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2-MW PLASMAJET FACILITY THERMAL TESTS OF CONCRETE

Kennith L. Goin

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2-MW PLASMAJET FACILITY THERMAL TESTS OF CONCRETE

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ABSTRACT

A test was made in the 2-Megawatt Plasmajet Facility to obtain experimental data relative to the thermal response of concrete to incident heat flux. 14.6 cm diameter by 8.0 cm long concrete cylinders were positioned in a supersonic flow of heated nitrogen from an arc heater. The end of the concrete cylinders impacted by the flow were subjected to heat fluxes in the range of 0.13 to 0.35 kW/cm^2. Measurements included cold wall surface heat flux and pressure distributions, surface and indepth temperatures, ablation rates, and surface emission spectrographs. The test was part of the Sandia light water reactor safety research program and complements similar tests made in the Radiant Heat Facility at heat fluxes from 0.03 to 0.12 kW/cm^2. A description of the tests and a tabulation of test data are included.

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Introduction

One question related to the safety of light water reactors is the response of a concrete containment sump to molten core materials during a hypothetical fuel melt accident. One primary aspect of the response is related to the heat flux from the molten core materials to an exposed surface of the concrete. Estimates of the magnitude of such heat flux have ranged over two orders of magnitude from ~ 0.003 to ~ 0.30 kW/cm^2.

As part of a light water reactor safety research program, tests were made of a number of concrete specimens in the 2 Megawatt Plasmajet Facility with stagnation point heat fluxes to an exposed surface of 0.13 to 0.35 kW/cm^2. The tests complemented tests made in the Radiant Heat Facility at heat fluxes from 0.03 to 0.12 kW/cm^2. The heat fluxes were achieved by the impact on the exposed concrete surface of a high temperature, high velocity flow of nitrogen. The test was requested by J. F. Muir of Organization 5412.

Facility

The 2-Megawatt Plasmajet Facility[1] uses a Linde N-1000 high pressure arc heater to heat a test gas to temperatures as high as several thousand degrees Kelvin. The heating is accomplished by a direct current arc between the inner surfaces of two tandem water cooled hollow cylinder electrodes (Fig. 1). The heater configuration used during the test was a modified version of the Linde N-1000 with a 55.9 cm long downstream electrode. The nozzle used was a nominal Mach 2.5 conical nozzle with a 1.59 cm throat diameter, a 2.54 cm exit diameter, and a 6.8° expansion half angle. The test specimen is positioned downstream of the nozzle exit where the heated test gas impacts its surface (Fig. 2).

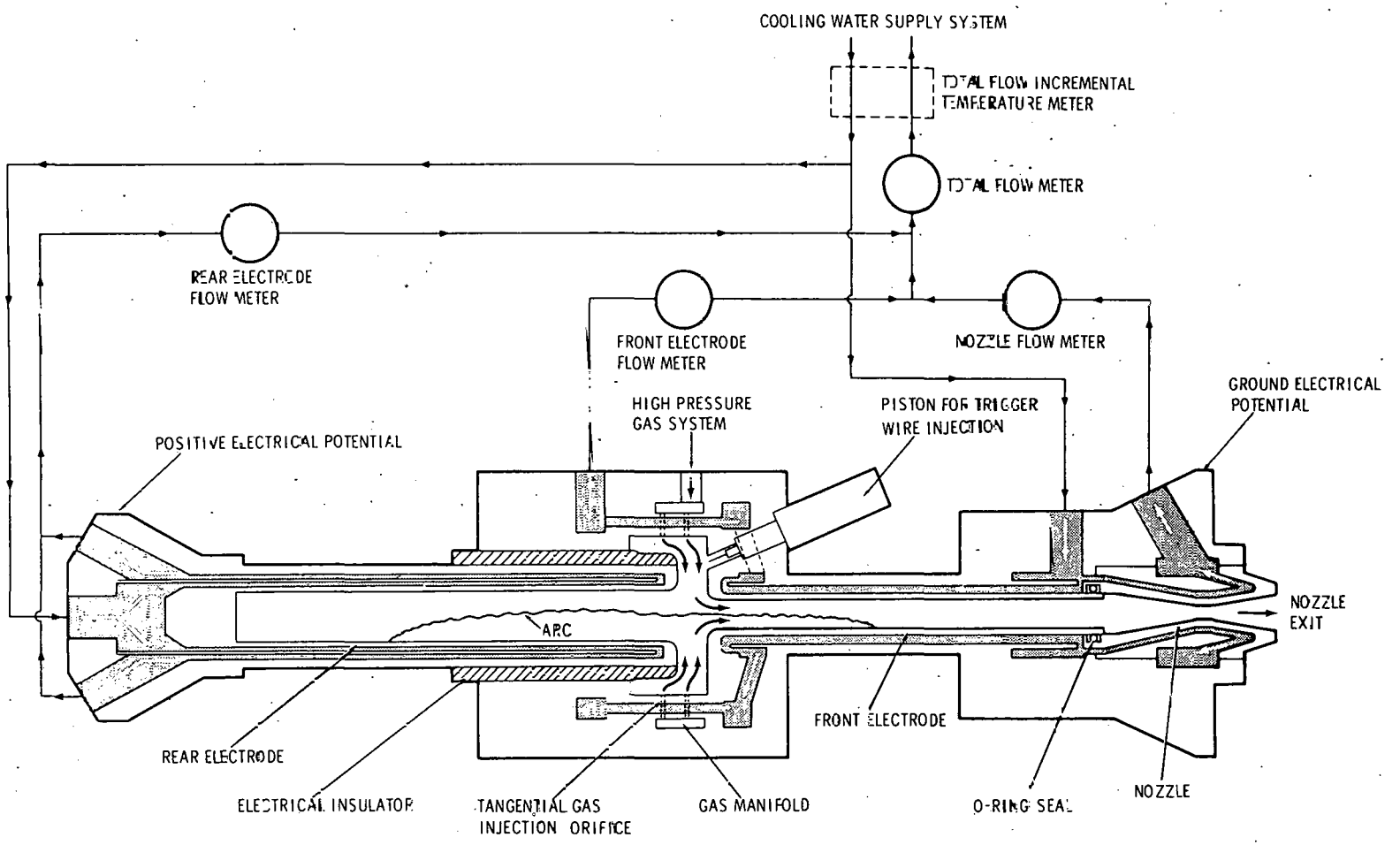


Figure 1. Sketch of the Linde N-1000 High-Pressure Arc Heater

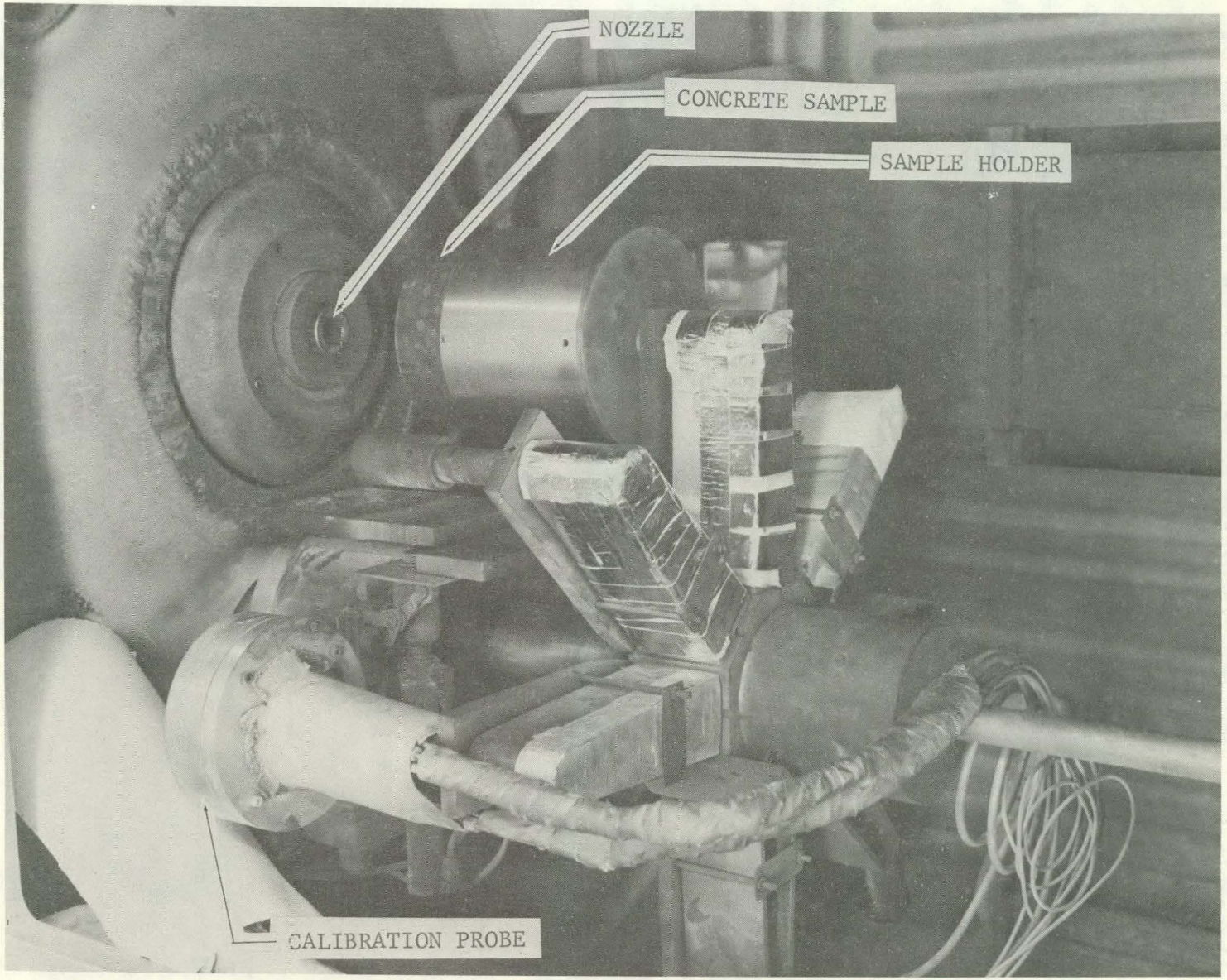


Figure 2. - Model positioned downstream of nozzle exit.

The test section in which the test specimens are mounted, and into which the nozzle flow exhausts, is vented to the wind tunnel vacuum system. The pressure in the test chamber was sufficiently low (0.1 - 0.5 N/cm^2) that the flow leaving the nozzle was, in all cases, underexpanded.

Test specimens are mounted on arms that are connected to a shaft driven by a precision indexing mechanism which rotates the shaft by 45° increments on command. Each 45° of rotation requires 0.21 seconds; the test specimen is exposed to the jet only a fraction of this time before it reaches its dwell position on the axis of the nozzle. The indexing mechanism is mounted on a dovetail slide which allows motion in the direction of the nozzle axis to allow positioning of the specimen at various distances from the nozzle exit.

Models

Figure 3 is a sketch of the basic model configuration. The concrete specimen is a 14.56 cm diameter by 8.00 cm long cylinder. The concrete is encased in a 15.24 cm OD steel tube which was used as a mold for pouring the concrete. The back side of several of the concrete specimens was altered to allow installation of acoustic transducers for the detection of surface ablation.

