550.0	585.4	548.2
2:50:00	437.2	498.2	429.7	410.9	447.7	460.8	432.9	461.7
2:52:30	472.2	481.5	487.7	474.0	434.4	480.3	571.6	478.4
2:55:00	514.7	529.7	510.6	487.6	502.1	499.8	532.8	502.3
2:57:30	520.2	433.4	512.3	434.7	463.4	496.4	488.7	490.8
3:00:00	556.0	518.1	544.7	437.3	544.9	501.8	515.3	496.2
3:02:30	557.5	542.2	641.7	438.9	528.2	529.8	544.4	525.0
3:05:00	598.2	631.4	596.2	543.4	536.9	543.8	541.7	538.0
3:07:30	532.9	559.9	531.0	459.5	527.5	503.9	560.6	498.5
3:10:00	596.8	602.6	567.3	569.7	543.8	567.1	583.3	559.7

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TIME hr:min:sec	TC 193	TC 194	TC 195	TC 196	TC 197	TC 198	TC 199	TC 200
0:00:00	80.9	81.2	81.1	81.3	79.1	81.3	77.2	82.7
0:05:00	80.9	81.2	81.1	81.3	79.1	81.3	77.2	82.7
0:07:30	81.0	81.2	81.2	81.3	79.1	81.5	77.2	82.6
0:10:00	81.3	81.4	81.4	81.4	79.4	82.4	77.5	82.6
0:12:30	81.4	81.6	82.4	81.6	80.6	85.1	78.4	82.6
0:15:00	81.7	82.0	84.0	82.0	82.7	89.6	78.7	82.6
0:17:30	83.1	82.8	86.8	82.8	85.8	94.7	77.6	82.6
0:20:00	83.0	83.8	90.7	83.7	90.1	100.2	77.6	82.5
0:22:30	85.6	84.9	95.3	84.8	95.2	106.1	78.5	82.5
0:25:00	87.3	86.3	99.9	86.1	100.2	111.7	80.0	82.6
0:27:30	89.0	87.6	103.8	87.5	104.6	116.6	81.2	82.7
0:30:00	90.8	89.1	107.2	88.9	108.3	121.0	82.6	82.7
0:32:30	91.6	90.5	110.5	90.2	111.8	125.1	83.2	82.8
0:35:00	94.1	92.0	114.0	91.6	115.5	130.4	83.6	82.8
0:37:30	95.7	93.5	118.2	93.0	119.8	137.7	83.5	83.0
0:40:00	97.7	95.2	131.6	94.5	133.5	143.5	83.2	83.2
0:42:30	100.6	97.3	143.8	96.4	145.7	145.4	83.1	83.5
0:45:00	105.3	99.9	146.2	98.8	148.0	146.3	82.9	83.8
0:47:30	119.3	103.6	147.0	102.3	148.6	147.0	82.7	84.1
0:50:00	143.6	138.3	147.6	136.4	148.7	147.4	82.5	84.6
0:52:30	151.9	151.3	148.4	148.3	148.8	148.1	82.0	85.2
0:55:00	154.5	155.9	149.9	151.6	148.7	149.0	81.5	86.4
0:57:30	157.7	159.0	152.2	152.8	148.1	150.2	80.1	89.1
1:00:00	162.1	162.9	156.0	154.4	147.1	152.3	77.0	93.6
1:02:30	167.8	168.2	160.4	157.1	145.1	155.6	71.4	100.0
1:05:00	171.7	172.7	166.3	160.6	142.5	159.8	63.8	108.4
1:07:30	175.9	176.5	170.5	164.5	139.5	164.6	55.8	117.3
1:10:00	179.7	180.3	176.4	168.6	136.0	170.2	46.2	126.6
1:12:30	183.5	184.0	181.4	173.5	131.4	176.8	35.3	136.6
1:15:00	186.6	187.5	186.6	181.8	124.3	184.9	22.5	146.5
1:17:30	189.5	190.1	189.8	184.5	121.4	192.6	10.3	156.8
1:20:00	192.5	193.1	194.2	187.7	119.7	199.7	0.4	166.1
1:22:30	195.9	196.4	199.6	191.6	117.5	207.5	-8.5	173.9
1:25:00	198.8	199.5	205.7	195.6	116.6	215.5	-16.1	181.0
1:27:30	201.5	202.2	212.6	199.1	116.8	223.7	-22.9	187.7
1:30:00	204.0	204.7	219.6	202.2	118.0	232.7	-29.3	193.7
1:32:30	205.8	206.5	226.7	204.9	120.1	243.3	-34.0	198.6
1:35:00	207.4	207.8	234.9	206.7	125.2	256.4	-37.3	202.0
1:37:30	208.2	208.6	243.6	207.9	132.0	271.3	-39.4	204.3
1:40:00	209.9	209.3	253.4	208.7	140.4	286.7	-40.9	205.7
1:42:30	209.8	209.8	268.2	209.1	154.2	305.1	-42.2	206.7
1:45:00	213.7	210.2	283.7	209.6	168.9	317.0	-42.8	207.5

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TIME hr:min:sec	TC 193	TC 194	TC 195	TC 196	TC 197	TC 198	TC 199	TC 200
1:47:30	211.3	210.9	300.5	210.1	185.0	328.5	-43.9	208.2
1:50:00	212.5	211.4	317.4	210.6	201.2	350.2	-44.5	208.7
1:52:30	214.1	212.3	331.1	211.5	218.5	388.5	-44.9	209.1
1:55:00	242.7	213.7	347.6	213.0	230.1	404.1		209.4
1:57:30	257.2	215.6	364.0	215.0	251.9	423.6	207.6	209.9
2:00:00	271.7	218.6	390.7	218.0	283.2	447.3	207.5	210.1
2:02:30	284.0	223.5	417.3	222.7	309.5	466.7	207.8	210.5
2:05:00	233.9	228.7	443.6	227.9	336.5	484.2	208.1	210.8
2:07:30	296.3	233.3	469.8	232.3	361.0	503.9	208.1	211.1
2:10:00	308.1	240.9	495.7	239.6	388.2	524.0	208.3	211.5
2:12:30	322.0	248.5	478.9	246.9	368.4	543.5	208.6	211.7
2:15:00	266.0	256.7	421.6	255.0	324.4	394.6	208.4	211.9
2:17:30	275.7	266.5	436.0	264.7	328.1	421.7	208.4	211.8
2:20:00	289.3	278.6	454.9	276.6	347.5	391.5	208.0	212.0
2:22:30	305.1	292.8	439.0	290.3	328.6	414.9	207.7	212.0
2:25:00	319.6	307.1	440.5	304.1	333.7	444.1	207.5	212.2
2:27:30	327.5	316.2	463.0	312.6	355.5	461.8	207.4	212.3
2:30:00	433.1	321.9	479.6	317.7	376.5	472.8	207.1	212.5
2:32:30	360.4	336.9	482.4	332.0	377.1	505.7	206.7	212.7
2:35:00	463.0	360.5	535.5	355.0	427.9	555.6	206.2	212.9
2:37:30	426.7	386.7	484.1	381.1	372.5	427.0	207.2	213.4
2:40:00	404.3	404.7	508.1	398.4	390.7	462.5	207.6	213.9
2:42:30	429.0	423.2	526.4	416.7	410.2	470.1	208.4	215.3
2:45:00	509.0	444.0	493.6	436.8	377.2	443.8	209.5	216.5
2:47:30	462.0	455.5	478.8	448.5	356.7	466.5	211.1	216.8
2:50:00	442.7	493.9	519.3	486.8	396.9	514.9	212.6	217.4
2:52:30	498.1	487.3	528.6	489.6	407.7	504.7	215.2	218.8
2:55:00	542.0	477.1	550.4	487.9	429.7	523.4	217.8	220.8
2:57:30	506.4	457.7	612.9	454.7	476.7	629.7	220.3	222.8
3:00:00	556.6	493.5	588.7	487.7	463.6	645.5	222.7	225.0
3:02:30	652.2	574.1	494.3	558.5	365.6	508.6	225.0	226.9
3:05:00	581.3	521.7	551.1	514.1	421.3	529.8	226.7	228.4
3:07:30	577.4	529.1	545.8	524.5	415.2	571.8	228.6	230.0
3:10:00	571.7	509.1	513.3	502.1	378.5	556.2	231.0	232.4

FLORIDA POWER CORPORATION  
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## TEMPERATURES, °F

TIME hr:min:sec	TC 201	TC 202	TC 203	TC 204	TC 205	TC 206	TC 207	TC 208
0:00:00	82.6	82.6	82.6	82.4	82.0	82.0	82.0	82.2
0:05:00	82.6	82.6	82.6	82.4	82.1	82.0	82.0	82.2
0:07:30	82.6	82.6	82.6	82.4	82.1	82.0	82.0	82.2
0:10:00	82.6	82.6	82.6	82.4	82.2	82.1	82.1	82.1
0:12:30	82.6	82.6	82.6	82.4	82.2	82.1	82.1	82.2
0:15:00	82.5	82.6	82.6	82.4	82.0	81.9	81.9	82.2
0:17:30	82.6	82.6	82.6	82.5	81.2	81.2	81.2	82.2
0:20:00	82.5	82.6	82.6	82.4	80.9	80.9	80.9	82.2
0:22:30	82.5	82.5	82.6	82.5	81.1	81.1	81.1	82.2
0:25:00	82.6	82.7	82.7	82.6	81.7	81.6	81.7	82.3
0:27:30	82.6	82.7	82.7	82.6	82.2	82.1	82.1	82.4
0:30:00	82.7	82.8	82.8	82.8	82.8	82.7	82.7	82.4
0:32:30	82.8	82.9	83.0	82.9	83.2	83.1	83.1	82.6
0:35:00	82.9	83.0	83.1	83.1	83.6	83.5	83.4	82.7
0:37:30	83.1	83.2	83.3	83.4	83.8	83.6	83.5	82.9
0:40:00	83.2	83.4	83.6	83.7	83.9	83.7	83.6	83.1
0:42:30	83.5	83.8	84.0	84.1	84.2	84.0	83.9	83.4
0:45:00	83.7	84.0	84.4	84.6	84.5	84.4	84.1	83.8
0:47:30	84.1	84.5	84.8	85.3	85.1	84.9	84.6	84.2
0:50:00	84.6	85.1	85.5	86.1	85.8	85.6	85.2	84.7
0:52:30	85.3	85.9	86.6	87.1	86.8	86.5	86.0	85.4
0:55:00	87.1	89.0	89.1	89.6	88.6	87.9	87.1	86.3
0:57:30	91.6	94.6	95.8	95.0	91.7	90.1	88.9	87.6
1:00:00	98.3	102.7	103.3	100.7	95.9	93.1	91.1	89.3
1:02:30	106.2	113.8	111.6	108.0	100.3	96.4	93.6	91.3
1:05:00	115.8	126.1	122.3	113.6	105.4	100.3	96.8	93.7
1:07:30	126.6	137.5	131.9	120.4	110.0	104.3	100.5	96.8
1:10:00	136.9	148.2	141.1	127.4	115.2	108.9	104.7	100.4
1:12:30	147.0	157.2	150.2	134.8	121.6	113.8	108.9	103.8
1:15:00	153.7	164.5	157.9	142.4	128.3	119.9	113.7	107.2
1:17:30	162.1	172.3	164.5	150.0	134.7	126.1	118.8	110.6
1:20:00	170.1	179.4	172.8	158.8	140.6	132.3	124.1	114.8
1:22:30	177.6	186.4	180.4	167.6	146.8	136.4	128.6	113.7
1:25:00	184.7	191.8	187.4	177.5	153.8	140.8	132.6	122.2
1:27:30	191.5	197.3	194.1	186.9	161.9	146.5	137.7	126.9
1:30:00	197.5	202.6	200.2	195.7	177.4	153.8	143.7	131.5
1:32:30	202.6	206.5	205.2	201.7	195.7	160.2	147.7	135.5
1:35:00	206.8	209.1	208.2	205.1	204.0	192.1	156.3	140.3
1:37:30	209.4	210.6	210.1	207.8	206.9	206.0	194.4	146.7
1:40:00	210.5	211.3	211.1	209.2	208.4	208.3	208.0	199.1
1:42:30	210.8	212.2	211.2	210.4	209.1	209.0	209.1	208.7
1:45:00	211.4	212.6	211.7	210.9	209.7	209.6	209.6	209.4

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## TEMPERATURES, °F

TIME hr:min:sec	TC 201	TC 202	TC 203	TC 204	TC 205	TC 206	TC 207	TC 208
1:47:30	211.8	213.0	211.6	211.4	210.0	209.9	210.0	209.8
1:50:00	212.1	212.9	211.8	211.6	210.1	210.1	210.1	210.0
1:52:30	212.5	213.5	211.9	211.9	210.2	210.2	210.2	210.1
1:55:00	212.6	213.6	211.9	212.1	210.2	210.2	210.1	210.1
1:57:30	212.8	213.9	211.9	212.2	210.2	210.2	210.1	210.1
2:00:00	212.8	213.6	212.0	212.3	210.1	210.2	210.0	210.1
2:02:30	212.9	213.5	212.2	212.2	210.1	210.2	209.8	210.0
2:05:00	213.1	213.3	212.3	212.5	210.1	210.1	209.7	209.9
2:07:30	213.2	213.2	212.3	212.9	210.2	210.0	209.6	209.7
2:10:00	213.3	213.1	212.5	213.2	210.3	209.9	209.4	209.5
2:12:30	213.3	213.1	212.6	213.3	210.3	209.8	209.3	209.3
2:15:00	213.3	212.8	212.7	213.6	210.5	209.5	209.1	209.1
2:17:30	213.1	212.5	212.8	213.8	210.9	209.4	208.9	208.9
2:20:00	213.0	212.3	212.9	214.1	211.4	209.5	208.4	208.6
2:22:30	212.7	212.3	213.1	214.4	212.0	209.8	208.4	208.4
2:25:00	212.5	212.2	213.2	214.6	212.8	210.1	209.1	208.3
2:27:30	212.4	212.2	213.4	214.9	213.6	211.1	209.1	208.2
2:30:00	212.3	212.5	213.9	215.5	214.5	212.3	209.6	208.3
2:32:30	212.5	212.6	214.4	216.0	215.2	213.5	210.2	208.1
2:35:00	212.7	212.8	215.1	216.7	216.0	214.6	211.5	208.0
2:37:30	213.0	213.3	215.7	217.0	217.1	216.0	213.3	208.4
2:40:00	213.5	213.9	216.2	217.6	218.0	217.4	215.1	209.3
2:42:30	213.9	214.7	217.0	218.4	219.0	218.4	218.8	211.2
2:45:00	214.7	215.8	218.0	219.2	219.9	219.6	218.1	213.7
2:47:30	216.1	217.2	219.2	220.1	221.2	221.0	219.6	216.6
2:50:00	216.8	217.6	220.5	221.0	222.3	222.4	221.4	219.5
2:52:30	218.3	219.2	221.6	222.6	224.1	224.2	223.3	221.8
2:55:00	219.9	220.9	223.2	224.1	225.6	226.0	225.2	223.8
2:57:30	221.6	222.8	225.2	225.6	227.2	228.0	227.2	226.0
3:00:00	223.7	224.8	227.1	227.5	229.0	230.1	229.2	228.3
3:02:30	225.1	226.9	228.8	229.4	230.9	232.1	231.5	230.7
3:05:00	226.8	228.9	231.3	231.2	233.0	234.4	233.6	233.0
3:07:30	228.2	230.2	233.3	232.7	235.1	236.9	236.4	235.4
3:10:00	230.1	232.5	235.2	234.5	237.7	239.4	239.1	238.0

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## TEMPERATURES, °F

TIME hr:min:sec	TC 209	TC 210	TC 211	TC 212	TC 213	TC 214	TC 215	TC 216
0:00:00	82.2	82.1	81.6	82.0	81.6	82.0	82.3	82.4
0:05:00	82.2	82.0	81.7	81.9	81.6	82.0	82.3	82.3
0:07:30	82.2	82.0	81.6	81.9	81.6	82.0	82.2	82.3
0:10:00	82.1	82.0	81.7	81.9	81.6	81.9	82.2	82.3
0:12:30	82.2	82.0	81.7	81.9	81.7	82.0	82.2	82.3
0:15:00	82.2	82.0	81.5	81.9	81.5	82.0	82.2	82.3
0:17:30	82.1	82.0	80.7	81.9	80.7	82.0	82.2	82.3
0:20:00	82.2	82.0	80.5	81.9	80.5	82.0	82.3	82.4
0:22:30	82.2	82.0	80.6	81.9	80.6	82.0	82.2	82.4
0:25:00	82.3	82.0	81.1	81.9	81.2	82.0	82.4	82.4
0:27:30	82.3	82.0	81.6	82.0	81.6	82.1	82.4	82.5
0:30:00	82.4	82.0	82.0	82.0	82.0	82.1	82.4	82.6
0:32:30	82.5	82.2	82.3	82.0	82.4	82.2	82.6	82.8
0:35:00	82.7	82.3	82.6	82.1	82.7	82.3	82.7	83.1
0:37:30	82.8	82.5	82.7	82.3	82.7	82.4	82.9	83.3
0:40:00	82.9	82.6	82.6	82.4	82.6	82.6	83.1	83.5
0:42:30	83.3	82.8	82.7	82.6	82.8	82.8	83.3	84.0
0:45:00	83.6	83.2	82.8	82.8	82.8	83.1	83.6	84.4
0:47:30	83.9	83.4	83.1	83.0	83.1	83.3	84.0	84.8
0:50:00	84.4	83.8	83.4	83.3	83.3	83.7	84.4	85.3
0:52:30	84.9	84.2	83.6	83.6	83.6	84.1	84.8	85.9
0:55:00	85.6	84.8	84.1	84.0	84.1	84.5	85.4	86.5
0:57:30	86.5	85.5	84.8	84.5	84.7	85.0	85.9	87.1
1:00:00	87.9	86.5	85.4	85.1	85.1	85.5	86.5	87.8
1:02:30	89.3	87.8	86.3	85.8	85.8	86.2	87.2	88.6
1:05:00	91.3	89.4	87.6	87.0	86.7	87.1	88.1	89.8
1:07:30	93.5	91.5	89.3	88.2	87.8	88.2	89.2	91.1
1:10:00	96.5	93.9	91.7	89.8	89.2	89.4	90.2	92.5
1:12:30	99.8	96.6	93.4	91.8	91.1	91.2	91.9	94.4
1:15:00	102.8	99.4	96.2	93.9	93.0	93.0	93.7	96.5
1:17:30	107.5	102.7	99.3	96.5	95.4	95.3	96.0	99.1
1:20:00	111.2	106.3	102.4	99.0	98.0	97.8	98.5	102.0
1:22:30	114.2	109.6	105.7	102.0	100.8	100.5	101.4	105.1
1:25:00	118.0	113.9	109.2	105.0	103.7	103.4	104.2	107.6
1:27:30	121.9	116.1	111.7	108.0	106.6	106.5	107.2	110.6
1:30:00	126.2	120.4	115.7	110.9	109.6	109.5	110.4	113.8
1:32:30	129.9	123.6	119.2	114.2	112.8	112.7	113.7	117.3
1:35:00	133.1	127.6	123.2	118.3	116.2	115.9	117.3	120.5
1:37:30	138.4	131.8	126.9	121.8	119.6	119.5	121.1	124.2
1:40:00	142.7	135.8	131.0	125.8	122.9	123.2	124.6	127.7
1:42:30	199.0	141.1	134.7	129.4	126.3	126.5	127.9	130.3
1:45:00	209.4	205.6	142.7	133.4	130.3	130.3	131.9	134.3

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## TEMPERATURES, °F

TIME hr:min:sec	TC 209	TC 210	TC 211	TC 212	TC 213	TC 214	TC 215	TC 216
1:47:30	210.2	209.3	208.8	140.9	134.8	134.2	135.7	138.8
1:50:00	210.6	209.7	208.8	208.4	145.9	138.7	138.8	140.8
1:52:30	210.8	209.9	209.0	209.5	208.7	157.0	144.1	144.1
1:55:00	210.7	209.9	209.1	209.8	209.4	209.4	182.6	152.0
1:57:30	210.7	210.0	209.3	209.8	209.4	209.9	209.4	208.2
2:00:00	210.6	210.1	209.3	209.9	209.4	210.0	209.5	209.0
2:02:30	210.6	210.2	209.3	210.0	209.4	210.1	209.7	209.2
2:05:00	210.4	210.1	209.2	209.8	209.3	210.1	209.8	209.4
2:07:30	210.4	210.0	209.1	209.7	209.2	210.0	209.4	209.2
2:10:00	210.1	210.0	209.0	209.6	209.1	209.8	209.3	209.2
2:12:30	209.8	209.8	208.8	209.4	208.9	209.7	209.2	209.2
2:15:00	209.6	209.4	208.5	209.2	208.8	209.5	209.0	208.9
2:17:30	209.4	208.6	208.1	208.7	208.3	209.1	208.7	208.5
2:20:00	209.1	207.6	207.7	208.3	207.9	208.7	208.3	208.1
2:22:30	209.1	207.5	207.3	207.8	207.2	208.0	207.7	207.4
2:25:00	209.0	207.5	207.0	207.6	207.0	207.7	207.5	207.0
2:27:30	208.9	208.1	207.1	207.6	206.9	207.4	207.3	206.9
2:30:00	208.9	208.5	207.2	207.7	207.1	207.5	207.5	207.0
2:32:30	208.7	208.1	206.8	207.5	207.0	207.4	207.3	206.9
2:35:00	208.2	208.2	206.5	207.2	206.8	207.0	207.0	206.4
2:37:30	207.7	208.4	206.3	207.0	206.4	206.3	206.4	205.6
2:40:00	208.5	209.1	205.7	207.0	206.4	205.6	206.0	205.4
2:42:30	210.2	210.1	206.3	207.2	206.1	205.4	206.0	205.0
2:45:00	212.8	211.9	207.7	208.5	206.0	205.9	206.0	205.2
2:47:30	215.3	213.6	209.2	209.0	206.4	206.5	206.6	205.2
2:50:00	217.9	215.8	211.4	209.7	207.4	208.0	207.0	206.1
2:52:30	220.2	218.0	214.4	211.8	208.3	209.5	208.1	207.7
2:55:00	222.2	220.1	216.8	214.5	210.1	211.9	210.1	209.9
2:57:30	224.2	222.7	219.2	217.2	213.1	214.3	212.2	212.5
3:00:00	226.6	224.9	221.7	219.8	216.0	217.8	215.1	215.7
3:02:30	228.2	226.4	223.4	221.9	218.4	219.6	218.0	219.0
3:05:00	230.1	228.6	225.5	224.0	220.8	222.9	220.9	221.9
3:07:30	232.4	230.6	227.6	226.1	222.6	223.9	222.7	223.5
3:10:00	234.7	232.9	229.8	227.4	224.3	225.2	224.9	226.2

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## TEMPERATURES, °F

TIME hr:min:sec	TC 217	TC 218	TC 219	TC 220	TC 221	TC 222	TC 223	TC 224
0:00:00	82.2	83.4	80.6	82.6	82.5	82.4	82.0	82.2
0:05:00	82.2	83.4	80.5	82.5	82.4	82.3	82.0	82.1
0:07:30	82.1	83.5	80.7	82.6	82.4	82.3	82.0	82.1
0:10:00	82.1	83.6	81.1	82.4	82.4	82.3	82.0	82.0
0:12:30	82.2	83.3	81.8	82.5	82.4	82.3	82.0	82.1
0:15:00	82.2	83.2	82.3	82.5	82.4	82.3	81.9	82.1
0:17:30	82.1	83.1	82.6	82.4	82.4	82.2	81.1	82.1
0:20:00	82.3	83.3	83.2	82.4	82.4	82.3	80.9	82.1
0:22:30	82.2	83.7	83.6	82.4	82.4	82.2	81.1	82.1
0:25:00	82.4	84.2	83.9	82.5	82.4	82.3	81.6	82.2
0:27:30	82.4	84.9	84.7	82.6	82.5	82.3	82.0	82.2
0:30:00	82.6	85.8	85.1	82.6	82.5	82.4	82.4	82.2
0:32:30	82.8	86.9	85.5	82.8	82.6	82.4	82.8	82.3
0:35:00	83.0	88.0	85.7	83.0	82.7	82.5	83.1	82.4
0:37:30	83.3	89.3	86.3	83.2	82.9	82.7	83.1	82.5
0:40:00	83.7	91.0	87.0	83.5	83.0	82.8	83.1	82.6
0:42:30	84.4	93.3	87.6	84.0	83.3	83.0	83.2	82.8
0:45:00	85.2	96.9	88.4	84.7	83.6	83.2	83.4	83.1
0:47:30	86.9	104.3	89.0	86.0	84.3	83.6	83.7	83.3
0:50:00	90.0	112.7	88.6	88.8	85.5	84.3	84.3	83.6
0:52:30	88.9	120.6	88.9	92.3	87.5	85.2	85.1	84.2
0:55:00	97.8	128.1	90.0	96.0	89.9	86.6	86.3	85.0
0:57:30	102.1	136.5	90.7	99.6	92.6	88.3	87.9	86.0
1:00:00	107.2	147.7	90.9	103.3	95.5	90.2	89.5	87.2
1:02:30	113.1	167.0	91.5	107.1	98.6	92.4	91.5	88.8
1:05:00	119.2	189.1	91.3	110.9	101.7	94.9	93.8	90.7
1:07:30	125.6	203.9	91.7	114.7	105.1	97.6	96.5	93.0
1:10:00	134.0	210.8	91.3	118.8	108.9	100.8	99.6	95.6
1:12:30	179.1	216.3	92.6	123.9	113.5	104.6	103.5	98.8
1:15:00	204.8	222.1	93.7	130.9	120.1	109.8	108.8	103.1
1:17:30	210.4	227.2	94.3	139.7	129.2	117.6	117.1	110.1
1:20:00	212.6	229.0	93.8	147.8	138.4	126.5	126.6	119.0
1:22:30	213.3	230.4	94.8	154.5	146.1	135.0	135.6	127.7
1:25:00	213.8	231.2	94.4	160.7	153.1	143.0	143.7	135.8
1:27:30	214.1	232.3	95.2	166.2	159.5	150.5	151.3	143.1
1:30:00	214.4	233.9	96.0	171.8	165.9	157.9	158.7	150.3
1:32:30	214.6	235.2	97.5	178.3	172.2	165.3	166.1	157.3
1:35:00	214.9	236.2	97.1	188.1	178.3	172.7	173.3	164.4
1:37:30	214.9	237.1	97.7	199.9	184.0	180.1	180.0	171.2
1:40:00	215.0	238.4	99.1	207.8	189.0	186.9	186.0	177.3
1:42:30	215.1	239.4	98.5	211.1	193.0	192.8	190.9	182.3
1:45:00	215.2	240.2	98.5	212.6	195.9	199.1	195.4	186.5

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TIME hr:min:sec	TC 217	TC 218	TC 219	TC 220	TC 221	TC 222	TC 223	TC 224
1:47:30	215.3	240.4	98.4	213.3	198.1	207.5	199.7	190.2
1:50:00	215.3	240.9	98.4	213.7	200.5	212.5	203.0	197.7
1:52:30	215.4	241.3	98.0	213.8	210.0	214.1	205.5	215.0
1:55:00	215.5	241.7	98.0	213.9	216.0	214.6	207.6	216.5
1:57:30	215.6	242.5	97.7	214.0	217.1	214.9	210.3	216.7
2:00:00	215.6	242.9	97.4	214.1	217.0	215.3	216.2	216.7
2:02:30	215.7	243.2	97.3	214.2	216.7	215.4	216.5	216.6
2:05:00	215.6	243.2	97.1	214.4	216.3	215.3	216.1	216.3
2:07:30	215.7	243.3	97.2	214.7	216.0	215.3	215.9	216.2
2:10:00	215.7	243.6	96.7	215.1	216.0	215.3	215.8	216.2
2:12:30	215.8	244.1	97.1	215.4	216.0	215.3	215.7	216.1
2:15:00	215.9	244.2	97.4	215.7	216.2	215.3	215.7	216.1
2:17:30	216.1	245.1	97.6	215.9	216.3	215.5	215.7	216.1
2:20:00	216.2	245.6	96.6	216.2	216.3	215.6	215.6	216.2
2:22:30	216.3	245.9	97.7	216.3	216.2	215.6	215.7	216.1
2:25:00	216.4	246.8	98.5	216.5	216.2	215.7	215.7	216.1
2:27:30	216.6	248.4	99.1	216.7	216.2	215.8	215.8	216.1
2:30:00	216.8	249.9	99.7	217.0	216.3	215.9	215.9	216.1
2:32:30	216.9	251.2	100.2	217.2	216.3	215.9	215.8	216.1
2:35:00	217.1	252.6	100.9	217.5	216.3	216.0	215.9	216.1
2:37:30	217.3	254.2	101.2	217.7	216.3	216.0	215.8	216.0
2:40:00	217.5	255.8	101.4	218.2	216.4	216.2	216.0	216.1
2:42:30	217.7	257.4	102.3	218.6	216.5	216.2	216.0	216.1
2:45:00	218.0	259.0	102.6	218.9	216.6	216.3	216.0	216.0
2:47:30	218.2	260.2	102.1	219.2	216.7	216.4	216.0	216.1
2:50:00	218.5	262.0	102.8	219.7	216.9	216.5	216.1	216.1
2:52:30	218.8	264.2	103.1	220.0	217.0	216.6	216.2	216.1
2:55:00	219.2	265.3	102.4	220.4	217.1	216.7	216.2	216.2
2:57:30	219.5	266.8	102.8	220.7	217.2	216.7	216.2	216.1
3:00:00	219.8	268.2	102.6	221.1	217.3	216.7	216.1	216.0
3:02:30	220.1	269.7	103.5	221.5	217.4	216.8	216.1	216.1
3:05:00	220.6	271.7	103.4	221.8	217.5	216.8	216.2	216.1
3:07:30	220.9	273.4	103.6	222.2	217.6	216.9	216.2	216.1
3:10:00	221.5	275.2	104.1	222.5	217.7	216.9	216.2	216.1

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TIME hr:min:sec	TC 225	TC 226	TC 227	TC 228	TC 229	TC 230	TC 231	TC 232
0:00:00	82.2	82.0	82.0	81.9	81.9	82.0	81.9	81.7
0:05:00	82.1	82.0	82.0	81.8	81.8	81.9	81.8	81.6
0:07:30	82.1	82.0	82.0	81.7	81.8	81.8	81.8	81.6
0:10:00	82.1	81.9	82.0	81.7	81.7	81.8	81.7	81.6
0:12:30	82.1	82.0	82.0	81.8	81.8	81.8	81.8	81.6
0:15:00	82.2	82.0	82.0	81.8	81.8	81.9	81.8	81.6
0:17:30	82.1	81.9	82.0	81.7	81.7	81.8	81.7	81.6
0:20:00	82.2	82.0	82.0	81.8	81.8	81.8	81.8	81.6
0:22:30	82.1	81.9	82.0	81.8	81.8	81.8	81.7	81.6
0:25:00	82.2	82.0	82.0	81.8	81.8	81.8	81.8	81.6
0:27:30	82.2	82.0	82.1	81.9	81.9	81.9	81.8	81.7
0:30:00	82.2	82.0	82.1	81.9	81.9	81.8	81.8	81.6
0:32:30	82.3	82.1	82.2	82.0	81.9	81.9	81.8	81.7
0:35:00	82.4	82.2	82.3	82.0	82.0	81.9	81.9	81.8
0:37:30	82.5	82.3	82.4	82.1	82.1	82.0	82.0	81.9
0:40:00	82.6	82.4	82.5	82.3	82.1	82.0	82.0	81.9
0:42:30	82.8	82.6	82.7	82.4	82.3	82.2	82.2	82.0
0:45:00	83.0	82.8	82.9	82.7	82.5	82.3	82.3	82.2
0:47:30	83.2	83.0	83.1	82.8	82.7	82.4	82.4	82.4
0:50:00	83.5	83.3	83.4	83.1	82.8	82.6	82.6	82.5
0:52:30	83.9	83.6	83.7	83.4	83.1	82.9	82.8	82.8
0:55:00	84.4	84.1	84.1	83.7	83.5	83.2	83.2	83.1
0:57:30	85.2	84.8	84.7	84.1	83.9	83.6	83.6	83.5
1:00:00	86.1	85.7	85.4	84.8	84.4	84.0	84.0	83.8
1:02:30	87.5	87.1	86.6	85.9	85.2	84.8	84.5	84.4
1:05:00	89.1	88.9	88.3	87.6	86.3	86.0	85.5	85.0
1:07:30	91.3	91.4	90.5	89.8	87.7	87.5	86.6	85.8
1:10:00	93.8	94.6	93.5	92.5	89.8	89.3	88.0	86.8
1:12:30	96.9	98.7	97.4	95.7	92.5	91.4	89.8	88.0
1:15:00	101.0	103.7	102.0	99.3	95.8	93.8	91.8	89.4
1:17:30	107.7	111.6	108.1	103.5	99.7	96.7	94.4	91.3
1:20:00	117.1	122.0	116.5	108.2	104.1	99.9	97.3	93.9
1:22:30	126.7	132.7	126.7	113.9	109.2	104.3	101.2	97.4
1:25:00	135.7	143.1	137.5	120.7	114.9	107.7	104.2	100.0
1:27:30	144.3	154.6	148.4	129.5	122.0	112.8	108.2	103.2
1:30:00	152.8	168.7	162.0	142.4	130.6	120.1	113.1	106.7
1:32:30	161.3	181.2	180.9	159.0	140.9	129.0	119.0	110.4
1:35:00	169.5	190.5	194.5	182.5	158.5	141.1	126.3	114.9
1:37:30	177.0	199.3	200.6	196.1	181.6	158.1	136.1	120.7
1:40:00	183.4	205.0	205.3	208.2	200.8	185.9	150.7	128.4
1:42:30	188.2	208.5	208.7	210.5	207.5	205.1	192.9	140.7
1:45:00	208.4	211.1	211.4	212.2	210.1	209.2	209.7	182.8

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## TEMPERATURES, °F

TIME hr:min:sec	TC 225	TC 226	TC 227	TC 228	TC 229	TC 230	TC 231	TC 232
1:47:30	216.6	212.6	212.2	212.7	211.4	211.0	211.2	210.9
1:50:00	216.7	212.9	212.3	212.5	211.9	212.0	211.8	212.9
1:52:30	216.6	213.5	212.5	213.2	212.5	212.5	212.2	213.6
1:55:00	216.4	213.8	212.5	213.3	212.8	212.8	212.3	213.9
1:57:30	216.3	214.2	212.5	213.3	212.9	213.0	212.5	214.1
2:00:00	216.2	214.2	212.6	213.1	213.0	213.3	212.6	214.2
2:02:30	216.1	214.2	212.7	213.1	213.1	213.6	212.8	214.3
2:05:00	215.8	214.0	212.6	213.1	213.2	213.8	212.7	214.2
2:07:30	215.6	213.9	212.7	213.4	213.3	214.0	212.7	214.1
2:10:00	215.6	213.9	212.9	214.0	213.6	214.3	212.8	214.1
2:12:30	215.6	213.8	212.9	214.2	213.7	214.6	212.9	214.1
2:15:00	215.5	213.7	213.0	214.4	215.9	214.9	213.1	214.1
2:17:30	215.5	213.6	213.1	214.8	214.2	215.1	213.4	214.2
2:20:00	215.5	213.5	213.3	214.7	214.3	215.2	213.7	214.4
2:22:30	215.4	213.3	213.4	214.9	214.5	215.2	213.9	214.6
2:25:00	215.3	213.0	213.5	214.9	214.5	215.2	214.1	214.7
2:27:30	215.3	212.8	213.6	215.0	214.6	215.3	214.4	214.9
2:30:00	215.4	212.9	213.8	215.1	214.7	215.3	214.5	215.0
2:32:30	215.3	213.0	213.9	215.1	214.7	215.4	214.7	215.0
2:35:00	215.4	213.3	214.0	215.1	214.8	215.4	214.9	215.1
2:37:30	215.5	213.7	214.1	215.2	214.8	215.5	214.9	215.3
2:40:00	215.6	214.1	214.3	215.3	214.9	215.6	215.1	215.4
2:42:30	215.6	214.4	214.4	215.3	214.9	215.6	215.1	215.5
2:45:00	215.5	214.5	214.5	215.4	215.0	215.7	215.2	215.6
2:47:30	215.5	214.6	214.6	215.4	214.9	215.7	215.2	215.6
2:50:00	215.6	214.8	214.8	215.6	215.0	215.8	215.3	215.8
2:52:30	215.5	214.9	214.7	215.6	215.1	215.8	215.3	215.9
2:55:00	215.6	215.0	214.8	215.7	215.1	215.9	215.4	216.0
2:57:30	215.5	215.1	214.8	215.7	215.1	216.0	215.4	216.1
3:00:00	215.5	215.2	214.8	215.7	215.1	215.9	215.4	216.1
3:02:30	215.4	215.3	214.8	215.7	215.1	215.9	215.4	216.1
3:05:00	215.5	215.4	214.8	215.8	215.2	216.0	215.5	216.2
3:07:30	215.5	215.4	214.9	215.8	215.2	216.0	215.5	216.3
3:10:00	215.5	215.5	214.9	215.8	215.2	216.0	215.5	216.3