Some of the concrete specimens had 1.27 cm diameter rebar embedded along the cylinder axis. All of the test specimens had chromel-alumel thermocouples cast in place in the concrete. The locations of the thermocouples relative to the specimen axis and the heated surface are shown in Fig. 4. Two of the thermocouples were deleted on specimens with acoustic transducers and one of the thermocouples was deleted on specimens with rebar.

The concrete specimens included two different aggregate materials (limestone and basalt) and two aggregate sizes (0.95 cm maximum and 2.54 cm maximum). The concrete specifications were similar to those for the Turkey Point Reactor Units 3 and 4 built by the Florida Light and Power Company. The specimens were prepared by the Civil Engineering Research Facility of the

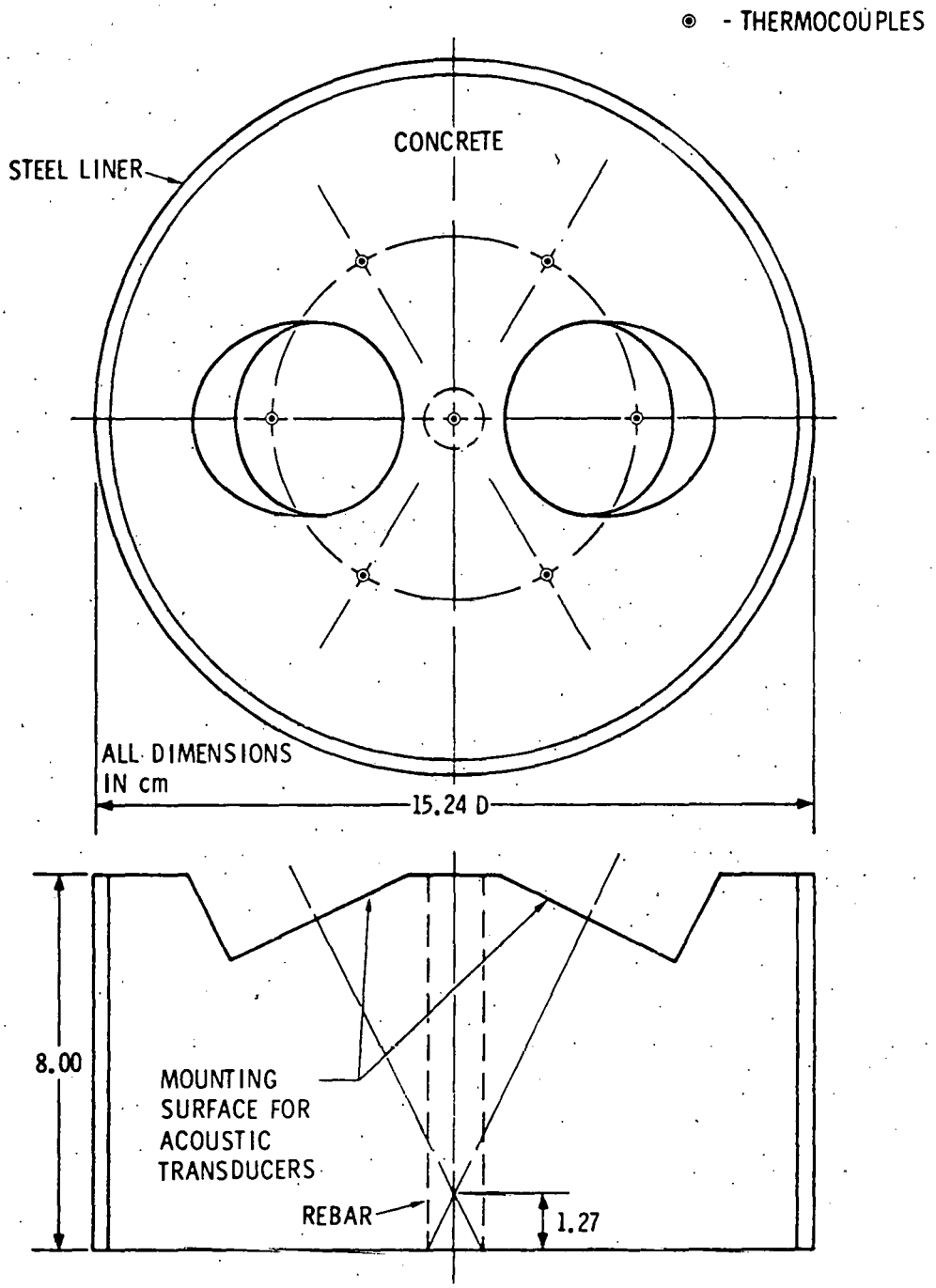


Figure 3. Sketch of basic model configuration.

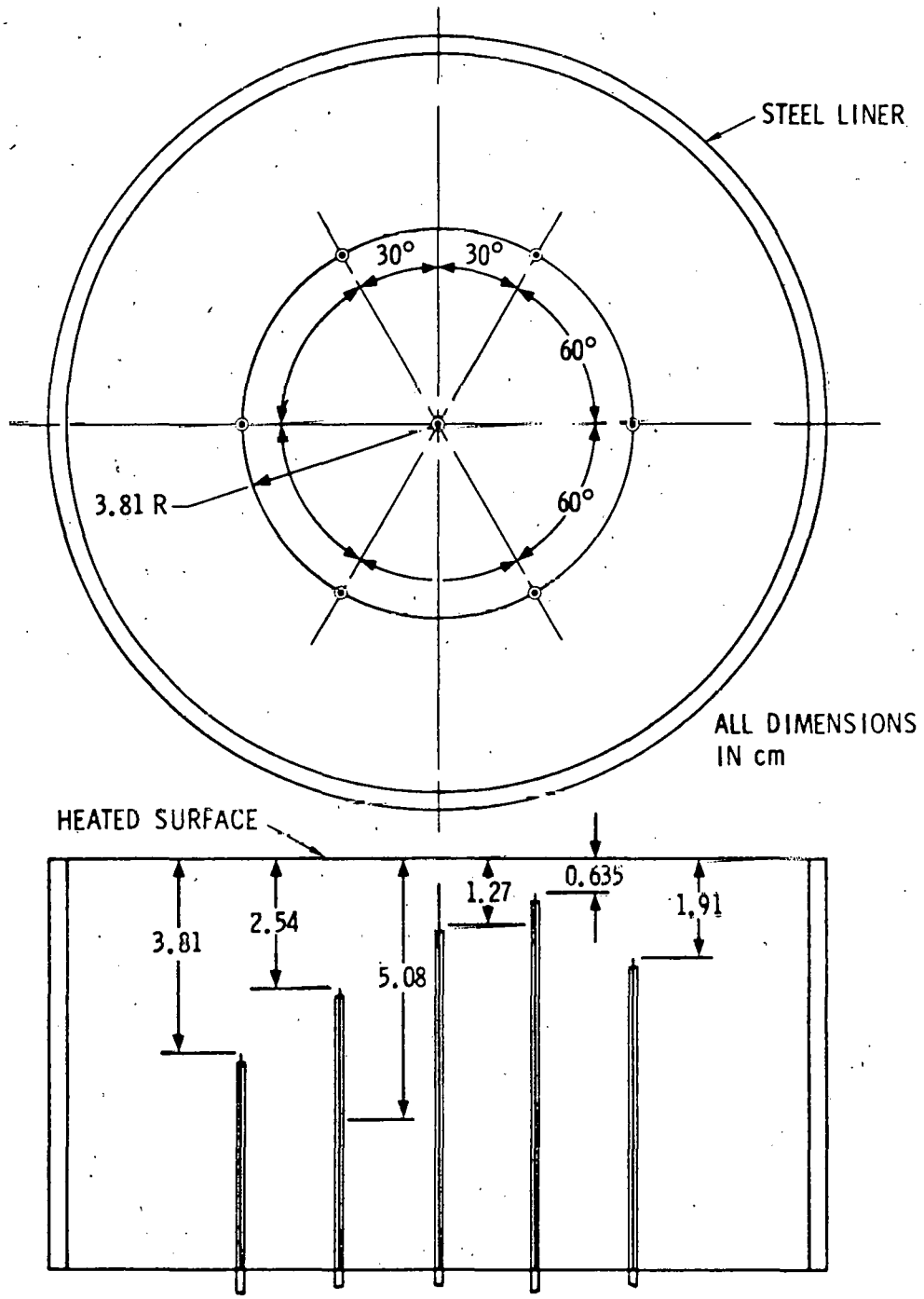


Figure 4. Thermocouple locations.

University of New Mexico and were allowed to cure for a minimum of 90 days.

Instrumentation

Calibration Probe. - A 15.24 cm diameter flat faced calibration probe (Fig. 5) was used for measurement of surface pressure and cold wall heat flux distributions. The probe was used in preliminary tests to establish desired facility operating conditions and was also used immediately before the rotation of each concrete test specimen into the flow. The pressures and heat fluxes measured with the probe are expected to be essentially the same as comparable values on the concrete when it is first inserted into the flow, since the probe presents the same geometry to the flow and is located at the same position in the flow. However, it is expected that significant changes in surface pressure and heat flux to the concrete occur as the concrete surface gets hot and ablates.

The probe was procured from Medtherm Corporation. It is made of copper with backside water cooling of the heated surface. Its geometry and the location of pressure ports and heat flux gages are shown in Fig. 5.

The heat flux gages are "Gardon" type gages. They include a thin constantan disc about 0.13 cm diameter welded to one end of a thick wall copper tube about 0.32 cm in outside diameter. One fine copper wire is welded to the center of the constantan disc and another is attached to the base of the thick wall copper tube. The assembly includes two copper constantan thermocouple junctions, one at the center of the disc and one at its circumference. With the two junctions connected in series, the output signal is proportional to the difference in temperature between the center and circumference of the disc. A thermal analysis of such an assembly indicates that with uniform heating over the surface of the disc, the output signal will be directly proportional to the heat flux. The Gardon gages were designed for a maximum heat flux of 0.57 kW/cm^2. Design temperature of the copper body of the probe was about 94°C. The temperatures at the centers of the constantan sensor discs are expected to