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## TEMPERATURES, °F

TIME hr:min:sec	TC 233	TC 234	TC 235	TC 236	TC 237	TC 238	TC 239	TC 240
0:00:00	81.8	81.1	81.6	81.5	81.6	81.7	82.1	82.8
0:05:00	81.6	81.1	81.5	81.4	81.6	81.6	82.0	82.8
0:07:30	81.6	81.2	81.5	81.3	81.6	81.5	82.0	82.9
0:10:00	81.6	81.1	81.4	81.3	81.5	81.5	82.0	82.9
0:12:30	81.6	81.2	81.5	81.4	81.6	81.6	82.1	83.1
0:15:00	81.6	81.0	81.5	81.4	81.6	81.6	82.1	83.3
0:17:30	81.5	80.2	81.5	81.3	81.6	81.6	82.2	83.5
0:20:00	81.6	80.0	81.5	81.4	81.6	81.7	82.3	83.7
0:22:30	81.5	80.1	81.5	81.3	81.6	81.7	82.3	84.0
0:25:00	81.6	80.6	81.5	81.4	81.6	81.8	82.4	84.4
0:27:30	81.6	81.0	81.6	81.5	81.7	81.9	82.6	84.8
0:30:00	81.6	81.5	81.5	81.5	81.7	81.9	82.8	85.3
0:32:30	81.7	81.8	81.6	81.4	81.8	82.1	83.0	85.9
0:35:00	81.8	82.1	81.6	81.6	81.9	82.2	83.2	86.3
0:37:30	81.9	82.0	81.7	81.6	82.0	82.3	83.4	87.0
0:40:00	82.0	82.0	81.7	81.6	82.0	82.4	83.6	87.6
0:42:30	82.1	82.0	81.6	81.8	82.2	82.7	83.9	88.3
0:45:00	82.3	82.0	82.0	82.0	82.4	82.9	84.3	89.2
0:47:30	82.5	82.1	82.2	82.0	82.5	83.1	84.6	90.0
0:50:00	82.7	82.3	82.3	82.3	82.7	83.3	85.0	90.9
0:52:30	83.0	82.5	82.5	82.4	82.9	83.7	85.5	91.9
0:55:00	83.3	82.8	82.7	82.7	83.2	84.0	85.9	92.9
0:57:30	83.8	83.2	83.0	82.9	83.5	84.4	86.5	94.2
1:00:00	84.1	83.5	83.2	83.1	83.6	84.7	86.9	95.1
1:02:30	84.8	83.9	83.6	83.4	84.0	85.1	87.5	96.3
1:05:00	85.4	84.4	84.0	83.8	84.4	85.6	88.1	97.6
1:07:30	86.1	85.1	84.5	84.2	84.8	86.0	88.8	98.9
1:10:00	87.0	85.9	85.1	84.6	85.2	86.5	89.5	100.3
1:12:30	87.9	86.8	85.8	85.2	85.8	87.1	90.2	101.8
1:15:00	89.0	87.8	86.5	85.9	86.3	87.7	90.9	103.2
1:17:30	90.4	89.0	87.5	86.6	87.1	88.4	91.7	104.7
1:20:00	92.1	90.4	88.6	87.5	88.1	89.3	92.7	106.3
1:22:30	94.8	92.5	90.2	88.7	89.4	90.4	93.9	108.5
1:25:00	97.3	94.0	91.4	89.7	90.5	91.3	94.6	110.2
1:27:30	100.3	96.1	92.9	90.9	91.9	92.5	95.9	112.3
1:30:00	103.5	98.4	94.9	92.5	93.7	94.0	97.4	114.6
1:32:30	106.6	100.9	97.0	94.2	95.6	95.6	99.0	117.0
1:35:00	109.7	103.5	99.5	96.1	97.8	97.7	100.7	119.4
1:37:30	113.2	106.3	102.2	98.4	100.2	100.1	102.6	121.8
1:40:00	117.5	109.5	105.2	101.1	103.0	102.8	104.8	124.3
1:42:30	122.6	113.1	108.6	104.2	105.9	105.3	107.0	127.0
1:45:00	138.6	118.4	113.0	107.9	109.3	107.8	109.4	129.4

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TIME hr:min:sec	TC 233	TC 234	TC 235	TC 236	TC 237	TC 238	TC 239	TC 240
1:47:30	186.7	186.3	123.6	113.4	113.9	110.7	111.9	132.4
1:50:00	208.7	199.6	193.7	137.4	122.1	114.8	114.4	135.1
1:52:30	211.8	207.1	199.4	187.5	183.4	125.8	117.7	138.1
1:55:00	212.4	208.7	206.5	195.1	200.5	180.6	140.0	143.4
1:57:30	212.4	211.6	211.9	204.5	206.9	189.0	170.9	177.9
2:00:00	212.5	212.2	212.5	213.3	211.4	194.6	190.9	199.3
2:02:30	212.9	212.2	212.6	213.9	212.5	199.5	208.6	197.0
2:05:00	213.0	212.3	212.6	213.8	212.6	203.0	209.2	204.5
2:07:30	213.0	212.3	212.6	213.7	212.8	208.0	210.4	206.3
2:10:00	213.1	212.4	212.7	213.7	212.9	212.4	211.8	211.5
2:12:30	213.1	212.4	212.8	213.8	212.8	213.0	211.8	211.2
2:15:00	213.2	212.4	212.9	213.8	212.8	213.6	211.9	208.0
2:17:30	213.2	212.5	213.2	214.2	212.9	214.6	212.0	209.9
2:20:00	213.9	212.5	213.5	214.5	212.9	214.6	212.1	211.3
2:22:30	214.8	212.6	213.7	214.8	212.9	214.6	212.1	212.0
2:25:00	215.3	212.7	213.8	215.1	212.9	214.4	212.1	212.2
2:27:30	215.6	212.9	214.0	215.2	213.1	214.4	212.2	212.5
2:30:00	215.7	213.5	214.1	215.3	213.5	214.5	212.2	212.6
2:32:30	215.7	213.6	214.2	215.3	213.9	214.6	212.1	212.9
2:35:00	215.8	213.9	214.2	215.3	214.2	214.9	212.3	213.6
2:37:30	215.9	213.7	214.3	215.4	214.4	215.1	213.4	214.4
2:40:00	216.0	213.9	214.4	215.5	214.6	215.4	214.3	215.2
2:42:30	216.0	214.0	214.4	215.4	214.8	215.6	214.8	216.5
2:45:00	216.1	214.2	214.4	215.5	214.9	215.6	214.9	217.6
2:47:30	216.1	214.4	214.5	215.5	214.9	215.7	215.4	219.2
2:50:00	216.2	214.6	214.5	215.6	215.0	215.9	216.1	221.2
2:52:30	216.3	214.7	214.6	215.6	215.1	216.0	216.5	223.6
2:55:00	216.4	214.9	214.6	215.7	215.2	216.2	217.0	226.4
2:57:30	216.4	215.0	214.6	215.7	215.3	216.4	217.5	230.2
3:00:00	216.3	215.1	214.6	215.7	215.3	216.5	218.0	232.6
3:02:30	216.4	215.2	214.6	215.7	215.4	216.7	218.4	234.7
3:05:00	216.4	215.4	214.7	215.8	215.5	217.0	218.9	236.9
3:07:30	216.5	215.4	214.7	215.8	215.6	217.2	219.4	239.2
3:10:00	216.5	215.5	214.8	215.8	215.6	217.4	219.9	241.5

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## TEMPERATURES, °F

TIME hr:min:sec	TC 241	TC 242	TC 243	TC 244	TC 245	TC 246	TC 247	TC 248
0:00:00	82.6	82.5	82.4	82.3	82.3	82.0	82.1	81.6
0:05:00	82.5	82.4	82.4	82.2	82.2	82.0	82.0	81.5
0:07:30	82.5	82.4	82.4	82.2	82.2	82.0	82.0	81.5
0:10:00	82.5	82.4	82.3	82.1	82.1	81.9	82.0	81.5
0:12:30	82.5	82.4	82.4	82.2	82.2	82.0	82.0	81.6
0:15:00	82.5	82.4	82.4	82.2	82.2	82.0	82.1	81.5
0:17:30	82.4	82.4	82.4	82.2	82.2	82.0	82.0	80.7
0:20:00	82.5	82.5	82.4	82.2	82.2	82.0	82.0	80.6
0:22:30	82.5	82.6	82.5	82.2	82.2	82.0	82.0	80.7
0:25:00	82.6	82.8	82.7	82.3	82.3	82.0	82.1	81.2
0:27:30	82.8	83.1	83.0	82.4	82.3	82.1	82.2	81.6
0:30:00	82.8	83.4	83.2	82.6	82.4	82.1	82.2	82.0
0:32:30	83.1	84.0	83.8	82.8	82.4	82.2	82.3	82.4
0:35:00	83.4	84.5	84.4	83.0	82.6	82.3	82.4	82.7
0:37:30	83.8	85.5	85.2	83.4	82.8	82.5	82.6	82.7
0:40:00	84.4	86.7	86.3	83.8	83.0	82.6	82.7	82.8
0:42:30	85.2	88.6	88.3	84.6	83.3	82.8	82.9	82.8
0:45:00	86.7	94.4	95.2	85.9	83.9	83.2	83.2	82.9
0:47:30	89.1	101.7	102.2	88.5	84.8	83.6	83.6	83.2
0:50:00	92.7	111.2	109.7	91.9	86.5	84.5	84.2	83.7
0:52:30	97.2	122.2	117.1	95.8	86.5	85.8	85.1	84.5
0:55:00	102.4	138.1	126.5	99.9	91.2	87.5	85.3	85.5
0:57:30	109.3	163.7	139.7	104.8	94.4	89.8	88.3	87.1
1:00:00	114.6	170.1	148.4	108.0	96.8	91.6	89.8	88.6
1:02:30	121.3	180.6	158.1	112.4	100.1	94.3	92.0	90.9
1:05:00	129.5	188.1	166.5	117.2	104.0	97.4	94.6	93.6
1:07:30	140.6	194.6	174.1	122.5	108.3	101.0	97.7	96.7
1:10:00	175.2	200.5	180.6	128.5	113.1	105.0	101.3	100.2
1:12:30	200.3	204.9	186.5	135.4	118.5	109.9	105.5	104.3
1:15:00	207.3	207.7	193.6	146.6	127.2	116.8	111.4	110.2
1:17:30	210.5	209.3	199.5	159.5	140.1	128.0	120.8	120.1
1:20:00	212.0	210.4	202.7	167.2	148.9	136.3	131.3	131.4
1:22:30	213.0	211.2	205.0	177.2	156.0	147.4	141.7	142.7
1:25:00	213.4	211.7	206.3	184.9	160.2	152.7	148.0	149.3
1:27:30	213.6	212.0	207.4	192.3	164.9	158.9	155.5	156.7
1:30:00	213.9	212.5	208.6	198.0	170.2	165.2	163.6	164.1
1:32:30	214.2	212.9	209.7	201.0	176.1	172.0	171.9	171.6
1:35:00	214.3	213.2	210.7	204.0	183.2	179.2	179.8	179.1
1:37:30	214.4	213.5	211.5	206.5	197.1	186.2	186.8	186.5
1:40:00	214.5	213.8	212.3	208.7	208.5	192.1	192.9	193.2
1:42:30	214.6	213.9	213.0	210.3	211.5	196.9	197.4	198.2
1:45:00	214.8	214.2	213.6	211.4	212.9	200.1	200.9	201.8

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TIME hr:min:sec	TC 241	TC 242	TC 243	TC 244	TC 245	TC 246	TC 247	TC 248
1:47:30	214.9	214.4	214.0	212.3	213.7	203.9	203.9	204.9
1:50:00	215.1	214.7	214.5	212.7	213.9	206.0	205.4	206.3
1:52:30	215.3	214.9	214.9	213.0	214.0	208.0	207.0	210.0
1:55:00	215.4	215.3	215.3	213.2	214.1	209.3	208.2	213.3
1:57:30	215.6	215.6	215.6	213.4	214.1	210.3	209.4	214.2
2:00:00	215.8	216.0	216.0	213.7	214.2	211.2	212.9	214.4
2:02:30	215.9	216.3	216.6	213.9	214.2	212.8	217.7	214.6
2:05:00	216.0	216.7	217.1	214.0	214.0	214.3	217.1	214.5
2:07:30	216.1	217.1	217.7	214.2	213.6	214.8	216.5	214.4
2:10:00	216.3	217.6	218.4	214.7	213.1	214.7	216.1	214.3
2:12:30	216.4	218.1	219.1	215.2	213.0	215.6	215.8	214.3
2:15:00	216.6	218.6	219.9	215.5	212.9	215.4	215.6	214.3
2:17:30	216.8	219.2	220.5	215.8	212.8	215.2	215.5	214.3
2:20:00	217.0	219.7	221.2	216.2	212.9	215.2	215.4	214.6
2:22:30	217.2	220.3	221.8	216.7	212.9	215.0	215.3	214.7
2:25:00	217.4	220.9	222.5	217.1	212.7	215.0	215.3	215.0
2:27:30	217.6	221.6	223.4	217.6	214.1	215.0	215.3	215.0
2:30:00	217.8	222.1	224.1	217.9	215.0	215.0	215.3	215.0
2:32:30	218.1	222.8	225.0	218.4	215.7	214.8	215.3	215.0
2:35:00	218.4	223.4	225.7	218.8	216.0	215.1	215.2	215.0
2:37:30	218.6	224.1	226.4	219.1	216.4	215.5	215.2	215.0
2:40:00	219.0	224.8	227.2	219.6	216.7	216.1	215.3	215.1
2:42:30	219.4	225.8	228.1	220.0	217.0	216.4	215.4	215.3
2:45:00	219.7	226.3	228.9	220.4	217.3	216.7	215.6	215.5
2:47:30	220.1	227.1	229.9	220.8	217.6	217.0	215.6	215.7
2:50:00	220.5	228.0	230.9	221.3	217.8	217.1	215.7	215.9
2:52:30	220.9	229.0	232.0	221.8	218.1	217.2	215.8	216.0
2:55:00	221.4	230.1	233.1	222.3	218.3	217.3	215.9	216.1
2:57:30	221.8	231.1	234.2	222.8	218.5	217.4	215.9	216.1
3:00:00	222.3	232.1	235.3	223.2	218.6	217.1	215.9	216.1
3:02:30	222.7	233.3	236.5	223.7	218.8	217.2	215.9	216.2
3:05:00	223.4	234.6	237.7	224.3	219.0	217.3	216.0	216.3
3:07:30	224.0	236.2	239.2	224.8	219.2	217.4	216.0	216.4
3:10:00	224.6	237.5	240.3	225.2	219.5	217.5	216.1	216.5

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TIME hr:min:sec	TC 249	TC 250	TC 251	TC 252	TC 253	TC 254	TC 255	TC 256
0:00:00	82.0	82.1	82.0	82.1	82.0	82.0	81.9	81.7
0:05:00	82.0	82.1	82.0	82.0	81.9	82.0	81.8	81.6
0:07:30	82.0	82.1	82.0	82.0	81.9	82.0	81.8	81.6
0:10:00	81.9	82.0	82.0	82.0	81.9	81.9	81.7	81.6
0:12:30	82.0	82.0	82.0	82.0	82.0	82.0	81.9	81.7
0:15:00	82.0	82.1	82.1	82.0	82.0	82.0	81.9	81.5
0:17:30	81.9	82.0	82.0	82.0	81.9	82.0	81.9	80.8
0:20:00	82.0	82.0	82.0	82.0	82.0	82.0	81.9	80.6
0:22:30	82.0	82.0	82.0	82.0	82.0	81.9	81.9	80.8
0:25:00	82.0	82.1	82.1	82.1	82.0	82.0	82.0	81.2
0:27:30	82.1	82.1	82.2	82.1	82.1	82.1	82.0	81.6
0:30:00	82.1	82.2	82.2	82.1	82.1	82.0	82.0	82.0
0:32:30	82.2	82.2	82.3	82.2	82.2	82.1	82.1	82.4
0:35:00	82.3	82.4	82.4	82.3	82.3	82.2	82.2	82.5
0:37:30	82.4	82.5	82.5	82.4	82.4	82.4	82.3	82.5
0:40:00	82.5	82.7	82.6	82.5	82.5	82.4	82.4	82.5
0:42:30	82.7	82.9	82.8	82.6	82.7	82.6	82.6	82.5
0:45:00	82.9	83.2	83.0	82.8	82.9	82.8	82.8	82.6
0:47:30	83.2	83.4	83.3	83.0	83.2	83.1	83.0	82.7
0:50:00	83.5	83.7	83.6	83.3	83.4	83.3	83.3	83.0
0:52:30	84.0	84.2	84.0	83.6	83.8	83.8	83.7	83.2
0:55:00	84.7	84.7	84.4	84.1	84.2	84.2	84.2	83.7
0:57:30	85.7	85.3	85.1	84.6	84.8	84.8	84.8	84.2
1:00:00	86.6	86.0	85.8	85.3	85.2	85.2	85.2	84.6
1:02:30	88.2	87.1	87.1	86.6	86.0	85.9	86.0	85.2
1:05:00	90.2	88.7	89.0	88.5	87.1	86.7	86.8	85.9
1:07:30	92.6	90.8	91.9	91.1	88.5	87.8	87.9	86.8
1:10:00	95.6	93.4	95.7	94.0	90.5	88.9	89.1	87.8
1:12:30	99.2	96.8	100.3	97.6	93.4	90.4	90.7	88.9
1:15:00	103.9	101.0	106.1	101.6	96.7	92.1	92.4	90.2
1:17:30	111.6	106.9	114.0	106.4	100.6	94.6	94.6	92.0
1:20:00	121.8	114.6	126.7	112.0	104.9	97.6	96.9	94.1
1:22:30	133.7	124.6	150.0	120.4	111.0	101.7	100.0	97.0
1:25:00	140.9	131.2	166.8	128.1	115.9	104.8	102.4	99.2
1:27:30	149.3	139.0	181.3	142.2	122.8	109.0	105.8	102.3
1:30:00	157.7	147.2	189.2	161.3	131.9	114.2	110.1	105.9
1:32:30	166.1	156.9	194.8	180.8	154.1	120.1	115.3	110.1
1:35:00	174.5	171.2	200.1	195.2	178.1	127.5	121.8	115.2
1:37:30	182.3	190.2	204.7	202.9	192.6	137.7	130.5	121.6
1:40:00	189.1	202.3	208.2	207.8	204.3	163.5	143.2	130.2
1:42:30	194.3	207.3	210.4	210.5	208.7	208.4	180.1	144.3
1:45:00	198.6	212.2	211.7	212.0	210.8	212.5	194.9	186.1

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TIME hr:min:sec	TC 249	TC 250	TC 251	TC 252	TC 253	TC 254	TC 255	TC 256
1:47:30	210.8	214.2	212.5	213.0	212.1	213.6	211.7	208.5
1:50:00	214.6	214.6	212.9	213.5	212.6	214.0	212.9	213.4
1:52:30	214.9	214.9	213.1	213.7	212.9	214.2	213.4	214.1
1:55:00	214.9	215.0	213.3	214.0	213.2	214.3	213.7	214.3
1:57:30	214.8	215.1	213.4	214.1	213.5	214.4	213.8	214.6
2:00:00	214.7	215.1	213.6	214.2	213.8	214.5	213.9	214.9
2:02:30	214.6	215.1	213.6	214.5	213.9	214.5	213.9	215.4
2:05:00	214.4	215.0	213.6	214.6	214.0	214.5	213.8	215.3
2:07:30	214.2	214.9	213.8	214.6	214.1	214.6	213.8	215.1
2:10:00	214.3	215.0	213.9	214.7	214.3	214.9	213.9	215.2
2:12:30	214.4	214.9	213.9	214.8	214.4	215.2	214.2	215.2
2:15:00	214.5	214.9	214.0	214.9	214.5	215.4	214.6	215.2
2:17:30	214.6	214.9	214.1	215.0	214.6	215.6	214.8	215.3
2:20:00	214.9	215.0	214.2	215.0	214.7	215.7	214.9	215.5
2:22:30	215.1	215.1	214.2	215.1	214.8	215.7	215.0	215.6
2:25:00	215.2	215.3	214.3	215.1	214.8	215.7	215.1	215.7
2:27:30	215.2	215.4	214.4	215.2	214.9	215.8	215.2	215.9
2:30:00	215.3	215.5	214.5	215.3	215.0	215.9	215.4	216.0
2:32:30	215.3	215.5	214.5	215.3	215.0	216.0	215.6	216.0
2:35:00	215.3	215.5	214.6	215.3	215.1	216.0	215.6	216.1
2:37:30	215.3	215.5	214.6	215.4	215.1	216.0	215.7	216.2
2:40:00	215.3	215.6	214.7	215.4	215.3	216.1	215.8	216.3
2:42:30	215.3	215.6	214.7	215.5	215.3	216.2	215.8	216.3
2:45:00	215.3	215.6	214.8	215.5	215.4	216.2	215.9	216.4
2:47:30	215.3	215.6	214.8	215.6	215.4	216.3	215.9	216.5
2:50:00	215.4	215.7	214.9	215.6	215.5	216.3	216.0	216.6
2:52:30	215.5	215.8	215.0	215.6	215.5	216.4	216.0	216.7
2:55:00	215.5	215.8	215.0	215.7	215.6	216.4	216.1	216.7
2:57:30	215.5	215.8	215.0	215.7	215.6	216.4	216.1	216.7
3:00:00	215.5	215.8	215.0	215.7	215.6	216.4	216.1	216.7
3:02:30	215.6	215.9	215.0	215.7	215.7	216.5	216.1	216.7
3:05:00	215.6	216.0	215.1	215.8	215.8	216.5	216.2	216.8
3:07:30	215.7	216.0	215.1	215.8	215.8	216.5	216.2	216.8
3:10:00	215.7	216.0	215.2	215.9	215.8	216.6	216.2	216.8

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## TEMPERATURES, °F

TIME hr:min:sec	TC 257	TC 258	TC 259	TC 260	TC 261	TC 262	TC 263	TC 264
0:00:00	81.8	82.0	81.6	81.7	81.7	82.1	82.3	82.8
0:05:00	81.8	81.9	81.5	81.6	81.6	82.0	82.2	82.8
0:07:30	81.7	81.9	81.5	81.6	81.6	82.0	82.2	82.8
0:10:00	81.7	81.8	81.5	81.8	81.6	82.0	82.2	82.8
0:12:30	81.8	81.9	81.6	81.6	81.7	82.0	82.3	82.9
0:15:00	81.8	81.9	81.4	81.6	81.7	82.1	82.4	83.0
0:17:30	81.7	81.8	80.6	81.6	81.6	82.0	82.3	83.0
0:20:00	81.8	81.9	80.4	81.6	81.7	82.1	82.4	83.2
0:22:30	81.8	81.8	80.6	81.5	81.6	82.0	82.5	83.3
0:25:00	81.8	81.9	81.1	81.6	81.8	82.2	82.6	83.6
0:27:30	81.9	81.9	81.5	81.7	81.8	82.2	82.7	83.8
0:30:00	81.9	81.9	81.8	81.7	81.8	82.2	82.8	84.1
0:32:30	82.0	81.9	82.2	81.7	81.9	82.3	83.0	84.4
0:35:00	82.1	82.0	82.4	81.8	82.0	82.4	83.2	84.8
0:37:30	82.2	82.1	82.3	82.0	82.1	82.6	83.5	85.1
0:40:00	82.3	82.1	82.3	82.0	82.1	82.7	83.7	85.6
0:42:30	82.4	82.3	82.3	82.2	82.3	82.9	84.0	86.1
0:45:00	82.6	82.4	82.3	82.4	82.5	83.1	84.4	86.7
0:47:30	82.8	82.6	82.5	82.5	82.7	83.3	84.7	87.3
0:50:00	83.1	82.8	82.7	82.7	82.8	83.6	85.1	88.0
0:52:30	83.4	83.1	82.9	83.0	83.1	83.9	85.5	88.7
0:55:00	83.7	83.4	83.1	83.2	83.4	84.2	86.0	89.5
0:57:30	84.2	83.7	83.4	83.6	83.7	84.5	86.6	90.4
1:00:00	84.6	84.0	83.7	83.8	83.9	84.8	87.0	91.1
1:02:30	85.2	84.5	84.1	84.3	84.3	85.2	87.6	92.1
1:05:00	85.9	85.1	84.6	84.8	84.8	85.7	88.3	93.5
1:07:30	86.7	85.8	85.2	85.4	85.4	86.3	89.2	95.1
1:10:00	87.8	86.5	85.9	86.1	86.0	86.8	90.1	96.7
1:12:30	89.1	87.5	86.7	86.9	86.6	87.6	91.3	98.8
1:15:00	90.5	88.5	87.5	87.8	87.5	88.2	92.2	100.3
1:17:30	92.1	89.8	88.5	88.9	88.6	89.2	93.4	102.1
1:20:00	94.2	91.3	89.7	90.2	89.7	90.2	94.7	103.9
1:22:30	97.0	93.6	91.3	91.9	91.2	91.5	96.3	106.3
1:25:00	99.3	95.3	92.6	93.2	92.4	92.4	97.6	108.2
1:27:30	102.2	97.4	94.2	95.0	93.8	93.6	99.1	110.3
1:30:00	105.7	99.9	96.2	97.2	95.6	95.2	100.9	112.6
1:32:30	109.4	102.4	98.6	99.6	97.7	96.8	102.8	115.2
1:35:00	113.3	105.0	101.4	102.4	100.1	98.7	105.0	117.9
1:37:30	116.9	108.3	104.7	105.8	102.9	101.2	107.8	121.3
1:40:00	122.6	111.2	107.3	108.8	105.1	103.5	110.1	123.9
1:42:30	128.3	114.7	110.5	112.4	107.8	106.4	113.1	127.0
1:45:00	146.7	119.6	114.2	117.1	110.8	109.6	116.4	130.6

FLORIDA POWER CORPORATION  
 RACEWAY FIRE BARRIERS  
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## TEMPERATURES, °F

TIME hr:min:sec	TC 257	TC 258	TC 259	TC 260	TC 261	TC 262	TC 263	TC 264
1:47:30	180.7	177.0	128.0	125.6	115.3	113.5	120.4	134.9
1:50:00	188.2	189.5	177.3	148.9	120.1	116.2	121.6	135.7
1:52:30	208.6	194.1	188.6	192.4	160.9	125.2	125.8	138.4
1:55:00	211.4	198.1	199.4	206.7	181.8	173.1	183.0	148.4
1:57:30	211.7	207.7	212.9	213.0	195.4	184.0	202.0	204.7
2:00:00	212.6	212.2	213.6	214.3	210.8	196.1	205.0	207.7
2:02:30	213.2	214.7	213.6	214.4	211.8	201.7	206.7	210.2
2:05:00	213.9	213.9	213.7	214.3	212.3	205.8	208.0	210.8
2:07:30	213.8	213.6	213.6	214.2	216.0	211.0	208.6	211.0
2:10:00	213.9	213.2	213.7	214.3	216.1	212.9	210.0	211.6
2:12:30	213.4	213.0	213.8	214.1	216.0	213.0	211.8	212.5
2:15:00	213.6	213.0	213.9	214.2	215.9	212.9	212.1	215.4
2:17:30	213.7	213.0	214.0	214.4	215.9	213.1	212.3	214.8
2:20:00	213.9	213.2	214.1	214.6	216.0	213.3	212.6	214.3
2:22:30	214.3	213.4	214.1	214.7	216.0	214.2	213.2	213.7
2:25:00	214.6	213.6	214.2	214.9	216.0	215.7	213.9	213.6
2:27:30	214.9	214.0	214.3	215.0	216.0	216.4	214.6	213.5
2:30:00	215.0	214.2	214.5	215.2	216.0	216.6	215.0	213.6
2:32:30	215.0	214.5	214.6	215.2	216.0	216.7	215.3	213.8
2:35:00	215.1	214.6	214.6	215.3	216.0	216.9	215.6	214.3
2:37:30	215.2	214.7	214.7	215.3	215.9	216.9	215.7	214.5
2:40:00	215.3	214.8	214.8	215.3	216.0	217.0	215.9	214.8
2:42:30	215.3	214.9	214.7	215.3	215.9	217.0	216.0	215.1
2:45:00	215.4	214.9	214.8	215.4	215.9	217.1	216.1	215.3
2:47:30	215.4	215.0	214.7	215.4	215.9	217.1	216.3	215.7
2:50:00	215.5	215.1	214.8	215.5	216.0	217.2	216.4	216.1
2:52:30	215.6	215.2	214.8	215.6	216.0	217.2	216.6	217.0
2:55:00	215.6	215.2	214.9	215.6	216.0	217.3	216.9	219.0
2:57:30	215.6	215.2	214.8	215.6	216.0	217.3	217.7	221.3
3:00:00	215.6	215.2	214.8	215.6	216.0	217.4	218.4	223.5
3:02:30	215.6	215.2	214.8	215.7	216.1	217.7	219.4	225.9
3:05:00	215.7	215.3	214.9	215.8	216.2	217.8	220.3	228.5
3:07:30	215.7	215.3	214.8	215.8	216.2	218.1	221.4	232.1
3:10:00	215.7	215.4	214.9	215.9	216.3	218.3	222.2	234.9

FLORIDA POWER CORPORATION  
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## TEMPERATURES, °F

TIME hr:min:sec	TC 265	TC 266	TC 267	TC 268	TC 269	TC 270	TC 271	TC 272
0:00:00	82.1	82.7	78.9	82.6	82.0	82.2	82.0	82.2
0:05:00	82.0	82.6	78.8	82.5	82.0	82.1	82.0	82.1
0:07:30	82.1	82.6	78.7	82.5	82.0	82.1	81.9	82.1
0:10:00	82.1	82.5	78.8	82.4	82.0	82.0	81.9	82.0
0:12:30	82.2	82.6	79.7	82.5	82.0	82.1	82.0	82.1
0:15:00	82.0	82.6	80.6	82.5	81.9	82.0	82.0	82.0
0:17:30	81.1	82.6	81.5	82.4	81.1	82.0	82.0	82.0
0:20:00	81.0	82.7	82.2	82.5	81.0	82.0	82.0	82.0
0:22:30	81.3	82.7	82.8	82.5	81.2	82.0	82.0	82.0
0:25:00	81.9	82.9	83.4	82.6	81.6	82.1	82.0	82.1
0:27:30	82.4	83.2	84.0	82.8	82.0	82.2	82.1	82.1
0:30:00	82.9	83.4	84.5	82.8	82.4	82.2	82.1	82.1
0:32:30	83.6	83.8	84.8	82.9	82.9	82.3	82.1	82.2
0:35:00	84.0	84.3	84.8	83.1	83.1	82.4	82.3	82.3
0:37:30	84.5	85.0	85.0	83.4	83.2	82.5	82.4	82.4
0:40:00	85.2	85.9	84.8	83.8	83.3	82.7	82.5	82.5
0:42:30	86.1	87.4	84.2	84.4	83.6	83.0	82.8	82.7
0:45:00	87.6	90.2	82.8	85.3	84.1	83.4	83.1	83.0
0:47:30	91.3	96.8	79.1	86.9	85.1	83.9	83.3	83.3
0:50:00	97.1	106.6	72.8	89.8	87.1	85.2	84.0	83.8
0:52:30	102.4	115.6	64.2	93.3	89.8	86.8	85.0	84.5
0:55:00	106.0	122.4	56.8	97.5	92.9	88.8	86.3	85.5
0:57:30	115.5	130.6	51.0	101.8	96.5	91.4	88.1	86.9
1:00:00	121.3	137.5	46.0	104.9	99.0	93.2	89.5	88.2
1:02:30	128.6	143.4	42.5	108.5	102.0	95.8	91.6	90.0
1:05:00	136.7	152.5	39.6	112.0	105.5	98.9	94.2	92.4
1:07:30	147.7	161.9	35.2	115.9	109.2	102.3	97.3	95.6
1:10:00	159.8	169.5	29.2	120.5	113.5	106.0	100.8	99.1
1:12:30	176.3	177.9	21.6	126.5	119.2	111.2	105.7	104.1
1:15:00	187.3	182.0	26.4	132.7	125.6	117.3	111.0	109.4
1:17:30	198.6	189.8	152.3	138.4	136.0	127.9	120.4	118.3
1:20:00	203.9	195.1	174.7	147.9	145.9	138.9	132.0	130.0
1:22:30	207.4	200.1	183.3	157.2	155.9	149.6	145.2	143.1
1:25:00	208.9	202.6	187.5	162.2	161.9	156.3	152.5	150.9
1:27:30	210.0	204.6	192.1	169.2	168.9	164.2	161.2	160.3
1:30:00	211.2	206.7	196.3	176.7	175.9	172.0	170.0	169.5
1:32:30	212.2	208.4	199.9	183.4	183.1	179.9	178.7	178.5
1:35:00	213.0	209.8	203.3	189.9	190.0	187.7	187.3	186.9
1:37:30	213.7	211.1	206.8	197.2	197.2	195.7	195.9	195.4
1:40:00	214.0	212.1	208.7	201.6	201.8	201.1	201.1	200.5
1:42:30	214.4	212.9	210.3	205.3	205.8	206.3	205.1	204.5
1:45:00	214.7	213.6	212.0	207.9	208.3	207.7	207.7	207.0

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## TEMPERATURES, °F

TIME hr:min:sec	TC 265	TC 266	TC 267	TC 268	TC 269	TC 270	TC 271	TC 272
1:47:30	214.9	214.1	213.2	209.8	209.4	209.2	209.4	208.9
1:50:00	215.1	214.5	213.8	210.4	209.7	209.8	209.9	209.4
1:52:30	215.2	214.9	214.2	210.8	210.1	210.4	210.3	209.8
1:55:00	215.5	215.7	215.1	211.1	210.4	210.7	210.6	210.2
1:57:30	215.7	216.4	215.9	211.0	210.4	211.0	210.8	210.4
2:00:00	216.0	216.9	216.0	211.0	210.6	211.1	211.0	210.8
2:02:30	216.2	217.5	216.5	210.7	210.2	211.0	211.0	210.7
2:05:00	216.4	218.1	217.3	210.5	210.0	210.8	210.9	210.5
2:07:30	216.7	218.7	218.1	210.8	210.1	210.8	210.8	210.5
2:10:00	216.9	219.5	219.5	211.1	210.2	211.0	211.0	210.6
2:12:30	217.2	220.4	221.3	211.5	210.4	211.1	211.0	210.7
2:15:00	217.5	221.2	222.0	211.7	209.7	211.2	211.1	210.8
2:17:30	217.9	221.9	222.8	212.0	209.8	211.4	211.2	210.8
2:20:00	218.2	222.6	223.5	213.1	210.8	211.5	211.2	211.0
2:22:30	218.6	223.5	225.4	214.5	210.8	211.6	211.2	211.0
2:25:00	218.9	224.5	227.6	215.2	210.9	211.7	211.2	211.1
2:27:30	219.4	226.0	228.0	215.8	210.9	211.8	211.3	211.2
2:30:00	219.8	227.0	227.4	216.2	210.8	211.9	211.3	211.2
2:32:30	220.2	227.7	226.2	216.6	210.3	212.0	211.3	211.2
2:35:00	220.8	227.7	225.7	217.2	210.4	212.1	211.3	211.3
2:37:30	221.2	228.2	225.6	217.5	210.5	212.1	211.3	211.3
2:40:00	221.7	228.6	226.0	218.0	210.7	212.3	211.4	211.5
2:42:30	222.3	229.4	226.9	218.6	210.9	212.3	211.3	211.5
2:45:00	222.8	230.1	227.7	219.3	211.3	212.5	211.4	211.5
2:47:30	223.3	231.2	228.7	219.9	211.5	212.5	211.4	211.5
2:50:00	224.0	232.3	229.7	220.5	211.8	212.6	211.4	211.6
2:52:30	224.7	233.5	230.8	221.2	212.5	212.7	211.4	211.6
2:55:00	225.3	234.7	231.9	221.9	214.7	212.8	211.5	211.7
2:57:30	226.0	235.9	233.0	222.6	216.2	212.9	211.4	211.7
3:00:00	226.8	237.1	234.2	223.2	217.3	212.9	211.4	211.7
3:02:30	227.5	238.3	235.4	223.8	218.2	213.0	211.4	211.7
3:05:00	228.4	239.6	236.6	224.5	218.8	213.3	211.4	211.8
3:07:30	229.4	241.0	237.9	225.1	219.4	213.6	211.4	211.8
3:10:00	230.1	242.1	238.8	225.5	220.5	214.2	211.4	211.9

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## TEMPERATURES, °F

TIME hr:min:sec	TC 273	TC 274	TC 275	TC 276	TC 277	TC 278	TC 279	TC 280
0:00:00	81.9	82.1	81.9	82.2	81.5	82.1	81.6	81.4
0:05:00	81.9	82.1	81.8	82.1	81.4	82.0	81.4	81.2
0:07:30	81.9	82.0	81.9	82.0	81.5	82.0	81.4	81.3
0:10:00	81.8	82.0	81.8	82.0	81.4	81.9	81.4	81.2
0:12:30	81.9	82.0	81.9	82.0	81.6	82.0	81.5	81.4
0:15:00	81.9	82.1	81.9	82.1	81.4	82.0	81.3	81.1
0:17:30	81.9	82.0	81.9	82.0	80.5	81.9	80.5	80.3
0:20:00	82.0	82.0	81.9	82.0	80.4	81.9	80.4	80.2
0:22:30	81.9	82.0	81.9	82.0	80.6	81.9	80.5	80.3
0:25:00	82.0	82.1	82.0	82.0	81.1	81.9	81.0	80.8
0:27:30	82.0	82.1	82.0	82.1	81.5	82.0	81.4	81.2
0:30:00	82.1	82.1	82.0	82.1	81.8	81.9	81.6	81.6
0:32:30	82.1	82.1	82.0	82.1	82.3	82.0	82.1	82.0
0:35:00	82.2	82.2	82.1	82.2	82.4	82.0	82.2	82.1
0:37:30	82.3	82.3	82.2	82.2	82.4	82.0	82.2	82.1
0:40:00	82.4	82.4	82.3	82.3	82.4	82.1	82.1	82.1
0:42:30	82.6	82.5	82.4	82.4	82.3	82.2	82.1	82.2
0:45:00	82.8	82.8	82.7	82.6	82.4	82.4	82.1	82.1
0:47:30	83.0	82.9	82.8	82.7	82.5	82.4	82.2	82.3
0:50:00	83.3	83.3	83.1	83.0	82.7	82.7	82.4	82.4
0:52:30	83.9	83.7	83.5	83.2	82.9	82.9	82.6	82.6
0:55:00	84.4	84.1	83.9	83.5	83.2	83.2	82.8	82.9
0:57:30	85.4	84.9	84.6	84.0	83.7	83.6	83.3	83.3
1:00:00	86.4	85.8	85.3	84.6	84.1	84.0	83.8	83.7
1:02:30	87.9	87.1	86.5	85.7	84.8	84.8	84.4	84.3
1:05:00	89.9	89.1	88.4	87.3	85.9	85.7	85.4	85.0
1:07:30	92.8	92.6	90.8	89.4	87.3	87.0	86.6	86.0
1:10:00	96.1	96.3	94.2	92.4	89.3	88.4	87.9	87.1
1:12:30	100.6	101.9	99.0	96.9	92.4	90.5	89.9	88.6
1:15:00	105.7	105.3	103.5	100.7	95.4	92.6	91.7	90.0
1:17:30	113.2	112.8	113.1	106.9	100.2	95.8	94.3	92.0
1:20:00	124.2	124.0	124.8	114.8	106.0	99.5	97.4	94.3
1:22:30	137.6	139.4	139.3	125.5	114.1	104.6	101.5	97.7
1:25:00	146.2	148.7	148.9	133.7	120.0	108.9	104.8	100.2
1:27:30	156.5	159.3	159.5	144.2	128.1	115.1	109.4	103.6
1:30:00	166.5	169.2	169.5	156.7	137.6	122.9	114.9	107.7
1:32:30	176.1	179.4	179.4	168.1	149.1	131.6	121.7	112.6
1:35:00	185.2	188.9	188.9	182.0	161.6	144.4	129.8	119.0
1:37:30	194.8	197.9	198.1	195.5	183.3	161.6	141.8	129.4
1:40:00	200.2	202.7	203.1	202.0	200.0	187.0	154.2	138.6
1:42:30	204.7	206.2	206.7	206.5	205.6	204.9	203.3	156.3
1:45:00	206.7	208.5	209.0	209.1	208.3	207.9	208.0	208.1