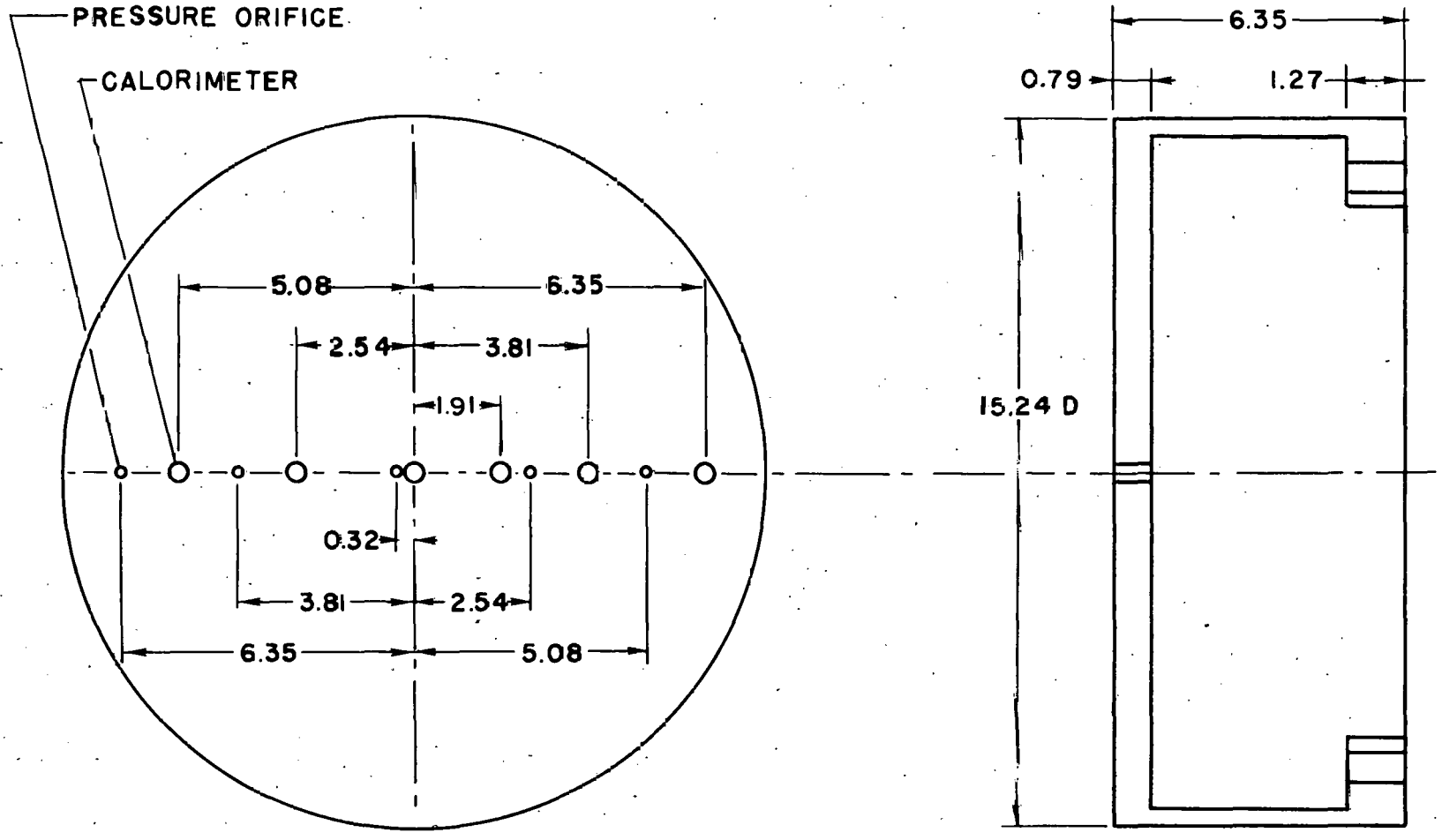


Figure 5. - Sketch of calibration probe.

be about 90-135°C above the body temperature at the maximum nominal test heat flux of 0.35 kW/cm^2.

The pressure ports in the probe consist of holes drilled through the exposed end of the probe with 0.15 cm inside diameter tubes brazed in the holes and finished flush with the heated surface. The tubes extending from the backside of the probe are connected to Statham unbonded strain gage type absolute pressure transducers located outside the test chamber. The pressure transducers can be vented either to a manifold with a reference pressure which is for practical purposes absolute zero, or to the pressure port of the probe. In use, the transducers were vented to the zero pressure in the reference manifold until shortly after the probe was rotated into the flow.

Optical Pyrometers. - A Thermodot Model TD-6BT optical pyrometer was used for surface temperature measurements of the ablating concrete. This pyrometer is sensitive to radiation in the wavelength interval 1.6 to 2.7 microns. It has a resolution angle of 0.3° and can be focused on the target. It has an adjustment for emissivity of the radiating surface.

The pyrometer, located outside the test chamber, was focused on the centerline of an unablated concrete specimen in the test position. The pyrometer line-of-sight was inclined about 12° from the surface of the concrete specimen. This angle was the maximum possible due to limitations in the facility and test setup. The pyrometer was located about 80 cm from the center of the concrete specimen. With the 0.3° resolution angle and a 12° incidence angle, the pyrometer would sense radiation from an elliptical area on the unablated concrete surface with a width of about 0.4 cm and a length of about 2.0 cm. As the concrete surface recedes due to ablation, the effective area of radiation changes in size and moves away from specimen centerline.

The line-of-sight of the pyrometer passed through a viewing window of 1-inch thick pyrex. Calibration tests indicated a 10% attenuation of the pyrometer output due to the presence of the window. No information was

available on the emissivity of the concrete so the pyrometer was adjusted for an emissivity of 1.0. Since the concrete emissivity is less than 1.0, this adjustment caused the indicated surface temperature to be low, adding to the effect of attenuation by the window. The trends of surface temperature variation with time indicated by the pyrometer are believed correct but the absolute temperature levels are subject to some uncertainty. The amount of temperature uncertainty is probably no greater than a few percent, however, since temperatures are proportional to the one-fourth power of radiation power. Consequently, window absorption of 10-percent or a surface emissivity discrepancy of 10-percent would correspond to temperature errors of about 2.5 percent.

Thermocouples. - Chromel-alumel thermocouples, constructed from 0.25 mm diameter wire protected by a 1.67 mm o.d. metal sheath, were positioned in the concrete container before the concrete specimens were poured. The thermocouple junctions protruded approximately 0.5 to 1.5 cm from the metal sheath, and the exposed thermocouple wires were shielded by a length of double bore mullite insulator tubing. The secondary thermocouple junctions formed at the amplifier were at constant temperature during the test. The reference thermocouple output was the signal into the amplifier with the concrete specimen at room temperature, 294 K (70°F).

Spectrograph. - A 1-meter Czerny-Turner spectrograph was used for line-of-sight emission spectroscopy to try to identify volatile decomposition products from the concrete. The line of sight was normal to the flow direction and 0.5 cm in front of the unablated test specimen. Time integrated spectrograms were made with both the water cooled probe and the concrete test specimen in the flow. This instrumentation was operated by A. J. Mulac, 5217, who analyzed the resulting spectrograms.[2]

Acoustic Ablation Transducers. - These transducers included a high frequency acoustic wave generator mounted on one of the beveled surfaces on the

backside of the concrete specimens and a detector mounted on the other. The wave generator sent high frequency acoustic waves into the concrete which were reflected from the ablating surface and picked up by the detector. The time between wave transmission and wave detection is related to the distance between the transducer and the ablating surface, and to the speed of sound in the concrete.[3] The acoustic transducers were provided by H. H. Sutherland, Organization 5167, and were operated by him during the test.

Data System. - All transducers used for collecting and recording data, with the exceptions of the spectrograph and the acoustic ablation sensor, provide millivolt level dc signals. These signals are processed by various types of commercially available signal conditioning units and are then digitized and recorded by the wind tunnel data acquisition and control system (DACS).[4] The DACS is also used for data reduction.

Test Procedure

For each test, the calibration probe was installed on a model support located 45° from the test position on the nozzle axis. The concrete specimen was mounted on a model support an additional 90° from the jet axis and as far from the jet as possible to minimize heating of the concrete before it was rotated into the flow.

With these positions of the probe and specimen, the arc heater was started and operating conditions were allowed to stabilize. The probe was rotated into the test position and inputs to the pressure transducers were switched from the vacuum reference manifold to the pressure orifice of the probe. The probe was allowed to dwell for several seconds to allow stabilization of pressures in the pressure measuring systems. The model support mechanism was then rotated an additional 90° to properly position the concrete test specimen in the flow. The concrete test specimen was allowed to dwell in the flow for the desired time interval (between about 1 and 3½ minutes), and the heater was then turned off. Digital data were recorded continuously at

precise time intervals of 1, 2, or 5 seconds until completion of the test.

Most previous tests in the facility had required heat fluxes between 1 and 2 orders of magnitude higher than requirements for this test. At these higher heat fluxes, power requirements had dictated models of about 1 cm diameter. It was consequently necessary to determine how to operate the facility to provide a much lower heat flux over a much larger area. In several tests for this purpose, the calibration probe was used with no concrete specimen installed. Data were obtained with the probe located at various distances from the nozzle exit and with different heater operating conditions. Figures 6 to 8 include representative data from these tests along with calibration probe results obtained during some model tests. It is noted that the faired curves of these figures assume distributions symmetrical about the probe axis.

Figure 6 illustrates the effect of distance from the nozzle exit on the heat flux and pressure distributions on the probe. These results indicate that the most desirable heat flux distribution was obtained with the probe located 7.6 cm downstream from the nozzle exit. The pressure distribution is not as flat as desired, but this is considered of secondary importance.

Figure 7 illustrates the effect of varying heater operating parameters (primarily arc current) on the heat flux and pressure distributions with the probe located 7.6 cm downstream from the nozzle exit. The heat flux distributions at different operating currents have similar shapes but variations over the center 6 cm diameter of the probe increase significantly with increases in current. The shape of the pressure distribution is not greatly affected by heater operating conditions but pressure levels near the center of the probe generally increase with increases in gas flow rate and operating current.

All concrete specimens were tested with the exposed surface 7.6 cm downstream of the nozzle exit. At this position, probe centerline pressures were about 1/4 atmosphere (2 N/cm^2) for all operating conditions shown in Figs. 6 and 7. One test was desired with pressures on the concrete specimen

	RUN	DIST FROM NOZZLE CM	FLOW RATE G/S	ARC CHAMBER PRESS N/CM^2	ENTHALPY CAL/G	CURRENT AMP
○	17	15.4	29	35		203
△	20	10.2	30	35	955	197
□	21	7.6	29	35	950	197
◇	22	7.0		34		196