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## TEMPERATURES, °F

TIME hr:min:sec	TC 273	TC 274	TC 275	TC 276	TC 277	TC 278	TC 279	TC 280
1:47:30	209.1	210.1	210.4	210.8	210.1	209.9	209.6	210.1
1:50:00	209.6	210.6	210.4	211.3	210.8	210.5	210.1	210.5
1:52:30	210.4	211.1	210.9	211.8	211.1	211.1	210.5	210.9
1:55:00	210.7	211.5	211.1	212.2	211.4	211.4	210.8	211.4
1:57:30	210.9	211.8	211.1	212.2	211.5	211.5	210.9	211.5
2:00:00	211.1	212.0	211.2	212.4	211.7	211.7	211.1	211.6
2:02:30	211.2	212.0	211.2	212.5	211.8	211.8	211.5	211.6
2:05:00	211.0	212.0	211.2	212.4	211.8	211.8	211.2	211.6
2:07:30	210.9	212.1	211.1	212.4	211.7	211.7	211.1	211.5
2:10:00	211.0	212.2	211.2	212.5	211.8	211.8	211.3	211.5
2:12:30	211.0	212.3	211.3	212.7	212.0	212.0	211.3	211.6
2:15:00	211.1	212.4	211.3	212.8	212.1	212.0	211.4	211.7
2:17:30	211.2	212.5	211.3	212.9	212.2	212.1	211.5	211.5
2:20:00	211.1	212.5	211.4	213.1	212.3	212.2	211.5	211.5
2:22:30	211.2	212.5	211.4	213.2	212.5	212.3	211.6	211.5
2:25:00	211.1	212.5	211.3	213.3	212.6	212.4	211.5	211.5
2:27:30	211.1	212.6	211.3	213.6	212.9	212.5	211.6	211.5
2:30:00	211.2	212.6	211.3	213.7	213.1	212.7	211.6	211.5
2:32:30	211.1	212.6	211.4	213.9	213.3	212.9	211.6	211.5
2:35:00	211.1	212.6	211.4	214.0	213.6	213.1	211.7	211.5
2:37:30	211.1	212.6	211.4	214.2	213.8	213.2	211.8	211.5
2:40:00	211.1	212.7	211.5	214.3	213.9	213.5	211.9	211.6
2:42:30	211.1	212.7	211.5	214.3	213.9	213.6	211.9	211.5
2:45:00	211.1	212.6	211.5	214.4	214.0	213.7	212.0	211.5
2:47:30	211.1	212.7	211.5	214.5	214.1	213.9	212.1	211.6
2:50:00	211.2	212.7	211.5	214.5	214.2	214.0	212.2	211.6
2:52:30	211.2	212.7	211.5	214.7	214.3	214.2	212.4	211.7
2:55:00	211.3	212.8	211.6	214.7	214.4	214.3	212.6	211.9
2:57:30	211.3	212.8	211.6	214.7	214.4	214.3	212.7	212.1
3:00:00	211.2	212.7	211.5	214.7	214.3	214.4	212.8	212.4
3:02:30	211.2	212.7	211.5	214.7	214.4	214.4	212.9	212.6
3:05:00	211.3	212.8	211.5	214.9	214.5	214.6	213.1	213.1
3:07:30	211.2	212.8	211.5	214.9	214.4	214.5	213.4	213.9
3:10:00	211.3	212.9	211.6	215.0	214.6	214.8	213.7	214.5

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## TEMPERATURES, °F

TIME hr:min:sec	TC 281	TC 282	TC 283	TC 284	TC 285	TC 286	TC 287	TC 288
0:00:00	81.4	81.2	81.0	81.7	81.6	82.1	81.7	82.6
0:05:00	81.3	81.2	81.0	81.3	81.5	82.0	81.7	82.7
0:07:30	81.3	81.2	81.0	81.6	81.5	82.0	81.7	82.7
0:10:00	81.3	81.2	81.0	81.5	81.5	82.0	81.7	82.6
0:12:30	81.4	81.4	81.2	81.6	81.5	82.0	81.9	82.8
0:15:00	81.4	81.1	80.9	81.6	81.6	82.0	81.7	82.9
0:17:30	81.4	80.3	80.1	81.6	81.6	82.1	80.9	83.0
0:20:00	81.4	80.1	80.0	81.6	81.6	82.1	80.8	83.1
0:22:30	81.4	80.3	80.2	81.6	81.6	82.1	81.1	83.2
0:25:00	81.5	80.8	80.7	81.6	81.8	82.2	81.7	83.5
0:27:30	81.5	81.2	81.1	81.6	81.9	82.3	82.3	83.7
0:30:00	81.5	81.5	81.4	81.6	82.0	82.4	82.8	84.0
0:32:30	81.5	82.0	81.9	81.7	82.1	82.4	83.5	84.4
0:35:00	81.6	82.1	82.0	81.8	82.2	82.6	83.7	84.8
0:37:30	81.7	82.0	82.0	81.9	82.4	82.7	83.9	85.2
0:40:00	81.8	82.1	82.0	82.0	82.5	82.8	84.0	85.6
0:42:30	81.9	82.0	82.0	82.1	82.7	83.1	84.3	86.2
0:45:00	82.0	82.0	82.0	82.4	82.8	83.2	84.4	86.6
0:47:30	82.2	82.2	82.1	82.5	83.1	83.5	84.7	87.3
0:50:00	82.4	82.4	82.4	82.8	83.3	83.7	85.2	87.9
0:52:30	82.6	82.5	82.5	83.0	83.6	84.1	85.6	88.7
0:55:00	82.9	82.8	82.8	83.3	84.0	84.4	86.0	89.4
0:57:30	83.2	83.2	83.1	83.6	84.3	84.8	86.7	90.2
1:00:00	83.5	83.5	83.4	83.9	84.7	85.2	87.2	90.9
1:02:30	84.0	83.8	83.7	84.3	85.1	85.6	87.8	91.7
1:05:00	84.6	84.4	84.2	84.7	85.6	86.2	88.5	92.8
1:07:30	85.3	85.0	84.8	85.1	86.2	86.9	89.2	93.9
1:10:00	86.2	85.9	85.3	85.6	86.8	87.5	90.2	95.0
1:12:30	87.5	87.1	86.3	86.4	87.6	88.3	91.3	96.5
1:15:00	88.6	88.0	87.1	87.1	88.2	89.0	92.2	97.6
1:17:30	90.3	89.5	88.2	88.1	89.2	89.9	93.2	99.0
1:20:00	92.4	91.2	89.5	89.3	90.3	90.9	94.3	100.4
1:22:30	95.2	93.4	91.3	90.8	91.7	92.4	95.8	102.5
1:25:00	97.1	95.0	92.6	92.1	92.8	93.4	97.1	104.0
1:27:30	99.6	97.0	94.4	93.7	94.3	94.7	98.6	106.1
1:30:00	102.8	99.7	96.5	95.4	96.0	96.6	100.5	108.3
1:32:30	106.3	101.6	98.8	97.6	97.8	98.5	102.5	110.7
1:35:00	109.9	104.7	101.2	99.9	100.4	100.7	104.8	113.5
1:37:30	114.5	108.4	104.3	103.1	104.1	104.0	107.9	116.3
1:40:00	118.7	112.4	107.0	105.6	106.8	106.6	110.6	118.7
1:42:30	123.7	117.0	110.7	109.2	109.3	109.2	112.9	122.0
1:45:00	169.8	122.8	116.1	114.9	113.2	112.4	116.7	125.1

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TIME hr:min:sec	TC 281	TC 282	TC 283	TC 284	TC 285	TC 286	TC 287	TC 288
1:47:30	209.8	209.8	135.5	123.1	120.6	118.2	121.8	131.4
1:50:00	210.4	210.8	210.2	156.4	126.1	122.4	127.3	135.1
1:52:30	210.8	211.3	210.9	211.2	210.5	135.0	134.8	141.4
1:55:00	211.1	211.6	211.3	211.6	211.4	211.3	207.6	152.5
1:57:30	211.1	211.8	211.4	211.8	211.5	211.7	211.2	210.7
2:00:00	211.3	211.9	211.8	212.0	211.7	211.9	211.5	211.3
2:02:30	211.3	212.0	211.6	212.1	211.8	211.9	211.6	211.8
2:05:00	211.3	211.9	211.6	212.0	211.8	211.9	211.5	211.7
2:07:30	211.2	211.9	211.5	212.0	211.8	212.1	211.5	211.8
2:10:00	211.4	212.0	211.6	212.0	211.8	212.2	211.6	211.8
2:12:30	211.4	212.0	211.7	212.2	211.9	212.2	211.7	211.9
2:15:00	211.5	212.1	211.7	212.1	211.9	212.3	211.7	211.9
2:17:30	211.5	212.2	211.7	212.2	211.9	212.4	211.8	212.0
2:20:00	211.5	212.3	211.8	212.3	212.0	212.5	211.8	212.1
2:22:30	211.6	212.2	211.8	212.3	212.0	212.5	211.8	212.1
2:25:00	211.6	212.3	211.8	212.3	212.0	212.5	211.8	212.1
2:27:30	211.6	212.3	211.8	212.4	212.0	212.5	211.9	212.1
2:30:00	211.7	212.3	211.8	212.5	212.0	212.5	211.9	212.2
2:32:30	211.8	212.3	211.8	212.5	211.9	212.5	211.8	212.2
2:35:00	211.6	212.3	211.8	212.5	211.9	212.5	211.8	212.2
2:37:30	211.7	212.4	211.8	212.5	211.9	212.6	211.8	212.2
2:40:00	211.7	212.5	211.9	212.6	212.0	212.7	212.0	212.2
2:42:30	211.7	212.4	211.8	212.7	212.0	212.7	211.9	212.2
2:45:00	211.8	212.5	211.9	212.7	212.0	212.7	211.9	212.2
2:47:30	211.8	212.5	211.9	212.7	212.0	212.7	211.9	212.2
2:50:00	211.9	212.6	211.9	212.8	212.0	212.7	212.0	212.3
2:52:30	212.0	212.7	211.9	212.9	212.1	212.7	212.1	212.4
2:55:00	212.1	212.8	212.0	213.0	212.1	212.7	212.2	212.4
2:57:30	212.0	212.8	211.9	213.0	212.1	212.7	212.2	212.7
3:00:00	212.1	212.8	211.9	213.0	212.1	212.6	212.8	214.6
3:02:30	212.3	212.9	211.9	213.1	212.0	212.7	214.7	221.2
3:05:00	212.5	213.1	212.0	213.2	212.1	212.8	217.0	227.7
3:07:30	212.7	213.2	211.9	213.2	212.1	213.0	219.5	231.6
3:10:00	213.0	213.4	212.1	213.3	212.2	213.5	220.8	233.5

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TIME hr:min:sec	TC 289	TC 290	TC 291	TC 292	TC 293	TC 294	TC 295	TC 296
0:00:00	97.7	83.8	82.6	81.9	81.6	79.8	81.6	89.1
0:05:00	308.0	193.0	146.4	128.0	104.7	63.4	87.2	90.1
0:07:30	345.3	194.7	192.0	162.5	129.2	41.7	100.1	105.4
0:10:00	376.8	204.2	202.4	187.6	145.5	26.8	111.4	117.6
0:12:30	404.7	232.4	215.6	207.6	165.7	9.3	126.5	133.0
0:15:00	424.3	269.6	237.7	217.4	186.4	-8.0	142.2	149.0
0:17:30	446.8	294.8	260.7	233.6	210.7	-30.2	161.6	168.8
0:20:00	463.1	310.3	274.0	245.7	216.3	-49.3	173.5	181.8
0:22:30	492.9	331.3	291.5	261.7	224.0	-54.9	198.5	196.0
0:25:00	511.4	349.5	308.6	277.6	237.6	-65.2	211.9	209.3
0:27:30	523.7	365.9	324.3	291.8	252.0	-75.5	218.4	219.6
0:30:00	534.2	381.4	339.1	305.2	265.3	-88.1	225.2	228.7
0:32:30	543.3	398.3	355.5	320.5	279.3	-103.4	233.3	238.7
0:35:00	553.9	410.5	366.3	330.7	289.1	-113.5	238.7	245.7
0:37:30	572.8	424.4	378.8	342.8	301.5	-125.8	245.8	253.7
0:40:00	592.9	438.4	391.9	355.2	313.8	-138.3	253.5	262.1
0:42:30	618.0	457.2	411.6	371.5	328.7	-154.4	264.4	272.9
0:45:00	634.2	465.6	422.9	381.3	338.1	-164.8	272.7	279.4
0:47:30	659.6	483.0	438.8	397.9	353.8	-182.4	287.3	290.1
0:50:00	679.2	502.5	451.5	410.7	366.3	-198.1	299.9	299.4
0:52:30	700.5	520.1	467.9	425.4	379.4	-217.0	313.4	309.3
0:55:00	720.5	534.9	486.0	437.1	391.4	-237.1	326.0	319.8
0:57:30	743.1	557.1	512.5	453.2	406.9	-263.9	340.5	332.4
1:00:00	762.5	577.1	528.6	465.0	416.9	-279.3	350.9	341.1
1:02:30	785.4	594.2	541.9	481.2	430.6	-307.0	364.2	351.7
1:05:00	799.7	604.7	553.0	496.7	444.3	-335.3	376.0	361.9
1:07:30	822.0	614.4	566.3	507.6	456.8	-369.1	385.5	370.8
1:10:00	726.6	631.1	583.8	519.8	471.0	94.6	397.0	379.3
1:12:30	776.0	655.1	603.1	550.1	488.9	453.7	413.8	416.7
1:15:00	787.2	681.0	591.5	583.3	502.3	466.0	425.5	436.7
1:17:30	827.7	629.3	565.8	805.6	505.5	480.9	462.0	511.7
1:20:00	795.3	662.2	588.5	709.7	510.1	498.5	585.1	502.5
1:22:30	776.2	718.0	640.2	689.3	547.6	519.2	494.8	732.8
1:25:00	687.2	657.2	620.3	698.1	662.2	530.8	603.6	388.6
1:27:30	-12.1	675.3	653.6	782.1	613.8	548.2	552.9	1322.4
1:30:00	-221.3	698.4	684.6	873.4	709.2	510.1	913.0	603.6
1:32:30	32.9	779.1	727.0	770.0	1023.6	609.8	553.2	534.1
1:35:00	-148.0	790.7	710.0	613.4	927.2	602.6	624.5	494.2
1:37:30	571.7	765.7	736.8	586.0	706.0	346.0	649.8	681.4
1:40:00	628.4	858.4	641.4	774.4	989.5	967.5	697.1	851.1
1:42:30	668.6	828.1	800.4	904.8	976.6	806.3	778.6	981.0
1:45:00	683.2	758.1	748.2	918.8	972.6	896.7	797.2	1093.1

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TIME hr:min:sec	TC 289	TC 290	TC 291	TC 292	TC 293	TC 294	TC 295	TC 296
1:47:30	893.3	924.2	915.1	940.0	1064.7	1088.7	856.0	1102.1
1:50:00	715.8	966.7	816.1	899.9	1122.5	1150.3	822.3	1117.1
1:52:30	849.4	1088.6	1026.2	1044.5	1133.8	1180.4	860.8	1135.4
1:55:00	1163.0	916.0	1103.2	989.0	1100.8	1206.5	1141.7	1130.4
1:57:30	1141.8	1117.1	1074.0	1158.2	1187.1	1183.8	1082.1	1153.6
2:00:00	1178.5	1160.1	1134.7	1175.7	1199.8	1226.8	1161.0	1179.9
2:02:30	1058.6	1070.3	1172.8	1057.2	1126.8	1135.3	1190.8	1142.5
2:05:00	952.9	1069.1	1130.0	1113.6	1154.5	1160.3	1081.0	1012.0
2:07:30	937.5	1109.6	1154.5	1097.7	1179.9	1110.6	1097.1	1001.7
2:10:00	964.7	1112.0	1065.9	1155.0	1223.7	1107.0	1122.1	1030.3
2:12:30	964.8	1144.2	1104.0	1094.8	1286.3	1128.6	1169.1	1044.3
2:15:00	987.1	1167.6	1120.3	1196.7	1344.4	1155.5	1191.8	1068.3
2:17:30	980.8	1138.7	1146.0	1242.7	1382.6	1192.7	1223.4	1090.6
2:20:00	937.2	1149.9	1122.6	1201.3	1087.5	1193.4	1266.4	1106.9
2:22:30	979.5	1187.9	1092.6	1087.2	1077.2	1234.5	1278.7	1024.4
2:25:00	977.2	1092.8	1120.3	1113.2	1099.7	1246.5	1272.7	1051.4
2:27:30	1019.8	1172.2	1151.7	1144.6	1129.2	1250.6	1275.3	1103.6
2:30:00	1089.5	1150.2	1156.1	1164.2	1146.7	1265.2	1294.4	1141.5
2:32:30	1069.2	1182.1	1142.0	1186.2	1175.5	1309.4	1329.2	1142.3
2:35:00	1041.9	1122.8	1140.9	1198.9	1116.8	1340.3	1356.6	1138.6
2:37:30	1040.3	1120.4	1193.4	1217.5	1120.1	1336.9	1361.1	1157.3
2:40:00	1117.0	1133.6	1299.0	1235.6	1139.4	1387.6	1338.4	1232.9
2:42:30	1172.8	1156.4	1327.1	1248.0	1161.0	1415.9	1309.3	1273.1
2:45:00	1243.8	1174.6	1340.3	1252.3	1176.8	1433.9	1272.1	1045.9
2:47:30	1183.9	1196.3	1345.7	1259.7	1189.4	1451.5	1254.1	1124.0
2:50:00	1259.9	1211.8	1344.4	1259.1	1192.4	1449.5	1252.9	1380.1
2:52:30	1264.7	1232.1	1338.9	1253.2	1197.4	1451.0	1261.4	1344.7
2:55:00	1281.7	1244.6	1339.8	1254.1	1203.7	1458.8	1271.9	1133.6
2:57:30	1249.5	1264.5	1349.0	1229.3	1217.4	1473.6	1286.8	995.0
3:00:00	1254.6	1279.3	1356.5	1183.8	1228.6	1493.6	1298.4	1015.1
3:02:30	1290.4	1295.0	1349.2	1263.2	1241.0	1516.3	1309.9	1215.4
3:05:00	1308.5	1308.8	1344.4	1261.1	1254.5	1528.0	1309.2	1246.7
3:07:30	1344.9	1318.6	1336.6	1256.0	1264.7	1531.1	1290.3	1049.2
3:10:00	1355.4	1323.0	1331.9	1249.5	1270.5	1530.5	1268.5	1019.3

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TIME hr:min:sec	TC 297	TC 298	TC 299	TC 300	TC 301	TC 302	TC 303	TC 304
0:00:00	81.8	82.3	82.3	83.5	84.7	106.4	81.5	81.5
0:05:00	85.3	96.6	106.4	136.1	154.1	284.8	81.4	81.5
0:07:30	92.7	114.9	129.3	171.6	201.2	339.9	81.6	81.7
0:10:00	99.1	129.0	147.0	199.4	222.2	380.8	81.7	82.5
0:12:30	108.2	146.7	170.7	223.0	242.4	422.9	82.8	85.4
0:15:00	118.2	163.0	191.0	243.3	270.4	450.0	86.6	91.1
0:17:30	132.0	183.4	215.2	265.1	299.1	481.0	97.6	111.6
0:20:00	141.5	196.8	225.4	278.8	319.1	504.5	116.4	151.8
0:22:30	153.6	208.0	235.6	295.7	348.1	523.8	151.0	185.8
0:25:00	163.8	218.4	246.5	311.0	369.7	508.7	166.0	194.1
0:27:30	188.1	228.2	257.6	324.5	385.3	496.5	173.3	197.1
0:30:00	201.2	237.7	268.8	338.0	401.1	493.2	180.3	198.8
0:32:30	210.3	248.3	281.2	352.8	419.0	505.7	187.4	200.9
0:35:00	213.6	254.6	290.6	362.2	432.0	515.2	190.9	202.2
0:37:30	218.1	264.6	301.8	372.8	447.2	521.3	199.2	203.2
0:40:00	223.1	275.2	312.9	382.8	460.6	526.5	205.3	204.3
0:42:30	228.2	286.6	325.3	396.6	474.5	532.6	208.0	205.6
0:45:00	231.4	292.5	332.5	405.1	480.2	538.2	208.4	206.8
0:47:30	239.3	301.8	342.7	417.2	487.5	543.4	208.5	207.8
0:50:00	244.1	310.1	350.9	427.6	492.6	555.0	209.0	208.3
0:52:30	249.8	320.1	359.2	439.6	501.5	581.0	209.5	208.5
0:55:00	255.5	330.1	366.7	453.0	512.9	612.6	208.6	208.8
0:57:30	263.5	340.9	378.9	467.6	530.1	644.8	198.8	208.0
1:00:00	269.6	348.1	395.9	477.9	538.7	662.0	200.1	207.6
1:02:30	277.8	357.0	408.6	489.3	545.0	683.4	204.0	209.7
1:05:00	286.5	364.9	410.6	499.3	554.4	699.0	210.1	213.3
1:07:30	294.0	372.8	417.4	508.8	563.6	712.8	217.0	218.6
1:10:00	301.9	381.0	424.5	513.7	572.9	726.8	222.7	222.4
1:12:30	307.1	390.9	435.2	516.5	593.3	742.6	227.2	227.2
1:15:00	357.8	403.1	434.3	339.8	589.4	632.1	225.1	291.4
1:17:30	530.1	552.3	437.7	528.6	604.6	620.4	217.7	472.0
1:20:00	646.2	562.1	532.1	521.0	682.2	578.5	522.5	619.4
1:22:30	560.7	571.2	605.6	631.0	631.3	630.5	326.0	633.5
1:25:00	636.8	617.5	421.0	555.6	642.8	565.0	561.0	650.8
1:27:30	627.1	664.6	489.5	696.7	645.2	513.1	587.5	680.0
1:30:00	502.6	403.5	458.2	585.5	676.9	749.1	535.9	735.0
1:32:30	683.4	395.9	519.9	838.8	696.5	752.1	545.4	679.1
1:35:00	799.0	651.5	488.4	627.6	619.9	872.8	549.3	795.2
1:37:30	501.2	726.9	453.0	918.6	761.1	905.1	639.5	724.0
1:40:00	766.0	672.0	788.7	993.3	937.1	829.1	696.2	965.9
1:42:30	569.8	886.0	864.3	1020.3	1060.4	1032.1	547.5	1014.7
1:45:00	760.7	824.0	926.4	1079.0	1094.0	985.8	650.0	1036.4

FLORIDA POWER CORPORATION  
RACEWAY FIRE BARRIERS  
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## TEMPERATURES, °F

TIME hr:min:sec	TC 297	TC 298	TC 299	TC 300	TC 301	TC 302	TC 303	TC 304
1:47:30	717.5	952.4	1025.8	1010.2	1135.0	1149.4	686.3	1086.4
1:50:00	789.4	919.3	984.8	1140.9	1135.7	1157.1	687.4	1106.7
1:52:30	819.3	1088.3	965.9	1165.6	1166.4	1211.9	726.1	1138.7
1:55:00	832.2	1098.7	1002.5	1190.5	1175.7	1201.2	794.9	1148.1
1:57:30	944.6	1151.5	1161.2	1176.5	1159.6	1207.9	912.6	1133.6
2:00:00	853.1	1186.2	1143.5	1259.9	1189.9	1056.1	961.8	1224.5
2:02:30	911.5	1200.2	1058.2	1293.7	1174.4	1186.1	1100.4	1284.8
2:05:00	1084.5	1218.8	1076.6	1314.0	1195.6	1151.7	1147.0	1292.5
2:07:30	982.8	1190.9	1181.4	1345.4	1227.9	1199.5	1157.5	1330.6
2:10:00	947.1	1233.4	1095.3	1092.6	1272.3	1217.8	1131.4	1334.8
2:12:30	984.6	1244.5	1126.8	1141.8	1313.2	1319.7	1217.2	1362.8
2:15:00	1076.5	1241.8	1153.4	1165.6	1323.3	1208.6	1243.4	1350.4
2:17:30	1028.5	1202.2	1177.4	1211.1	1297.0	1134.9	1239.6	1302.3
2:20:00	1120.6	1191.2	1192.3	1222.6	1244.8	1135.0	1232.0	1259.3
2:22:30	1027.0	1210.0	1208.9	1240.8	1214.8	1102.2	1241.3	1249.6
2:25:00	1007.3	1200.4	1215.3	1241.3	1218.8	1035.2	1228.4	1259.4
2:27:30	1114.7	1251.1	1217.6	1233.3	1230.5	1029.6	1176.7	1288.4
2:30:00	1120.1	1262.2	1216.5	1232.2	1234.8	1035.5	1142.2	1309.3
2:32:30	1105.7	1207.5	1214.8	1223.9	1228.6	1051.4	1097.9	1330.8
2:35:00	1109.7	1257.6	1206.3	1235.1	1207.6	1068.6	1094.3	1322.1
2:37:30	1126.9	1282.5	1170.3	1245.7	1189.1	1085.7	1107.6	1299.3
2:40:00	1147.1	1366.6	1113.9	1252.6	1194.8	1104.5	1123.8	1285.9
2:42:30	1161.6	1367.3	1098.2	1256.0	1208.0	1124.9	1139.1	1269.3
2:45:00	1156.3	1357.0	1103.7	1259.3	1222.6	1140.9	1153.3	1268.2
2:47:30	1157.2	1335.7	1115.5	1264.6	1238.4	1158.6	1166.9	1266.3
2:50:00	1167.7	1314.1	1124.6	1268.3	1250.8	1174.3	1178.7	1262.7
2:52:30	1177.1	1291.8	1136.0	1271.5	1268.6	1195.4	1162.8	1263.6
2:55:00	1188.7	1287.2	1143.1	1275.6	1282.5	1209.6	1204.0	1271.9
2:57:30	1210.3	1279.7	1161.3	1283.2	1297.6	1232.0	1222.9	1286.0
3:00:00	1231.2	1265.7	1174.3	1288.9	1313.1	1249.1	1237.0	1295.0
3:02:30	1251.3	1286.3	1188.5	1293.9	1324.7	1271.5	1252.4	1305.5
3:05:00	1264.6	1281.8	1202.1	1298.5	1332.0	1294.7	1265.6	1311.4
3:07:30	1278.5	1273.5	1213.5	1300.4	1335.2	1318.4	1275.9	1314.9
3:10:00	1286.5	1267.6	1218.8	1301.3	1340.7	1328.0	1280.4	1317.9

FLORIDA POWER CORPORATION  
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## TEMPERATURES, °F

TIME hr:min:sec	TC 305	TC 306	TC 307	TC 308	TC 309	TC 310	TC 311	TC 312
0:00:00	81.5	81.5	80.8	80.3	80.4	82.4	149.0	92.9
0:05:00	81.6	83.2	86.3	80.3	96.5	120.8	429.0	252.8
0:07:30	82.7	86.7	100.6	80.4	122.6	154.1	508.9	313.5
0:10:00	85.0	90.3	113.9	80.7	144.8	176.5	575.8	371.6
0:12:30	91.0	97.1	137.4	81.4	172.3	200.0	635.2	428.6
0:15:00	100.2	108.8	162.1	81.8	196.8	217.6	685.6	470.5
0:17:30	126.2	139.7	200.2	82.4	216.8	222.3	736.6	511.5
0:20:00	157.7	156.4	208.0	82.8	217.9	224.2	768.3	530.0
0:22:30	182.7	169.1	212.5	83.3	221.6	241.3	823.2	566.0
0:25:00	192.4	176.0	214.6	83.8	229.0	265.7	861.9	597.7
0:27:30	196.2	182.4	216.1	84.5	245.0	291.4	887.0	627.6
0:30:00	230.3	189.1	219.4	85.1	266.6	314.0	900.6	651.6
0:32:30	203.3	195.9	228.1	290.9	294.0	333.1	914.5	674.3
0:35:00	204.3	199.5	236.2	306.8	312.5	344.3	924.1	687.2
0:37:30	205.9	207.7	247.7	322.4	330.5	356.2	947.3	701.3
0:40:00	208.2	211.8	260.1	336.2	345.2	366.4	970.6	718.9
0:42:30	210.6	215.3	275.9	351.2	359.3	378.9	978.5	734.0
0:45:00	212.2	216.7	285.3	359.1		386.7	1005.9	748.9
0:47:30	214.6	220.4	298.7	370.1		398.8	1016.9	761.8
0:50:00	216.0	224.0	308.4	379.8		408.1	881.9	763.3
0:52:30	218.2	228.1	318.8	391.7		419.6	788.4	772.1
0:55:00	222.4	232.5	328.7	403.8		433.2	808.3	797.4
0:57:30	227.1	239.3	340.1	418.1		453.5	759.6	712.2
1:00:00	230.8	245.0	347.7	428.7		469.0	582.8	613.6
1:02:30	237.0	253.8	358.0	444.6		489.1	680.0	803.9
1:05:00	245.4	265.8	369.2	463.2		509.8	724.4	664.0
1:07:30	259.6	281.1	384.2	488.6		539.1	735.6	728.1
1:10:00	269.2	288.1	394.5	504.6		556.3	679.7	763.5
1:12:30	286.6	299.8	420.0	538.1		585.8	687.0	642.2
1:15:00	538.4	594.9	492.5	557.7	583.2	612.4	728.5	712.0
1:17:30	531.6	428.7	504.8	656.6	626.3	666.9	746.7	715.1
1:20:00	578.7	627.8	598.6	647.4	706.3	713.9	780.9	761.2
1:22:30	646.8	661.1	575.8	649.8	775.2	756.6	863.3	873.9
1:25:00	587.1	591.4	459.7	695.6	758.4	775.5	885.8	753.8
1:27:30	580.5	682.9	705.5	734.0	814.2	724.1	865.1	703.7
1:30:00	638.7	383.7	636.9	819.5	765.9	587.6	937.1	726.3
1:32:30	948.3	812.9	679.1	749.9	724.7	597.0	879.0	753.8
1:35:00	407.6	1029.4	670.9	882.8	795.3	639.2	826.7	713.9
1:37:30	898.2	1045.1	790.9	1029.3	893.1	731.7	852.0	745.4
1:40:00	877.9	924.1	963.4	637.8	895.2	538.6	885.2	762.6
1:42:30	866.8	806.2	815.2	758.8	864.1	720.4	912.7	824.3
1:45:00	893.3	909.8	704.8	680.7	783.7	659.2	952.7	886.5

FLORIDA POWER CORPORATION  
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## TEMPERATURES, °F

TIME hr:min:sec	TC 305	TC 306	TC 307	TC 308	TC 309	TC 310	TC 311	TC 312
1:47:30	1129.2	1070.8	1098.8	919.8	1044.2	731.2	1028.6	872.7
1:50:00	994.2	1098.2	1051.0	893.0	941.1	723.4	1045.0	896.1
1:52:30	1075.5	1116.9	1143.2	992.5	848.2	733.4	1084.9	909.5
1:55:00	1122.5	1103.7	1104.4	990.9	834.3	852.7	1082.2	915.4
1:57:30	1157.7	976.6	1160.0	1074.3	1099.8	853.9	1096.8	934.3
2:00:00	1165.3	1116.9	1181.6	999.4	1096.6	984.2	1113.5	965.4
2:02:30	1214.2	1141.5	1200.6	1028.9	923.1	1143.2	1135.2	949.4
2:05:00	1188.8	1050.1	1186.8	1152.6	947.3	1074.9	1164.8	966.5
2:07:30	1249.6	1093.8	1187.4	1099.1	1195.5	1084.1	1187.5	989.5
2:10:00	1230.3	1094.6	1258.1	1081.2	1155.0	1094.4	1209.4	1046.2
2:12:30	1271.3	1158.5	1272.3	1093.9	1189.9	1151.2	1236.5	1059.5
2:15:00	1276.2	1221.3	1157.8	1133.5	1168.2	1177.8	1256.4	1084.8
2:17:30	1272.9	1261.0	1147.1	1121.4	1136.0	1204.1	1285.0	1089.6
2:20:00	1271.6	1244.3	1142.9	1145.7	1137.0	1219.5	1306.1	1124.3
2:22:30	1297.9	1264.8	1147.2	1132.3	1141.8	1236.2	1328.1	1228.0
2:25:00	1315.3	1278.6	1151.5	1143.9	1152.8	1240.3	1345.6	1265.8
2:27:30	1325.4	1301.4	1166.5	1208.8	1169.7	1221.5	1370.5	1363.8
2:30:00	1333.2	1320.7	1160.3	1194.5	1180.1	1216.0	1388.7	1322.2
2:32:30	1325.3	1339.7	1088.8	1108.9	1184.5	1181.5	1411.8	1326.1
2:35:00	1314.0	1358.2	1130.9	1197.5	1194.5	1172.5	1437.2	1401.3
2:37:30	1285.2	1360.7	1134.0	1177.2	1176.6	1165.5	1467.1	1626.7
2:40:00	1255.7	1339.4	1180.4	1215.8	1126.1	1170.5	1493.3	1844.8
2:42:30	1256.2	1314.0	1171.9	1185.6	1118.4	1177.2	1526.7	1857.3
2:45:00	1259.6	1298.9	1244.2	1207.0	1128.5	1185.1	1550.4	1802.1
2:47:30	1257.7	1262.4	1246.2	1194.5	1144.1	1197.0	1579.2	1605.9
2:50:00	1258.0	1242.0	1254.4	1192.3	1158.4	1207.7	1603.5	1483.8
2:52:30	1266.1	1230.9	1272.8	1182.5	1176.6	1217.9	1622.2	1554.8
2:55:00	1274.7	1238.8	1287.5	1178.3	1188.7	1227.3	1626.6	1549.0
2:57:30	1288.2	1251.1	1309.2	1174.1	1208.4	1243.8	1634.1	1479.7
3:00:00	1298.4	1262.6	1402.3	1202.0	1223.7	1255.5	1636.5	1571.7
3:02:30	1311.4	1273.6	1413.8	1190.6	1241.3	1268.3	1647.5	1588.5
3:05:00	1323.8	1283.2	1421.2	1175.1	1256.6	1278.1	1657.3	1356.5
3:07:30	1334.1	1294.9	1425.5	1158.7	1270.3	1286.6	1671.2	1337.8
3:10:00	1339.6	1301.0	1426.4	1152.8	1277.7	1290.8	1680.7	1421.5

FLORIDA POWER CORPORATION  
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## TEMPERATURES, °F

TIME hr:min:sec	TC 313	TC 314	TC 315	TC 316	TC 317	TC 318	TC 319	TC 320
0:00:00	84.4	83.6	81.8	81.2	81.0	81.0	81.1	81.4
0:05:00	188.4	162.0	125.3	104.5	89.3	90.8	88.8	92.7
0:07:30	234.1	212.4	163.1	132.5	107.1	109.4	104.2	109.7
0:10:00	262.1	244.4	199.0	154.0	122.9	125.5	118.8	124.7
0:12:30	299.1	276.2	220.6	186.4	144.1	147.5	140.0	159.9
0:15:00	341.6	302.3	241.3	211.2	166.7	171.7	169.3	200.5
0:17:30	390.6	338.0	264.9	231.5	198.1	196.1	199.7	209.8
0:20:00	416.0	360.4	280.8	243.7	211.1	212.1	212.4	225.4
0:22:30	447.6	389.8	302.8	261.1	224.8	227.2	225.5	241.7
0:25:00	479.7	417.1	326.1	279.9	236.0	246.5	240.0	254.9
0:27:30	504.6	440.6	350.3	299.9	248.2	257.6	252.7	269.8
0:30:00	527.9	459.5	371.1	322.2	268.6	272.8	266.5	283.4
0:32:30	551.3	478.8	391.5	343.6	288.1	291.4	280.5	298.0
0:35:00	564.8	492.3	404.1	356.2	300.9	301.1	288.5	307.1
0:37:30	581.0	511.2	418.0	369.9	315.3	313.0	298.0	317.7
0:40:00	600.6	526.0	431.8	383.0	328.6	325.2	307.7	328.4
0:42:30	625.1	544.0	449.9	399.5	344.1	340.2	320.0	342.0
0:45:00	636.4	554.0	460.6	409.4	353.1	349.2	327.7	350.4
0:47:30	648.4	567.0	473.0	422.2	366.0	362.6	339.8	364.2
0:50:00	660.9	576.7	481.9	431.1	375.7	372.6	349.8	376.2
0:52:30	671.5	587.1	492.7	440.5	386.6	384.4	361.9	391.0
0:55:00	684.4	598.7	504.9	450.2	397.5	396.6	374.8	406.6
0:57:30	709.5	555.4	522.3	483.4	411.2	455.4	451.5	427.6
1:00:00	709.5	612.6	533.9	551.2	444.2	468.1	460.8	444.8
1:02:30	738.5	642.4	624.1	568.4	454.8	520.4	429.6	650.7
1:05:00	689.0	838.2	704.0	652.2	697.4	586.1	493.4	602.2
1:07:30	740.4	753.6	700.8	636.1	664.2	729.5	569.6	746.2
1:10:00	755.0	677.7	747.2	708.3	795.8	781.8	730.1	584.2
1:12:30	854.7	634.0	777.0	759.3	779.2	866.6	766.7	649.7
1:15:00	715.9	701.6	747.6	804.9	700.8	707.1	686.4	692.8
1:17:30	830.4	688.0	725.9	745.3	751.0	750.5	643.7	642.4
1:20:00	826.9	741.5	657.8	758.8	649.4	600.2	669.8	668.3
1:22:30	834.6	799.7	716.4	826.0	711.2	677.5	726.7	746.9
1:25:00	873.6	864.4	741.1	881.6	751.4	684.6	770.6	751.5
1:27:30	910.2	909.6	786.7	851.4	650.3	718.5	814.1	774.3
1:30:00	967.4	921.8	843.9	975.8	734.3	751.0	914.6	841.3
1:32:30	999.2	922.3	888.2	861.8	725.4	806.4	837.0	889.8
1:35:00	967.9	947.9	936.2	906.9	729.7	819.4	848.1	958.4
1:37:30	1077.4	1049.8	977.6	961.0	781.4	882.0	891.7	993.4
1:40:00	1093.5	1107.8	1027.6	1106.7	796.3	921.5	1107.7	1058.1
1:42:30	1101.3	1050.5	1049.4	1084.3	854.5	961.4	1054.2	1068.6
1:45:00	1033.9	1052.3	1091.4	1102.1	1034.1	982.6	990.6	1094.1

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## TEMPERATURES, °F

TIME hr:min:sec	TC 313	TC 314	TC 315	TC 316	TC 317	TC 318	TC 319	TC 320
1:47:30	1128.7	1109.0	1120.7	1013.4	896.2	1020.9	1011.2	1118.4
1:50:00	1094.7	1128.7	1134.4	1067.0	994.0	1035.9	1032.6	1139.0
1:52:30	802.7	1119.6	1172.9	1145.8	941.6	1080.7	1067.6	1171.4
1:55:00	1151.0	1148.6	1205.9	1177.1	939.7	1084.5	1139.1	1205.2
1:57:30	1020.9	1181.7	1188.9	1207.8	956.4	1102.9	1145.4	1235.0
2:00:00	758.8	1181.9	1194.2	1222.6	992.0	1137.9	1181.2	1259.5
2:02:30	816.4	1231.8	1215.5	1251.2	947.5	1180.0	1177.1	1284.4
2:05:00	810.7	1238.7	1234.8	1280.2	971.3	1178.8	1193.9	1301.2
2:07:30	1278.2	1276.3	1149.7	1292.4	998.0	1199.9	1218.2	1325.0
2:10:00	762.5	1331.5	1137.5	1295.7	1079.4	1142.2	1176.6	1354.9
2:12:30	803.6	962.3	1155.2	1281.0	1074.7	783.4	1184.1	1380.9
2:15:00	827.7	919.6	1185.2	1347.4	1089.4	781.3	1201.9	1391.8
2:17:30	836.0	1015.7	1207.5	1385.7	1090.6	811.5	1344.1	1397.9
2:20:00	915.6	1006.1	1165.3	1416.4	1064.0	817.9	1386.8	1443.1
2:22:30	863.8	1351.1	1373.0	1463.2	1159.7	838.0	1424.8	1476.5
2:25:00	1198.6	1065.8	1439.4	1497.8	1215.7	895.5	1462.7	1518.0
2:27:30	991.4	984.9	1474.5	1535.8	1409.5	885.2	1436.1	1570.8
2:30:00	1551.6	1189.8	1554.6	1535.5	1404.4	907.7	1426.2	1598.4
2:32:30	1166.3	1562.5	1488.5	1585.2	1402.5	962.3	1467.4	1621.9
2:35:00	1043.3	1595.8	1594.6	1617.6	1452.2	1003.3	1532.3	1639.0
2:37:30	1179.6	1631.4	1603.3	1651.2	1558.2	1021.6	1554.8	1659.8
2:40:00	1059.4	1666.6	1597.2	1699.5	1584.4	1120.8	1574.8	1659.6
2:42:30	1048.3	1708.2	1603.2	1746.3	1830.7	1582.8	1598.7	1648.8
2:45:00	1014.3	1718.7	1621.8	1754.3	1894.4	1634.0	1637.7	1683.9
2:47:30	985.9	1714.1	1595.8	1750.7	2042.8	1685.7	1694.4	1715.9
2:50:00	1491.8	1699.8	1488.2	1885.6	2019.1	1815.4	1758.1	1575.8
2:52:30	1672.3	1700.9	1297.0	1360.7	2489.7	1860.5	1734.7	1687.7
2:55:00	1677.6	1721.9	1355.6	1374.4	2511.8	1828.8	1698.1	1701.9
2:57:30	1737.0	1740.4	1430.1	525.9	2389.8	1774.0	1611.4	1555.4
3:00:00	1736.2	1760.3	1512.8	491.4	2322.2	1745.3	1606.5	1675.9
3:02:30	1734.9	1239.4	1602.0	507.6	2295.6	1208.5	1668.6	1715.1
3:05:00	1740.9	1666.6	1660.3	678.1	2296.0	1616.8	1433.4	1413.6
3:07:30	1737.9	1735.6	1703.5	705.2	2072.9	1655.6	1431.9	1371.6
3:10:00	1738.3	1741.4	1707.7	734.7	2007.3	1638.5	1388.5	1436.9

FLORIDA POWER CORPORATION  
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## TEMPERATURES, °F

TIME hr:min:sec	TC 321	TC 322	TC 323	TC 324	TC 325	TC 326	TC 327	TC 328
0:00:00	81.5	81.9	83.3	91.7	81.2	81.1	81.1	81.0
0:05:00	101.3	116.2	139.9	214.7	82.1	91.2	85.4	84.3
0:07:30	121.9	145.1	180.4	288.6	87.5	106.4	99.8	92.8
0:10:00	138.9	167.5	212.4	312.7	98.3	122.6	121.5	103.9
0:12:30	182.3	196.0	247.9	386.2	146.1	151.7	148.0	131.3
0:15:00	207.3	231.9	279.3	413.9	180.2	178.4	170.5	184.8
0:17:30	233.8	262.3	319.5	463.8	194.1	199.0	198.0	206.9
0:20:00	246.2	279.1	344.5	487.2	200.9	206.4	205.7	208.7
0:22:30	260.4	304.3	381.1	526.0	206.0	208.7	208.2	209.7
0:25:00	271.6	323.2	409.4	559.0	207.4	208.6	208.4	212.6
0:27:30	284.6	343.4	435.4	587.0	207.6	208.6	207.9	218.0
0:30:00	296.6	360.9	454.8	606.4	207.8	208.7	208.3	222.5
0:32:30	310.4	379.5	471.5	628.1	209.5	209.9	211.4	229.1
0:35:00	320.6	392.1	482.2	646.1	210.1	210.4	216.8	234.6
0:37:30	332.7	407.8	497.9	665.6	210.3	210.6	239.4	242.5
0:40:00	344.2	422.6	514.5	681.9	210.5	210.8	273.7	252.1
0:42:30	357.5	439.5	533.7	698.8	217.0	212.2	317.1	267.0
0:45:00	366.9	448.9	544.8	709.1	225.5	227.1	335.0	278.0
0:47:30	381.6	463.4	561.1	726.4	237.5	242.4	366.3	297.8
0:50:00	394.6	474.5	573.0	741.3	245.2	255.5	394.7	316.7
0:52:30	410.6	488.5	588.4	762.1	254.3	271.7	422.6	344.6
0:55:00	429.0	505.6	609.6	792.2	265.1	291.0	449.5	375.5
0:57:30	458.9	534.5	651.5	872.8	288.0	322.4	489.9	398.6
1:00:00	484.5	561.0	687.0	705.2	587.6	386.5	522.8	611.2
1:02:30	511.3	592.7	652.3	736.8	617.1	509.6	623.2	672.7
1:05:00	543.0	626.5	658.8	788.3	683.0	614.9	622.9	664.0
1:07:30	601.3	694.3	738.8	686.9	719.4	694.8	713.9	725.3
1:10:00	702.9	697.1	685.9	784.4	679.7	743.5	715.2	765.3
1:12:30	769.7	805.2	784.8	840.8	733.9	806.0	720.5	814.2
1:15:00	651.1	828.0	837.2	826.7	840.1	874.6	852.0	791.9
1:17:30	677.3	913.8	739.7	938.4	941.8	892.4	944.9	954.1
1:20:00	691.4	934.4	771.3	954.5	979.5	968.0	983.1	1004.6
1:22:30	654.5	937.4	832.9	887.2	763.6	904.9	944.1	968.4
1:25:00	687.9	958.8	923.5	855.1	722.6	763.3	976.7	973.9
1:27:30	730.3	987.8	820.7	816.0	912.3	983.6	1014.7	1002.4
1:30:00	816.6	1042.8	891.8	807.6	793.9	977.0	984.7	1048.7
1:32:30	787.9	917.2	955.4	775.1	872.0	1062.4	752.7	1105.8
1:35:00	831.0	1131.1	985.4	845.5	908.8	1019.5	664.7	1131.3
1:37:30	981.5	1164.5	1012.1	964.5	870.7	959.0	693.2	1175.7
1:40:00	976.8	987.9	911.5	1005.6	919.3	965.9	712.1	1176.1
1:42:30	971.8	1039.8	978.2	1106.1	1032.7	1045.7	728.7	1205.6
1:45:00	994.0	1074.7	1036.7	1027.0	1002.1	1075.3	735.1	1242.3

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## TEMPERATURES, °F

TIME hr:min:sec	TC 321	TC 322	TC 323	TC 324	TC 325	TC 326	TC 327	TC 328
1:47:30	1012.6	1078.6	1093.7	1111.4	1063.8	950.5	899.7	1231.5
1:50:00	1033.3	1145.1	1117.5	1129.0	1060.8	872.6	821.9	1244.6
1:52:30	1080.4	1106.6	1117.8	1171.0	1082.7	990.9	869.8	1182.1
1:55:00	1166.6	1109.7	1105.5	1170.5	1098.8	863.2	841.1	1160.2
1:57:30	1114.0	1128.6	1106.6	1259.5	1114.6	800.0	782.9	1208.5
2:00:00	1147.3	1150.3	1120.1	1294.1	1121.7	839.3	811.2	1178.5
2:02:30	1257.7	1178.9	1143.8	1298.9	1147.8	852.8	826.5	1285.8
2:05:00	1299.9	1198.6	1163.4	1317.5	1162.5	942.3	866.6	1281.6
2:07:30	1295.3	1225.9	1187.7	1340.2	1185.6	964.2	943.6	1347.4
2:10:00	1355.0	1247.7	1210.7	1357.7	1213.1	1001.2	980.5	1377.3
2:12:30	1349.3	1276.1	1243.0	1395.2	1240.5	975.9	953.6	1404.8
2:15:00	1367.6	1292.6	1261.8	1435.9	1253.3	1011.8	994.7	1423.2
2:17:30	1388.8	1319.1	1290.2	1477.3	1279.8	1089.6	1040.2	1445.9
2:20:00	1479.5	1341.1	1311.7	1471.8	1302.6	1256.7	1244.4	1488.6
2:22:30	1511.2	1362.5	1334.5	1499.6	1326.0	1210.1	1190.3	1518.5
2:25:00	1536.9	1382.8	1353.7	1520.8	1297.2	1215.9	1189.6	1561.2
2:27:30	1564.6	1410.6	1380.0	1567.4	1328.4	1379.5	1383.6	1556.8
2:30:00	1586.3	1432.0	1399.6	1590.3	1256.3	1356.8	1358.4	1612.2
2:32:30	1615.2	1456.5	1423.5	1626.5	1258.5	1425.5	1484.7	1638.3
2:35:00	1649.2	1485.3	1451.6	1655.3	1186.0	1431.1	1432.3	1621.8
2:37:30	1675.3	1518.4	1481.3	1680.9	1455.9	1457.6	1452.8	1658.6
2:40:00	1700.6	1571.5	1506.6	1693.2	1447.6	1518.2	1522.8	1674.7
2:42:30	1728.7	1597.8	1536.9	1705.3	1455.8	1548.2	1575.3	1475.1
2:45:00	1739.8	1617.0	1553.4	1716.3	1467.5	1569.9	1545.0	1269.0
2:47:30	1731.4	1643.0	1572.4	1721.5	1474.4	1601.9	1565.8	1344.7
2:50:00	1782.3	1651.0	1584.4	1723.5	1492.3	1617.8	1508.7	1318.1
2:52:30	1769.8	1630.3	1605.7	1704.0	1527.5	1638.4	1680.6	1380.8
2:55:00	1768.9	1671.8	1609.0	1687.2	1401.8	1464.1	1507.4	1407.5
2:57:30	1766.6	1671.0	1612.2	1650.5	1428.2	1505.3	1544.2	1437.1
3:00:00	1760.7	1676.2	1612.3	1617.2	1420.8	1446.3	1533.4	1458.7
3:02:30	1771.9	1690.7	1607.5	1581.8	1399.0	1381.7	1438.2	1500.4
3:05:00	1766.3	1701.5	1600.7	1451.5	1419.6	1409.8	1379.0	1498.7
3:07:30	1770.4	1711.6	1593.8	1396.6	1548.5	1635.0	1371.7	1132.6
3:10:00	1767.2	1714.3	1587.3	1386.0	1569.1	1668.0	1352.9	1115.8

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## TEMPERATURES, °F

TIME hr:min:sec	TC 329	TC 330	TC 331	TC 332	TC 333	TC 334	TC 335	TC 336
0:00:00	78.8	81.2	79.2	81.0	115.7	88.1	84.1	82.0
0:05:00	68.4	92.2	72.3	87.7	332.1	215.1	166.1	126.6
0:07:30	43.0	113.6	57.9	101.6	364.8	244.9	199.5	152.9
0:10:00	5.9	143.6	28.2	125.0	395.8	267.7	222.7	168.4
0:12:30	-23.7	175.1	-4.2	157.3	419.8	294.7	240.2	187.0
0:15:00	-37.5	193.5	-23.2	176.1	431.4	315.9	248.7	203.5
0:17:30	-46.8	202.2	-37.1	189.3	493.3	335.4	257.1	211.5
0:20:00	-54.4	204.9	-41.7	194.1	513.1	346.7	266.8	216.7
0:22:30	-54.8	209.7	-53.6	200.8	547.1	374.2	282.9	218.8
0:25:00	-53.6	209.2	-53.5	207.9	572.1	397.4	296.5	228.1
0:27:30	-53.1	208.5	-52.1	208.0	596.5	416.3	312.9	251.2
0:30:00		209.1	-50.9	208.1	618.2	433.6	327.4	261.5
0:32:30	226.3	219.3	209.0	209.4	643.0	454.1	343.4	270.8
0:35:00	238.1	227.6	213.7	215.7	660.7	470.4	355.8	279.2
0:37:30	260.7	269.3	232.5	229.4	687.7	489.4	375.0	289.4
0:40:00	295.7	331.5	273.8	257.9	712.7	506.5	392.9	300.9
0:42:30	349.8	389.1	337.5	322.4	737.9	524.1	411.9	317.7
0:45:00	382.1	407.4	371.1	382.7	754.2	535.3	423.9	326.5
0:47:30	416.8	446.0	413.1	396.2	779.4	553.8	442.8	339.5
0:50:00	434.2	489.7	449.9	431.5	791.7	566.8	455.6	355.0
0:52:30	464.8	524.8	491.1	475.7	804.9	579.8	468.6	367.7
0:55:00	635.1	576.8	533.2	511.2	817.4	591.3	479.5	378.5
0:57:30	700.0	638.9	611.6	569.7	833.6	605.9	490.1	389.5
1:00:00	717.0	673.0	657.8	600.3	781.7	614.3	499.0	395.4
1:02:30	724.9	713.3	709.4	641.4	880.4	618.4	507.8	405.0
1:05:00	698.8	714.7	711.8	653.0	700.9	624.9	515.0	412.6
1:07:30	780.1	752.8	780.9	714.8	661.8	634.1	520.8	420.2
1:10:00	844.0	671.5	805.2	750.7	674.6	639.5	525.8	424.9
1:12:30	618.9	773.4	859.7	811.4	669.6	648.6	532.8	432.6
1:15:00	688.0	686.3	828.5	858.5	701.0	657.9	537.3	438.8
1:17:30	726.8	695.1	963.8	928.4	716.7	668.2	544.3	447.1
1:20:00	787.5	712.5	966.2	989.8	751.3	677.5	550.7	453.6
1:22:30	873.2	746.5	997.7	896.8	764.4	687.6	560.5	462.5
1:25:00	892.9	778.0	816.5	698.8	732.1	693.8	564.9	467.6
1:27:30	940.1	804.4	775.9	754.6	755.2	701.2	571.7	472.8
1:30:00	903.2	797.5	846.0	717.4	755.2	707.2	579.5	479.1
1:32:30	688.9	761.4	946.2	744.7	742.2	715.3	587.8	484.0
1:35:00	716.1	802.9	1065.0	843.0	748.7	721.1	591.3	486.3
1:37:30	733.3	890.2	1035.4	922.5	756.7	730.0	598.8	489.6
1:40:00	746.3	924.8	1001.1	926.6	761.9	737.0	607.8	493.5
1:42:30	756.2	937.6	1049.9	1059.5	771.1	744.1	618.1	496.7
1:45:00	775.5	973.1	1078.3	1011.7	811.3	750.5	626.6	502.2

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## TEMPERATURES, °F

TIME hr:min:sec	TC 329	TC 330	TC 331	TC 332	TC 333	TC 334	TC 335	TC 336
1:47:30	990.0	1015.1	1090.7	1084.2	806.3	752.3	635.5	508.2
1:50:00	816.4	1014.9	1112.3	1000.0	787.6	755.5	639.0	514.1
1:52:30	770.8	1080.1	1135.2	1016.1	795.7	759.2	643.1	523.1
1:55:00	832.2	1107.7	1131.9	1011.7	919.0	761.1	646.5	525.8
1:57:30	850.7	1062.3	1119.3	1208.2	932.3	764.2	651.4	533.4
2:00:00	853.1	1106.2	1131.9	1115.6	993.0	765.8	653.7	535.8
2:02:30	982.8	1142.3	1157.5	1074.1	1003.4	768.0	657.2	543.7
2:05:00	912.6	1183.4	1177.1	1184.0	1004.9	767.6	659.8	551.8
2:07:30	903.2	1225.7	1201.0	1208.8	1003.3	771.4	664.4	565.0
2:10:00	916.3	1243.4	1225.5	1107.2	694.7	759.9	672.5	572.9
2:12:30	946.2	1258.2	1254.0	1110.9	612.6	796.0	681.7	582.7
2:15:00	976.2	1262.8	1271.2	1201.3	607.9	787.4	687.3	588.2
2:17:30	1009.7	1288.7	1296.4	1315.0	627.2	823.5	692.9	596.4
2:20:00	1026.0	1329.3	1317.1	1402.8	674.0	813.3	697.1	603.1
2:22:30	1021.7	1353.7	1338.0	1305.7	681.4	796.4	706.1	610.0
2:25:00	1051.8	1373.5	1272.9	1426.9	670.4	830.1	695.6	614.9
2:27:30	1271.2	1398.9	1230.8	1422.1	663.9	834.9	697.9	622.4
2:30:00	1209.3	1417.4	1317.4	1443.3	674.6	839.6	710.1	628.1
2:32:30	1334.4	1441.6	1327.0	1464.7	674.0	843.1	744.0	638.6
2:35:00	1283.7	1468.1	1372.0	1482.5	688.7	847.6	754.1	633.1
2:37:30	1384.5	1503.7	1467.0	1522.8	701.2	851.7	762.5	634.8
2:40:00	1522.0	1523.0	1487.2	1553.0	705.1	834.1	771.8	662.8
2:42:30	1613.8	1549.3	1533.0	1467.6	733.8	731.0	778.8	674.6
2:45:00	1629.3	1567.0	1552.2	1418.4	737.2	860.0	791.9	682.0
2:47:30	1628.0	1586.9	1567.3	1424.0	710.9	934.3	803.3	689.3
2:50:00	1629.4	1610.0	1579.0	1407.0	737.8	888.8	818.8	697.1
2:52:30	1314.4	1636.5	1586.8	1427.1	821.5	910.7	835.8	707.8
2:55:00	1301.8	1644.3	1583.7	1433.0	806.8	922.2	840.2	716.6
2:57:30	933.3	1653.8	1582.0	1443.2	794.1	812.1	853.2	731.8
3:00:00	927.1	1659.3	1579.3	1451.8	737.7	735.7	862.2	742.9
3:02:30	933.0	1670.8	1579.4	1471.2	768.8	810.3	856.9	758.8
3:05:00	765.2	1674.9	1578.3	1471.3	952.0	767.1	858.2	559.9
3:07:30	734.8	1676.1	1582.1	1531.1	958.6	1064.3	842.3	575.1
3:10:00	720.3	1679.6	1583.0	1535.5	970.2	1068.3	842.3	585.1

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## TEMPERATURES, °F

TIME hr:min:sec	TC 337	TC 338	TC 339	TC 340	TC 341	TC 342	TC 343	TC 344
0:00:00	81.4	81.2	81.2	81.5	81.5	81.8	82.6	85.2
0:05:00	104.6	95.3	90.6	90.9	90.1	104.7	121.8	159.9
0:07:30	124.9	111.8	106.1	106.2	103.3	126.6	149.6	201.7
0:10:00	136.7	122.1	116.6	116.8	112.6	140.0	166.6	227.0
0:12:30	150.7	133.7	128.4	128.6	123.4	155.6	186.5	254.4
0:15:00	163.4	144.5	139.4	139.5	133.5	170.7	209.2	274.5
0:17:30	176.1	156.3	151.2	151.4	144.9	186.5	223.6	291.4
0:20:00	183.4	162.7	157.9	158.0	151.2	194.1	231.5	302.0
0:22:30	194.4	171.6	167.2	166.9	159.6	205.0	241.4	316.8
0:25:00	205.9	179.5	175.0	174.1	166.1	212.8	249.8	329.1
0:27:30	219.2	188.3	183.4	184.9	176.4	228.8	271.0	351.9
0:30:00	228.3	198.0	192.2	190.7	182.1	234.4	279.2	361.8
0:32:30	236.0	211.2	201.3	200.2	191.2	244.1	291.7	375.2
0:35:00	239.0	221.2	207.9	206.6	197.2	249.6	297.8	380.8
0:37:30	248.7	230.8	215.9	213.7	203.8	257.7	306.9	391.4
0:40:00	258.2	239.8	228.3	222.7	212.1	263.7	313.2	397.9
0:42:30	269.8	247.1	238.4	234.8	223.9	273.4	323.3	408.0
0:45:00	276.8	251.4	243.4	239.6	228.4	277.8	328.6	416.4
0:47:30	287.8	258.5	250.6	244.2	234.7	284.0	336.0	426.0
0:50:00	296.4	264.2	256.2	250.1	239.1	287.6	340.2	432.2
0:52:30	306.1	270.1	262.3	256.2	243.0	291.9	344.1	436.9
0:55:00	315.6	278.7	269.7	262.8	248.3	296.3	349.0	442.7
0:57:30	326.1	289.6	278.4	270.0	254.6	301.4	355.9	451.5
1:00:00	332.8	293.8	283.0	274.5	258.2	305.3	362.5	457.6
1:02:30	340.7	300.7	289.7	281.2	264.4	312.3	369.5	468.3
1:05:00	347.6	306.7	296.5	288.0	270.7	319.0	380.2	477.5
1:07:30	355.7	314.3	304.7	295.6	278.8	327.7	391.9	490.7
1:10:00	360.2	318.8	309.4	299.9	283.7	334.1	397.7	495.3
1:12:30	370.0	325.5	316.2	306.1	290.6	340.5	405.7	504.6
1:15:00	374.7	330.4	321.1	310.7	295.6	347.0	411.0	509.7
1:17:30	386.0	335.4	326.6	316.2	301.4	352.3	416.7	515.9
1:20:00	392.2	340.7	331.8	321.6	307.2	359.1	423.8	523.7
1:22:30	400.0	346.6	337.9	327.9	314.2	368.5	431.8	528.1
1:25:00	406.1	350.9	341.8	332.0	318.9	372.9	436.9	532.6
1:27:30	410.3	355.9	346.5	336.9	324.8	378.3	443.2	538.6
1:30:00	416.3	360.2	350.7	341.7	330.7	392.3	449.0	544.8
1:32:30	422.2	366.1	353.1	347.6	337.8	390.9	456.2	552.3
1:35:00	425.6	372.9	355.5	351.0	342.0	394.4	459.9	556.4
1:37:30	432.9	383.6	359.7	356.1	348.1	400.1	465.9	562.0
1:40:00	436.5	385.5	362.9	360.0	352.3	404.6	470.3	565.2
1:42:30	441.7	389.6	367.5	364.3	357.4	409.2	474.6	570.5
1:45:00	448.0	393.1	371.8	368.5	362.0	413.3	479.3	572.2

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TIME hr:min:sec	TC 337	TC 338	TC 339	TC 340	TC 341	TC 342	TC 343	TC 344
1:47:30	455.1	400.4	373.9	373.4	367.0	417.6	482.5	574.7
1:50:00	459.1	405.3	383.1	378.1	369.6	420.1	484.8	576.0
1:52:30	462.3	404.6	389.2	378.8	372.8	423.8	488.9	579.6
1:55:00	465.9	408.2	393.3	382.9	376.0	426.7	492.4	581.4
1:57:30	470.9	411.0	397.2	386.5	380.1	430.7	497.1	585.1
2:00:00	472.7	414.4	400.1	388.9	382.2	432.8	499.2	586.7
2:02:30	474.6	418.3	404.0	393.1	385.9	436.5	503.1	591.6
2:05:00	478.2	421.9	406.8	394.7	387.7	439.2	505.7	594.3
2:07:30	485.4	425.7	410.4	399.4	392.2	442.2	508.8	592.3
2:10:00	495.9	430.5	414.4	403.3	396.0	446.2	512.9	598.5
2:12:30	507.6	437.6	419.1	408.0	402.1	449.5	517.1	597.0
2:15:00	512.7	443.2	421.9	410.7	404.6	452.1	520.5	605.7
2:17:30	521.2	447.7	427.4	415.7	408.8	458.0	524.9	609.8
2:20:00	527.4	449.6	431.9	419.7	412.2	462.2	529.3	622.2
2:22:30	533.6	452.3	437.9	423.2	415.8	467.3	533.3	633.9
2:25:00	533.5	459.5	443.5	427.5	419.9	471.4	536.0	640.6
2:27:30	541.3	471.3	449.9	434.3	425.3	476.3	539.0	640.3
2:30:00	547.6	481.7	454.5	437.6	429.2	479.1	542.9	646.0
2:32:30	554.8	494.7	460.7	442.8	433.4	483.7	548.7	646.1
2:35:00	563.3	504.1	466.4	448.1	438.1	488.0	550.8	650.5
2:37:30	573.3	515.6	473.9	454.1	443.8	494.8	557.3	658.0
2:40:00	578.6	521.0	478.0	458.5	447.6	498.1	562.6	662.6
2:42:30	590.3	519.6	484.6	464.1	453.0	504.1	559.2	667.0
2:45:00	598.9	522.8	489.5	468.9	456.7	508.0	569.2	671.0
2:47:30	607.9	532.9	495.0	473.6	461.4	512.2	573.5	675.2
2:50:00	615.8	546.3	501.4	478.9	465.7	516.7	577.1	680.2
2:52:30	624.5	553.6	509.2	485.8	472.1	522.2	583.0	684.7
2:55:00	631.8	560.3	513.2	490.3	475.6	525.9	585.6	687.8
2:57:30	586.2	566.9	519.2	496.7	480.8	531.0	589.9	692.7
3:00:00	570.5	577.3	524.4	501.4	484.8	535.0	592.0	696.0
3:02:30	578.6	593.3	530.2	507.1	489.9	539.9	598.3	701.3
3:05:00	578.8	601.9	535.5	512.5	495.0	544.1	602.2	706.6
3:07:30	617.1	611.3	541.4	519.4	501.0	550.1	609.2	711.1
3:10:00	617.1	616.5	545.3	524.1	504.9	553.5	613.0	714.8

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TIME hr:min:sec	TC 345	TC 346	TC 347	TC 348	TC 349	TC 350	TC 351	TC 352
0:00:00	91.3	120.2	81.5	81.4	81.4	81.9	81.7	81.9
0:05:00	212.3	340.4	81.6	81.4	81.5	85.9	81.8	81.8
0:07:30	261.0	391.3	81.5	81.4	81.8	91.3	82.0	81.9
0:10:00	292.3	427.5	81.5	81.4	82.3	95.3	82.4	82.0
0:12:30	322.8	465.0	81.6	81.5	83.1	100.1	83.3	82.4
0:15:00	344.8	495.4	81.6	81.8	84.4	107.2	84.6	83.0
0:17:30	363.6	528.4	81.8	82.3	86.7	118.0	86.8	84.4
0:20:00	374.2	536.6	82.0	82.9	88.5	123.6	88.5	85.5
0:22:30	399.2	566.8	82.4	84.0	91.6	130.9	91.0	87.4
0:25:00	413.1	595.6	83.2	85.2	94.5	135.0	93.4	89.8
0:27:30	430.3	629.7	84.1	87.1	99.1	140.8	97.1	91.9
0:30:00	441.5	644.9	84.8	88.5	102.3	145.3	100.7	94.4
0:32:30	485.7	670.4	86.3	91.6	107.1	150.1	103.9	96.7
0:35:00	510.3	685.1	88.0	94.5	111.2	157.6	106.4	98.9
0:37:30	510.4	701.3	90.1	98.0	116.2	164.2	109.7	102.0
0:40:00	522.3	713.1	92.3	100.9	120.6	170.2	112.9	105.1
0:42:30	528.2	726.9	94.9	105.2	125.9	172.7	117.6	109.5
0:45:00	529.0	732.7	96.6	107.9	129.2	171.7	120.7	113.8
0:47:30	541.2	741.8	99.7	112.9	134.3	173.3	125.6	117.3
0:50:00	540.5	745.0	102.2	116.7	138.7	174.0	129.3	121.5
0:52:30	543.2	751.4	105.3	121.1	143.6	176.7	134.0	126.7
0:55:00	545.6	750.9	108.9	126.0	149.0	180.4	139.4	133.1
0:57:30	543.4	760.8	114.4	136.0	157.6	186.7	147.2	142.6
1:00:00	555.7	772.7	118.9	142.1	163.1	188.1	153.4	150.3
1:02:30	557.4	783.6	125.3	149.4	168.4	192.7	163.9	159.6
1:05:00	567.3	797.0	131.9	156.4	175.3	196.5	172.6	171.4
1:07:30	582.4	810.7	141.5	166.4	184.5	201.7	183.9	190.8
1:10:00	590.6	817.4	148.1	171.4	189.4	204.2	192.8	201.1
1:12:30	598.6	826.0	158.4	179.5	195.2	207.4	199.5	205.9
1:15:00	607.3	833.2	164.4	184.9	198.5	209.2	208.6	212.7
1:17:30	612.5	844.2	167.5	189.1	200.6	211.2	212.4	216.3
1:20:00	623.9	852.0	174.7	193.4	202.9	213.9	216.7	222.3
1:22:30	638.5	859.5	182.4	195.1	204.2	218.9	220.6	225.8
1:25:00	646.1	864.5	186.4	196.8	205.2	225.7	223.9	229.3
1:27:30	654.6	864.9	190.4	199.7	206.4	229.0	226.0	231.4
1:30:00	665.4	878.5	193.0	201.3	207.5	233.4	229.6	234.9
1:32:30	675.5	890.2	196.3	202.4	208.0	238.9	234.8	240.3
1:35:00	679.5	895.5	197.8	203.5	209.1	242.5	237.7	243.6
1:37:30	685.5	904.3	199.8	205.0	210.7	248.0	241.7	249.3
1:40:00	687.2	912.0	201.4	206.2	212.3	252.1	244.9	253.8
1:42:30	697.4	920.1	204.1	207.3	220.1	256.8	248.8	259.1
1:45:00	697.1	916.6	205.5	207.7	224.7	261.7	253.0	264.7

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TIME hr:min:sec	TC 345	TC 346	TC 347	TC 348	TC 349	TC 350	TC 351	TC 352
1:47:30	699.2	917.8	206.7	208.1	229.4	267.0	257.8	271.6
1:50:00	699.5	914.3	207.3	209.0	232.3	270.5	262.2	276.4
1:52:30	707.6	922.9	207.8	210.8	236.2	275.7	268.9	283.1
1:55:00	708.9	926.3	209.1	212.2	239.6	281.5	276.7	290.8
1:57:30	719.9	946.1	209.1	213.3	245.0	285.9	282.9	296.9
2:00:00	721.3	945.8	209.6	214.0	248.0	289.4	287.6	301.4
2:02:30	723.7	943.4	211.1	215.9	253.2	295.2	295.0	308.5
2:05:00	724.4	944.8	211.2	217.3	257.0	299.8	300.2	313.5
2:07:30	726.4	959.0	213.8	219.2	262.0	306.6	306.2	319.3
2:10:00	730.1	972.4	215.1	221.2	266.9	314.7	312.0	324.9
2:12:30	732.7	983.0	215.7	223.7	273.2	324.5	318.9	331.2
2:15:00	738.7	990.5	215.7	225.1	277.1	327.6	322.9	334.8
2:17:30	742.9	1000.4	217.4	227.4	282.8	336.6	328.5	339.6
2:20:00	744.3	1008.0	219.0	229.4	287.2	341.8	332.6	343.1
2:22:30	746.0	1010.8	220.1	231.5	292.1	346.5	337.0	346.7
2:25:00	747.4	1010.5	221.3	233.8	296.9	352.1	341.1	349.9
2:27:30	750.0	1016.0	223.3	236.6	302.4	357.7	345.5	353.4
2:30:00	753.7	1022.6	224.8	238.6	306.0	361.9	348.3	355.4
2:32:30	758.6	1030.2	226.7	241.1	310.5	367.9	351.6	357.3
2:35:00	763.6	1035.7	228.9	243.5	314.6	371.9	354.6	360.1
2:37:30	770.5	1047.8	231.8	246.9	320.0	378.9	358.0	362.9
2:40:00	773.7	1052.7	233.5	248.8	322.9	384.3	359.8	364.4
2:42:30	780.2	1058.2	236.3	252.1	327.2	388.4	362.7	366.9
2:45:00	782.6	1063.4	238.5	254.4	330.1	390.3	364.7	368.9
2:47:30	786.0	1067.8	241.3	257.4	333.4	392.7	367.1	371.2
2:50:00	790.9	1070.9	244.3	260.4	336.9	396.8	369.6	373.9
2:52:30	798.1	1074.0	248.1	264.5	340.8	401.4	373.1	377.4
2:55:00	802.8	1077.6	250.3	266.8	343.0	403.9	375.4	379.7
2:57:30	798.3	1084.3	265.1	270.6	346.4	410.9	379.0	383.1
3:00:00	807.9	1089.6	264.0	273.3	348.9	414.6	381.8	385.6
3:02:30	819.2	1098.6	266.2	276.8	351.7	417.6	385.0	388.7
3:05:00	810.5	1105.0	286.7	280.7	354.4	421.0	388.2	391.9
3:07:30	570.5	1113.6	564.3	285.5	357.9	425.0	392.3	396.0
3:10:00	576.7	1119.5	570.4	288.6	360.3	427.3	395.2	398.8

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TIME hr:min:sec	TC 353	TC 354	TC 355	TC 356	TC 357	TC 358	TC 359	TC 360
0:00:00	81.7	81.9	157.6	96.1	86.7	83.5	82.4	82.2
0:05:00	81.7	81.9	475.8	288.0	212.8	156.2	119.1	98.7
0:07:30	81.8	81.9	535.3	336.9	252.1	187.4	141.6	113.2
0:10:00	82.0	82.0	620.9	401.0	299.3	227.7	171.2	133.9
0:12:30	82.3	82.1	669.0	438.9	325.2	250.5	188.2	146.4
0:15:00	83.5	82.7	745.2	495.2	373.8	289.2	221.0	170.4
0:17:30	84.8	83.2	789.3	530.6	406.7	310.8	242.9	187.0
0:20:00	86.6	84.3	840.2	569.4	443.2	335.8	264.1	206.4
0:22:30	88.3	85.4	871.1	598.5	467.8	355.7	281.0	220.5
0:25:00	90.8	87.1	910.4	645.3	497.8	387.7	300.5	240.8
0:27:30	93.0	88.8	938.7	667.4	517.4	412.0	316.0	255.6
0:30:00	95.5	90.9	951.2	690.2	541.7	436.1	334.3	268.5
0:32:30	97.6	92.6	976.1	706.0	560.0	453.4	351.9	277.7
0:35:00	100.5	95.1	992.1	724.5	582.8	471.9	374.8	290.6
0:37:30	102.3	96.9	754.7	737.8	599.3	482.1	387.2	300.5
0:40:00	105.0	99.6	986.9	756.2	625.2	498.9	408.7	323.6
0:42:30	109.0	103.3	1054.0	774.0	641.9	513.0	423.2	340.2
0:45:00	112.8	106.9	1061.0	787.1	655.9	529.4	438.5	358.1
0:47:30	115.9	110.0	1064.9	793.1	665.2	540.6	448.5	370.0
0:50:00	119.4	114.9	1068.1	799.4	576.5	555.5	459.8	385.4
0:52:30	124.0	118.1	1072.1	802.3	580.2	562.9	464.8	393.3
0:55:00	131.4	125.5	1086.6	811.7	590.6	577.1	474.8	406.9
0:57:30	137.7	131.4	1099.6	820.5	598.5	588.1	482.9	415.2
1:00:00	146.8	139.7	1114.0	746.1	616.9	600.5	493.6	424.6
1:02:30	153.2	145.6	1120.6	837.6	617.3	607.0	500.1	429.8
1:05:00	162.6	157.6	1133.1	781.8	627.8	618.3	512.0	437.6
1:07:30	174.8	165.9	1132.8	796.1	634.2	625.9	519.9	441.8
1:10:00	184.5	172.9	1153.0	856.5	642.3	634.6	528.3	446.8
1:12:30	194.0	180.1	1149.4	880.6	648.7	641.1	534.5	451.3
1:15:00	205.1	194.3	1165.0	722.3	656.2	649.7	542.5	458.3
1:17:30	209.9	202.0	1145.7	676.8	660.8	654.3	546.7	462.6
1:20:00	216.5	209.8	1111.2	680.1	668.7	662.0	554.0	470.9
1:22:30	219.8	213.5	1008.1	657.3	674.7	666.9	558.9	476.4
1:25:00	223.9	219.2	1020.7	655.4	683.4	672.8	564.9	483.0
1:27:30	226.2	222.4	1101.5	659.5	688.3	677.0	569.0	487.4
1:30:00	231.6	228.9	1193.8	663.1	694.8	683.5	576.5	495.6
1:32:30	236.3	233.8	1202.7	667.9	698.5	687.2	581.3	501.1
1:35:00	241.5	238.7	1206.1	672.7	702.7	691.3	586.5	506.8
1:37:30	243.5	242.5	1209.7	681.9	709.3	694.6	590.8	511.2
1:40:00	247.7	248.5	1213.7	690.2	714.5	700.2	597.5	517.7
1:42:30	251.1	252.1	1212.2	696.7	715.5	703.6	601.4	521.5
1:45:00	258.4	258.5	1205.2	671.2	697.7	693.1	608.4	528.3