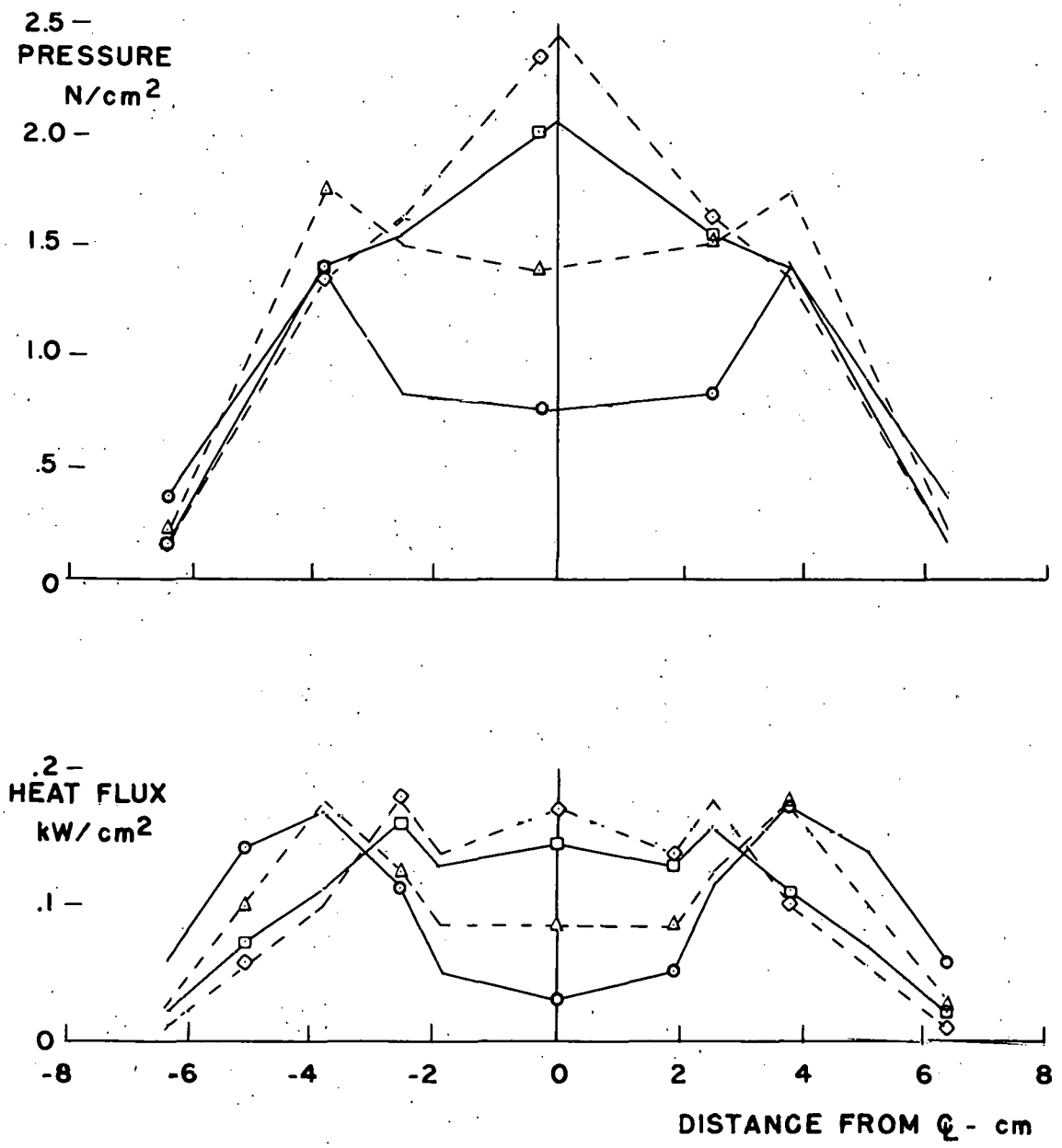


Figure 6. - Effect of distance from nozzle exit on heat flux and pressure distribution on calibration probe.

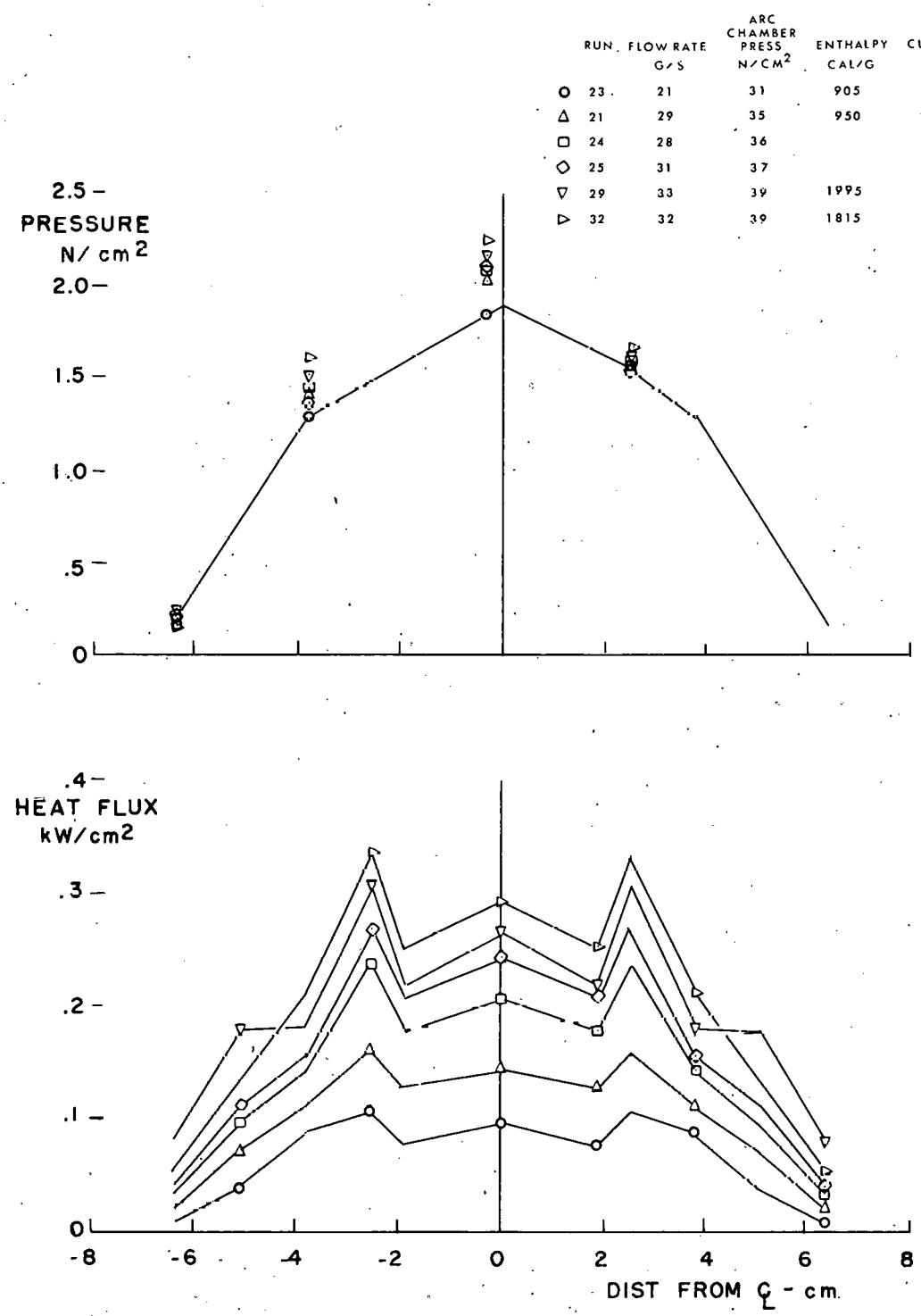


Figure 7. - Effect of operating current on heat flux and pressure distribution on calibration probe located 7.62 cm from nozzle exit.

near 0.83 atmosphere for comparison to tests in the Radiant Heat Facility. Figure 8 shows the heat flux and pressure distributions for one test with the centerline pressure near 0.7 atmosphere (7 N/cm^2).

Results and Discussion

Table I is a summary of the test conditions, and a complete listing of the test data is included in the appendix. It is noted in Table I that arc current variations during some of the low heat flux runs were relatively large. These low heat flux conditions required low arc currents where the arc heater operation is only marginally stable. It is also noted in Table I that calorimeter 1 failed on run 32 and calorimeter 6 failed on run 42. No spares were available to replace these calorimeters after they failed.

Several different thermocouple arrays were used during the test. Table II shows the correlation between thermocouple location and thermocouple number in the listed data. It is noted in the listed data that thermocouple temperatures printed are frequently 0.0 or 9999.9. These values correspond to thermocouple signals too low or too high, respectively, for interpolation in the temperature vs. millivolt tables included in the programs (temperatures less than 289 or greater than 1588 K). Temperatures outside this range are probably either inaccurate or meaningless. Similarly, values of 0.0 are sometimes printed for pyrometer temperatures. In these cases, signals from the pyrometer indicated temperatures below 1033 K, where the pyrometer is extremely unreliable.

Figure 9 includes representative plots of in-depth temperature versus time for a few of the tests, along with surface temperatures from the pyrometer. In general, the thermocouple temperature data are quite poor. Some of the indicated temperature variations are not believable. The thermocouple on the model centerline was most frequently the one which gave the most erratic results. It is believed that the erratic results can be attributed to a combination of ionized gas around the model and the electrically floating

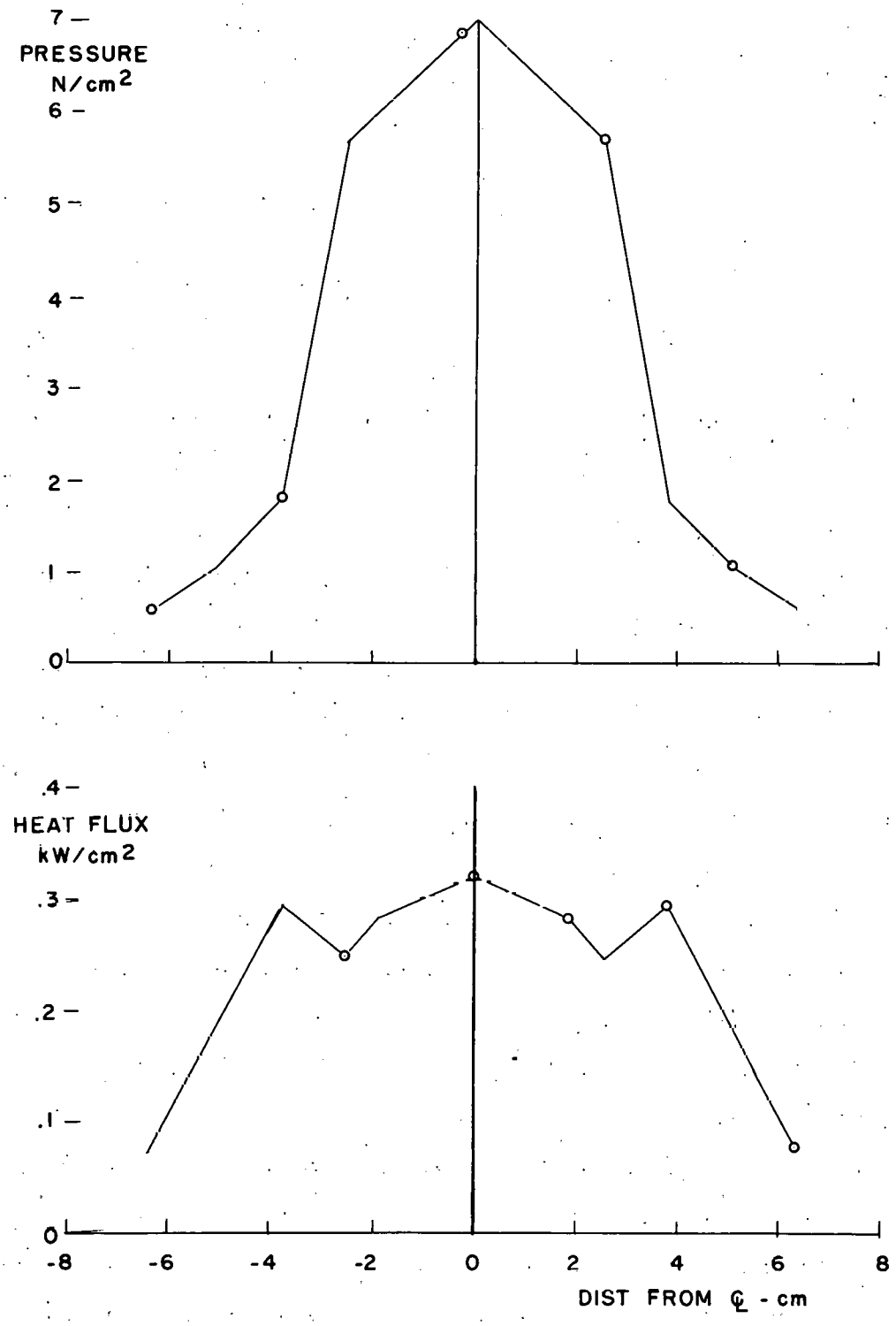


Figure 8. - Heat flux and pressure distribution on calibration probe during higher pressure test (Run 53, gas flow 120 g/s, arc chamber pressure 138 N/cm^2, gas enthalpy 1100 cal/g, arc current 400 amps).