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TIME hr:min:sec	TC 353	TC 354	TC 355	TC 356	TC 357	TC 358	TC 359	TC 360
1:47:30	263.8	263.7	1120.2	692.8	717.7	677.6	612.1	527.0
1:50:00	270.8	270.5	815.3	733.4	667.9	725.0	614.7	538.7
1:52:30	275.9	275.4	733.4	697.1	721.9	723.2	618.7	544.8
1:55:00	284.3	283.3	815.1	779.6	793.2	712.1	740.7	758.1
1:57:30	291.1	289.8	842.7	806.8	816.4	709.0	724.0	795.4
2:00:00	298.3	296.8	878.9	851.4	832.9	750.7	697.7	793.6
2:02:30	304.1	302.4	871.3	918.3	894.8	756.0	751.0	892.4
2:05:00	311.7	310.0	893.7	853.0	818.3	895.0	920.4	893.0
2:07:30	316.1	314.4	914.9	915.8	795.8	832.8	952.6	725.7
2:10:00	322.2	320.7	972.7	823.5	777.5	914.1	948.7	674.8
2:12:30	329.4	328.0	795.4	873.5	902.3	946.8	715.4	753.6
2:15:00	333.7	332.2	744.7	809.9	774.7	952.6	724.9	902.9
2:17:30	339.3	337.8	907.8	744.1	829.0	993.5	724.5	830.8
2:20:00	343.2	341.8	823.3	797.7	849.1	998.7	724.4	766.9
2:22:30	347.0	345.9	704.3	827.3	818.0	924.6	732.9	727.6
2:25:00	350.2	349.3	741.9	923.5	813.0	945.5	767.9	761.5
2:27:30	353.4	353.0	692.0	925.4	832.0	973.2	856.6	958.9
2:30:00	355.3	355.1	808.4	929.6	901.2	947.6	925.3	936.4
2:32:30	357.5	357.6	829.0	891.5	1002.8	970.1	867.9	808.1
2:35:00	359.1	359.4	823.0	956.3	922.2	954.8	840.1	816.6
2:37:30	361.2	361.9	809.2	923.0	915.9	973.5	744.8	808.9
2:40:00	362.3	363.2	825.2	936.2	967.4	820.9	769.4	676.1
2:42:30	364.2	365.5	745.3	917.0	990.8	862.0	802.2	748.2
2:45:00	365.7	367.8	810.0	853.5	977.6	898.7	857.8	786.4
2:47:30	367.6	369.1	843.8	835.5	989.1	697.6	837.8	755.7
2:50:00	370.6	372.1	756.2	921.5	949.5	765.4	660.9	724.3
2:52:30	372.9	374.5	715.6	958.8	905.8	792.7	685.3	759.4
2:55:00	374.8	376.6	743.1	884.5	869.2	812.4	674.5	800.2
2:57:30	377.7	379.9	775.5	898.9	962.2	787.5	635.9	806.7
3:00:00	380.0	382.5	797.6	928.9	1002.4	927.8	749.2	853.3
3:02:30	382.9	385.6	817.4	992.5	771.0	887.7	694.3	843.9
3:05:00	385.6	389.7	841.0	940.3	921.3	989.1	735.5	869.6
3:07:30	389.1	392.7	781.5	1012.2	791.2	980.9	754.4	926.6
3:10:00	391.4	396.4	800.7	975.5	814.2	724.6	747.3	853.5

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## TEMPERATURES, °F

TIME hr:min:sec	TC 361	TC 362	TC 363	TC 364	TC 365	TC 366	TC 367	TC 368
0:00:00	82.1	82.2	82.2	82.5	82.9	83.6	91.7	116.6
0:05:00	95.0	93.7	99.0	104.0	129.8	145.5	245.6	351.9
0:07:30	108.7	106.1	113.7	120.7	153.6	177.4	284.2	395.0
0:10:00	129.4	124.8	134.9	143.7	194.4	231.5	341.1	477.4
0:12:30	142.6	136.7	148.2	158.2	218.5	241.6	374.4	519.2
0:15:00	168.1	159.6	172.3	188.9	232.3	259.0	423.6	575.1
0:17:30	185.3	174.8	187.5	211.7	244.6	276.4	461.5	606.4
0:20:00	204.6	191.8	204.2	218.2	268.9	308.8	498.8	648.0
0:22:30	218.2	204.2	217.0	224.1	283.8	333.4	527.1	677.9
0:25:00	238.3	222.8	236.5	244.5	308.2	368.9	556.7	718.2
0:27:30	254.3	238.3	253.4	261.1	333.1	399.3	583.7	750.5
0:30:00	270.4	253.4	269.1	283.4	356.7	424.8	599.2	774.9
0:32:30	278.8	265.1	281.4	298.6	374.7	444.1	628.3	795.1
0:35:00	295.5	279.1	297.4	316.6	395.3	466.3	614.5	820.4
0:37:30	304.9	288.0	307.1	326.4	406.8	479.3	622.4	837.4
0:40:00	325.9	306.3	326.9	342.4	427.8	506.2	651.2	842.1
0:42:30	342.5	320.3	337.9	351.0	438.3	519.9	672.8	854.0
0:45:00	359.5	338.1	349.6	359.1	448.4	532.9	683.9	811.9
0:47:30	370.3	348.9	358.7	366.9	455.4	542.2	699.1	764.7
0:50:00	384.1	362.3	371.0	377.0	464.8	554.3	729.6	756.4
0:52:30	391.1	368.9	377.3	384.3	470.1	562.7	733.1	857.3
0:55:00	403.0	380.0	388.1	391.4	479.8	570.6	739.0	855.9
0:57:30	410.4	386.7	394.6	397.7	487.0	578.8	747.8	835.2
1:00:00	418.9	394.3	401.9	403.9	496.7	588.7	758.1	835.6
1:02:30	422.2	399.4	407.0	409.1	503.4	594.1	764.1	857.0
1:05:00	432.5	406.8	414.5	416.3	513.3	601.2	773.1	927.8
1:07:30	438.1	411.9	420.1	421.7	520.1	605.9	779.8	827.0
1:10:00	444.1	417.3	426.0	427.5	526.8	614.1	786.9	826.9
1:12:30	448.5	421.4	430.4	431.8	531.3	620.3	791.8	887.3
1:15:00	454.4	427.0	436.2	437.3	537.1	628.6	799.1	971.8
1:17:30	457.8	430.1	439.6	440.6	540.6	633.2	803.6	932.1
1:20:00	464.2	436.3	446.3	447.3	547.7	641.7	811.7	957.6
1:22:30	468.6	440.5	450.9	452.5	552.4	646.8	816.9	957.4
1:25:00	474.3	445.9	456.8	459.6	558.5	653.5	823.9	953.0
1:27:30	476.8	449.6	460.9	464.3	562.6	657.7	828.3	953.8
1:30:00	485.2	455.8	468.0	472.3	570.0	664.9	836.0	955.1
1:32:30	490.0	460.8	473.7	478.9	576.7	670.5	843.0	960.0
1:35:00	495.2	460.2	480.0	486.0	583.1	677.1	851.6	964.2
1:37:30	499.6	470.9	485.3	492.3	588.6	682.2	857.8	942.8
1:40:00	505.9	477.7	492.5	500.0	595.5	687.9	854.9	932.0
1:42:30	509.7	481.8	497.0	504.7	599.2	691.2	869.0	916.3
1:45:00	515.3	489.8	505.3	513.0	605.3	695.9	873.2	848.1

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TIME hr:min:sec	TC 361	TC 362	TC 363	TC 364	TC 365	TC 366	TC 367	TC 368
1:47:30	815.2	495.9	533.8	518.2	609.1	697.6	672.4	874.3
1:50:00	672.6	500.8	536.2	587.4	614.0	695.1	844.2	836.8
1:52:30	635.8	602.2	596.6	639.1	617.8	719.2	744.1	711.6
1:55:00	682.2	689.3	651.0	624.5	668.4	789.1	730.3	785.5
1:57:30	713.9	671.6	644.9	702.5	711.1	804.9	732.9	787.5
2:00:00	737.0	743.5	778.0	799.3	792.0	770.9	723.8	880.0
2:02:30	863.5	792.7	829.8	822.6	634.5	780.9	768.6	767.3
2:05:00	821.4	878.1	965.1	898.4	817.8	845.2	794.4	760.4
2:07:30	880.2	809.1	986.5	936.9	911.5	902.1	848.6	806.5
2:10:00	870.6	916.7	898.8	925.3	1008.2	789.0	843.4	724.8
2:12:30	934.5	735.0	910.5	814.4	943.9	841.3	712.8	694.2
2:15:00	1081.3	719.3	894.7	1072.5	1023.5	843.9	827.1	716.3
2:17:30	724.9	785.8	824.3	1054.4	784.5	851.2	910.4	805.6
2:20:00	756.3	808.6	814.0	983.6	849.5	745.2	960.5	733.5
2:22:30	776.5	831.4	852.8	1045.0	1024.5	976.1	888.7	716.8
2:25:00	830.0	884.2	951.4	1110.1	990.5	888.8	856.8	793.0
2:27:30	852.0	970.6	881.7	1001.6	981.7	968.2	1053.0	944.7
2:30:00	902.9	951.5	823.6	1026.7	945.1	1110.0	845.7	972.6
2:32:30	774.7	977.1	859.6	1045.1	976.1	1140.9	874.4	989.5
2:35:00	877.8	982.0	816.8	1079.9	1073.9	1004.5	816.3	952.4
2:37:30	897.6	981.3	851.1	1081.2	876.5	1042.3	937.6	1033.2
2:40:00	945.7	979.0	758.5	1066.7	1068.6	1129.2	876.6	1012.4
2:42:30	957.8	737.5	789.4	1111.0	949.3	918.6	782.3	914.7
2:45:00	1035.3	929.6	853.3	993.9	944.5	1012.2	917.4	744.8
2:47:30	831.2	771.5	848.1	1020.2	950.2	995.8	876.7	746.5
2:50:00	965.5	789.6	735.7	921.0	988.9	1010.5	894.5	685.0
2:52:30	978.0	819.1	796.0	776.3	1008.2	1010.7	906.0	664.3
2:55:00	975.3	825.8	735.0	978.6	882.2	971.8	932.1	711.6
2:57:30	918.8	878.5	757.2	853.6	876.0	932.4	772.7	727.2
3:00:00	989.8	914.1	799.3	910.1	895.8	970.0	992.4	757.8
3:02:30	980.4	947.2	804.7	975.2	931.7	949.2	1001.4	788.7
3:05:00	1022.2	1000.6	820.6	800.7	977.8	790.8	1126.1	828.8
3:07:30	1059.6	921.4	823.0	874.8	847.9	772.0	1062.7	1089.3
3:10:00	1070.6	903.5	771.6	771.1	834.9	725.4	1065.1	879.6

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TIME hr:min:sec	TC 369	TC 370	TC 371	TC 372	TC 373	TC 374	TC 375	TC 376
0:00:00	82.2	82.0	82.0	82.2	82.0	82.2	82.0	82.0
0:05:00	82.1	82.1	82.1	84.9	82.2	82.4	82.1	82.4
0:07:30	82.1	82.1	82.4	87.9	82.6	83.0	82.8	83.2
0:10:00	82.2	82.2	83.3	93.0	84.4	85.1	85.0	85.8
0:12:30	82.4	82.6	84.4	96.5	86.3	87.1	87.0	87.8
0:15:00	82.9	84.0	87.4	104.8	91.4	91.6	91.3	91.9
0:17:30	83.6	85.8	90.2	112.7	95.9	95.1	94.3	94.8
0:20:00	84.8	88.9	94.5	121.5	102.0	99.8	97.8	98.3
0:22:30	86.1	91.6	98.1	128.1	107.1	103.9	100.6	101.2
0:25:00	88.4	96.1	104.8	137.2	115.7	112.5	106.5	106.4
0:27:30	90.8	100.3	112.4	145.1	125.6	127.5	121.2	114.2
0:30:00	93.8	105.2	123.6	154.3	141.0	146.7	149.9	136.8
0:32:30	96.9	110.1	134.2	164.5	155.9	161.7	166.5	159.2
0:35:00	102.7	118.7	148.4	183.9	172.5	177.9	182.4	178.2
0:37:30	107.6	125.8	158.2	204.0	182.7	186.3	190.2	187.7
0:40:00	125.2	180.8	193.6	214.8	209.4	209.3	209.1	205.6
0:42:30	172.2	205.7	207.9	213.9	210.7	210.5	211.3	208.5
0:45:00	198.5	210.7	210.9	221.4	211.2	211.1	211.7	209.2
0:47:30	207.5	211.1	211.1	232.1	211.3	211.1	212.0	209.4
0:50:00	209.2	211.2	211.2	239.8	211.4	211.2	212.1	211.2
0:52:30	209.3	211.2	211.2	244.1	212.5	211.2	212.0	211.7
0:55:00	208.8	211.2	211.2	247.7	214.8	211.3	212.2	211.7
0:57:30	209.4	211.1	211.2	250.6	217.0	211.5	212.4	211.8
1:00:00	209.5	211.1	211.1	254.1	219.6	212.0	212.7	212.1
1:02:30	209.4	211.1	211.3	256.8	221.1	212.7	213.0	212.5
1:05:00	209.6	211.1	214.6	260.4	223.1	214.2	213.2	212.7
1:07:30	209.8	210.9	216.0	263.2	224.6	217.8	213.4	213.1
1:10:00	209.9	210.8	217.4	266.3	227.1	224.8	213.9	214.1
1:12:30	210.0	210.8	218.3	268.8	230.3	234.8	215.1	216.4
1:15:00	210.1	210.7	219.4	272.4	238.2	259.2	220.2	221.9
1:17:30	210.2	210.7	220.1	274.5	245.1	289.1	229.3	229.9
1:20:00	210.4	211.0	221.8	279.3	266.5	318.2	246.8	242.4
1:22:30	210.3	211.3	223.4	283.5	290.0	337.0	279.6	260.5
1:25:00	210.3	212.3	226.2	289.8	316.7	360.2	329.7	295.4
1:27:30	210.3	213.0	228.4	295.0	332.0	383.9	357.6	320.2
1:30:00	210.5	214.4	233.0	304.9	355.3	429.6	384.0	349.6
1:32:30	211.2	215.6	236.9	313.6	379.7	461.9	423.0	370.0
1:35:00	211.9	217.1	241.7	323.9	410.8	502.8	464.5	402.2
1:37:30	212.6	218.3	245.8	332.5	434.7	535.8	495.7	435.2
1:40:00	214.0	220.3	252.3	345.0	469.6	580.7	549.5	478.0
1:42:30	215.6	221.7	256.7	352.7	493.2	609.0	580.4	504.5
1:45:00	220.4	224.6	267.1	368.3	591.0	639.3	626.4	561.7

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TIME hr:min:sec	TC 369	TC 370	TC 371	TC 372	TC 373	TC 374	TC 375	TC 376
1:47:30	224.0	224.8	275.3	379.4	623.6	611.0	657.2	603.2
1:50:00	228.5	639.5	621.1	535.4	660.3	677.9	668.2	656.8
1:52:30	231.0	681.7	380.2	652.7	673.3	708.5	704.5	692.3
1:55:00	628.0	748.1	632.2	691.0	734.1	755.6	775.8	678.8
1:57:30	732.1	776.6	734.7	557.8	801.6	790.3	840.0	718.7
2:00:00	754.0	783.8	606.6	603.7	773.5	856.8	900.0	777.4
2:02:30	792.0	821.4	938.2	811.6	890.4	839.8	907.7	818.4
2:05:00	873.3	804.4	853.0	876.2	909.7	938.2	754.5	870.0
2:07:30	913.2	877.3	842.7	860.0	971.2	904.2	772.4	783.5
2:10:00	948.7	849.9	1065.7	1036.8	1005.2	981.3	897.1	970.5
2:12:30	975.8	882.1	972.0	1060.5	723.9	992.5	1037.1	922.3
2:15:00	1014.4	889.3	853.2	722.5	958.1	1050.0	1056.3	994.1
2:17:30	1012.4	916.4	766.6	808.5	928.3	1092.2	1032.4	1031.3
2:20:00	1014.8	1020.4	763.3	776.2	820.3	924.9	930.4	907.1
2:22:30	928.8	943.0	687.8	849.6	749.7	948.0	839.5	976.3
2:25:00	940.3	938.8	721.6	886.0	784.6	981.7	955.6	954.5
2:27:30	1029.4	1011.9	760.7	882.1	826.9	826.2	980.4	992.1
2:30:00	893.6	905.5	763.1	898.3	903.0	796.0	1006.0	1008.0
2:32:30	725.9	872.5	800.0	915.2	678.3	622.8	924.9	1024.6
2:35:00	931.2	938.4	869.4	885.9	759.7	643.7	825.7	996.4
2:37:30	888.4	973.6	905.9	878.1	730.4	697.5	867.1	895.9
2:40:00	725.3	751.4	936.7	674.4	782.9	752.1	673.4	996.1
2:42:30	740.4	744.3	729.4	613.0	820.2	771.8	876.6	885.6
2:45:00	772.0	750.8	796.9	589.9	720.6	809.1	896.8	628.0
2:47:30	871.6	802.8	771.1	605.5	753.2	761.5	786.9	621.0
2:50:00	1000.5	808.7	721.3	656.7	752.4	803.2	725.6	695.5
2:52:30	982.2	754.4	703.6	684.7	711.1	816.3	823.1	670.7
2:55:00	784.7	741.2	737.9	746.6	750.3	860.2	805.3	671.6
2:57:30	996.9	825.4	762.0	761.5	792.4	823.2	848.5	676.9
3:00:00	1021.7	864.9	821.5	818.9	894.3	896.0	890.1	700.1
3:02:30	852.6	723.8	845.7	674.4	716.5	896.8	915.9	738.5
3:05:00	1018.1	911.3	889.2	736.3	732.0	931.6	949.0	757.1
3:07:30	984.1	884.9	826.2	731.9	752.1	969.6	939.1	796.8
3:10:00	699.3	917.4	844.6	754.0	796.8	966.5	963.5	883.6

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## TEMPERATURES, °F

TIME hr:min:sec	TC 377	TC 378	TC 379	TC 380	TC 381	TC 382	TC 383	TC 384
0:00:00	82.3	82.2	81.9	81.6	81.6	81.6	81.4	81.6
0:05:00	82.3	82.2	81.9	81.6	81.5	81.6	81.4	81.7
0:07:30	82.4	82.2	81.9	81.7	81.5	81.6	81.4	81.6
0:10:00	82.6	82.5	82.2	82.4	81.8	82.0	81.7	82.0
0:12:30	82.8	82.8	82.7	83.6	82.2	82.4	82.0	82.2
0:15:00	83.6	83.8	84.4	88.4	84.0	84.0	83.6	83.1
0:17:30	84.2	84.9	86.2	93.3	86.1	85.9	85.7	84.6
0:20:00	85.3	86.7	88.6	99.6	89.4	88.9	89.0	87.7
0:22:30	86.4	88.3	90.7	104.2	92.3	91.7	92.2	91.1
0:25:00	88.3	90.9	93.9	110.9	96.8	96.2	97.4	97.7
0:27:30	90.3	93.4	96.7	116.2	100.7	100.4	102.2	105.3
0:30:00	92.5	95.9	99.6	121.4	104.9	104.8	107.2	115.4
0:32:30	94.6	98.2	102.1	125.9	108.5	108.6	111.4	126.6
0:35:00	97.4	101.1	106.0	132.1	113.6	113.8	117.0	153.6
0:37:30	99.2	103.0	108.9	138.3	116.9	117.4	121.0	191.9
0:40:00	102.6	106.7	117.3	145.8	125.1	126.4	131.9	206.4
0:42:30	105.0	109.8	127.0	153.0	133.4	135.0	141.5	208.6
0:45:00	108.1	114.2	142.4	161.5	147.0	150.3	158.6	209.4
0:47:30	110.6	118.5	154.5	167.2	158.1	169.5	179.9	209.6
0:50:00	114.8	128.2	168.9	183.0	207.3	210.7	210.5	210.8
0:52:30	120.0	210.8	210.6	210.8	210.8	211.2	212.9	210.9
0:55:00	196.7	211.0	210.7	210.9	211.1	211.1	213.2	210.9
0:57:30	211.2	210.9	210.7	210.9	210.9	211.1	213.0	210.9
1:00:00	211.1	210.9	210.7	210.9	211.0	211.1	212.8	210.8
1:02:30	211.6	211.0	210.8	211.0	211.1	211.1	212.8	210.8
1:05:00	212.8	210.9	210.7	211.0	211.1	211.1	212.7	210.8
1:07:30	212.8	210.9	210.6	210.9	211.0	211.0	212.7	210.7
1:10:00	212.9	211.0	210.6	210.9	210.9	211.0	212.7	210.7
1:12:30	213.1	211.0	210.6	210.8	210.9	211.1	212.9	210.6
1:15:00	213.4	211.1	210.5	210.8	211.0	211.4	213.3	210.6
1:17:30	213.9	211.5	210.5	210.8	211.1	212.4	213.6	210.6
1:20:00	214.7	212.5	210.4	210.6	212.0	213.2	213.8	210.4
1:22:30	215.3	213.3	210.5	210.8	213.0	213.9	214.0	210.4
1:25:00	215.6	213.9	210.7	211.2	213.7	214.7	214.3	210.4
1:27:30	215.7	214.2	212.3	212.5	214.3	215.5	214.6	210.2
1:30:00	215.6	214.9	213.6	214.1	215.7	216.9	215.3	210.6
1:32:30	216.0	215.3	214.1	215.4	216.9	218.5	216.0	210.8
1:35:00	216.1	215.9	214.8	217.0	218.7	220.7	217.0	211.5
1:37:30	216.3	216.3	215.4	218.7	220.5	223.1	218.2	212.8
1:40:00	216.6	217.2	216.5	222.0	224.2	227.4	220.5	216.0
1:42:30	217.0	218.1	217.9	226.5	228.4	232.4	223.6	220.4
1:45:00	217.4	219.4	219.7	232.7	233.5	238.3	227.3	226.4

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TIME hr:min:sec	TC 377	TC 378	TC 379	TC 380	TC 381	TC 382	TC 383	TC 384
1:47:30	217.8	220.7	221.9	240.8	239.1	245.2	231.7	235.2
1:50:00	218.4	222.7	225.1	253.4	247.4	255.3	238.7	251.0
1:52:30	219.0	224.5	228.2	263.4	254.2	263.8	244.7	262.3
1:55:00	220.1	228.2	234.1	280.9	266.5	279.1	257.4	280.5
1:57:30	221.2	231.7	239.8	296.4	278.1	292.8	271.8	294.9
2:00:00	222.7	236.2	246.9	314.5	292.4	309.5	291.8	310.3
2:02:30	224.3	240.8	254.0	328.8	305.8	325.6	309.9	324.0
2:05:00	226.9	248.3	265.8	350.0	328.8	350.9	343.2	344.1
2:07:30	228.8	253.7	274.4	363.1	343.5	367.4	365.3	357.3
2:10:00	233.0	265.5	294.0	390.0	374.0	399.4	400.9	383.5
2:12:30	236.5	275.2	310.2	410.7	398.3	420.0	413.0	401.9
2:15:00	241.4	287.9	336.3	434.1	425.5	438.8	430.6	423.5
2:17:30	245.5	298.2	359.1	451.5	441.7	454.6	453.1	440.3
2:20:00	252.7	314.6	393.5	479.5	464.2	483.9	493.8	467.5
2:22:30	258.6	329.9	422.3	506.3	489.5	513.9	524.9	491.8
2:25:00	266.6	346.4	446.9	538.5	520.9	545.8	558.8	516.5
2:27:30	273.8	362.3	470.0	568.2	550.8	572.3	593.7	540.1
2:30:00	312.3	507.5	506.0	593.3	583.3	614.2	637.7	805.8
2:32:30	546.9	503.6	542.0	1161.5	1049.2	810.3	1117.6	884.8
2:35:00	345.4	505.6	602.1	1082.8	1049.9	800.6	1083.7	929.1
2:37:30	388.0	599.3	649.6	1158.3	1110.4	916.4	1084.8	973.4
2:40:00	450.7	714.4	707.1	1177.8	1142.9	928.5	1133.7	901.4
2:42:30	583.4	786.8	757.9	1168.7	1165.1	1026.2	1003.3	924.1
2:45:00	684.9	848.3	829.3	1192.1	1172.1	889.0	1068.8	977.4
2:47:30	701.0	856.4	881.1	1174.2	1029.4	853.8	1096.2	949.9
2:50:00	730.4	846.6	970.6	899.6	1154.4	919.5	1099.3	948.0
2:52:30	730.7	861.4	891.9	1169.3	1066.9	988.4	1065.2	855.0
2:55:00	747.9	904.9	645.0	1212.7	767.8	801.9	992.5	952.0
2:57:30	774.0	936.8	297.2	1160.1	806.4	846.8	1094.3	979.5
3:00:00	827.5	999.3	-103.8	1085.8	989.9	945.0	867.8	916.5
3:02:30	859.9	1027.8	-13.5	1119.6	1012.8	1012.5	824.3	948.0
3:05:00	891.4	995.6	-216.2	1130.4	1024.8	1001.0	869.3	1017.1
3:07:30	933.1	915.4	49.9	1168.1	881.0	981.4	909.7	797.1
3:10:00	969.9	938.2	-90.0	1001.7	888.6	1031.7	841.0	886.9

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TIME hr:min:sec	TC 385	TC 386	TC 387	TC 388	TC 389	TC 390	TC 391	TC 392
0:00:00	81.5	81.6	81.3	81.5	81.3	81.4	81.0	80.9
0:05:00	81.5	81.7	81.3	81.5	81.3	82.4	81.8	81.4
0:07:30	81.4	81.8	81.4	81.6	81.6	86.7	84.8	82.8
0:10:00	81.6	82.1	82.1	82.3	83.5	102.8	89.0	86.7
0:12:30	81.8	82.6	82.9	83.4	86.5	115.8	93.5	89.2
0:15:00	83.2	85.1	85.9	87.9	95.3	130.6	107.5	98.7
0:17:30	85.0	88.2	89.0	92.1	102.2	136.5	116.5	107.2
0:20:00	88.6	93.3	93.2	97.3	110.3	144.7	126.1	117.2
0:22:30	92.5	99.1	98.6	101.5	115.6	149.8	132.9	125.2
0:25:00	100.8	111.0	101.8	107.7	124.1	156.5	141.1	134.7
0:27:30	109.6	123.0	106.3	113.4	132.5	161.6	148.0	142.6
0:30:00	121.4	138.4	111.5	119.0	146.3	167.5	154.7	150.4
0:32:30	134.7	157.5	117.3	122.5	161.1	171.1	160.5	156.9
0:35:00	164.4	191.9	132.3	131.2	172.9	179.7	168.5	164.7
0:37:30	187.7	203.2	142.8	139.4	179.7	184.7	173.5	170.8
0:40:00	208.3	208.9	168.9	159.6	188.2	182.7	180.8	180.1
0:42:30	209.7	209.6	192.1	184.2	196.3	186.8	187.1	185.7
0:45:00	210.6	210.6	207.6	200.3	205.7	192.9	197.8	193.3
0:47:30	210.6	210.7	210.1	205.6	209.0	202.4	205.7	201.7
0:50:00	210.7	210.7	210.8	208.6	211.9	208.9	210.5	210.8
0:52:30	210.8	210.8	210.9	210.9	212.4	210.0	211.2	211.8
0:55:00	210.7	210.7	210.9	211.1	212.4	210.1	211.2	211.9
0:57:30	210.6	210.7	210.8	211.1	212.4	209.1	210.5	210.8
1:00:00	210.4	210.5	210.8	211.1	212.5	204.9	210.8	208.7
1:02:30	210.6	210.6	210.8	211.2	212.8	233.1	216.4	214.1
1:05:00	210.5	210.5	210.7	211.5	213.6	265.8	229.5	226.9
1:07:30	210.4	210.4	210.7	211.4	214.4	271.2	238.4	241.7
1:10:00	210.4	210.3	210.6	211.5	215.6	282.9	247.4	240.6
1:12:30	210.3	210.3	210.5	211.7	216.7	288.1	249.8	239.0
1:15:00	210.2	210.2	210.5	212.1	218.1	267.0	249.4	244.8
1:17:30	210.2	210.1	210.5	212.6	219.3	285.5	255.1	250.6
1:20:00	210.1	210.0	210.4	213.2	220.2	280.7	262.0	258.7
1:22:30	210.0	210.0	210.5	214.0	221.5	279.5	267.9	267.2
1:25:00	210.0	210.0	210.5	215.7	223.1	284.4	274.7	277.0
1:27:30	209.9	209.8	210.4	217.3	224.5	284.3	279.7	283.4
1:30:00	209.9	209.6	211.0	220.2	227.2	287.3	291.3	293.5
1:32:30	211.2	209.8	217.1	223.3	229.8	298.2	299.2	306.5
1:35:00	213.9	210.2	220.5	227.2	233.4	313.3	308.0	320.0
1:37:30	217.5	215.7	224.1	230.8	236.6	320.7	315.2	329.3
1:40:00	224.8	227.5	231.5	236.6	242.4	331.2	324.1	332.0
1:42:30	231.8	237.7	237.5	243.2	249.5	338.4	332.9	344.4
1:45:00	239.9	249.6	239.7	251.4	259.5	338.6	340.5	355.8

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TIME hr:min:sec	TC 385	TC 386	TC 387	TC 388	TC 389	TC 390	TC 391	TC 392
1:47:30	248.4	263.4	250.0	256.1	274.0	349.9	349.8	376.6
1:50:00	260.5	282.2	268.7	271.0	300.6	358.2	361.7	374.9
1:52:30	270.1	295.9	285.7	282.9	322.3	372.2	367.1	379.0
1:55:00	287.1	317.0	316.5	310.0	357.4	389.1	378.0	389.9
1:57:30	301.8	334.2	343.5	338.8	381.3	400.6	387.8	399.6
2:00:00	318.3	355.0	369.3	369.4	394.4	417.6	399.0	410.0
2:02:30	332.8	373.4	379.9	390.6	404.7	438.5	407.3	416.8
2:05:00	354.5	398.4	386.2	400.4	428.1	458.2	419.5	430.8
2:07:30	368.8	413.7	394.9	408.4	446.2	453.7	426.7	434.5
2:10:00	398.9	442.8	422.5	437.3	477.3	473.1	440.0	446.9
2:12:30	420.0	463.0	449.3	466.9	498.1	486.7	450.0	457.3
2:15:00	443.5	486.5	478.3	496.6	524.1	506.1	462.9	468.9
2:17:30	460.9	505.0	495.9	516.7	540.0	504.1	472.4	477.1
2:20:00	486.2	531.3	524.3	557.3	588.6	517.8	487.6	490.6
2:22:30	507.3	555.4	555.9	562.5	631.9	539.9	500.8	501.9
2:25:00	528.6	579.9	580.7	589.8	604.9	558.4	514.7	513.9
2:27:30	549.8	602.2	590.4	608.0	675.0	568.6	526.6	525.4
2:30:00	604.3	641.8	593.7	635.3	867.6	588.1	542.4	539.6
2:32:30	1069.4	974.5	663.6	1083.7	1121.8	525.1	554.8	551.7
2:35:00	1094.8	1005.0	558.9	1091.2	1084.0	527.6	577.7	569.1
2:37:30	1152.1	1096.5	742.6	1155.5	1172.1	527.1	570.1	530.6
2:40:00	1191.4	1157.7	818.2	1193.5	1207.8	536.5	525.0	538.4
2:42:30	1146.9	1129.2	881.9	1197.0	1240.2	560.2	542.9	539.3
2:45:00	1171.5	1008.0	954.0	1205.4	1273.9	567.0	549.4	563.9
2:47:30	1269.8	876.0	1014.6	1235.5	1298.6	569.1	552.3	566.3
2:50:00	1300.2	917.8	950.1	1286.3	1306.2	590.9	581.5	587.5
2:52:30	1302.4	988.7	965.2	1257.7	1278.5	638.9	584.8	609.3
2:55:00	1290.6	930.9	957.5	1250.4	1258.8	636.5	610.6	615.4
2:57:30	1073.8	934.8	924.8	1232.1	1248.2	625.0	649.5	647.1
3:00:00	915.9	986.6	906.9	1242.9	1235.7	630.4	658.5	658.0
3:02:30	1218.3	1039.6	743.5	1133.9	1272.7	623.0	661.8	598.8
3:05:00	1003.7	1077.0	753.3	1159.6	1281.8	619.5	665.8	625.1
3:07:30	1105.7	1084.1	757.3	1172.4	1267.4	618.3	670.7	615.2
3:10:00	994.0	1028.3	1007.0	917.6	1054.6	650.3	629.2	575.0

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TIME hr:min:sec	TC 393	TC 394	TC 395	TC 396	TC 397	TC 398	TC 399	TC 400
0:00:00	80.7	80.8	80.4	80.7	80.3	80.7	80.6	81.7
0:05:00	80.9	80.8	80.4	80.7	80.3	80.6	80.5	81.6
0:07:30	81.3	80.9	80.5	80.7	80.4	80.8	80.6	81.7
0:10:00	85.0	81.4	80.9	80.9	80.8	81.5	81.1	82.1
0:12:30	87.4	81.9	81.2	81.2	81.2	82.9	81.7	82.8
0:15:00	96.6	84.1	82.9	82.6	82.7	84.7	82.8	83.8
0:17:30	104.1	86.7	84.9	84.0	84.3	86.8	84.2	85.2
0:20:00	113.5	91.0	88.2	86.5	86.9	90.5	86.6	87.5
0:22:30	121.1	95.2	91.4	89.1	89.5	93.5	89.0	90.1
0:25:00	130.9	102.4	97.1	94.1	94.3	99.1	93.5	94.4
0:27:30	138.8	109.1	102.4	99.0	99.1	104.0	98.0	98.9
0:30:00	145.7	116.8	108.8	105.3	104.7	109.2	103.3	104.5
0:32:30	153.0	123.3	115.0	110.6	109.4	114.8	107.8	109.2
0:35:00	161.0	134.4	126.6	119.4	116.1	120.8	114.2	115.4
0:37:30	166.9	145.3	137.4	126.2	120.7	124.9	118.3	119.3
0:40:00	177.1	167.4	161.0	142.9	130.7	133.6	126.6	126.9
0:42:30	184.7	184.3	179.5	159.9	141.1	140.6	133.1	132.0
0:45:00	190.0	200.5	198.0	186.5	160.2	149.7	141.0	138.1
0:47:30	196.8	206.5	206.0	199.8	188.6	167.6	151.0	144.1
0:50:00	208.4	208.2	209.2	208.2	204.0	204.3	203.1	168.2
0:52:30	210.1	209.1	210.0	209.4	206.6	206.4	206.9	207.5
0:55:00	210.0	209.4	210.0	209.4	207.0	206.7	207.4	207.4
0:57:30	208.2	208.5	210.0	208.6	206.4	206.4	212.1	206.6
1:00:00	205.4	205.7	204.8	204.6	202.3	204.9	209.0	202.9
1:02:30	213.2	206.7	205.2	205.5	204.4	206.3	209.0	202.6
1:05:00	225.7	207.8	205.5	211.3	205.3	209.3	210.3	202.7
1:07:30	233.1	209.7	206.4	216.3	208.1	212.5	211.8	202.2
1:10:00	237.3	213.0	208.5	221.2	213.1	216.8	215.2	204.0
1:12:30	238.3	215.3	211.5	227.7	218.9	220.4	219.3	206.0
1:15:00	241.4	219.7	215.8	232.0	225.5	226.8	226.1	209.9
1:17:30	244.4	224.7	220.5	239.4	230.8	231.5	232.2	215.1
1:20:00	250.9	231.4	226.9	245.4	236.0	237.8	237.9	221.0
1:22:30	260.5	238.7	233.8	251.5	241.3	243.8	242.9	225.6
1:25:00	272.0	247.6	243.5	271.3	249.1	252.3	249.8	233.6
1:27:30	276.9	255.7	251.3	285.6	254.4	259.5	254.6	237.5
1:30:00	284.7	267.9	263.2	300.5	266.1	267.7	263.8	245.8
1:32:30	298.6	274.5	271.8	307.5	274.3	275.9	271.0	253.5
1:35:00	312.4	281.8	280.9	318.1	283.6	285.9	279.6	262.8
1:37:30	318.9	288.7	286.2	325.7	287.0	292.3	285.8	270.1
1:40:00	322.2	296.4	294.3	333.2	298.8	306.3	295.5	283.4
1:42:30	335.4	303.9	301.4	339.2	308.8	316.4	304.6	293.8
1:45:00	349.9	312.2	307.6	343.5	317.1	326.6	312.5	300.6

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## TEMPERATURES, °F

TIME hr:min:sec	TC 393	TC 394	TC 395	TC 396	TC 397	TC 398	TC 399	TC 400
1:47:30	359.0	318.6	313.9	347.0	324.0	334.7	319.4	307.8
1:50:00	359.9	325.7	322.0	350.8	331.5	342.4	327.8	317.7
1:52:30	373.6	331.2	327.7	353.5	337.4	348.1	334.4	322.6
1:55:00	379.2	341.4	337.0	358.0	347.0	358.7	345.1	331.4
1:57:30	387.2	347.0	344.1	362.3	354.3	365.2	352.6	339.3
2:00:00	399.4	354.5	351.8	366.9	361.2	374.6	360.1	347.8
2:02:30	405.8	361.6	359.0	370.3	365.1	381.2	366.4	354.5
2:05:00	414.3	370.9	368.3	376.6	374.7	388.8	374.5	363.3
2:07:30	418.9	378.2	373.9	382.0	379.2	398.5	381.9	371.8
2:10:00	428.9	386.8	385.4	390.4	388.3	406.8	388.8	378.7
2:12:30	437.0	394.6	394.0	396.1	395.2	416.2	395.6	385.8
2:15:00	449.4	404.3	403.8	405.7	403.1	427.4	403.5	393.8
2:17:30	458.9	411.1	410.9	411.1	409.3	435.4	409.4	400.6
2:20:00	471.1	422.0	420.3	413.9	417.6	447.7	418.9	411.0
2:22:30	482.8	430.9	429.8	421.5	425.4	458.6	427.9	418.9
2:25:00	490.2	440.8	439.7	429.7	433.8	469.6	438.7	426.3
2:27:30	498.2	448.9	448.1	439.2	441.8	482.8	448.2	434.5
2:30:00	509.1	460.8	463.1	450.5	452.3	494.9	459.4	445.5
2:32:30	518.2	469.4	472.1	457.0	459.5	503.0	466.7	454.7
2:35:00	532.7	514.2	487.6	473.1	469.4	516.4	478.8	467.9
2:37:30	541.5	519.6	495.4	507.5	478.2	524.0	489.5	479.0
2:40:00	535.0	526.5	504.3	524.8	530.8	529.3	499.1	489.9
2:42:30	542.2	542.3	534.0	550.5	537.4	540.8	529.8	498.3
2:45:00	556.9	562.4	574.0	569.8	547.7	544.4	550.3	511.9
2:47:30	567.4	565.9	577.3	577.2	549.7	553.9	559.5	522.9
2:50:00	581.8	580.6	596.9	580.7	605.2	573.8	578.8	543.9
2:52:30	590.0	574.8	605.8	600.9	614.5	588.2	600.0	555.6
2:55:00	589.5	571.1	624.4	596.1	632.1	603.2	622.3	572.8
2:57:30	602.0	574.9	609.8	624.6	623.2	605.7	633.4	560.6
3:00:00	663.7	599.4	638.9	630.9	634.3	632.4	661.0	589.1
3:02:30	615.1	619.7	609.9	605.0	647.9	597.7	623.7	615.3
3:05:00	592.0	631.6	611.7	593.9	629.0	648.7	675.4	628.3
3:07:30	608.4	644.8	587.3	608.4	639.4	631.8	663.1	639.0
3:10:00	591.1	642.5	561.9	640.0	612.8	637.0	579.1	601.0

FLORIDA POWER CORPORATION  
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## TEMPERATURES, °F

TIME hr:min:sec	TC 401	TC 402	TC 403	TC 404	TC 405	TC 406	TC 407	TC 408
0:00:00	81.8	81.8	82.1	81.9	81.8	81.5	81.4	81.1
0:05:00	81.7	81.8	82.0	82.0	81.8	81.4	81.4	81.1
0:07:30	81.8	81.8	82.0	82.1	81.9	81.5	81.6	81.2
0:10:00	82.0	82.0	82.2	82.5	82.4	81.9	82.3	81.8
0:12:30	82.5	82.4	82.5	83.1	83.2	82.7	84.0	83.2
0:15:00	83.3	83.1	83.0	84.0	84.4	84.0	87.5	85.5
0:17:30	84.4	84.2	83.8	85.2	86.0	86.0	93.8	88.5
0:20:00	86.3	85.8	85.1	87.1	88.8	89.1	102.3	92.8
0:22:30	88.4	87.6	86.6	89.0	91.4	91.8	108.5	96.2
0:25:00	91.9	90.7	89.3	91.7	95.8	96.6	116.7	101.7
0:27:30	95.8	94.2	92.2	94.3	100.3	101.5	122.3	106.4
0:30:00	100.7	98.4	95.9	98.9	107.8	106.4	127.0	111.1
0:32:30	105.2	102.5	99.6	99.2	115.3	110.4	130.8	115.5
0:35:00	111.3	108.2	104.9	102.5	123.8	115.1	135.3	122.1
0:37:30	114.9	111.8	108.2	104.8	128.1	119.2	139.9	129.6
0:40:00	122.0	118.5	114.5	110.0	134.7	123.4	144.7	138.3
0:42:30	126.8	123.2	118.9	113.8	138.2	128.0	150.2	149.6
0:45:00	132.4	128.0	123.4	118.4	141.6	134.7	158.2	165.0
0:47:30	138.0	132.7	128.1	122.4	144.4	142.2	166.2	174.9
0:50:00	149.2	140.2	134.5	129.1	150.7	166.7	186.0	209.3
0:52:30	206.7	170.9	142.8	137.8	202.7	210.2	211.1	210.4
0:55:00	206.9	207.4	205.8	210.2	210.8	210.4	211.0	210.5
0:57:30	208.1	206.4	208.4	210.6	210.8	210.4	210.9	210.4
1:00:00	203.0	202.4	204.3	209.4	209.4	210.4	210.9	210.4
1:02:30	202.0	201.2	202.7	210.8	210.9	210.9	211.3	210.6
1:05:00	201.0	200.1	200.6	211.1	211.5	211.0	211.4	210.7
1:07:30	201.1	200.9	200.1	211.2	212.1	211.0	211.3	210.7
1:10:00	202.2	202.1	199.9	211.2	212.2	211.1	211.4	210.7
1:12:30	204.6	203.4	200.7	211.4	212.2	210.9	211.4	210.7
1:15:00	208.1	205.8	201.1	211.4	212.3	210.9	211.5	210.7
1:17:30	211.5	210.7	202.2	211.5	212.4	211.1	211.5	210.8
1:20:00	215.0	215.6	203.6	211.7	212.8	212.1	211.5	210.8
1:22:30	218.9	220.4	205.6	212.0	213.2	212.7	211.5	210.9
1:25:00	224.5	228.3	209.9	212.7	213.6	213.0	211.8	211.8
1:27:30	228.1	233.5	213.9	213.0	213.6	213.6	213.0	213.6
1:30:00	235.9	243.1	222.2	213.4	213.8	214.1	215.4	217.3
1:32:30	242.2	246.5	228.7	213.7	213.8	214.5	217.2	220.3
1:35:00	249.5	249.8	236.1	213.9	213.9	215.2	219.4	223.8
1:37:30	255.4	255.9	242.1	214.0	214.0	215.8	221.3	227.1
1:40:00	264.9	265.0	247.2	214.3	214.4	217.0	224.7	233.0
1:42:30	274.5	273.1	254.0	214.6	214.7	218.5	228.3	239.8
1:45:00	283.3	281.9	261.1	215.0	215.2	220.2	232.7	249.9

FLORIDA POWER CORPORATION  
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## TEMPERATURES, °F

TIME hr:min:sec	TC 401	TC 402	TC 403	TC 404	TC 405	TC 406	TC 407	TC 408
1:47:30	290.7	290.4	267.6	215.5	215.8	222.3	237.7	265.4
1:50:00	299.2	300.1	275.5	216.3	216.7	225.2	243.9	293.9
1:52:30	305.5	306.2	282.2	216.9	217.6	227.8	249.2	314.0
1:55:00	315.1	315.4	291.4	218.2	219.6	233.0	259.3	337.4
1:57:30	321.6	322.8	298.4	219.6	221.6	237.9	267.8	348.3
2:00:00	330.0	331.0	306.2	221.4	224.2	244.3	278.7	364.1
2:02:30	336.5	338.7	309.9	223.3	226.9	250.4	289.7	378.8
2:05:00	345.5	347.3	315.7	226.4	231.1	259.4	309.8	404.9
2:07:30	353.9	355.0	322.6	229.5	235.7	268.5	333.9	434.6
2:10:00	361.0	361.7	328.7	233.3	241.3	278.9	359.6	458.7
2:12:30	367.5	368.6	334.6	237.7	247.8	291.3	385.7	481.9
2:15:00	375.4	375.7	341.9	244.2	258.3	304.2	414.4	515.4
2:17:30	381.0	381.3	347.2	250.2	263.6	320.8	432.4	543.3
2:20:00	390.8	389.0	355.5	261.0	276.2	377.3	449.8	579.9
2:22:30	397.1	396.1	362.8	272.3	290.8	419.2	465.1	611.3
2:25:00	404.9	403.5	370.1	287.8	313.9	443.0	486.6	643.0
2:27:30	412.1	410.2	376.6	309.0	347.4	452.9	513.2	696.3
2:30:00	421.0	419.8	385.0	349.5	401.3	488.5	553.5	747.2
2:32:30	427.4	425.6	389.9	436.1	433.1	524.8	585.8	737.5
2:35:00	439.7	435.9	399.5	440.7	873.1	574.3	630.4	785.1
2:37:30	449.3	445.3	407.4	485.2	830.9	629.0	684.7	817.4
2:40:00	459.6	455.9	416.6	574.8	1075.9	897.1	720.8	1005.7
2:42:30	468.8	466.1	424.9	561.0	1042.1	1006.4	762.6	1084.5
2:45:00	482.1	478.9	436.7	587.0	822.5	1002.4	792.0	917.9
2:47:30	490.5	487.0	440.3	616.9	965.7	803.0	816.1	993.8
2:50:00	518.4	503.4	458.8	662.1	856.3	762.9	831.4	928.8
2:52:30	545.7	515.2	479.2	725.1	1057.5	794.2	888.0	1043.6
2:55:00	576.7	649.5	496.6	1067.3	1122.1	861.7	867.3	945.6
2:57:30	618.5	655.4	507.3	1011.7	1140.2	866.7	955.9	958.1
3:00:00	628.9	596.5	598.1	990.1	1192.2	912.9	1030.5	1054.4
3:02:30	637.2	639.8	602.8	978.2	1171.2	979.9	846.1	848.8
3:05:00	640.2	673.8	601.6	971.2	1189.4	1023.8	819.4	828.0
3:07:30	644.4	677.4	621.1	1031.5	1227.8	1001.3	926.9	947.1
3:10:00	632.8	636.2	602.6	1060.8	1105.0	1075.2	960.5	651.4

FLORIDA POWER CORPORATION  
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## TEMPERATURES, °F

TIME hr:min:sec	TC 409	TC 410	TC 411	TC 412	TC 413	TC 414	TC 415	TC 416
0:00:00	81.2	81.6	81.6	81.6	81.5	81.3	81.3	81.1
0:05:00	81.2	81.6	81.6	81.5	81.6	81.2	81.2	81.1
0:07:30	81.4	81.7	81.7	81.5	81.8	81.3	81.4	81.5
0:10:00	82.4	82.4	82.0	81.8	82.4	81.8	82.3	83.3
0:12:30	84.4	84.8	82.6	82.0	83.4	83.1	84.0	87.7
0:15:00	87.6	88.8	83.8	82.6	85.0	85.1	86.8	93.2
0:17:30	91.7	96.1	85.9	83.8	88.1	87.8	90.5	99.1
0:20:00	97.0	105.5	89.6	86.3	94.6	91.4	95.7	105.9
0:22:30	102.0	111.8	93.5	89.2	100.2	95.4	100.7	111.0
0:25:00	110.1	119.9	101.7	95.4	113.2	100.7	107.1	118.8
0:27:30	117.0	125.5	109.7	102.9	128.1	105.4	111.6	125.0
0:30:00	123.8	130.4	120.3	113.0	147.3	111.5	115.2	128.6
0:32:30	129.2	135.4	132.6	124.2	169.2	119.3	121.3	133.8
0:35:00	136	143.4	153.3	144.8	195.5	130.7	132.0	140.5
0:37:30	145	152.8	186.8	174.7	202.6	142.6	142.7	168.1
0:40:00	155.6	164.3	204.3	198.5	204.5	156.0	157.1	194.3
0:42:30	167.5	175.5	208.0	206.3	205.4	177.5	178.4	204.6
0:45:00	179.4	186.7	209.0	208.4	207.9	205.6	204.6	209.3
0:47:30	187.8	200.2	209.1	210.2	210.7	208.6	209.2	211.6
0:50:00	210.7	210.3	210.6	210.6	210.8	210.5	211.3	213.1
0:52:30	211.3	210.6	210.8	210.8	210.8	210.8	211.5	213.5
0:55:00	211.1	210.5	210.8	210.8	210.8	210.9	211.4	213.6
0:57:30	210.8	210.5	210.7	210.8	210.7	210.9	211.3	213.6
1:00:00	210.9	210.4	210.6	210.8	210.7	210.9	211.2	213.6
1:02:30	211.0	210.5	210.6	211.1	210.7	210.9	211.4	213.8
1:05:00	211.0	210.6	210.6	211.5	210.7	210.8	211.5	214.2
1:07:30	211.0	210.5	210.5	211.4	210.5	210.8	211.6	214.7
1:10:00	210.9	210.4	210.4	211.4	210.4	210.8	211.8	215.6
1:12:30	211.0	210.4	210.5	211.4	210.4	210.8	212.2	216.4
1:15:00	211.0	210.4	210.4	211.3	210.4	210.8	213.1	217.3
1:17:30	211.1	210.5	210.3	211.4	210.4	210.9	214.1	218.3
1:20:00	211.0	210.4	210.2	211.3	210.3	211.0	214.9	219.1
1:22:30	211.0	210.4	210.3	211.3	210.2	211.1	216.1	220.1
1:25:00	211.3	210.4	210.1	211.4	210.2	211.7	217.9	221.3
1:27:30	212.7	211.5	210.2	211.6	210.3	212.8	219.4	222.3
1:30:00	216.7	213.7	210.0	212.0	212.6	215.4	222.4	224.7
1:32:30	219.7	215.7	210.2	212.2	216.8	217.7	225.7	227.0
1:35:00	222.8	219.2	213.9	213.6	225.8	220.4	230.3	230.5
1:37:30	225.4	222.6	225.1	217.1	239.9	222.6	234.9	234.1
1:40:00	230.1	228.8	241.3	222.5	259.7	226.5	242.2	241.3
1:42:30	235.9	235.0	251.3	227.4	271.7	230.8	251.2	250.8
1:45:00	243.9	242.6	260.8	232.6	281.3	236.3	262.0	263.1

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## TEMPERATURES, °F

TIME hr:min:sec	TC 409	TC 410	TC 411	TC 412	TC 413	TC 414	TC 415	TC 416
1:47:30	253.0	251.3	271.4	238.1	291.5	243.8	273.9	294.7
1:50:00	266.6	264.8	286.4	246.2	307.4	256.8	295.3	321.3
1:52:30	280.0	278.0	298.1	253.1	320.2	267.6	315.9	341.8
1:55:00	316.6	306.6	316.8	265.9	339.8	284.2	350.4	369.7
1:57:30	351.8	336.2	332.5	275.8	355.6	306.1	373.7	384.9
2:00:00	378.7	364.7	350.6	288.3	372.1	333.3	386.9	395.5
2:02:30	383.6	376.3	366.8	300.0	386.9	355.6	396.0	408.8
2:05:00	403.5	397.0	390.0	320.4	407.9	384.2	415.7	435.2
2:07:30	435.6	429.5	412.0	349.3	427.6	402.4	441.9	459.2
2:10:00	464.6	459.1	432.8	380.2	446.1	410.0	468.4	478.7
2:12:30	485.6	483.1	453.4	406.5	464.8	422.0	492.3	498.3
2:15:00	544.5	518.8	478.2	434.3	490.4	449.5	520.9	523.9
2:17:30	565.7	540.9	497.2	452.9	508.0	475.4	546.3	545.0
2:20:00	617.3	619.4	527.1	545.0	534.6	504.0	587.4	565.2
2:22:30	654.6	622.8	552.5	616.7	597.3	527.4	573.7	620.1
2:25:00	687.0	659.8	573.6	655.0	624.6	558.9	643.3	622.5
2:27:30	716.0	690.5	590.4	688.5	660.0	594.1	655.9	655.5
2:30:00	752.7	716.7	796.0	719.1	711.9	790.7	620.7	712.3
2:32:30	791.6	752.7	989.6	755.7	737.8	793.6	664.9	737.9
2:35:00	820.8	782.6	764.6	755.4	730.1	768.5	726.5	720.8
2:37:30	856.5	825.9	1007.6	789.6	652.5	1046.7	680.6	802.9
2:40:00	848.9	894.4	1152.5	836.0	714.5	1147.2	731.0	661.1
2:42:30	965.7	1011.9	1093.2	866.8	818.2	1237.4	870.0	708.8
2:45:00	968.6	967.3	1099.8	846.3	945.8	1225.9	969.8	802.6
2:47:30	915.1	1012.5	1084.7	1024.1	800.7	1223.8	1001.6	882.8
2:50:00	986.8	952.0	1087.1	1017.6	997.4	1214.9	1061.3	977.7
2:52:30	1074.3	954.8	1119.3	1088.8	1086.3	1231.6	1108.2	1035.1
2:55:00	1079.9	1010.9	1147.6	1094.2	1105.6	1246.0	1074.4	943.5
2:57:30	1072.6	1031.8	1148.4	1082.5	1119.2	1274.7	1109.8	1021.4
3:00:00	1033.0	1080.8	1202.4	1005.1	1100.7	1257.1	1127.6	1066.4
3:02:30	1030.1	1091.1	1197.9	1005.1	1119.1	1218.9	1135.6	1047.3
3:05:00	1080.4	1097.6	816.6	1063.4	1131.7	1189.9	1154.1	1091.9
3:07:30	1133.5	1126.6	905.9	1128.7	1149.2	1237.7	1181.3	1124.6
3:10:00	1083.5	1088.8	850.9	1078.8	956.9	1127.4	1101.8	1032.0

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## TEMPERATURES, °F

TIME hr:min:sec	TC 417	TC 418	TC 419	TC 420	TC 421	TC 422	TC 423	TC 424
0:00:00	84.0	80.9	80.9	81.5	81.6	81.4	81.4	81.2
0:05:00	85.3	81.2	81.0	81.4	81.5	81.3	81.4	81.2
0:07:30	87.2	81.6	81.3	81.6	81.6	81.4	81.4	81.3
0:10:00	99.4	86.4	83.7	82.5	82.0	81.8	81.8	81.9
0:12:30	109.0	93.2	88.0	84.5	83.1	82.7	82.6	82.5
0:15:00	123.8	99.6	95.3	88.8	84.7	84.3	83.8	83.5
0:17:30	130.5	106.7	101.7	95.3	87.1	86.4	85.6	84.9
0:20:00	137.0	116.7	111.5	104.0	90.8	89.7	88.4	87.1
0:22:30	149.5	124.7	118.0	110.5	94.6	92.9	91.1	89.4
0:25:00	158.4	138.6	130.3	122.1	102.4	95.7	96.4	95.1
0:27:30	163.6	147.8	140.7	132.7	110.5	105.1	101.9	100.7
0:30:00	169.5	156.8	150.1	142.0	120.0	113.5	109.0	104.6
0:32:30	179.0	163.2	156.8	149.8	128.3	120.4	114.5	109.1
0:35:00	193.4	171.8	165.9	159.2	142.2	131.6	124.2	117.3
0:37:30	188.7	177.8	173.3	167.2	153.6	145.6	133.7	127.1
0:40:00	193.4	183.2	179.6	174.5	169.2	162.9	145.9	135.9
0:42:30	198.9	189.6	188.1	183.4	186.2	180.3	164.3	147.2
0:45:00	205.2	196.7	194.7	189.6	200.0	198.1	188.2	165.8
0:47:30	209.7	202.2	199.2	194.2	206.7	205.5	200.2	190.1
0:50:00	216.3	207.4	204.7	199.6	210.2	209.3	208.2	204.5
0:52:30	218.2	209.4	206.6	205.1	210.8	209.9	210.0	207.0
0:55:00	219.2	210.8	206.4	206.2	211.3	210.2	209.1	207.7
0:57:30	222.5	213.5	206.1	207.1	210.8	209.3	206.8	206.4
1:00:00	228.6	216.6	208.0	205.3	210.3	204.9	204.4	202.2
1:02:30	238.4	220.3	213.9	206.7	211.4	206.0	205.9	202.5
1:05:00	251.5	232.5	223.7	209.5	212.7	207.9	214.0	204.9
1:07:30	263.8	242.0	233.1	212.8	214.5	210.4	219.5	208.4
1:10:00	267.1	246.4	239.3	218.7	218.8	214.4	225.1	211.8
1:12:30	271.3	249.1	244.1	223.3	222.5	218.4	228.2	216.0
1:15:00	278.7	258.1	251.0	231.1	228.8	224.0	243.2	216.3
1:17:30	282.1	265.7	261.4	237.3	235.7	230.6	248.1	219.4
1:20:00	286.5	272.1	271.9	244.4	242.9	238.1	254.6	220.9
1:22:30	292.0	279.0	278.2	249.7	249.3	244.9	262.4	224.2
1:25:00	300.3	286.2	286.4	255.1	256.8	253.5	278.2	231.3
1:27:30	305.1	291.7	292.1	260.6	262.8	259.8	282.6	232.9
1:30:00	312.2	307.7	307.1	272.1	272.8	270.6	296.1	237.9
1:32:30	319.2	318.8	316.5	279.0	279.7	278.6	302.9	242.9
1:35:00	326.4	326.2	325.8	287.3	286.6	285.8	304.0	247.8
1:37:30	333.5	332.3	332.2	291.7	291.4	290.9	312.6	253.7
1:40:00	345.2	338.1	342.5	302.6	299.1	297.6	317.6	262.0
1:42:30	349.8	348.4	352.9	309.6	306.1	304.1	323.5	268.9
1:45:00	356.3	362.6	360.4	317.4	313.4	310.9	330.9	276.5

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TIME hr:min:sec	TC 417	TC 418	TC 419	TC 420	TC 421	TC 422	TC 423	TC 424
1:47:30	365.3	371.9	367.6	324.6	320.5	318.4	339.9	284.0
1:50:00	375.8	376.9	375.3	333.9	329.3	328.4	347.4	293.6
1:52:30	385.5	383.5	382.0	340.2	335.9	333.9	351.5	298.6
1:55:00	395.4	398.7	389.8	349.9	345.9	343.7	355.5	309.5
1:57:30	404.5	405.9	397.6	357.8	354.6	352.4	360.3	316.7
2:00:00	414.2	418.5	405.6	366.0	365.1	361.3	364.5	324.4
2:02:30	423.0	427.6	413.6	373.6	374.8	371.0	366.8	330.7
2:05:00	434.3	441.0	426.3	383.0	382.4	380.1	372.8	338.4
2:07:30	445.7	452.6	436.5	391.1	394.4	391.3	376.7	345.7
2:10:00	458.5	466.6	446.2	400.8	403.1	399.7	382.3	353.4
2:12:30	473.2	481.0	455.6	409.7	412.6	408.3	388.7	362.0
2:15:00	484.7	495.8	467.8	420.1	426.5	419.5	396.2	371.3
2:17:30	496.4	505.7	477.1	426.6	436.3	430.3	402.1	378.0
2:20:00	512.2	521.0	490.4	436.3	447.3	449.0	410.6	388.0
2:22:30	529.1	532.5	501.9	440.4	459.8	459.7	418.1	396.0
2:25:00	546.9	547.2	520.7	447.0	471.4	475.8	425.8	405.4
2:27:30	551.8	562.3	539.4	455.6	482.4	488.6	434.1	412.6
2:30:00	566.2	566.0	546.6	469.9	496.6	523.6	445.7	422.7
2:32:30	611.4	567.9	552.7	481.1	506.8	531.0	453.8	429.6
2:35:00	628.0	566.3	562.8	501.5	524.6	536.0	468.1	440.7
2:37:30	620.9	561.1	569.9	510.0	535.5	541.9	479.4	450.4
2:40:00	627.2	556.0	577.7	524.0	546.5	554.3	487.5	460.6
2:42:30	606.6	581.7	579.1	532.6	560.6	565.5	498.4	470.5
2:45:00	603.6	593.1	523.1	547.9	582.1	580.7	512.6	483.8
2:47:30	618.5	591.6	543.5	557.4	591.6	557.3	542.5	498.1
2:50:00	621.0	588.2	553.7	565.1	542.1	556.7	559.6	532.9
2:52:30	603.4	615.7	563.6	556.4	579.0	575.4	585.2	570.4
2:55:00	611.7	622.0	559.2	567.5	555.6	576.3	573.9	555.6
2:57:30	592.2	585.7	542.6	609.0	542.3	592.7	586.2	588.2
3:00:00	598.6	587.6	554.1	579.9	562.4	559.6	577.7	613.0
3:02:30	621.4	628.5	554.0	585.1	598.4	586.6	578.8	620.4
3:05:00	625.0	610.1	569.3	593.6	608.6	606.4	598.7	632.0
3:07:30	613.3	604.7	580.6	576.3	604.3	610.3	587.6	629.5
3:10:00	571.7	588.3	556.7	594.1	623.7	629.6	611.5	582.2

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TIME hr:min:sec	TC 425	TC 426	TC 427	TC 428	TC 429	TC 430	TC 431	TC 432
0:00:00	81.4	81.3	81.4	81.4	81.7	82.3	81.9	81.5
0:05:00	81.3	81.2	81.3	81.3	81.6	82.2	81.8	81.4
0:07:30	81.4	81.2	81.3	81.3	81.6	82.2	81.8	81.5
0:10:00	81.8	81.5	81.6	81.5	81.8	82.3	82.0	81.9
0:12:30	82.5	81.9	82.0	81.8	82.4	82.5	82.5	82.8
0:15:00	83.6	82.6	82.7	82.4	83.2	83.0	83.3	84.3
0:17:30	85.5	83.7	83.8	83.4	84.4	83.8	84.7	86.7
0:20:00	88.3	85.8	85.7	85.1	86.4	85.2	87.1	90.1
0:22:30	91.1	88.1	87.9	86.8	88.5	86.9	89.4	93.1
0:25:00	96.8	93.2	92.5	90.8	92.5	90.3	93.4	97.8
0:27:30	101.7	97.8	96.8	94.5	96.3	93.5	96.6	101.3
0:30:00	106.6	102.8	102.0	99.0	100.7	97.4	100.1	105.1
0:32:30	111.2	107.6	106.5	103.1	104.8	101.1	103.0	108.2
0:35:00	117.8	114.1	112.8	108.9	110.4	106.4	106.5	112.3
0:37:30	124.2	121.1	119.3	115.2	116.3	112.0	109.8	116.5
0:40:00	131.0	127.5	125.2	120.9	121.7	117.0	113.2	121.0
0:42:30	138.8	134.3	130.6	126.4	126.5	121.6	117.4	126.6
0:45:00	154.4	145.3	139.1	134.0	133.0	127.7	124.0	134.8
0:47:30	173.7	154.2	145.5	139.8	137.7	131.7	130.7	143.7
0:50:00	204.2	201.6	176.8	149.8	144.7	137.4	147.1	209.1
0:52:30	207.3	205.6	206.6	203.6	193.0	145.9	192.1	210.1
0:55:00	208.9	206.6	207.3	205.5	206.0	204.7	211.2	210.2
0:57:30	208.4	205.7	206.2	205.1	205.5	204.8	212.4	210.1
1:00:00	204.0	201.7	201.2	201.4	201.6	201.9	211.9	210.7
1:02:30	202.1	202.2	199.3	199.4	200.9	200.3	212.2	211.6
1:05:00	202.1	203.3	198.4	197.2	199.3	197.8	212.4	212.0
1:07:30	204.5	204.5	199.7	197.8	199.5	197.2	212.8	212.2
1:10:00	210.4	206.8	202.6	200.9	202.2	199.0	213.3	212.3
1:12:30	214.6	208.7	206.0	203.5	205.0	201.5	213.6	212.3
1:15:00	219.8	211.0	211.2	207.6	209.9	205.3	213.7	212.7
1:17:30	225.0	213.9	216.4	211.5	214.8	209.0	213.8	212.8
1:20:00	229.4	216.4	221.9	215.6	220.1	212.5	213.9	213.0
1:22:30	236.2	219.2	227.3	219.8	225.0	215.6	214.1	213.2
1:25:00	243.2	224.6	234.5	225.5	231.6	219.6	214.4	213.6
1:27:30	247.7	227.5	239.4	230.0	236.2	222.7	214.5	213.9
1:30:00	256.3	234.8	248.3	237.3	244.0	228.7	214.9	214.6
1:32:30	264.5	241.8	255.9	243.5	250.4	233.4	215.1	215.3
1:35:00	274.9	250.5	265.2	250.8	258.1	238.9	215.4	216.3
1:37:30	283.6	259.2	273.2	257.1	264.5	244.3	215.9	217.3
1:40:00	294.3	275.3	284.7	266.7	275.1	252.1	216.8	219.8
1:42:30	304.4	285.9	294.8	275.5	283.3	260.2	217.9	222.7
1:45:00	313.4	294.7	304.2	284.2	292.0	267.6	219.3	226.4

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TIME hr:min:sec	TC 425	TC 426	TC 427	TC 428	TC 429	TC 430	TC 431	TC 432
1:47:30	321.4	303.3	312.5	292.3	299.5	274.8	221.1	230.4
1:50:00	331.1	313.1	322.3	301.5	307.8	282.6	224.1	236.2
1:52:30	336.9	318.4	328.5	307.9	314.4	288.1	226.9	241.0
1:55:00	346.3	327.8	338.0	317.8	324.1	297.3	232.5	250.1
1:57:30	354.0	335.3	345.9	325.5	331.7	303.6	238.1	258.8
2:00:00	362.0	341.9	354.2	333.7	339.9	310.5	245.4	269.5
2:02:30	368.8	347.2	361.9	340.5	347.2	316.2	252.7	279.0
2:05:00	377.6	355.5	371.5	349.3	355.8	324.0	264.0	294.1
2:07:30	385.9	364.2	378.7	356.9	362.5	331.5	275.5	313.8
2:10:00	393.8	372.6	385.4	364.6	369.4	338.8	290.2	339.2
2:12:30	401.8	380.3	391.8	371.9	376.2	345.1	305.2	367.4
2:15:00	411.0	389.0	400.1	380.0	384.2	352.5	324.1	401.6
2:17:30	418.5	395.6	406.7	386.3	390.2	358.1	339.7	427.1
2:20:00	430.1	405.8	417.3	396.0	399.4	366.8	365.9	449.4
2:22:30	439.3	413.4	425.6	403.4	407.1	373.6	387.2	461.9
2:25:00	449.7	422.2	435.1	411.4	415.2	381.1	413.7	498.1
2:27:30	459.1	430.0	444.1	419.0	422.9	388.6	440.5	537.9
2:30:00	470.6	440.4	455.8	429.0	433.7	398.4	489.9	586.2
2:32:30	478.9	448.0	464.0	436.5	442.6	405.1	516.6	795.8
2:35:00	492.4	461.3	477.9	448.5	455.9	413.7	705.5	940.0
2:37:30	503.3	472.6	489.3	458.2	466.2	421.8	833.7	977.8
2:40:00	515.1	485.1	503.2	468.9	477.9	430.2	917.0	1023.2
2:42:30	524.5	495.9	514.8	476.8	486.7	439.0	963.1	1024.3
2:45:00	539.1	510.3	529.0	492.3	500.1	448.1	1009.6	1087.2
2:47:30	555.5	523.7	541.7	510.1	513.4	457.5	1068.2	1046.3
2:50:00	570.6	555.0	553.5	526.5	525.5	466.4	912.5	1071.9
2:52:30	581.2	543.4	548.3	602.3	537.6	474.8	861.5	1104.1
2:55:00	588.8	581.8	576.5	618.2	626.0	612.3	913.1	1129.2
2:57:30	603.4	559.2	561.0	616.7	624.5	624.8	949.9	1118.3
3:00:00	606.1	610.3	575.4	622.3	629.9	630.9	998.7	1151.7
3:02:30	568.5	612.4	596.5	625.0	644.6	640.7	1037.6	1173.9
3:05:00	575.2	620.4	610.6	628.4	598.1	633.7	1068.8	1179.5
3:07:30	582.1	623.1	620.8	625.6	580.3	637.1	1088.1	1167.8
3:10:00	560.5	617.9	586.6	600.8	564.7	627.2	1040.7	996.7

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TIME hr:min:sec	TC 433	TC 434	TC 435	TC 436	TC 437	TC 438	TC 439	TC 440
0:00:00	81.4	81.0	81.0	80.5	80.9	80.7	81.1	82.0
0:05:00	81.4	80.9	81.0	80.6	80.8	80.7	81.0	81.9
0:07:30	81.5	80.9	81.3	81.3	81.0	80.8	81.1	81.9
0:10:00	82.1	81.1	83.1	84.4	81.7	81.5	81.4	82.1
0:12:30	83.3	81.6	87.4	90.2	83.0	82.7	82.1	82.5
0:15:00	85.3	82.7	94.2	96.5	85.4	84.8	83.2	83.4
0:17:30	82.0	84.4	100.8	102.1	89.0	87.9	85.0	84.7
0:20:00	91.7	87.2	108.9	108.8	94.3	93.0	87.9	86.9
0:22:30	95.0	90.0	114.3	114.4	99.8	97.5	90.7	89.2
0:25:00	100.4	94.9	123.0	124.2	111.4	105.0	96.1	93.5
0:27:30	104.7	99.3	138.7	131.4	120.8	110.8	100.8	97.5
0:30:00	108.4	105.0	158.6	138.9	129.5	116.7	106.1	102.0
0:32:30	113.6	110.8	171.5	144.9	136.0	121.5	110.9	106.2
0:35:00	119.4	120.1	182.0	151.3	143.9	127.6	117.0	111.9
0:37:30	126.6	130.3	189.5	157.6	150.9	133.9	122.9	117.3
0:40:00	136.5	140.1	195.2	162.1	157.8	140.1	128.7	122.2
0:42:30	147.1	151.4	200.4	165.8	163.8	146.7	135.4	127.3
0:45:00	168.8	165.1	204.2	172.5	169.9	156.0	142.7	133.2
0:47:30	194.8	173.4	206.2	177.1	174.4	163.4	149.9	138.6
0:50:00	211.5	193.6	209.9	185.2	180.3	182.0	191.2	149.3
0:52:30	211.9	209.4	211.5	190.0	184.1	198.2	200.9	203.8
0:55:00	212.3	210.1	212.0	194.5	187.7	204.6	205.2	210.0
0:57:30	212.4	209.9	212.1	197.8	190.1	208.7	206.3	209.9
1:00:00	212.5	208.7	212.1	198.2	192.2	206.3	205.9	207.0
1:02:30	212.7	209.7	212.1	196.4	194.4	205.8	205.5	204.6
1:05:00	212.9	210.4	212.4	194.9	193.8	206.4	206.5	202.3
1:07:30	212.9	210.5	212.6	195.1	194.2	207.8	209.1	204.0
1:10:00	213.0	210.7	214.1	200.7	195.5	212.0	212.2	206.5
1:12:30	213.1	210.8	215.2	207.7	196.5	214.7	215.5	209.1
1:15:00	213.2	210.8	216.4	215.3	200.8	217.7	221.4	214.3
1:17:30	213.5	210.9	217.5	222.3	202.6	219.8	226.1	219.0
1:20:00	213.7	210.9	218.6	227.8	204.6	223.1	230.8	224.6
1:22:30	213.8	211.1	219.7	233.6	208.2	227.0	235.0	229.2
1:25:00	214.3	211.4	221.6	242.9	211.3	232.1	239.9	235.3
1:27:30	214.6	211.6	223.2	254.9	215.0	235.9	243.7	239.9
1:30:00	215.3	215.0	226.5	289.7	226.9	242.7	251.5	247.7
1:32:30	216.1	218.0	229.6	267.3	234.5	248.5	260.0	254.8
1:35:00	217.1	221.0	233.7	290.4	241.1	255.9	271.7	263.1
1:37:30	218.5	223.3	237.4	340.3	252.9	262.9	280.2	270.2
1:40:00	221.2	226.9	243.3	306.0	257.3	273.6	291.5	280.9
1:42:30	224.2	230.5	249.3	293.8	266.4	283.5	300.6	290.2
1:45:00	228.2	234.4	255.9	299.7	277.1	292.9	308.7	299.6

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TIME hr:min:sec	TC 433	TC 434	TC 435	TC 436	TC 437	TC 438	TC 439	TC 440
1:47:30	232.7	238.7	262.8	305.7	283.8	301.0	315.2	307.5
1:50:00	239.8	244.7	272.2	320.8	296.4	310.0	323.6	315.9
1:52:30	246.6	249.7	279.4	326.0	304.2	315.9	329.6	321.8
1:55:00	262.0	258.8	291.5	331.9	309.2	324.8	339.8	331.5
1:57:30	282.2	266.8	301.5	336.9	314.8	331.9	348.0	339.4
2:00:00	311.5	275.7	312.2	344.4	324.2	340.6	356.2	347.5
2:02:30	336.2	283.7	321.2	354.2	330.9	348.0	362.9	354.1
2:05:00	366.9	294.6	333.8	373.5	340.0	357.5	371.8	363.1
2:07:30	393.0	304.9	346.3	388.2	347.1	365.8	379.6	371.2
2:10:00	412.6	315.1	359.2	397.5	353.8	373.3	388.3	377.7
2:12:30	419.1	325.1	373.1	406.8	359.8	380.3	392.4	383.6
2:15:00	439.3	336.3	391.9	417.8	366.3	388.0	399.6	390.8
2:17:30	468.1	344.6	408.8	425.2	372.0	393.6	405.0	396.3
2:20:00	510.8	356.5	439.1	436.9	381.3	401.9	414.0	404.8
2:22:30	537.8	370.4	457.6	447.7	390.8	408.4	421.6	411.9
2:25:00	574.2	383.3	473.9	459.1	401.6	415.8	430.1	419.5
2:27:30	613.6	558.9	493.5	469.9	409.8	423.2	438.5	427.1
2:30:00	1131.9	808.7	980.6	484.3	419.6	433.4	449.9	437.2
2:32:30	1082.1	733.8	999.3	495.0	425.9	441.2	457.9	444.7
2:35:00	1111.8	921.5	1051.3	509.8	435.5	454.3	471.4	457.7
2:37:30	1136.0	976.2	1098.4	525.8	445.0	465.2	482.2	468.0
2:40:00	1173.4	1013.5	1144.6	531.2	457.8	477.4	493.7	479.3
2:42:30	1182.9	1057.7	1153.1	535.4	476.9	487.3	503.4	488.8
2:45:00	1199.4	1117.9	1180.2	522.6	522.6	501.6	520.6	501.7
2:47:30	1227.7	1106.0	1189.2	534.3	534.6	533.4	531.1	513.2
2:50:00	1241.1	961.1	1168.8	546.3	546.8	547.2	543.6	525.2
2:52:30	1233.9	1069.0	1194.3	556.0	560.8	555.8	555.2	537.2
2:55:00	1250.5	1126.1	1648.9	534.6	570.3	574.4	524.5	535.0
2:57:30	1245.0	1130.6	1527.5	542.5	563.0	566.9	532.9	548.6
3:00:00	1246.5	1138.6	1366.0	559.8	580.2	573.3	559.1	554.9
3:02:30	1253.3	1184.7	1454.2	575.7	590.6	579.9	568.8	570.8
3:05:00	1254.8	1194.9	946.5	595.1	603.1	602.9	583.3	573.7
3:07:30	1139.3	1225.5	1002.2	612.3	613.9	606.0	602.3	580.5
3:10:00	940.9	979.0	869.9	635.6	633.1	610.2	598.7	576.8

FLORIDA POWER CORPORATION  
 RACEWAY FIRE BARRIERS  
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## TEMPERATURES, °F