TABLE I - Summary of Test Conditions

Run Number	Model Number	Nominal Test Time min	Note	Concrete Aggregate Material	Concrete Aggregate Size	Heater Operating Conditions Gas Flow Rate, g/s	Heater Operating Conditions Arc Currents Amps	Test Gas Bulk Enthalpy cal/g	Test Gas Total Pressure N/cm^2	Probe Centerline Pressure N/cm^2	Probe Centerline Heat Flux kW/cm^2	Remarks
26	1	3.5	a	Limestone	Coarse	31	147	1085	36.3	1.9	.13	
28	3	3.5	e	Limestone	Coarse	31	154	1140	34.9	2.1	.13	Large arc current variations
29	14	2.5	e	Limestone	Fine	31	501	2155	40.0	2.2	.27	
30	33	3.5	b	Basalt	Fine	35	166	1025	36.2	2.1	.13	Large arc current variations
31	18	3.5	b	Limestone	Fine	32	157	965	34.8	2.1	.13	
32	35	2.5	b	Basalt	Fine	31	575	1805	40.1	2.2	.29	Failure of Calorimeter 1
34	28	3.5	b	Basalt	Coarse	30	156	1120	34.9	2.0	.13	
35	24	3.5	c	Limestone	Fine	30	158	1110	33.2	1.9	.14	
36	10	3.5	b	Limestone	Coarse	32	161	1065	32.5	1.9	.13	Large arc current variations
37	19	1.75	b	Limestone	Fine	28	577	1860	36.5	2.1	.29	
38	34	3.5	b	Basalt	Fine	29	157	1070	32.5	1.9	.14	
39	27	1.75	b	Basalt	Coarse	29	582	1740	37.3	-	.30	
41	11	1.75	b	Limestone	Coarse	29	574	1595	34.8	2.1	.30	
42	20	2.0	b	Limestone	Fine	26	146	1175	28.7	1.9	.14	Large arc current variations; arc blew out
43	13	1.75	c	Limestone	Coarse	26	586	1725	35.4	2.1	.30	
44	23	1.75	c	Limestone	Fine	29	583	2170	37.3	2.2	.34	Failure of Calorimeter 6
45	36	1.75	c	Basalt	Fine	26	560	2155	34.4	2.1	.35	No pyrometer data
53	29	1.0		Basalt	Fine	120	399	1105	138.7	6.9	.32	No pyrometer data
54	30	1.75	d	Basalt	Fine	31	573	2080	39.3	2.3	.31	No pyrometer data

NOTES

a - no in-depth thermocouples in test specimen. TC-1 - backside of concrete; TC-2 - west acoustic transducer mounting lug; TC-3 - tip end of adjacent model support strut on west side of model; TC-4 - tip end of adjacent model support strut on east side of model; TC-5 - east acoustic transducer mounting lug.

b - acoustic ablation transducer installed.

c - rebar in concrete.

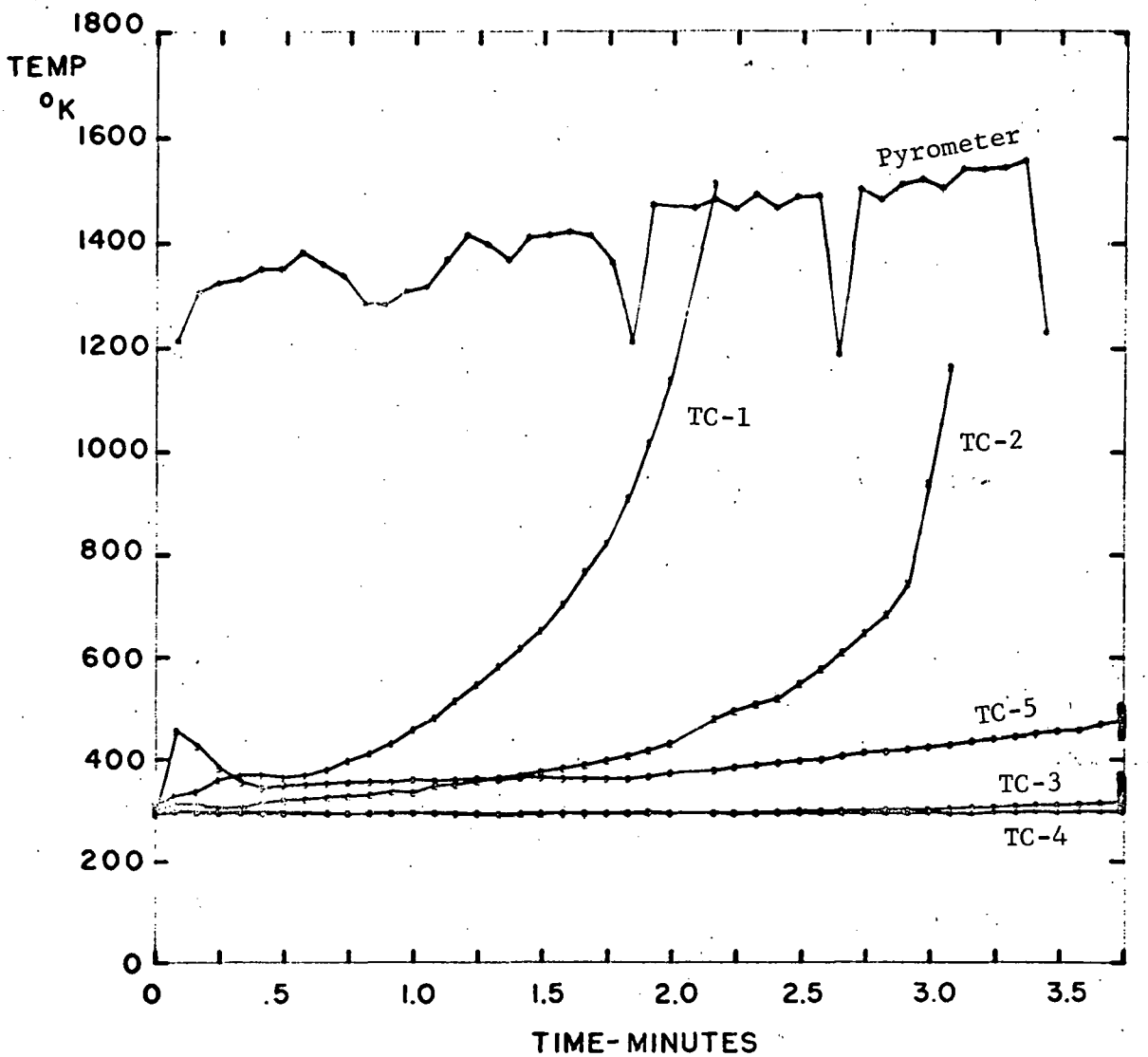
d - test gas is air.

e - one thermocouple on acoustic transducer mounting lug.

TABLE II - Correspondence Between Thermocouple Location and Thermocouple Number in the Data Listings

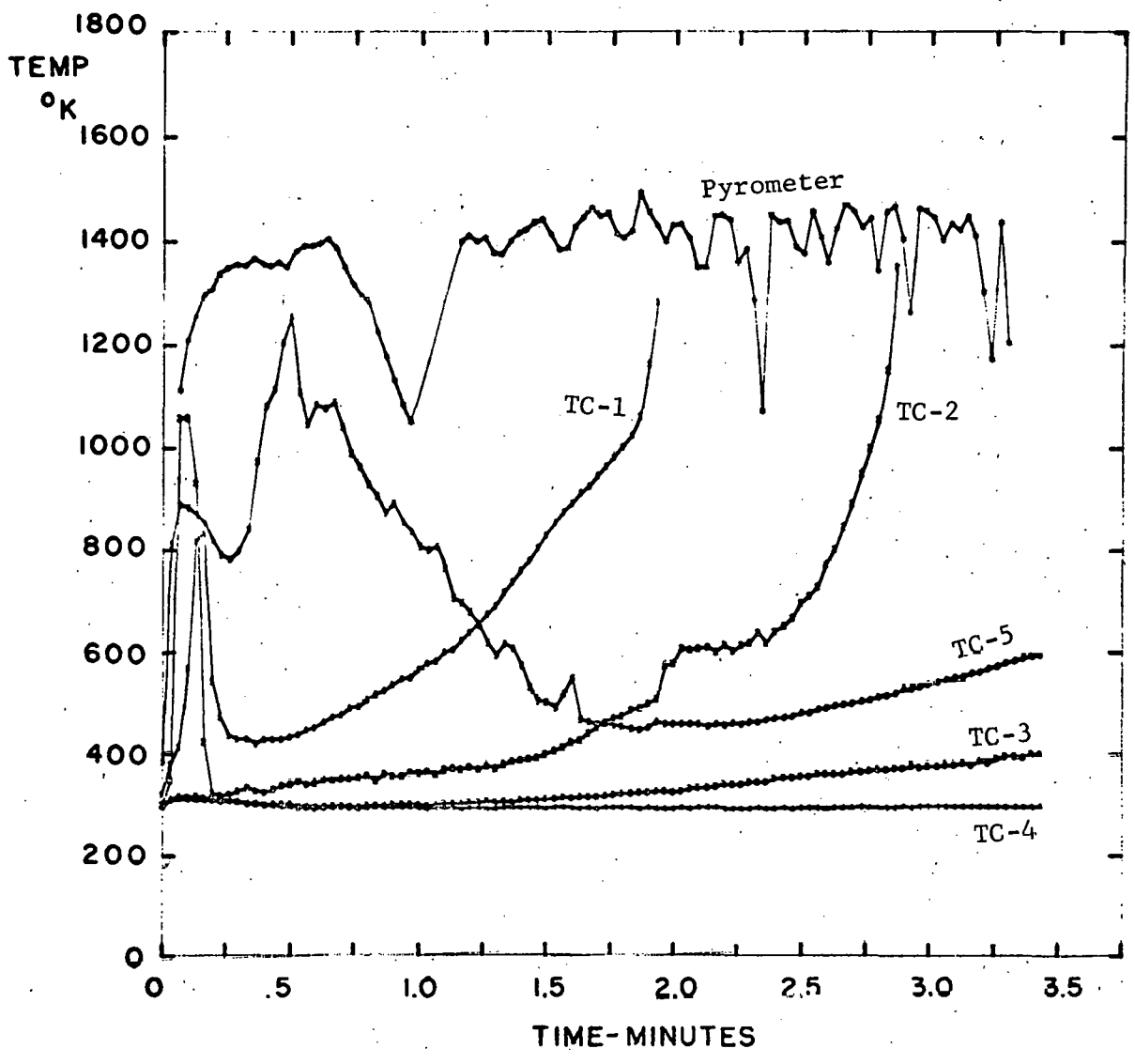
Run No.	Thermocouple number at depth (cm) in concrete of: .635	1.27	2.54	5.08	1.27*	1.91	3.81	Remarks
26								See Table I
28,29	1	2	3	-	5	6	7	TC-4 on acoustic mounting lug
30-34	1	2	3	4	5	-	-	
35	1	2	3	4	-	5	6	
36-42	1	2	3	4	5	-	-	
43-45	1	2	3	4	-	5	6	
53,54	1	2	3	4	5	6	7	

*This thermocouple located on centerline of concrete model. All other thermocouples located on 3.81 cm radius from centerline.



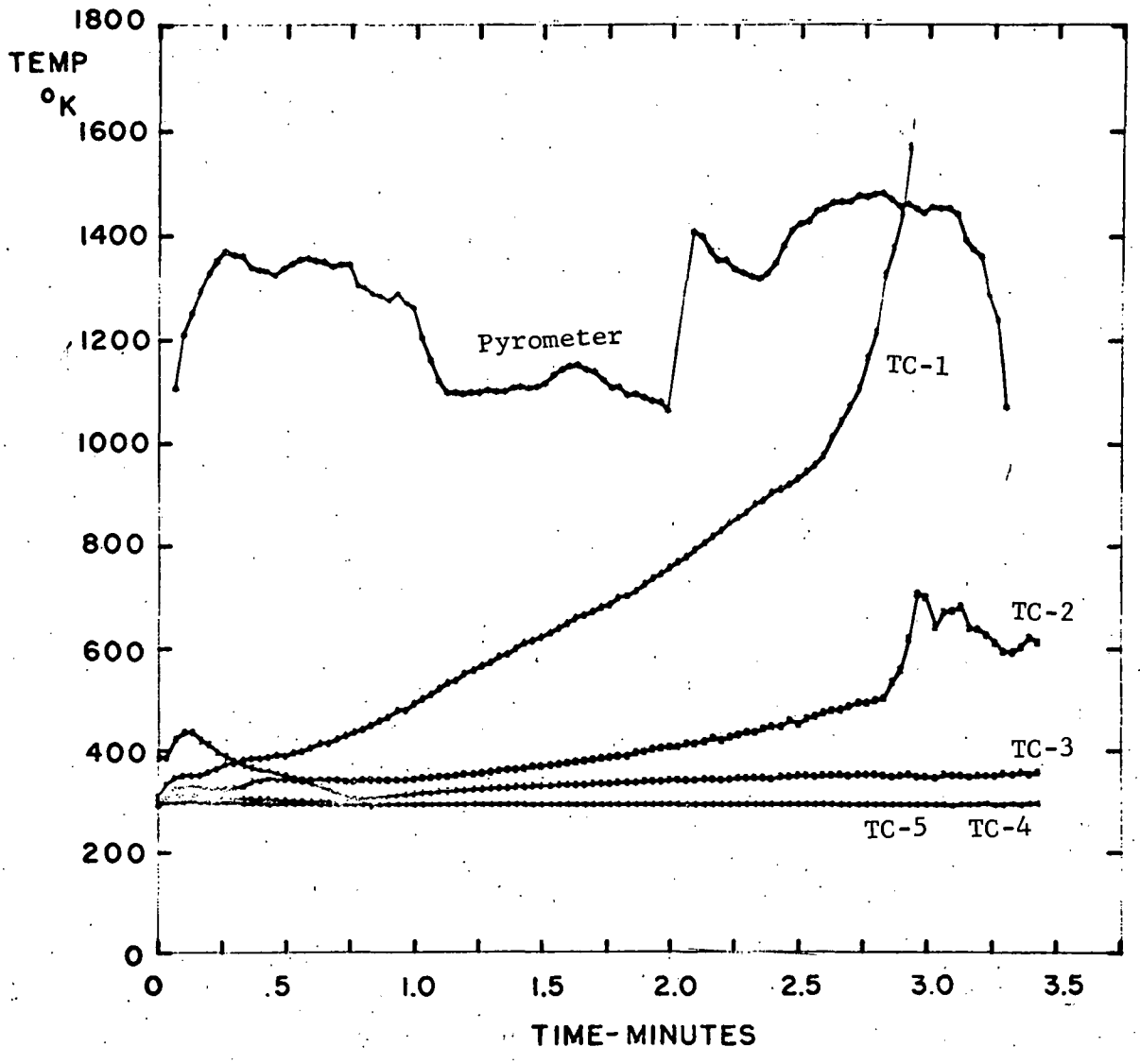
a. Run 31, Model 18, Limestone aggregate (fine), heat flux 0.13 kW/cm^2

Figure 9. Indepth and surface temperature variations with time.



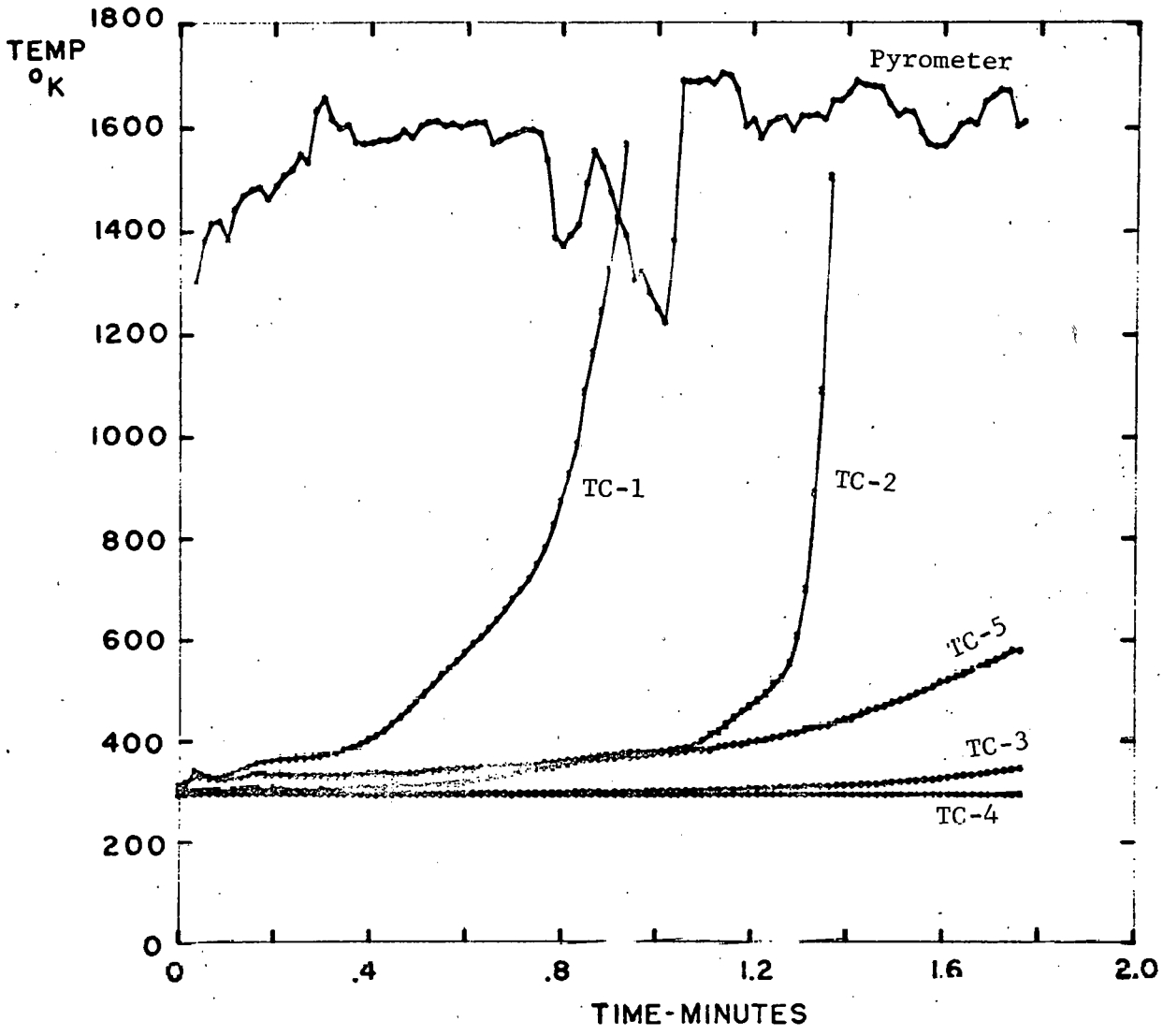
b. Run 38, Model 34, Basalt aggregate (fine), heat flux 0.14 kW/cm^2.

Figure 9. continued



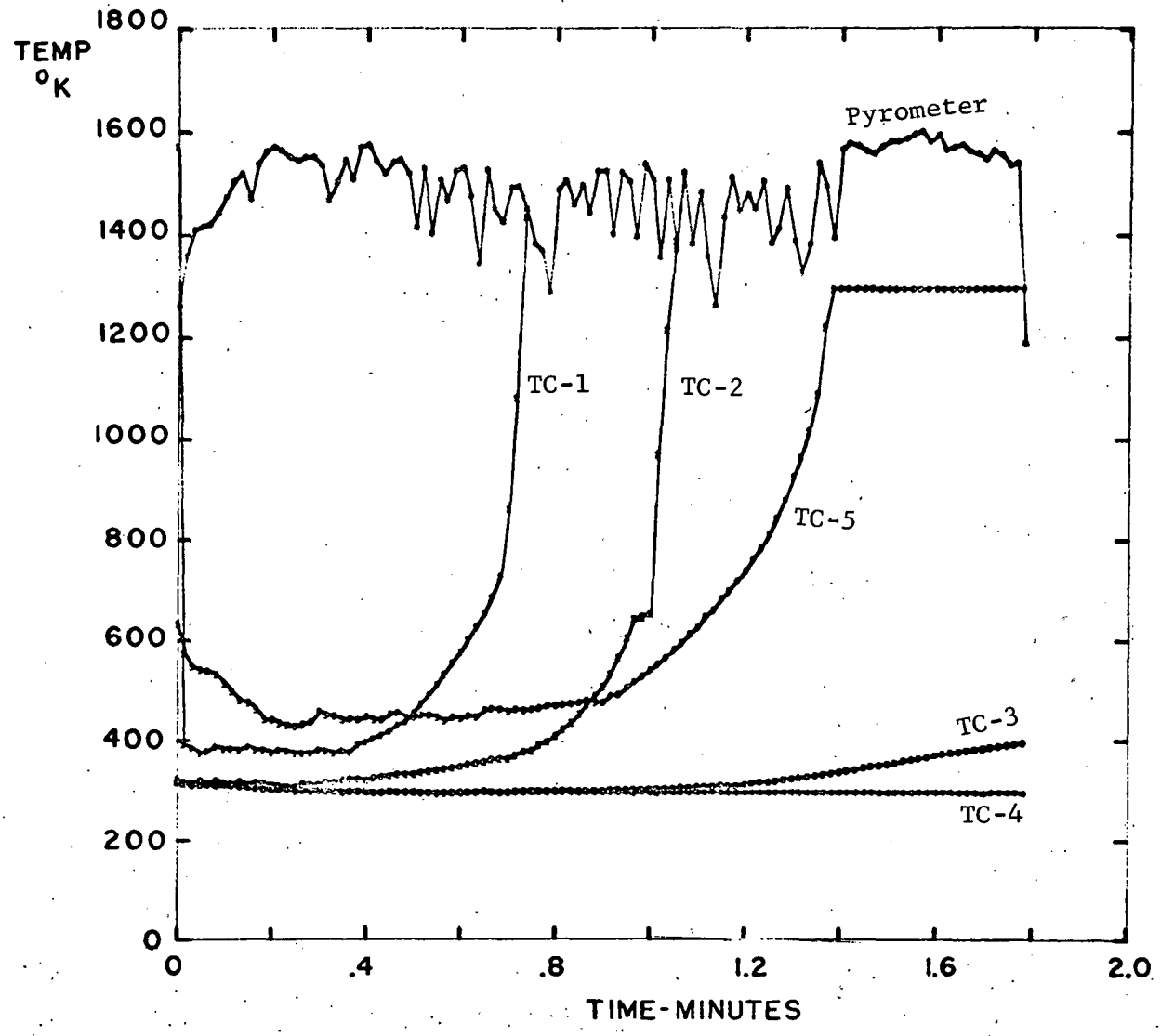
c. Run 36, Model 10, Limestone aggregate (coarse), heat flux 0.13 kW/cm^2.