TIME hr:min:sec	TC 441	TC 442	TC 443	TC 444	TC 445	TC 446	TC 447	TC 448
0:00:00	82.0	81.6	81.5	81.2	81.3	80.8	80.9	80.6
0:05:00	81.9	81.5	81.4	81.1	81.2	80.9	80.9	80.7
0:07:30	82.2	81.7	81.6	81.1	81.2	81.6	81.6	81.0
0:10:00	83.0	82.2	82.2	81.2	81.3	83.6	84.0	83.0
0:12:30	84.4	83.1	83.2	81.5	81.7	87.4	90.2	87.5
0:15:00	86.3	84.3	84.6	82.4	82.6	93.0	100.8	93.9
0:17:30	88.9	85.9	86.5	83.6	84.1	100.2	112.2	100.7
0:20:00	92.5	88.5	89.6	86.1	86.8	110.1	124.6	108.6
0:22:30	95.5	91.2	92.5	88.6	89.5	118.1	133.1	114.2
0:25:00	100.9	96.3	98.3	93.5	94.9	130.9	145.4	122.5
0:27:30	105.3	101.1	103.2	98.4	99.9	139.9	153.5	128.6
0:30:00	110.3	106.6	108.8	104.7	106.5	148.4	160.8	135.6
0:32:30	114.6	111.4	114.2	111.3	112.6	155.0	166.9	142.9
0:35:00	120.1	117.6	121.0	125.1	123.7	163.0	173.9	157.0
0:37:30	125.1	123.5	127.4	142.7	139.8	170.2	179.6	174.5
0:40:00	129.5	128.8	133.5	162.3	157.4	179.0	185.8	194.1
0:42:30	133.2	133.9	141.1	182.4	172.5	188.2	195.6	206.7
0:45:00	138.2	140.7	154.5	198.6	185.7	196.1	202.9	210.8
0:47:30	142.5	148.0	175.8	207.0	204.3	200.6	207.3	212.2
0:50:00	151.4	181.4	207.7	210.3	208.0	205.8	212.1	213.0
0:52:30	202.1	202.5	212.5	211.0	211.8	209.0	211.5	213.3
0:55:00	212.1	209.2	212.5	211.0	211.8	211.8	214.5	213.5
0:57:30	210.8	209.6	211.1	210.6	211.3	214.7	216.0	213.6
1:00:00	208.5	208.2	207.3	206.8	209.5	217.2	221.8	213.9
1:02:30	206.3	206.0	204.2	202.8	207.3	219.4	228.5	214.0
1:05:00	203.9	208.2	205.9	201.8	206.4	222.4	234.0	214.4
1:07:30	204.0	207.7	206.3	202.6	206.9	222.8	242.1	214.9
1:10:00	206.0	209.5	209.1	204.5	208.3	226.4	252.2	215.3
1:12:30	207.2	211.6	211.3	205.8	208.8	230.8	260.2	215.9
1:15:00	210.5	215.5	214.9	208.7	209.4	238.5	271.8	216.8
1:17:30	213.5	218.9	217.8	211.6	210.0	244.6	280.4	217.5
1:20:00	217.9	222.3	221.3	215.8	210.9	251.4	289.1	218.5
1:22:30	221.5	227.0	225.4	219.7	212.5	258.5	296.6	219.9
1:25:00	228.0	234.1	231.5	224.1	224.7	268.4	305.0	222.2
1:27:30	235.3	242.6	237.1	229.4	235.1	277.9	313.1	225.3
1:30:00	241.0	250.0	242.8	235.3	241.5	286.3	320.1	229.4
1:32:30	247.3	257.7	249.1	243.2	247.7	294.5	327.6	235.5
1:35:00	254.7	266.1	256.3	247.9	254.4	303.6	335.8	245.1
1:37:30	261.0	275.7	262.4	252.6	259.5	310.4	342.4	255.1
1:40:00	270.8	290.7	273.6	260.1	267.7	320.4	352.7	275.0
1:42:30	280.1	301.3	283.7	266.0	275.5	328.3	360.4	294.1
1:45:00	289.4	311.7	293.3	272.7	283.6	336.9	368.4	317.4

FLORIDA POWER CORPORATION  
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## TEMPERATURES, °F

TIME hr:min:sec	TC 441	TC 442	TC 443	TC 444	TC 445	TC 446	TC 447	TC 448
1:47:30	297.7	320.0	301.0	279.3	291.7	345.4	376.0	340.1
1:50:00	307.1	326.6	310.1	288.1	302.9	354.6	385.3	367.3
1:52:30	312.9	330.9	316.3	294.8	311.2	361.1	391.8	385.1
1:55:00	319.8	339.7	325.9	306.1	318.2	371.9	402.4	401.4
1:57:30	325.3	347.8	333.4	318.4	337.2	380.0	411.4	413.3
2:00:00	331.8	355.7	341.9	330.3	349.1	388.5	421.2	436.8
2:02:30	338.4	362.0	348.9	338.6	357.5	395.3	429.7	457.3
2:05:00	347.7	370.3	358.1	350.0	367.5	405.9	442.9	483.6
2:07:30	355.8	377.6	366.5	359.9	374.5	415.8	455.7	505.7
2:10:00	362.5	384.2	374.3	368.8	380.8	426.1	467.9	527.3
2:12:30	368.9	390.1	381.8	378.1	385.9	436.3	480.6	550.4
2:15:00	375.9	397.0	390.2	384.8	393.0	449.2	486.0	576.8
2:17:30	381.5	402.4	395.8	388.7	399.8	459.4	475.0	588.1
2:20:00	389.4	410.9	404.7	394.0	410.8	475.2	479.1	618.9
2:22:30	395.4	418.3	412.5	399.9	418.7	487.5	494.9	637.7
2:25:00	402.6	426.4	420.8	410.1	425.5	499.9	514.7	672.2
2:27:30	408.2	434.7	427.8	418.3	431.5	512.0	540.1	707.4
2:30:00	415.6	445.6	438.4	428.0	439.2	528.0	530.2	635.1
2:32:30	421.1	454.0	445.1	434.7	445.3	539.4	568.4	812.4
2:35:00	431.8	468.0	458.6	446.9	455.7	560.5	576.7	743.1
2:37:30	441.2	479.4	470.7	456.4	464.7	579.3	535.4	716.0
2:40:00	451.9	491.5	482.6	467.9	476.6	600.8	566.9	981.9
2:42:30	461.3	502.0	493.3	479.0	488.4	618.1	575.4	949.0
2:45:00	475.5	517.2	524.7	525.4	517.9	595.9	642.7	1014.4
2:47:30	488.7	526.2	538.8	534.5	529.1	633.7	632.4	1023.5
2:50:00	501.0	539.3	545.8	542.8	538.2	578.7	556.6	905.0
2:52:30	517.4	581.6	557.7	556.3	561.3	565.0	552.2	866.3
2:55:00	540.9	591.5	549.3	565.8	571.3	571.1	552.3	866.9
2:57:30	533.0	596.7	530.0	586.2	558.6	560.7	540.5	697.5
3:00:00	536.9	602.1	509.4	604.5	599.4	569.6	556.3	574.8
3:02:30	551.8	609.1	547.8	631.1	608.5	585.9	581.7	598.9
3:05:00	554.0	614.9	592.9	614.0	613.8	549.7	572.5	584.2
3:07:30	559.4	615.3	582.7	606.6	612.9	566.4	567.0	652.8
3:10:00	555.2	586.1	579.4	619.2	584.5	592.3	563.0	606.9

FLORIDA POWER CORPORATION  
RACEWAY FIRE BARRIERS  
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## TEMPERATURES, °F

TIME hr:min:sec	TC 449	TC 450	TC 451	TC 452	TC 453	TC 454	TC 455	TC 456
0:00:00	81.2	81.2	81.3	81.2	81.3	81.6	81.9	81.9
0:05:00	81.2	81.2	81.3	81.2	81.2	81.6	81.8	81.8
0:07:30	81.3	81.2	81.2	81.3	81.2	81.6	81.7	81.7
0:10:00	82.3	81.4	81.4	81.8	81.6	82.0	81.8	81.7
0:12:30	84.4	81.9	81.9	83.0	82.4	82.9	82.0	81.8
0:15:00	87.7	83.3	82.4	85.6	84.2	84.3	82.1	82.0
0:17:30	91.6	84.6	84.8	88.6	87.0	85.9	82.5	82.3
0:20:00	96.5	88.2	88.5	93.3	91.0	88.2	83.1	82.9
0:22:30	100.4	92.4	92.5	97.2	94.3	90.2	83.8	83.7
0:25:00	107.0	102.5	101.3	103.5	99.5	93.5	85.5	85.6
0:27:30	112.9	113.1	110.4	108.3	103.6	96.2	87.5	87.7
0:30:00	122.1	127.6	123.3	113.3	108.4	99.0	90.1	90.5
0:32:30	134.1	141.7	137.1	117.6	113.2	101.9	93.1	93.8
0:35:00	159.3	165.3	159.3	123.5	120.5	105.9	98.2	99.4
0:37:30	179.8	187.1	180.0	130.0	129.0	110.8	103.8	105.2
0:40:00	191.6	203.0	198.7	138.3	139.0	117.1	109.0	110.5
0:42:30	200.7	208.4	207.5	150.2	152.1	126.3	114.9	116.7
0:45:00	211.0	211.0	209.7	170.3	171.0	140.6	122.9	126.2
0:47:30	212.3	212.8	210.3	201.0	180.8	155.0	129.4	132.7
0:50:00	213.2	213.4	210.5	212.4	208.7	174.5	137.6	142.4
0:52:30	213.3	213.3	210.5	212.9	210.5	209.4	145.3	185.4
0:55:00	213.2	213.1	210.5	213.0	211.2	210.3	200.1	209.3
0:57:30	212.9	212.8	210.6	212.9	211.3	210.3	208.5	208.8
1:00:00	212.5	212.6	211.0	212.1	209.6	208.5	205.4	205.3
1:02:30	212.4	212.5	211.2	212.2	209.5	207.4	200.8	200.6
1:05:00	212.2	212.4	211.3	211.4	210.1	202.8	197.8	197.2
1:07:30	212.0	212.3	211.1	211.3	210.2	210.3	195.9	195.2
1:10:00	212.0	212.1	211.2	211.3	210.4	210.4	195.5	195.0
1:12:30	211.9	212.0	211.3	211.6	210.4	210.5	195.8	195.6
1:15:00	212.0	211.8	211.3	212.5	210.4	210.4	195.9	196.4
1:17:30	212.2	211.8	211.6	213.2	210.4	210.1	195.8	197.0
1:20:00	213.5	211.7	211.8	213.4	210.0	211.0	195.8	198.4
1:22:30	214.5	211.9	212.5	213.6	210.3	212.1	196.5	200.4
1:25:00	215.4	212.3	213.6	214.1	214.1	212.9	200.2	206.9
1:27:30	216.5	213.1	215.6	215.0	216.0	213.5	207.8	217.2
1:30:00	217.9	214.5	218.1	216.1	218.1	214.0	215.8	225.6
1:32:30	220.0	216.7	221.9	217.5	220.6	214.8	224.2	233.7
1:35:00	223.3	220.3	227.3	219.3	223.7	215.9	231.6	241.8
1:37:30	227.1	224.6	233.0	221.2	226.3	217.1	237.2	248.2
1:40:00	235.1	233.3	243.9	225.1	230.8	219.5	246.1	258.5
1:42:30	244.5	241.5	254.0	230.1	234.7	222.1	252.8	266.3
1:45:00	256.8	251.7	265.8	238.2	239.5	225.5	259.7	274.8

FLORIDA POWER CORPORATION  
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## TEMPERATURES, °F

TIME hr:min:sec	TC 449	TC 450	TC 451	TC 452	TC 453	TC 454	TC 455	TC 456
1:47:30	270.8	263.2	278.2	249.5	245.2	229.5	266.7	283.0
1:50:00	296.9	279.8	294.5	269.8	253.6	235.2	275.0	292.3
1:52:30	318.2	293.8	306.2	288.5	260.8	240.2	280.9	298.9
1:55:00	350.8	320.4	326.6	323.8	274.5	249.6	289.8	309.2
1:57:30	372.8	342.6	343.9	352.1	286.7	257.8	296.5	316.7
2:00:00	388.7	367.2	364.8	378.4	301.2	269.0	303.6	324.8
2:02:30	394.1	387.6	384.6	387.6	314.0	279.6	309.0	331.5
2:05:00	408.7	414.5	412.9	396.6	332.9	296.7	316.9	340.5
2:07:30	434.2	437.7	437.7	417.0	353.6	316.6	323.5	348.2
2:10:00	460.3	457.6	459.7	446.3	377.9	338.3	329.9	355.3
2:12:30	482.7	470.1	479.9	471.8	406.5	360.3	336.2	362.4
2:15:00	507.9	482.6	502.3	497.0	441.0	386.7	344.2	370.8
2:17:30	568.2	497.0	516.6	514.6	456.9	405.0	349.5	376.7
2:20:00	570.9	616.4	541.3	551.9	477.1	427.4	357.3	385.5
2:22:30	597.7	622.8	568.7	585.0	508.3	447.9	363.5	392.8
2:25:00	632.7	658.8	599.6	621.3	548.4	473.9	370.5	400.4
2:27:30	660.9	678.0	656.6	652.1	577.2	498.6	377.0	407.8
2:30:00	1154.9	678.4	707.3	680.5	624.9	531.9	386.9	418.8
2:32:30	1055.9	702.1	717.3	651.8	732.4	570.6	396.6	429.3
2:35:00	1037.8	749.9	710.7	664.0	753.8	607.4	404.8	438.3
2:37:30	1090.8	779.9	710.2	794.4	826.5	654.5	413.3	448.1
2:40:00	1144.9	844.9	766.5	902.6	811.2	643.9	423.4	459.4
2:42:30	1199.0	960.5	863.4	1034.1	941.1	715.7	432.1	468.9
2:45:00	928.5	994.2	807.2	1124.4	975.0	817.9	443.7	481.9
2:47:30	932.7	969.4	846.5	1124.3	1018.8	862.6	456.1	494.4
2:50:00	897.7	1037.1	873.3	1077.6	906.9	914.3	467.3	506.6
2:52:30	986.5	784.0	831.8	959.2	938.6	658.5	474.4	517.9
2:55:00	1121.1	783.6	766.6	1108.8	941.1	699.1	480.7	530.4
2:57:30	1159.0	832.3	816.5	1131.4	1044.3	741.3	489.0	540.9
3:00:00	1191.8	886.3	901.1	1047.4	1088.3	802.0	507.8	562.0
3:02:30	1196.4	907.6	949.2	1060.6	1089.8	838.9	524.5	578.1
3:05:00	1194.0	938.2	956.2	1124.7	1071.4	882.6	545.5	596.5
3:07:30	1322.8	976.5	966.2	1060.8	1073.5	927.0	559.8	574.1
3:10:00	1043.7	1033.6	1044.0	1093.6	1104.5	999.1	586.8	547.2

FLORIDA POWER CORPORATION  
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## TEMPERATURES, °F

TIME hr:min:sec	TC 457	TC 458	TC 459	TC 460	TC 461	TC 462	TC 463	TC 464
0:00:00	81.6	81.6	81.5	81.5	81.2	81.4	81.1	81.3
0:05:00	81.6	81.5	81.5	81.4	81.2	81.3	81.1	81.2
0:07:30	81.5	81.4	81.4	81.3	81.1	81.3	81.1	81.3
0:10:00	81.6	81.5	81.4	81.4	81.3	81.4	81.4	81.6
0:12:30	81.7	81.7	81.6	81.6	81.6	81.8	82.0	82.7
0:15:00	81.9	81.9	82.0	82.0	82.1	82.7	83.1	84.6
0:17:30	82.4	82.7	82.5	82.6	82.9	83.5	84.8	87.2
0:20:00	83.3	83.7	83.6	83.8	84.4	85.5	87.7	91.5
0:22:30	84.4	85.0	84.9	85.2	86.1	87.7	90.6	95.5
0:25:00	86.8	88.0	87.7	88.5	89.9	92.3	96.4	102.8
0:27:30	89.4	91.1	90.8	91.7	93.7	96.8	101.8	109.3
0:30:00	93.0	95.3	95.1	96.2	98.4	102.4	108.2	116.6
0:32:30	96.9	99.5	99.7	101.0	103.1	108.0	114.6	123.3
0:35:00	103.1	106.1	106.8	108.5	110.3	116.4	125.2	133.1
0:37:30	109.2	112.6	113.9	116.0	118.8	127.4	140.4	145.4
0:40:00	114.9	118.4	120.2	124.1	128.3	141.7	158.3	180.3
0:42:30	121.5	125.6	129.5	133.9	139.0	159.9	177.3	174.3
0:45:00	130.7	134.7	140.3	147.7	159.0	188.0	197.3	193.8
0:47:30	138.1	143.9	152.2	166.7	190.6	204.8	206.0	204.3
0:50:00	151.4	179.9	206.6	208.7	209.4	209.7	209.7	209.3
0:52:30	209.0	209.8	209.9	210.2	210.2	210.5	210.4	210.2
0:55:00	210.0	210.1	210.1	210.3	210.3	210.5	210.6	210.2
0:57:30	208.7	208.6	208.5	208.1	208.0	208.9	209.8	210.1
1:00:00	205.1	204.9	204.0	204.1	203.0	202.2	202.4	203.3
1:02:30	200.5	200.2	199.8	199.6	198.2	198.3	198.6	199.2
1:05:00	196.7	197.0	196.7	196.6	195.8	196.5	197.6	198.4
1:07:30	195.1	195.3	195.1	195.5	196.1	198.2	198.2	197.7
1:10:00	195.0	195.5	195.8	196.3	197.7	199.9	200.9	198.5
1:12:30	195.5	196.1	196.8	197.1	199.4	201.3	202.8	199.9
1:15:00	196.4	197.2	198.5	199.2	202.9	204.6	206.3	200.5
1:17:30	198.1	199.0	200.9	202.3	206.6	210.3	210.5	199.2
1:20:00	201.1	203.3	207.1	210.1	214.3	219.2	219.2	205.9
1:22:30	205.7	212.0	215.2	218.6	222.7	227.6	228.5	217.2
1:25:00	216.0	223.3	224.8	228.0	232.2	237.3	239.4	234.8
1:27:30	225.6	231.6	233.0	236.2	239.7	245.4	248.3	246.1
1:30:00	233.1	238.6	239.7	242.8	246.2	252.3	255.7	253.8
1:32:30	240.7	246.3	247.3	250.2	253.6	260.5	263.2	261.9
1:35:00	249.1	255.1	256.2	258.6	260.8	267.0	270.1	269.9
1:37:30	256.2	262.5	263.7	265.6	266.7	272.5	276.1	276.3
1:40:00	267.1	274.1	275.1	276.5	277.2	281.7	285.4	285.8
1:42:30	275.7	283.2	283.9	284.9	284.5	288.4	291.8	292.8
1:45:00	285.0	292.4	292.8	293.4	292.6	295.4	298.6	300.2

FLORIDA POWER CORPORATION  
 RACEWAY FIRE BARRIERS  
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## TEMPERATURES, °F

TIME hr:min:sec	TC 457	TC 458	TC 459	TC 460	TC 461	TC 462	TC 463	TC 464
1:47:30	293.3	300.6	300.8	301.2	299.7	302.3	305.3	307.8
1:50:00	302.9	310.1	310.0	310.1	307.8	310.6	314.3	316.8
1:52:30	311.9	318.8	318.4	318.7	315.6	319.2	322.5	325.7
1:55:00	319.3	326.0	325.7	325.5	323.3	326.4	330.1	333.2
1:57:30	326.8	333.5	333.1	333.0	330.3	333.9	337.8	340.8
2:00:00	334.9	341.7	341.2	341.4	338.4	342.0	346.0	349.3
2:02:30	341.7	348.5	348.0	348.1	345.2	348.6	353.1	356.6
2:05:00	351.0	358.0	357.3	357.6	354.3	358.2	362.9	367.1
2:07:30	359.4	366.5	365.8	366.2	362.7	366.9	372.8	377.1
2:10:00	367.0	374.3	373.9	374.3	370.7	375.2	382.6	386.6
2:12:30	374.4	381.7	381.4	382.0	378.8	384.1	393.2	395.9
2:15:00	382.7	390.5	390.3	391.5	388.2	394.1	403.7	407.2
2:17:30	388.9	397.3	397.0	398.4	395.5	401.8	411.1	415.8
2:20:00	398.7	407.4	407.6	409.1	407.0	413.7	424.2	429.3
2:22:30	406.3	415.4	416.1	417.8	416.3	423.1	433.7	439.8
2:25:00	414.3	424.1	425.2	426.9	425.5	433.1	444.5	451.9
2:27:30	421.9	432.1	433.4	435.6	434.3	442.1	453.9	461.5
2:30:00	433.4	443.3	444.8	447.0	445.8	453.8	465.9	473.7
2:32:30	444.1	454.5	456.1	458.5	456.9	465.6	479.5	487.4
2:35:00	453.8	464.6	466.2	468.8	467.1	475.6	489.3	500.1
2:37:30	464.0	475.5	477.1	479.4	477.8	486.9	500.5	512.3
2:40:00	475.8	487.6	488.9	491.6	490.1	499.9	513.8	528.1
2:42:30	485.4	497.5	499.4	502.2	501.1	512.4	527.1	536.3
2:45:00	499.6	513.3	514.9	517.8	516.0	528.0	543.0	555.5
2:47:30	513.7	528.9	529.9	531.5	529.0	540.1	557.0	571.7
2:50:00	526.7	541.7	542.8	545.7	541.3	551.9	567.5	573.3
2:52:30	538.6	554.2	556.1	558.6	554.5	565.9	582.1	586.2
2:55:00	552.3	569.6	572.2	572.6	569.8	581.4	593.5	599.4
2:57:30	564.3	583.0	585.2	585.4	574.9	595.8	600.1	591.3
3:00:00	584.6	604.3	605.8	604.9	592.0	611.9	608.1	611.5
3:02:30	602.1	621.4	616.9	612.8	612.7	623.6	611.6	628.6
3:05:00	620.8	638.8	638.7	624.7	628.7	629.7	606.9	622.7
3:07:30	636.3	652.8	647.9	637.3	645.7	653.5	621.9	614.8
3:10:00	659.7	671.1	659.6	662.6	659.1	657.8	669.5	597.1

FLORIDA POWER CORPORATION  
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## TEMPERATURES, °F

TIME hr:min:sec	TC 465	TC 466	TC 467	TC 468	TC 469	TC 470	TC 471	TC 472
0:00:00	81.0	81.3	81.1	81.5	81.3	81.2	81.1	81.5
0:05:00	81.1	81.4	81.6	81.5	81.4	81.2	81.2	81.5
0:07:30	81.1	81.8	83.2	81.8	81.4	81.3	81.2	81.5
0:10:00	82.0	84.1	89.2	83.7	82.1	81.6	81.4	81.6
0:12:30	84.0	88.8	97.3	87.1	83.5	82.3	82.1	82.0
0:15:00	87.1	94.6	107.4	92.6	85.9	83.6	83.1	82.7
0:17:30	91.7	100.4	113.1	97.7	89.4	85.8	84.7	84.1
0:20:00	97.4	106.8	119.2	104.4	94.2	89.4	87.7	87.1
0:22:30	102.0	111.7	123.8	109.3	98.4	92.8	92.6	91.8
0:25:00	110.3	120.0	131.0	117.2	105.5	99.5	98.3	97.7
0:27:30	117.1	126.6	136.1	123.7	111.6	106.1	106.1	105.6
0:30:00	124.7	133.8	141.8	131.0	119.3	114.7	115.6	114.5
0:32:30	131.2	140.1	147.2	138.1	126.2	122.1	125.9	123.4
0:35:00	140.2	148.7	155.2	148.4	136.6	133.4	140.9	136.7
0:37:30	149.9	157.7	163.6	159.2	150.6	147.8	159.1	154.3
0:40:00	162.9	167.7	172.2	170.8	166.1	163.5	171.8	171.8
0:42:30	176.3	178.6	182.5	184.2	182.1	179.7	185.1	186.3
0:45:00	194.8	194.8	197.1	198.4	198.3	197.1	198.3	200.2
0:47:30	204.5	204.4	204.2	205.0	205.4	204.6	205.5	206.8
0:50:00	209.1	209.6	209.5	209.7	209.9	209.5	210.6	210.7
0:52:30	210.0	210.1	210.7	210.8	210.8	210.5	210.6	210.9
0:55:00	210.1	209.9	209.5	210.5	210.8	210.5	210.7	210.9
0:57:30	210.1	209.7	208.7	209.7	210.1	209.8	210.5	210.7
1:00:00	203.6	204.6	206.0	205.0	205.3	205.3	205.4	207.5
1:02:30	199.5	200.4	206.2	202.6	202.6	202.5	202.3	205.9
1:05:00	198.5	199.4	205.4	202.2	202.2	201.3	201.7	205.0
1:07:30	198.6	200.6	208.0	202.5	202.8	201.6	202.2	206.7
1:10:00	200.1	202.9	207.1	204.7	204.3	203.0	203.5	206.0
1:12:30	200.9	203.0	207.8	206.5	205.6	204.0	204.4	207.4
1:15:00	202.2	204.9	218.0	210.9	208.0	206.0	205.5	208.3
1:17:30	206.6	210.3	232.7	218.7	210.7	208.0	207.5	209.7
1:20:00	213.4	229.0	246.1	227.7	215.3	210.1	210.5	210.8
1:22:30	226.6	243.0	253.6	234.2	221.8	215.2	213.8	213.4
1:25:00	242.7	252.7	260.4	240.7	228.8	222.7	219.1	216.5
1:27:30	253.6	261.7	267.0	246.1	234.3	228.4	224.0	219.6
1:30:00	262.2	264.3	272.9	250.4	238.5	233.0	227.2	222.2
1:32:30	271.0	277.2	279.2	255.7	243.4	238.0	231.4	225.5
1:35:00	279.8	285.7	286.4	261.9	248.7	243.0	235.3	229.1
1:37:30	287.1	292.9	292.7	267.0	253.3	247.2	239.4	232.5
1:40:00	297.7	303.2	302.0	275.2	261.0	254.4	246.2	240.2
1:42:30	304.1	309.4	309.2	281.9	267.6	260.5	252.4	246.2
1:45:00	312.0	315.9	316.9	289.8	275.3	267.6	259.5	253.8

FLORIDA POWER CORPORATION  
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## TEMPERATURES, °F

TIME hr:min:sec	TC 465	TC 466	TC 467	TC 468	TC 469	TC 470	TC 471	TC 472
1:47:30	319.6	323.4	324.8	297.9	283.4	274.9	286.8	261.8
1:50:00	329.3	333.7	335.4	308.9	294.6	284.9	276.7	272.3
1:52:30	337.2	343.0	346.5	321.1	307.2	296.4	287.7	284.1
1:55:00	344.9	351.2	356.3	332.2	319.0	307.5	298.7	294.8
1:57:30	352.6	359.7	366.5	344.0	331.5	319.2	310.7	307.5
2:00:00	361.4	369.2	377.6	357.0	345.4	332.8	324.6	322.8
2:02:30	368.8	377.1	387.0	367.6	357.1	344.7	337.1	336.1
2:05:00	380.5	389.2	401.0	383.9	374.9	362.9	356.0	355.9
2:07:30	389.5	399.0	411.8	396.7	388.9	377.1	370.6	370.9
2:10:00	398.9	409.2	423.2	410.7	404.1	392.8	386.5	387.6
2:12:30	408.4	419.3	434.5	424.8	419.4	408.4	402.7	405.2
2:15:00	419.7	431.7	448.2	441.8	437.9	426.9	421.9	426.1
2:17:30	428.4	441.1	459.5	455.2	452.4	441.5	436.9	442.7
2:20:00	442.1	455.9	476.7	477.1	476.5	465.0	461.4	469.8
2:22:30	452.8	467.6	488.9	494.3	495.6	484.2	481.3	490.9
2:25:00	464.9	480.6	503.1	513.0	516.9	505.6	503.4	515.3
2:27:30	475.1	492.2	517.3	530.3	536.3	552.7	525.6	555.4
2:30:00	488.2	507.6	560.3	526.1	589.8	873.6	555.7	616.5
2:32:30	503.0	524.8	828.2	769.5	632.3	1029.0	657.6	697.0
2:35:00	516.6	539.5	849.8	964.9	957.7	971.1	712.3	771.0
2:37:30	531.2	554.9	1082.0	994.5	1149.7	1162.3	1101.9	969.3
2:40:00	547.7	566.7	1179.0	1059.6	1197.6	1200.9	1157.5	1079.9
2:42:30	557.6	589.1	1194.5	1130.6	1210.6	894.6	1181.5	1165.8
2:45:00	564.4	601.0	1235.2	1181.4	1250.2	1089.2	1223.9	1202.9
2:47:30	598.0	612.1	990.9	1179.4	1266.1	1148.6	1240.0	1057.1
2:50:00	607.7	614.6	1014.6	1191.8	1270.9	1164.3	1249.0	1078.3
2:52:30	614.4	577.4	1090.5	1175.5	1276.5	1071.7	1251.7	1056.1
2:55:00	633.5	591.7	1026.9	1180.0	1202.0	936.5	1265.9	1096.2
2:57:30	630.1	592.3	1133.8	1186.2	1222.1	1174.3	1277.5	996.6
3:00:00	625.5	604.9	1074.8	1197.8	1218.7	1194.4	1281.5	1073.3
3:02:30	623.6	613.5	1117.8	1210.7	1207.6	1085.8	1288.6	1088.1
3:05:00	661.8	575.6	1136.4	1218.2	1211.2	1327.4	1292.4	986.9
3:07:30	697.7	595.4	864.4	1227.9	982.7	1172.3	1294.7	1098.4
3:10:00	681.8	655.9	1017.7	1178.8	1196.2	1132.7	1217.9	880.1

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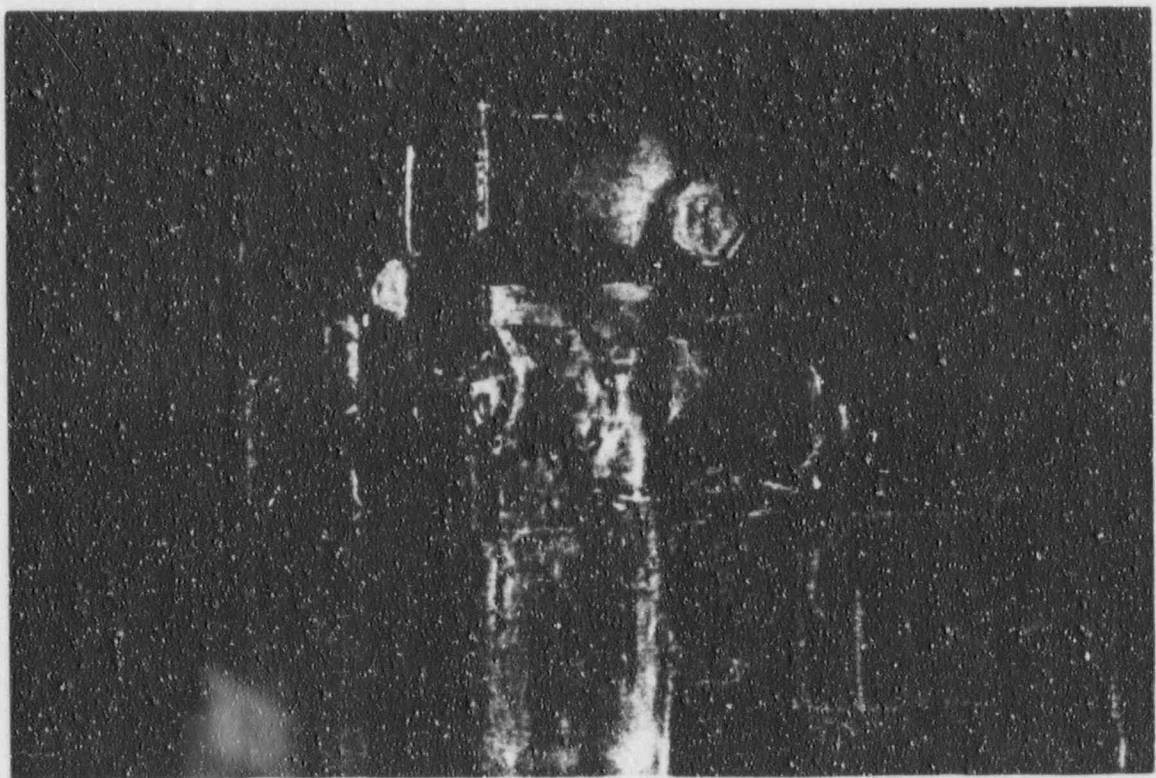
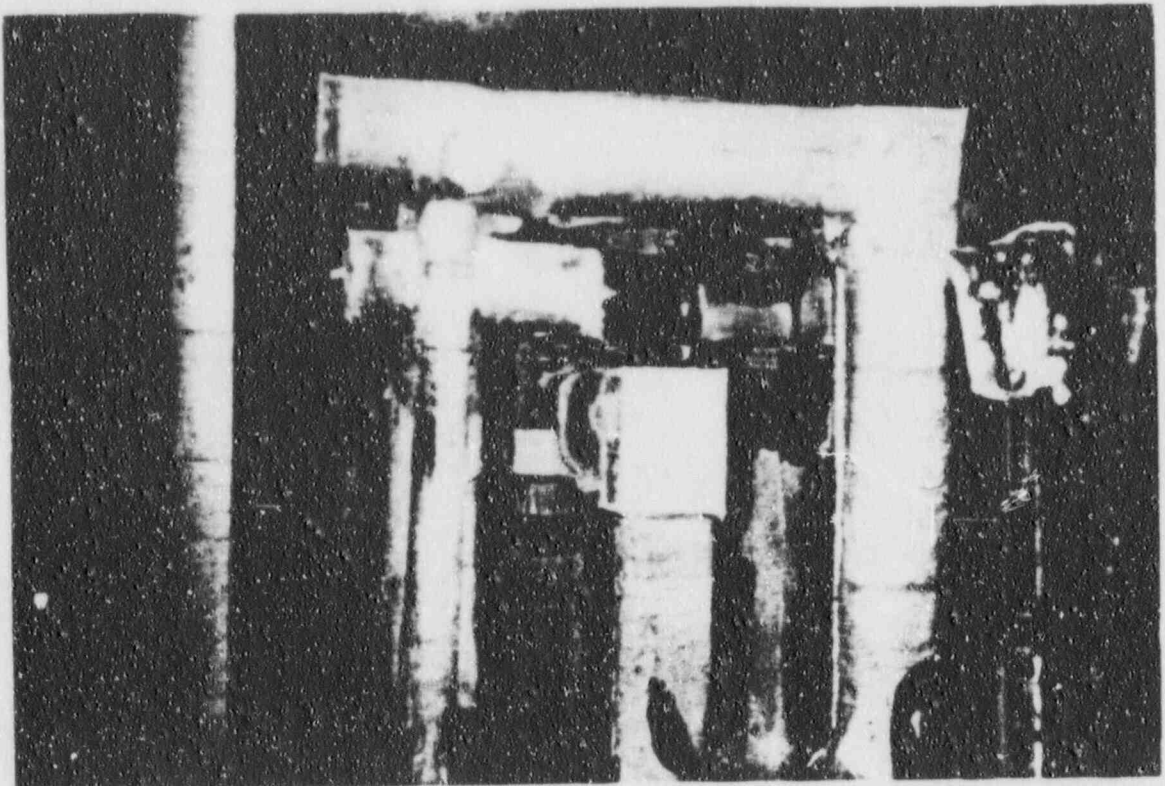
## TEMPERATURES, °F

TIME hr:min:sec	TC 473	TC 474	TC 475	TC 476	TC 477	TC 478	TC 479
0:00:00	81.3	81.8	81.5	82.0	81.8	82.4	82.2
0:05:00	81.4	81.8	81.6	82.0	81.8	82.3	82.3
0:07:30	81.4	81.8	81.6	82.0	81.8	82.4	82.3
0:10:00	81.6	81.9	81.6	82.0	81.9	82.4	82.4
0:12:30	82.0	82.1	82.0	82.3	82.1	82.6	82.7
0:15:00	82.6	82.7	82.5	82.9	82.6	83.0	83.1
0:17:30	84.0	83.8	83.6	83.9	83.4	83.7	83.7
0:20:00	86.7	86.0	85.5	85.8	85.0	85.0	84.9
0:22:30	90.9	89.4	88.8	88.7	87.5	87.1	86.7
0:25:00	96.0	94.2	93.1	92.4	90.8	89.8	88.9
0:27:30	103.0	99.8	98.4	97.2	95.1	93.2	91.7
0:30:00	109.6	104.8	103.5	101.8	99.6	96.9	94.7
0:32:30	113.9	109.1	107.4	105.5	102.8	99.5	97.0
0:35:00	121.4	115.1	112.1	110.4	107.0	102.4	99.9
0:37:30	131.0	121.7	117.0	114.5	111.1	105.4	102.4
0:40:00	145.3	129.0	122.3	119.2	115.8	109.5	105.6
0:42:30	162.4	138.6	129.2	125.1	121.5	114.3	109.2
0:45:00	185.9	155.3	141.1	134.6	130.7	121.1	114.2
0:47:30	204.4	181.1	160.5	149.0	142.4	128.7	119.0
0:50:00	210.4	210.5	210.1	208.9	168.8	144.8	126.9
0:52:30	210.8	210.8	210.8	210.6	210.8	210.4	164.5
0:55:00	210.8	210.8	210.9	210.7	210.8	210.8	210.6
0:57:30	210.7	210.7	210.7	210.8	210.7	210.8	210.5
1:00:00	208.6	208.6	208.7	208.7	208.6	208.7	209.0
1:02:30	207.7	206.9	207.0	206.6	206.9	206.8	206.8
1:05:00	205.9	206.7	206.3	205.9	206.2	206.2	206.1
1:07:30	206.6	206.5	206.1	205.4	206.0	205.8	205.6
1:10:00	206.7	207.0	206.5	205.8	206.2	206.3	205.7
1:12:30	207.4	207.7	206.8	206.1	206.5	206.8	205.9
1:15:00	208.1	208.0	207.0	206.2	206.5	207.0	205.9
1:17:30	208.0	208.1	207.3	205.6	206.3	207.0	205.5
1:20:00	208.5	209.0	207.6	205.6	206.2	207.0	205.3
1:22:30	210.3	210.6	208.8	205.9	206.4	207.4	205.3
1:25:00	212.5	213.2	211.4	206.6	206.7	207.8	205.7
1:27:30	217.0	216.9	214.5	209.1	207.7	208.9	206.7
1:30:00	221.2	220.3	217.5	211.8	209.2	210.4	207.7
1:32:30	226.4	224.1	221.3	215.2	211.9	212.5	209.6
1:35:00	230.6	228.0	224.7	219.4	216.2	215.2	212.0
1:37:30	235.2	231.6	227.9	222.7	220.1	218.2	214.2
1:40:00	242.5	238.4	233.6	228.3	226.3	224.0	218.6
1:42:30	248.4	244.2	238.9	233.0	230.6	228.3	221.6
1:45:00	255.5	251.3	245.2	238.6	236.0	233.6	224.8