Figure 9. continued



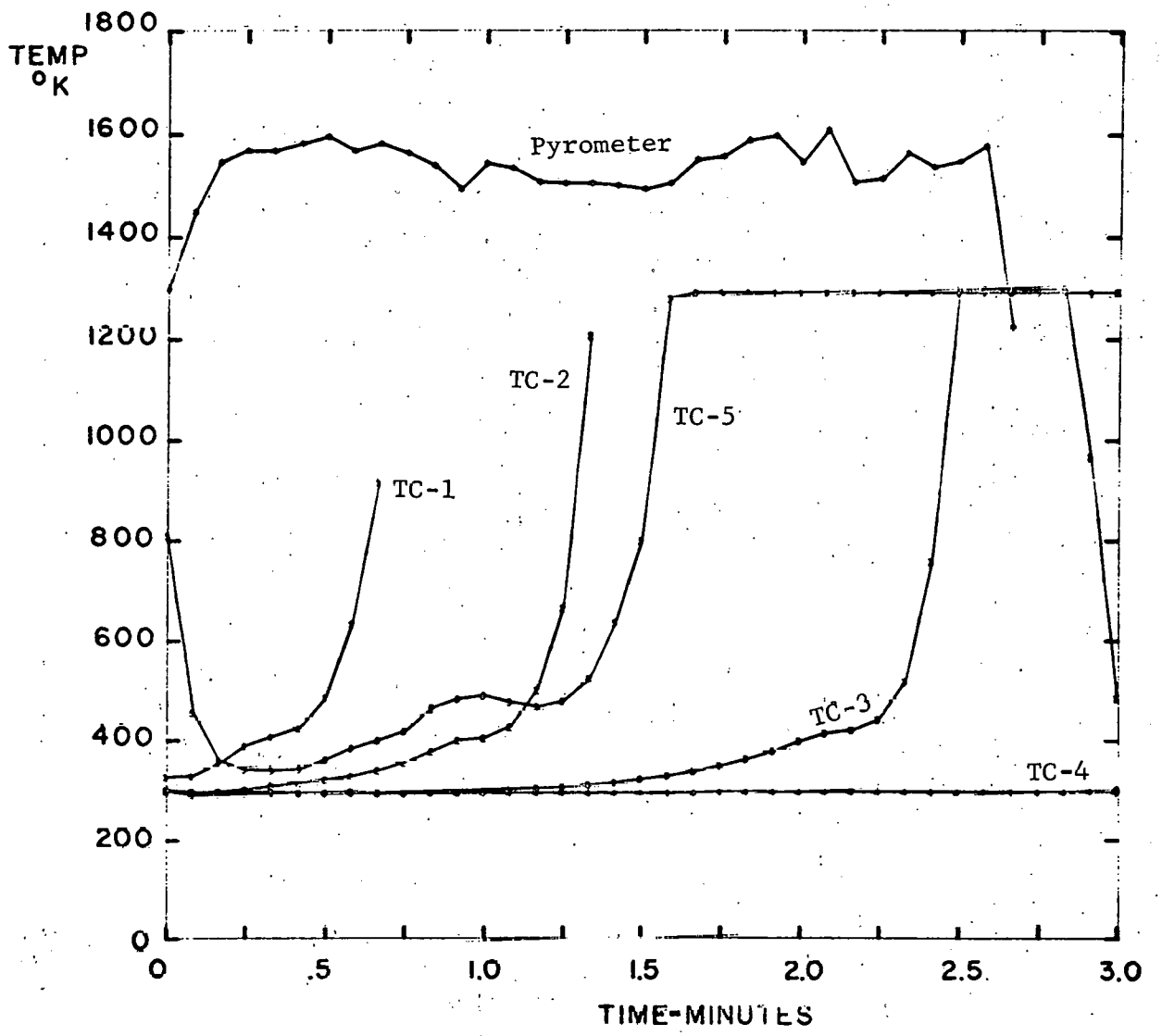
d. Run 41, Model 11, Limestone aggregate (coarse), heat flux 0.30 kW/cm^2.

Figure 9. continued



e. Run 39, Model 27, Basalt aggregate (coarse), heat flux 0.30 kW/cm^2.

Figure 9. continued



f. Run 32, Model 35, Basalt aggregate (fine), heat flux 0.29 kW/cm^2.

Figure 9. concluded

thermocouples in the concrete. Previous tests with grounded thermocouples in a similar environment did not yield such erratic results.

The pyrometer temperatures shown in Figure 9 indicate fairly sharp variations of surface temperature with time. It is believed that, generally, these sharp variations are real and result from chunks of aggregate material being blown away from the surface, leaving cooler surfaces exposed. Some of the temperature variations with time may be attributed to erosion of the concrete surface with the result that the pyrometer target area moved away from the model centerline. In some cases, it is possible that molten concrete from the center area of the model which flowed toward the outside of the model and cooled, may have built up enough in thickness to interfere with the pyrometer line of sight.

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Appendix A

Tabulation of Test Results

MODEL I

2-MW PJ FACILITY CONCRETE SAMPLE TEST NO 188 - RUN NO. 26

	FAC. OPERATING PARAMETERS		PROBE		MODEL
			PRESS	HEAT FLUX	
		2	2	2	
		PRES-N/CM	N/CM	KW/CM	DEG K
POINT NO	GAS FLO-G/S	HEATER MAN	1	1	TC-1
	ENTHALPY-CAL/G	ARC CHAMB	2	2	TC-2
	CURRENT-AMPS	VENTURI	3	3	TC-3
	VOLTS	VENTURI DP	4	4	TC-4
	WATER FLO-L/S		5	5	TC-5
TIME SEC	WATER DT-DEG K			6	TC-6
					TC-7
					PYROM
1	29.00	402.6	0.000	0.073	297.3
	1575.9	32.2	0.000	0.141	293.0
	173.7	1208.4	0.000	0.117	301.6
	1550.9	0.125	0.000	0.107	297.2
	8.08		0.000	0.080	295.6
0.116	2.31			0.010	
					0.0
2	28.86	398.8	-0.007	0.069	298.1
	1172.8	35.3	-0.007	0.145	292.8
	146.9	1205.4	-0.002	0.128	299.0
	1546.1	0.124	0.008	0.108	296.5
	8.15		-0.004	0.093	295.5
0.116	2.51			0.018	
					0.0
3	29.66	406.8	0.003	0.096	299.3
	1265.1	34.8	0.012	0.147	292.6
	162.3	1212.6	0.014	0.132	302.3
	1549.9	0.130	-0.000	0.116	300.3
	8.15		-0.004	0.096	293.7
5.119	2.78			0.021	
					0.0
4	29.12	406.5	0.122	0.083	298.7
	1126.7	35.3	1.323	0.152	292.8
	149.4	1213.8	1.918	0.134	306.6
	1546.4	0.125	1.405	0.118	301.5
	8.13		0.206	0.105	293.6
10.119	2.76			0.021	
					0.0
					26
5	31.59	407.0	0.162	0.077	299.3
	1018.2	35.4	1.333	0.153	294.3
	148.5	1208.4	1.922	0.133	305.1
	1545.1	0.148	1.409	0.113	301.0
	8.21		0.248	0.095	293.9
15.119	2.76			0.021	
					0.0
6	29.22	409.9	0.173	0.070	299.3
	1197.1	35.4	1.329	0.147	292.4
	154.8	1205.7	1.931	0.132	308.6
	1546.4	0.127	1.412	0.122	301.9
	8.17		0.255	0.095	294.4
20.119	2.72			0.020	
					0.0
7	31.83	410.5	0.174	0.073	299.4
	1025.2	35.4	1.310	0.149	294.1
	146.9	1205.0	1.934	0.141	306.2
	1554.6	0.151	1.416	0.115	302.1
	8.04		0.262	0.095	295.0
25.119	2.73			0.020	
					0.0
8	31.52	411.2	0.266	0.026	299.4
	1024.9	35.5	0.357	0.021	294.7
	147.2	1202.6	0.384	0.012	303.1
	1558.1	0.148	0.355	0.016	301.3
	8.20		0.210	0.019	297.8
30.119	2.75			0.005	
					1091.6
9	31.56	411.4	0.265	0.017	299.4
	1035.7	35.5	0.266	0.017	295.0
	147.5	1205.5	0.286	0.010	305.3
	1556.6	0.148	0.282	0.010	302.3
	8.11		0.203	0.012	298.4
35.119	2.74			0.004	
					1249.5
10	31.51	411.4	0.267	0.016	299.5
	1032.8	35.6	0.250	0.015	295.2
	148.2	1205.9	0.274	0.008	306.1
	1553.4	0.148	0.273	0.009	302.5
	8.18		0.203	0.012	298.6
40.119	2.75			0.003	
					1322.7
					26
11	31.60	411.6	0.268	0.017	299.4
	1022.7	35.6	0.250	0.013	295.4
	147.2	1205.4	0.272	0.007	309.0
	1561.4	0.149	0.270	0.008	303.9
	8.22		0.204	0.013	299.0
45.119	2.75			0.003	
					1362.3
12	31.56	412.0	0.270	0.016	299.5
	1025.0	35.6	0.249	0.013	295.6
	146.9	1202.1	0.271	0.006	307.2
	1567.9	0.149	0.269	0.011	303.7
	8.21		0.207	0.012	299.4
50.119	2.77			0.003	
					1383.3
13	31.71	412.6	0.268	0.014	299.5
	1016.8	35.7	0.250	0.022	295.8
	147.5	1203.2	0.271	0.005	307.1
	1562.6	0.150	0.269	0.009	303.8
	8.23		0.206	0.037	299.7
55.119	2.78			0.003	
					1393.5
14	31.55	412.8	0.271	0.014	299.4
	1035.9	35.7	0.249	0.014	296.1
	147.5	1205.2	0.270	0.008	309.9
	1563.6	0.148	0.271	0.011	304.8
	8.07		0.204	0.014	300.4
60.119	2.78			0.003	
					1396.1
15	31.59	413.6	0.271	0.014	299.4
	1024.0	35.7	0.251	0.012	296.5
	146.9	1204.7	0.272	0.005	307.4
	1566.9	0.149	0.274	0.011	304.0
	8.16		0.200	0.012	300.3
65.119	2.78			0.003	
					1399.5
16	31.62	413.7	0.276	0.021	299.4
	1023.8	35.7	0.252	0.013	296.7
	146.6	1206.7	0.271	0.009	308.9
	1569.4	0.149	0.279	0.007	305.0
	8.11		0.197	0.014	300.0
70.119	2.79			0.003	
					1398.6
					26
17	31.80	414.3	0.279	0.014	299.5
	1020.9	35.8	0.254	0.012	297.1
	147.2	1206.4	0.276	0.006	311.3
	1569.9	0.151	0.281	0.009	306.0
	8.13		0.196	0.011	299.9
75.119	2.80			0.003	
					1396.3
18	31.65	414.2	0.281	0.015	299.5
	1024.1	35.8	0.257	0.016	297.4
	148.2	1209.3	0.277	0.006	311.9
	1562.6	0.149	0.283	0.008	306.2
	8.20		0.196	0.011	300.5
80.119	2.80			0.003	
					1398.3
19	31.68	414.3	0.285	0.014	299.5
	1015.6	35.9	0.258	0.012	297.8
	146.6	1207.7	0.277	0.008	312.1
	1570.9	0.149	0.282	0.010	307.0
	8.14		0.197	0.011	300.6
85.119	2.80			0.003	
					1383.1
20	31.81	414.9	0.283	0.015	299.7
	1027.5	35.9	0.258	0.012	298.2
	149.1	1207.2	0.278	0.007	310.2
	1559.4	0.153	0.275	0.009	306.1
	8.17		0.199	0.011	301.1
90.119	2.80			0.003	
					1379.4
21	31.63	415.0	0.281	0.029	299.9
	1029.1	35.9	0.260	0.012	298.6
	148.8	1207.4	0.277	0.006	312.2
	1562.4	0.149	0.272	0.012	307.0
	8.12		0.200	0.011	301.9
95.119	2.80			0.004	
					1382.4
22	31.60	415.2	0.282	0.014	300.0
	1036.5	36.0	0.261	0.011	299.0
	147.8	1209.1	0.279	0.008	316.4
	1570.9	0.148	0.273	0.015	308.6
	8.16		0.201	0.012	302.7
100.119	2.79			0.003	
					1386.4