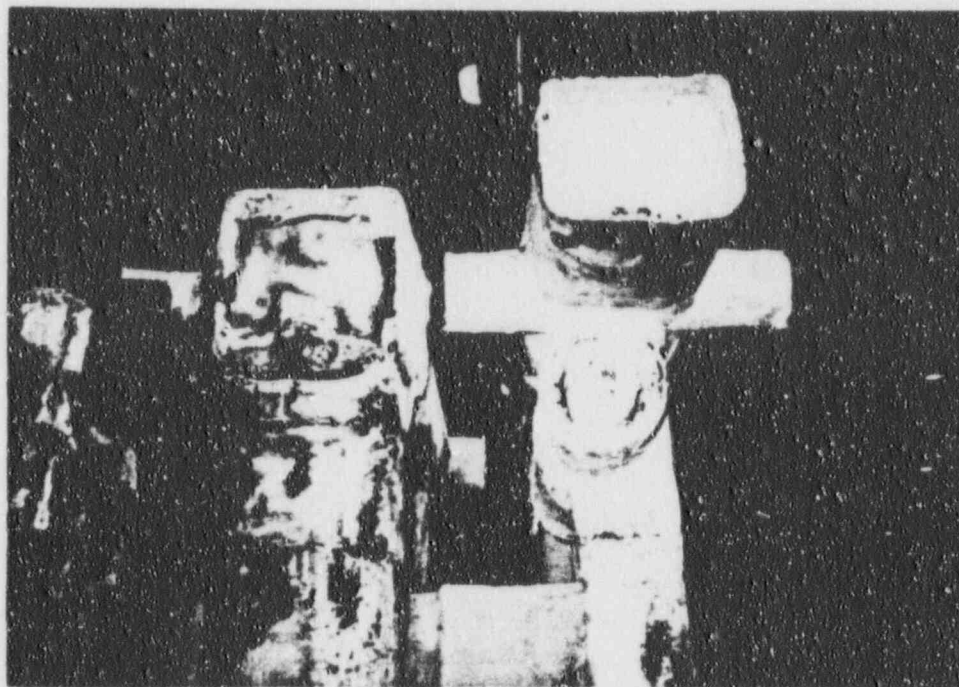
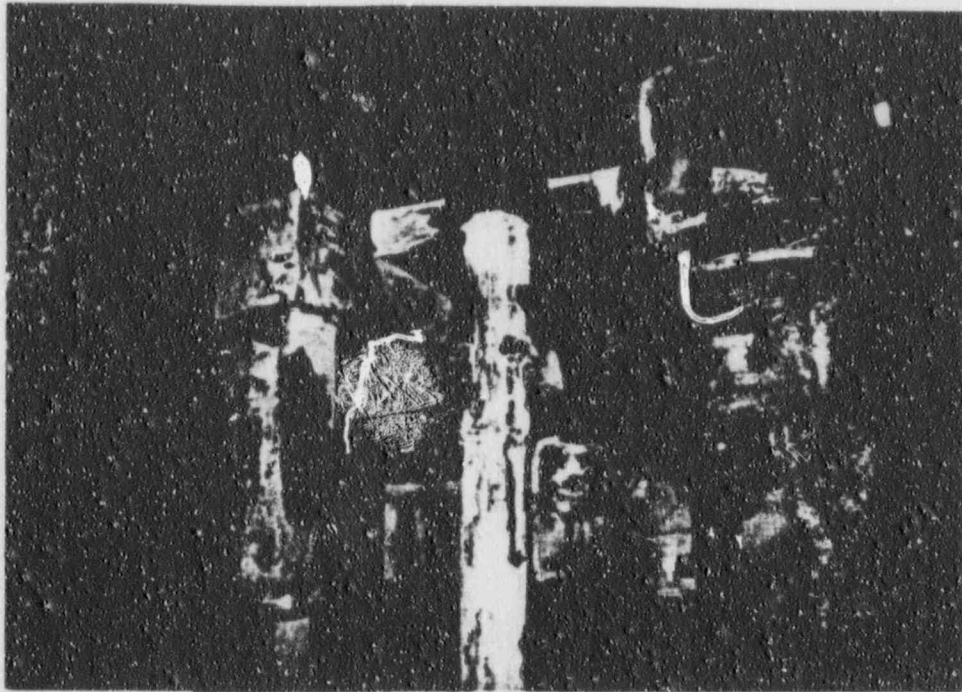
FLORIDA POWER CORPORATION  
 RACEWAY FIRE BARRIERS  
 95NK17030/NC1973  
 Test Date: JULY 8, 1996

## TEMPERATURES, °F

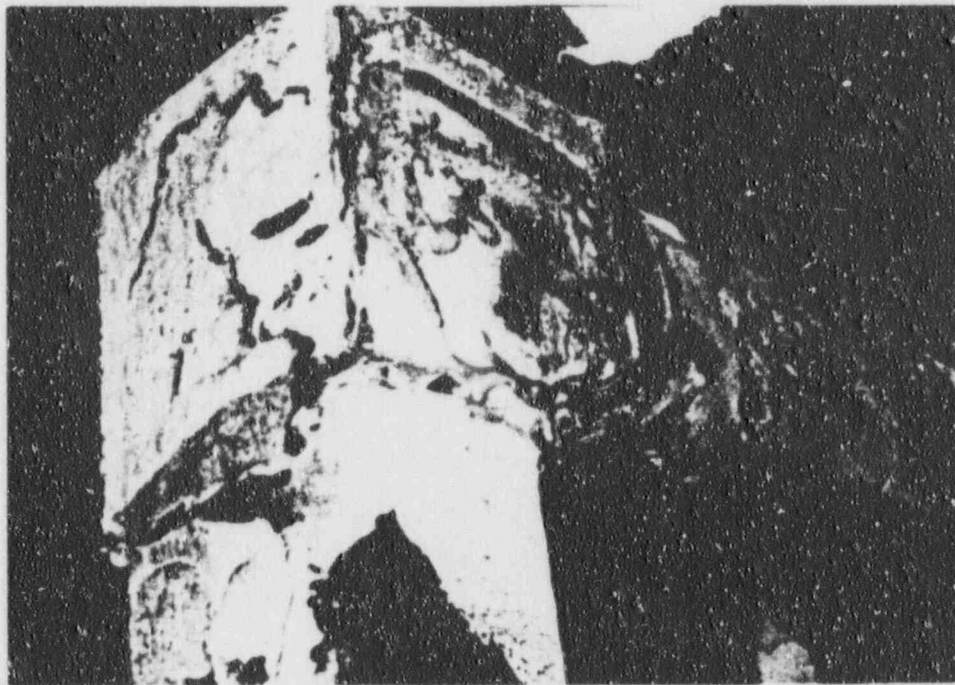
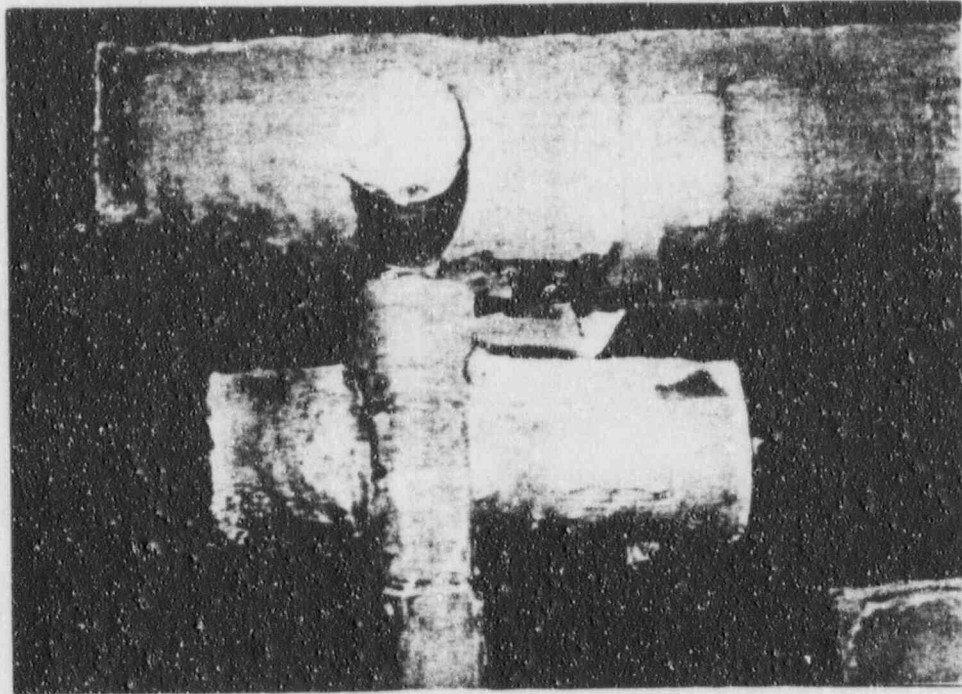
TIME hr:min:sec	TC 473	TC 474	TC 475	TC 476	TC 477	TC 478	TC 479
1:47:30	263.4	258.7	252.1	245.0	241.2	238.2	228.0
1:50:00	273.7	269.0	261.8	253.8	248.9	244.6	231.6
1:52:30	286.0	281.2	273.2	264.1	258.1	251.7	235.9
1:55:00	298.0	293.3	284.8	274.7	267.3	259.7	240.3
1:57:30	311.3	306.9	297.7	286.7	277.9	267.4	245.4
2:00:00	327.5	323.3	313.7	301.5	291.8	277.4	251.9
2:02:30	342.4	338.2	328.3	314.9	303.2	286.4	258.2
2:05:00	364.6	360.0	349.2	336.1	321.3	304.8	269.1
2:07:30	379.6	377.6	366.8	354.0	337.0	319.5	278.7
2:10:00	397.6	396.8	386.6	373.6	355.0	335.5	289.7
2:12:30	416.1	416.0	406.3	392.9	373.6	351.6	301.7
2:15:00	438.7	440.0	430.3	415.9	394.9	371.7	317.0
2:17:30	456.6	457.9	448.7	433.8	411.8	387.5	329.4
2:20:00	485.9	487.0	478.0	462.4	438.5	412.4	350.0
2:22:30	510.4	512.2	502.7	484.8	460.3	433.0	367.7
2:25:00	539.1	542.5	533.2	510.1	485.2	455.1	387.7
2:27:30	564.6	568.9	562.2	538.1	512.1	477.6	407.2
2:30:00	602.8	607.2	599.3	573.9	553.2	507.3	432.8
2:32:30	1012.4	823.2	952.3	739.3	569.0	543.4	543.9
2:35:00	1084.5	954.5	1021.5	981.6	797.4	671.5	548.3
2:37:30	1113.2	1127.9	1088.8	1143.1	1123.0	693.4	840.1
2:40:00	1125.4	1077.1	1170.2	1194.3	1166.9	969.3	1158.7
2:42:30	1181.7	1159.8	1189.8	1170.0	1198.2	1042.6	1172.9
2:45:00	1203.3	1198.3	1166.7	1169.0	1233.6	958.1	1214.7
2:47:30	1176.9	1229.4	1245.2	1186.8	1246.4	1096.3	1235.1
2:50:00	1139.1	1262.2	1208.4	1214.2	1256.2	1009.2	1245.7
2:52:30	1102.3	1262.8	1017.9	1239.1	1261.4	1149.7	1248.4
2:55:00	1219.7	1282.4	1056.3	1142.8	1123.1	1147.2	1255.0
2:57:30	1127.8	1130.6	1058.4	1147.5	1140.7	1154.0	1265.8
3:00:00	1151.3	1289.8	1056.5	1311.1	1128.7	1109.7	1275.0
3:02:30	1151.0	1285.5	1022.9	1255.0	1102.3	1130.0	1290.2
3:05:00	1123.9	1297.8	1239.4	1167.3	1101.9	1184.7	1017.4
3:07:30	861.8	1209.6	1280.8	1299.1	1159.3	1174.3	784.5
3:10:00	1144.2	1040.9	1285.2	1273.1	966.8	1156.2	837.7



ASSEMBLY AFTER FIRE TEST



ASSEMBLY AFTER FIRE TEST



ASSEMBLY AFTER FIRE TEST

APPENDIX E  
INSTRUMENT CALIBRATION RECORDS

The instruments used during the test program were provided by Underwriters Laboratories Inc. Each of the instruments was calibrated against an instrument having calibration traceable to the National Institute of Standards and Technology (NIST). The calibration records of each instrument are on file at Underwriters Laboratories Inc. The following instruments were used in the test program:

Instrument Type	Instrument No.	Calib. Date	Calib. Due
Furnace Temperature Recorder	22FI5TR	5-14-96	5-14-97
Furnace Control Pressure Gauge	3FB5MH	12-8-95	12-8-96
Furnace Control Pressure Gauge	18FB5MH	6-11-96	6-11-97
Digital Temperature Meter	32FB5DTM	2-8-96	2-8-97
Digital Temperature Meter	34FB5DTM	2-8-96	2-8-97
Digital Temperature Meter	35FB5DTM	2-8-96	2-8-97
Data Acquisition System	15FI5DAS	5-7-96	5-7-97
Data Acquisition System	23FB5DAS	5-31-96	5-31-97
Thermocouple Scanner	3FI5SCNR	5-9-96	5-9-97
Thermocouple Scanner	4FI5SCNR	5-8-96	5-8-97
Thermocouple Scanner	6FI5SCNR	5-8-96	5-8-97
Thermocouple Scanner	8FI5SCNR	5-8-96	5-8-97
Thermocouple Scanner	9FI5SCNR	5-10-96	5-10-97
Pressure Transducer	3FI5EPT	6-19-96	6-19-97
Pressure Transducer	64F65EPT	6-19-96	6-19-97
Clock	13FB5CLK	6-17-96	6-17-97
Clock	20FB5CLK	6-17-96	6-17-97

ONE HOUR TSI ON 6"X4" TRAY  
AND SUPPORTS

REV 1

FLORIDA POWER  
CORPORATION

INSPECTION PLAN NO: 001

---

THERMO-LAG FIRE BARRIER SYSTEMS

VERIFICATION OF THE INSPECTION POINTS LISTED BELOW MUST BE ACCOMPLISHED FOR EACH THERMO-LAG 330 FIRE BARRIER MODIFICATION OR REWORK AS TABULATED ON THE CONTINUATION SHEETS OF THIS INSPECTION PLAN. THIS PLAN PROVIDES INSTRUCTIONS FOR ACCOMPLISHING EACH INSPECTION POINT. INSTALLATION INSPECTIONS WILL BE DONE BY QC PERSONS QUALIFIED FOR THE INSTALLATION OF T.S.I. FIRE BARRIERS.

THE QUALIFIED THERMO-LAG QC INSPECTOR WILL MAKE FIELD JUDGMENTS AND DETERMINATIONS OF ACCEPTABILITY OF UNSPECIFIED TOLERANCES, DIMENSIONS, TECHNIQUES, AND OTHER UNLISTED CRITERIA BASED ON HIS KNOWLEDGE AND TRAINING ON THE TSI, INC. THERMO-LAG 330 FIRE BARRIER SYSTEM INSTALLATION PROCEDURES. FINAL INSPECTIONS MUST BE DONE ONLY AFTER SUFFICIENT CURE TIME (ONE DAY OR MORE) HAS BEEN ALLOWED FOR SHRINKAGE AND HARDENING OF THE APPLIED 330-1 TROWEL GRADE SUBLINING COM- POUND.

NOTE: INSP. PT. 1,4 AND 6 WILL REQUIRE AN INPROCESS INSPECTION TO DETERMINE MATERIAL THICKNESS.

---

INSP.

PT. DESCRIPTION OF INSPECTION/ACCEPTANCE CRITERIA

---

- 0001. QC TO VERIFY MATERIAL THICKNESS UPON REMOVAL OF TSI MATERIAL AND VERIFY MATERIAL THICKNESS IS DOCUMENTED IN THE WORK PACKAGE.
- 0002. QC TO VERIFY THE REMOVED THICKNESS IS REINSTALLED SATISFACTORILY.
- 0003. QC TO VERIFY THERE ARE NO HOLES, CRACKS, OPEN SEAMS, GAPS OR DEPRESSIONS THAT WOULD VIOLATE MATERIAL THICKNESS REQUIREMENTS.
- 0004. QC IS TO VERIFY THE 18 IN. RULE IS MET FOR INSULATION ~~ON~~ ALL APPENDIX R CONDUITS/OTHER INSTALLATIONS.
- 0005. VERIFY BANDING IS NOT MORE THAN 2 INCHES FROM THE ENDS AND NOT MORE THAN 12 INCHES SPACING BETWEEN

---

PREPARED BY GRAHAM, STANLEY A  
QUALIFIED INSPECTION PLANNER

DATE 06/23/95

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REV 1

FLORIDA POWER  
CORPORATION

INSP.

PT. DESCRIPTION OF INSPECTION/AcCEPTANCE CRITERIA

BANDS OF WIRE.

0006. QC IS TO VERIFY SPACING OF ANCHOR BOLTS IS NOT MORE THAN 12 INCHES AND IS COVERED BY 1/2 INCH OR 1 INCH OR TROWEL GRADE THERMO-LAG. THERE ARE NO BOLT TORQUE REQUIREMENTS IN THIS INSPECTIONS.
0007. QC IS TO VERIFY ALL CONDUITS, JUNCTION BOXES, DISTRIBUTION PANELS AND CABLE TRAYS THAT ARE COVERED HAVE THEIR IDENTITIES FIRED ON THE THERMO-LAG COVERING THEM EQUIVALENT TO EXISTING PLANT PROCEDURE MP-403.
0008. QC IS TO VERIFY ALL CORNERS ARE TROWELED TO A SEMI-SQUARE CONFIGURATION SO THAT THE BARRIER MATERIAL THICKNESS WILL BE MAINTAINED FOR ALL SURFACES AND THAT THE SPECIFIED THICKNESS MATERIAL IS INSTALLED.

PREPARED BY GRAHAM, STANLEY A  
QUALIFIED INSPECTION PLANNER

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## INSPECTION PLAN

FLORIDA POWER  
CORPORATION

INSPECTION PLAN NO: 001

## SPECIAL INSTRUCTIONS:

ASSEMBLE TROY WITH TRY FIT TSI ONLY, AND USE  
TROWEL GRADE ON SUPPORTS AND 18" CRITERIA

INSP. PT.	DESCRIPTION OF INSPECTION ITEM OR ACCEPTANCE CRITERIA	REJ	ACC	INSP. INIT AND DATE
0001				
0002	REMOVED FROM STOCK 5/8" TK. MIN.		Q	Q 5/29/96
0003			Q	Q 5/29/96
0004			Q	Q 5/29/96
0005			Q	Q 5/29/96
0006				
0007				
0008			Q	Q 5/29/96
	THIS ARTICLE WAS COMPLETED ON 5/29/96 Q			
<b>REMARKS:</b> FOR THIS U/L TEST, ALL OF THE ONE HOUR TSI WAS DRY FIT ON THE TROY ASSEMBLY. USING SS BONDING 1/2" AND TIE WIRES WHILE ALL OF THE SUPPORTS WERE PRE/POST BUTTLED & TROWEL GRADE USED DS WITH THE CONDUIT (18" CRITERIA)				

 PREPARED BY GRAHAK, STANLEY A  
 QUALIFIED INSPECTION PLANNER

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 DATE

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THREE HOUR TSI ON 6"x4" TRSY  
AND SUPPORTS

REV 1

FLORIDA POWER  
CORPORATION

INSPECTION PLAN NO: 001

---

THERMO-LAG FIRE BARRIER SYSTEMS

VERIFICATION OF THE INSPECTION POINTS LISTED BELOW MUST BE ACCOMPLISHED FOR EACH THERMO-LAG 330 FIRE BARRIER MODIFICATION OR REMOVAL AS TABULATED ON THE CONTINUATION SHEETS OF THIS INSPECTION PLAN. THIS PLAN PROVIDES INSTRUCTIONS FOR ACCOMPLISHING EACH INSPECTION POINT. INSTALLATION INSPECTIONS WILL BE DONE BY QC PERSONS QUALIFIED FOR THE INSTALLATION OF T.S.I. FIRE BARRIERS.

THE QUALIFIED THERMO-LAG QC INSPECTOR WILL MAKE FIELD JUDGMENTS AND DETERMINATIONS OF ACCEPTABILITY OF UNSPECIFIED TOLERANCES, DIMENSIONS, TECHNIQUES, AND OTHER UNLISTED CRITERIA BASED ON HIS KNOWLEDGE AND TRAINING ON THE TSI, INC. THERMO-LAG 330 FIRE BARRIER SYSTEM INSTALLATION PROCEDURES. FINAL INSPECTIONS MUST BE DONE ONLY AFTER SUFFICIENT CURE TIME (ONE DAY OR MORE) HAS BEEN ALLOWED FOR SHRINKAGE AND HARDENING OF THE APPLIED 330-1 TROWEL GRADE SUBLINING CON- POUND.

NOTE: INSP. PT. 1,4 AND 6 WILL REQUIRE AN INPROCESS INSPECTION TO DETERMINE MATERIAL THICKNESS.

---

INSP.

PT. DESCRIPTION OF INSPECTION/ACCEPTANCE CRITERIA

---

- 0001. QC TO VERIFY MATERIAL THICKNESS UPON REMOVAL OF TSI MATERIAL AND VERIFY MATERIAL THICKNESS IS DOCUMENTED IN THE WORK PACKAGE.
- 0002. QC TO VERIFY THE REMOVED THICKNESS IS REINSTALLED SATISFACTORILY.
- 0003. QC TO VERIFY THERE ARE NO HOLES, CRACKS, OPEN SEAMS, GAPS OR DEPRESSIONS THAT WOULD VIOLATE MATERIAL THICKNESS REQUIREMENTS.
- 0004. QC IS TO VERIFY THE 18 IN. RULE IS MET FOR INSULATION ON ALL APPENDIX R CONDUITS/OTHER INSTALLATIONS.
- 0005. VERIFY BANDING IS NOT MORE THAN 2 INCHES FROM THE ENDS AND NOT MORE THAN 12 INCHES SPACING BETWEEN

---

PREPARED BY GRAHAM, STANLEY A  
QUALIFIED INSPECTION PLANNER

DATE 06/23/95

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FLORIDA POWER  
CORPORATION

INSP.

PT. DESCRIPTION OF INSPECTION/AcCEPTANCE CRITERIA

BANDS OF WIRE.

0006. QC IS TO VERIFY SPACING OF ANCHOR BOLTS IS NOT MORE THAN 12 INCHES AND IS COVERED BY 1/2 INCH OR 1 INCH OR TROWEL GRADE THERMO-LAG. THERE ARE NO BOLT TORQUE REQUIREMENTS IN THIS INSPECTIONS.
0007. QC IS TO VERIFY ALL CONDUITS, JUNCTION BOXES, DISTRIBUTION PANELS AND CABLE TRAYS THAT ARE COVERED HAVE THEIR IDENTITIES FILED ON THE THERMO-LAG COVERING THEM EQUIVALENT TO EXISTING PLANT PROCEDURE XP-403.
0008. QC IS TO VERIFY ALL CORNERS ARE TROWELED TO A SEMI-SQUARE CONFIGURATION SO THAT THE BARRIER MATERIAL THICKNESS WILL BE MAINTAINED FOR ALL SURFACES AND THAT THE SPECIFIED THICKNESS MATERIAL IS INSTALLED.

PREPARED BY GRAFFIN, STANLEY A  
QUALIFIED INSPECTION PLANNER

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REV 1

## INSPECTION PLAN

FLORIDA POWER  
CORPORATION

INSPECTION PLAN NO: 001

## SPECIAL INSTRUCTIONS:

ASSEMBLE TRAY WITH DRY FIT TSI ONLY, AND  
USE TROWEL GRADE ON SUPPORTS AND 18" CRITICIA

INSP. PT.	DESCRIPTION OF INSPECTION ITEM OR ACCEPTANCE CRITERIA	REV	ACC	INSP. INIT AND DATE
0001				
0002	REMOVED FROM STOCK 1.25" MIN.		Q	Q 5/31/96
0003			Q	Q 5/31/96
0004			Q	Q 5/31/96
0005			Q	Q 5/31/96
0006				
0007				
0008			Q	Q 5/31/96
	THIS ARTICLE WAS COMPLETED ON 5/31/96			
<b>REMARKS:</b> FOR THIS UL TEST ALL OF THE THREE HOUR TSI WAS DRY FIT ON THE TRAY ASSEMBLY, USING SS BONDING 1/2" AND TIE-WIRE, WHILE ALL OF THE SUPPORTS WERE PIE/POST BUTTLED & TROWEL GRADE USED AS WITH THE CONCRETE				

PREPARED BY GRAHAM, STANLEY A  
 QUALIFIED INSPECTION PLANNER

06/23/95  
 DATE

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REV 1

PECO TSI WIDEWIDY ASSEMBLY -

FLORIDA POWER  
CORPORATION

INSPECTION PLAN NO: 001

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THERMO-LAG FIRE BARRIER SYSTEMS

VERIFICATION OF THE INSPECTION POINTS LISTED BELOW MUST BE ACCOMPLISHED FOR EACH THERMO-LAG 330 FIRE BARRIER MODIFICATION OR RERWORK AS TABULATED ON THE CONTINUATION SHEETS OF THIS INSPECTION PLAN. THIS PLAN PROVIDES INSTRUCTIONS FOR ACCOMPLISHING EACH INSPECTION POINT. INSTALLATION INSPECTIONS WILL BE DONE BY QC PERSONS QUALIFIED FOR THE INSTALLATION OF T.S.I. FIRE BARRIERS.

THE QUALIFIED THERMO-LAG QC INSPECTOR WILL MAKE FIELD JUDGEMENTS AND DETERMINATIONS OF ACCEPTABILITY OF UNSPECIFIED TOLERANCES, DIMENSIONS, TECHNIQUES, AND OTHER UNLISTED CRITERIA BASED ON HIS KNOWLEDGE AND TRAINING ON THE TSI, INC. THERMO-LAG 330 FIRE BARRIER SYSTEM INSTALLATION PROCEDURES. FINAL INSPECTIONS MUST BE DONE ONLY AFTER SUFFICIENT CURE TIME (ONE DAY OR MORE) HAS BEEN ALLOWED FOR SHRINKAGE AND HARDENING OF THE APPLIED 330-1 TROWEL GRADE SUBLINING COM- POUND.

NOTE: INSP. PT. 1, 4 AND 6 WILL REQUIRE AN INPROCESS INSPEC-  
TION TO DETERMINE MATERIAL THICKNESS.

---

INSP.

PT. DESCRIPTION OF INSPECTION/ACCEPTANCE CRITERIA

---

- 0001. QC TO VERIFY MATERIAL THICKNESS UPON REMOVAL OF TSI MATERIAL AND VERIFY MATERIAL THICKNESS IS DOCUMENTED IN THE WORK PACKAGE.
- 0002. QC TO VERIFY THE REMOVED THICKNESS IS REINSTALLED SATISFACTORILY.
- 0003. QC TO VERIFY THERE ARE NO HOLES, CRACKS, OPEN SEAMS, GAPS OR DEPRESSIONS THAT WOULD VIOLATE MATERIAL THICKNESS REQUIREMENTS.
- 0004. QC IS TO VERIFY THE 18 IN. RULE IS MET FOR INSULATION ALL APPENDIX R CONDUITS/OTHER INSTALLATIONS.
- 0005. VERIFY BANDING IS NOT MORE THAN 2 INCHES FROM THE ENDS AND NOT MORE THAN 12 INCHES SPACING BETWEEN

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PREPARED BY GRAMAK, STANLEY A  
QUALIFIED INSPECTION PLANNER

DATE 06/23/95

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REV 1

FLORIDA POWER  
CORPORATION

INSP.

PT. DESCRIPTION OF INSPECTION/AcCEPTANCE CRITERIA

BANDS OF WIRE.

0006. QC IS TO VERIFY SPACING OF ANCHOR BOLTS IS NOT MORE THAN 12 INCHES AND IS COVERED BY 1/2 INCH OR 1 INCH OR TROWEL GRADE THERMO-LAG. THERE ARE NO BOLT TORQUE REQUIREMENTS IN THIS INSPECTIONS.
0007. QC IS TO VERIFY ALL CONDUITS, JUNCTION BOXES, DISTRIBUTION PANELS AND CABLE TRAYS THAT ARE COVERED HAVE THEIR IDENTITIES FILLED ON THE THERMO-LAG COVERING THEM EQUIVALENT TO EXISTING PLANT PROCEDURE KP-403.
0008. QC IS TO VERIFY ALL CORNERS ARE TROWELED TO A SEMI-SQUARE CONFIGURATION SO THAT THE BARRIER MATERIAL THICKNESS WILL BE MAINTAINED FOR ALL SURFACES AND THAT THE SPECIFIED THICKNESS MATERIAL IS INSTALLED.

PREPARED BY GRAHAM, STANLEY A  
QUALIFIED INSPECTION PLANNER

DATE 06/23/95

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REV 1

# INSPECTION PLAN

FLORIDA POWER  
CORPORATION

INSPECTION PLAN NO: 001

**SPECIAL INSTRUCTIONS:**

INSTALL TSI DRY FIT ON 1/2 OF THIS ASSEMBLY  
TO INCLUDE SUPPORT AS WELL AS WIREWAY

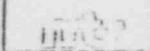
INSP. PT.	DESCRIPTION OF INSPECTION ITEM OR ACCEPTANCE CRITERIA	REV	ACC	INSP. INIT AND DATE
0001				
0002				
0003			Q	Q 5/31/96
0004				
0005			Q	Q 5/31/96
0006				
0007				
0008				
	<p>THIS ARTICLE WAS COMPLETED 5/31/96. Q</p> <p>DRY FIT ONLY ON PECO'S WIREWAY-</p> <p>DRY FIT ONLY ON SUPPORT-</p>			
REMARKS:				

PREPARED BY GRAHAM, STANLEY A  
QUALIFIED INSPECTION PLANNER

06/23/95  
DATE

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1/10/96

 <b>MECATISS</b> Z.I - BP.19 38510 MORESTEL		CONTRACT <b>V.L. TEST</b>		<b>Quality control</b>		Installation of MPF 60 <b>TRAY (A)</b>				Q.C. N° :	
Procedure used	Rev.	End of installation		OPERATIONS I : Activity point S : Stopping point						Batch Number	Observations FNC
		DATE	N°			MECATISS HN1 VISA	MECATISS HN2 VISA	MECATISS HN3 VISA	CUSTOMER VISA		
<b>94MC0056</b>	<b>C</b>	<b>6.6.96</b>	<b>1</b>	Inspection preliminary		<del>30</del>		S <del>1</del>	S <del>2</del>	<b>E 3933</b>	S.I.C.O
		<b>6.11.96</b>	<b>2</b>	Set the inner SILCO on TSI		<del>30</del>				<b>694062/1</b>	NPFA
		<b>6.12.96</b>	<b>3</b>	Set the layer of MPF A		<del>30</del>		S <del>1</del>		<b>E 3933</b>	S.I.C.O
		<b>6.12.96</b>	<b>4</b>	Set the outer SILCO		<del>30</del>					
		<b>6.12.96</b>	<b>5</b>	Apply mastic 75 glue on joint		<del>30</del>					
		<b>6.12.96</b>	<b>6</b>	Check Q.C. informed.				S <del>1</del>		<b>694030/10</b>	F active
									<b>200396:II</b>	75A	

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# ORIGINAL

<b>MECATISS</b> Z.I - BP.19 38510 MORESTEL		CONTRACT U.L. TEST		<b>Quality control</b>		Installation of MTS 1 TRAY (B)				Q.C. N° :	
Procedure used  95 MC 0010	Rev. B	End of installation	N°	OPERATIONS I : Activity point S : Stopping point	MECATISS HN1 VISA	MECATISS HN2 VISA	MECATISS HN3 VISA	CUSTOMER VISA	Batch Number	Observations FNC	
		DATE									
		6.6.96	1	Inspection preliminary			S	S	P	E3933	Silco
		6.6.96	2	Set the inner SILCO							
		6.11.96	3	Set the first layer of MPF A			S			692062/2	MPF A
		6.11.96	4	Set the second layer of MPF A			S			590131/3	MPF A
		6.12.96	5	Set the outer SILCO							
		6.12.96	6	Apply mastic 75 glue on joint						E3933	Silco
		6.12.96	7	Cheek Q.C. informed.			S				
										800396/121	7517
										634030/10	Facture

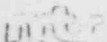
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# ORIGINAL

<b>MECATISS</b> <b>Z.I - BP.19</b> <b>38510 MORES TEL</b>		<b>CONTRACT</b> <b>U.L. TEST</b>		<b>Quality control</b>		<b>Installation of MPF 180</b> <b>TRAY (C)</b>				<b>Q.C.</b> <b>N° :</b>	
<b>Procedure used</b>	<b>Rev.</b>	<b>End of installation</b>		<b>OPERATIONS</b>						<b>Batch Number</b>	<b>Observations FNC</b>
		<b>DATE</b>	<b>N°</b>	<b>I : Activity point</b> <b>S : Stopping point</b>	<b>MECATISS HN1</b>  <b>VISA</b>	<b>MECATISS HN2</b>  <b>VISA</b>	<b>MECATISS HN3</b>  <b>VISA</b>	<b>CUSTOMER</b>  <b>VISA</b>			
<b>94 MC 0057</b>	<b>C</b>	6.6.96	1	Inspection preliminary			S	+	S		
		6.10.96	2	Set the inner SILCO on TSI	<del>300</del>						E 3993 Silco
		6.10.96	3	Set the layer of MPF A	<del>300</del>		S	+			698062/3 NPFA
		6.11.96	4	Set the layer of MPF B	<del>300</del>		S	+			590131/3 NPFA
		6.11.96	5	Set the outer SILCO	<del>300</del>						694062/4 NPFB
		6.11.96	6	Apply mastic 75 glue on joint	<del>300</del>						590131/5 NPFB
		6.11.96	7	Cheek Q.C. informed.			S	+			E 3993 Silco
											900396 IEI 75 H 590111/7 Factive 694030/10 Factive





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# ORIGINAL

 <b>MECATISS</b> <b>Z.I - BP.19</b> <b>38510 MORESTEL</b>		<b>CONTRACT</b> <b>U.L TEST</b>		<b>Quality control</b>		<b>Installation of MTS 3</b> <b>TRAY (D)</b>		<b>Q.C.</b> <b>N° :</b>							
<b>Procedure used</b>	<b>Rev.</b>	<b>End of installation</b>		<b>OPERATIONS</b>		<b>MECATISS</b> <b>HN1</b> <b>VISA</b>		<b>MECATISS</b> <b>HN2</b> <b>VISA</b>		<b>MECATISS</b> <b>HN3</b> <b>VISA</b>		<b>CUSTOMER</b> <b>VISA</b>		<b>Batch Number</b>	<b>Observations FNC</b>
		<b>DATE</b>	<b>N°</b>	<b>I : Activity point</b> <b>S : Stopping point</b>											
<b>95mc 0811</b>	<b>B</b>	6.6.96	1	Inspection preliminary			S	+	S						
		6.6.96	2	Set the inner SILCO	300								E3395	Silco	
		6.7.96	3	Set the first layer of MPF A	300		S	+				590130/2	MPFA		
		6.7.96	4	Set the second layer of MPF A	300		S	+				590180/5	MPFA		
		6.7.96	5	Set the third layer of MPF A	300		S	+				590160/4	MPFB		
		6.8.96	6	Set the layer of MPB B	300		S	+							
		6.8.96	7	Set the outer SILCO	300							E3333	Silco		
		6.8.96	8	Apply mastic 75 glue on joint	300										
		6.10.96	9	Cheek Q.C. informed			S	+				200396121	FSH		
											590111/6	Facile			
											590111/4	Facile			
											590111/7	Facile			

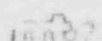
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ORIGINAL

<b>MECATISS</b> <b>ZI - BP 19</b> <b>38510 MORESTEL</b>		<b>CONTRACT</b> <b>U.L TEST</b>		<b>Quality control</b>		<b>Installation of MTS 1</b> <b>TRAY (F)</b>		<b>Q.C.</b> <b>N°:</b>			
<b>Procedure used</b>		<b>Rev.</b>	<b>End of installation</b> <b>DATE</b>	<b>N°</b>	<b>OPERATIONS</b> : Activity point S : Stopping point	<b>MECATISS</b> <b>HN1</b> <b>VISA</b>	<b>MECATISS</b> <b>HN2</b> <b>VISA</b>	<b>MECATISS</b> <b>HN3</b> <b>VISA</b>	<b>CUSTOMER</b> <b>VISA</b>	<b>Batch</b> <b>Number</b>	<b>Observations</b> <b>FNC</b>
95 MC 0010		B	6.6.96 6.6.96 6.12.96 6.12.96 6.12.96 6.12.96 6.12.96	1 2 3 4 5 6 7	Inspection preliminary Set the inner SILCO Set the first layer of MPF A Set the second layer of MPF A Set the outer SILCO Apply mastic 75 glue on joint Check Q.C. informed.	   		S  S  S  S	S       	E3933 590131/3  E3933   200336171 634030/10	9.12 17 PFH  Silco  7511 Failure

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ORIGINAL

 <b>MECATISS</b> Z.I - BP.19 38510 MORESTEL		CONTRACT <b>L.L. TEST</b>		<b>Quality control</b>		Installation of MPF 60 <b>TRAY (F)</b>		Q.C. N° :				
Procedure used	Rev.	End of installation		OPERATIONS						Batch Number	Observations FNC	
		DATE	N°	I : Activity point S : Stopping point		MECATISS HN1  VISA	MECATISS HN2  VISA	MECATISS HN3  VISA	CUSTOMER  VISA			
94MC0056	C	6.6.96	1	Inspection preliminary			S	J	S	R	E3993	Silco
		6.11.96	2	Set the inner SILCO on TSI	-3-							
		6.12.96	3	Set the layer of MPF A	-3-			S	T		69406E/2	MPF A
		6.12.96	4	Set the outer SILCO	-3-							
		6.12.96	5	Apply mastic 75 glue on joint	-3-						E3993	Silco
		6.12.96	6	Cheek Q.C. informed.				S	T			
<div style="text-align: right;">             2003901II 75H              694030/10 Factive           </div>												