PROBE OUT

MODEL IN

					26
23	31.71	415.7	0.285	0.016	300.0
	1041.9	36.0	0.260	0.014	299.3
	148.2	1206.2	0.278	0.006	313.6
	1570.6	0.150	0.276	0.009	308.3
	8.12		0.200	0.013	303.1
105.119	2.78			0.004	
					1397.0
24	31.68	416.1	0.283	0.016	300.1
	1029.7	36.1	0.263	0.012	299.7
	147.5	1207.9	0.280	0.007	316.3
	1573.1	0.149	0.275	0.009	309.2
	8.18		0.203	0.010	303.7
110.119	2.80			0.003	
					1394.6
25	31.71	416.7	0.279	0.015	300.2
	1030.7	36.2	0.264	0.013	300.2
	148.2	1206.5	0.281	0.017	314.9
	1569.6	0.150	0.273	0.012	309.1
	8.16		0.203	0.014	304.7
115.119	2.81			0.003	
					1397.0
26	31.56	417.1	0.273	0.019	300.3
	1038.7	36.2	0.262	0.011	300.7
	148.2	1205.9	0.280	0.006	319.1
	1568.6	0.148	0.270	0.008	310.5
	8.15		0.204	0.013	305.4
120.119	2.80			0.004	
					1410.1
27	31.66	417.2	0.289	0.014	300.3
	1025.6	36.3	0.263	0.012	301.1
	147.5	1209.9	0.278	0.007	321.4
	1570.6	0.148	0.271	0.008	311.3
	8.20		0.204	0.011	306.3
125.119	2.81			0.004	
					1406.1
28	31.51	417.4	0.270	0.019	300.3
	1025.1	36.3	0.261	0.011	301.5
	147.8	1205.9	0.280	0.007	324.3
	1566.6	0.148	0.273	0.008	311.8
	8.20		0.206	0.011	307.3
130.119	2.81			0.003	
					1419.7
29	31.41	417.8	0.271	0.013	300.3
	1030.0	36.4	0.262	0.010	301.9
	147.5	1205.5	0.281	0.006	324.0
	1573.1	0.147	0.274	0.007	312.3
	8.23		0.207	0.024	308.1
135.119	2.81			0.003	
					1436.9
30	31.75	418.0	0.272	0.014	300.4
	1028.4	36.4	0.262	0.014	307.5
	148.6	1205.9	0.282	0.007	324.9
	1574.6	0.150	0.276	0.010	312.9
	8.07		0.207	0.011	308.8
140.119	2.79			0.003	
					1412.2
31	31.48	418.5	0.272	0.018	300.4
	1036.8	36.4	0.263	0.011	307.9
	147.5	1206.5	0.282	0.007	325.4
	1570.0	0.148	0.277	0.009	313.3
	8.20		0.209	0.011	309.7
145.119	2.82			0.003	
					1391.8
32	31.49	418.9	0.273	0.014	300.4
	1030.3	36.5	0.266	0.010	303.5
	147.5	1207.4	0.283	0.010	334.2
	1575.6	0.148	0.278	0.010	314.4
	8.20		0.212	0.011	310.8
150.119	2.82			0.003	
					1375.6
33	31.47	418.9	0.274	0.014	300.4
	1052.1	36.5	0.267	0.012	304.0
	147.8	1206.2	0.285	0.005	324.7
	1578.4	0.148	0.280	0.007	313.9
	8.12		0.212	0.011	311.4
155.119	2.79			0.003	
					1358.0
34	31.54	419.4	0.279	0.008	300.5
	1027.8	36.0	0.269	0.010	304.4
	146.6	1207.9	0.287	0.005	326.2
	1580.1	0.148	0.281	0.009	314.8
	8.20		0.213	0.011	312.2
160.119	2.80			0.003	
					1307.7

					26
35	31.42	419.9	0.282	0.015	300.5
	1039.4	36.6	0.269	0.010	304.9
	147.5	1206.2	0.289	0.011	326.5
	1572.4	0.147	0.287	0.008	315.6
	8.10		0.213	0.013	313.0
165.119	2.81			0.003	
					1308.4
36	31.42	420.0	0.288	0.014	300.5
	1046.0	36.1	0.274	0.011	305.5
	147.2	1205.9	0.291	0.009	325.7
	1583.4	0.147	0.288	0.009	315.4
	8.10		0.215	0.010	313.6
170.119	2.82			0.004	
					1483.1
37	31.59	420.3	0.291	0.015	299.9
	1030.6	36.6	0.277	0.011	306.0
	147.8	1204.3	0.292	0.007	325.0
	1575.6	0.149	0.290	0.009	315.6
	8.20		0.215	0.011	314.2
175.119	2.82			0.003	
					1463.6
38	31.40	420.6	0.291	0.014	300.0
	1068.4	36.7	0.280	0.009	306.1
	148.2	1204.3	0.287	0.008	325.6
	1583.9	0.147	0.291	0.009	316.0
	8.09		0.214	0.009	314.9
180.119	2.79			-0.000	
					1462.4
39	31.46	417.9	0.296	0.009	300.0
	1056.1	36.7	0.273	0.010	305.8
	147.5	1202.0	0.301	0.008	322.8
	1575.4	0.148	0.295	0.008	315.5
	8.13		0.222	0.013	316.0
185.119	2.75			0.003	
					1462.3
40	31.69	420.9	0.293	0.012	300.4
	1069.8	36.7	0.281	0.012	307.0
	148.8	1209.4	0.295	0.004	326.2
	1578.9	0.150	0.293	0.012	315.4
	8.04		0.219	0.014	316.6
190.119	2.77			0.001	
					1466.0
41	31.52	417.7	0.299	0.010	300.8
	1033.1	36.2	0.269	0.012	308.3
	148.5	1207.8	0.301	0.006	325.2
	1580.1	0.148	0.295	0.005	317.6
	8.17		0.224	0.010	311.1
195.119	2.88			0.003	
					1429.0
42	31.56	418.1	0.301	0.020	300.8
	1025.6	36.7	0.283	0.011	308.9
	147.8	1206.0	0.309	0.007	330.1
	1577.9	0.148	0.300	0.009	319.1
	8.18		0.224	0.010	318.5
200.119	2.86			0.004	
					1505.9
43	30.15	421.7	0.302	0.013	300.8
	1086.7	36.8	0.279	0.015	308.8
	148.8	1204.3	0.305	0.014	329.2
	1578.6	0.136	0.302	0.006	319.5
	8.20		0.226	0.013	318.9
205.119	2.85			0.002	
					1535.2
44	31.54	419.3	0.299	0.008	300.8
	1053.5	36.3	0.279	0.009	310.1
	147.8	1204.0	0.302	-0.006	328.2
	1583.6	0.148	0.301	0.007	319.2
	8.21		0.220	0.009	319.8
210.119	2.77			0.003	
					1503.7
45	30.35	422.6	0.294	0.008	300.8
	1139.3	36.3	0.285	0.004	310.7
	149.4	1201.0	0.291	0.011	332.1
	1578.4	0.138	0.302	0.005	318.2
	8.11		0.226	0.000	320.4
215.119	2.69			0.002	
					1494.8
46	31.44	416.7	0.298	0.009	300.4
	1058.8	35.9	0.282	0.011	311.2
	146.9	1204.0	0.292	0.004	330.4
	1588.6	0.148	0.307	0.007	321.1
	8.11		0.226	0.017	321.4
220.119	2.77			0.002	
					1489.8

					26						26
47	31.50	423.2	0.301	0.017	300.5	59		21.0	4.087	0.012	303.7
	1027.0	36.9	0.288	0.018	311.9			6.1	4.081	0.010	319.9
	146.6	1204.7	0.306	0.008	330.4		0.5	1212.1	4.053	0.003	320.5
	1587.1	0.148	0.306	0.002	322.4		1.2		4.101	0.006	322.1
	8.18		0.226	0.015	322.3		8.17		3.116	0.011	331.9
225.119	2.85			0.002		285.119	0.16			0.001	
					1479.0						0.0
48	31.44	422.6	0.301	0.011	301.1	60	3.23	21.8	4.729	0.012	303.7
	1044.0	36.9	0.284	0.008	312.4			8.0	4.263	0.009	320.5
	147.8	1204.2	0.302	0.007	330.8		0.2	1211.3	4.053	0.003	320.9
	1579.1	0.148	0.305	0.007	322.1		1.0	0.002	4.419	0.007	322.6
	8.06		0.229	0.014	322.9		8.00		3.690	0.010	332.5
230.119	2.85			0.004		290.119	0.17			0.001	
					1476.8						0.0
49	31.36	420.4	0.303	0.011	300.6	61		21.6	4.729	0.013	303.8
	1084.7	36.3	0.289	0.033	312.4			9.6	4.263	0.009	321.1
	146.6	1201.6	0.295	0.008	331.0		0.2	1211.1	4.053	0.003	321.1
	1589.9	0.147	0.303	0.009	323.3		0.7		4.419	0.007	323.1
	8.18		0.228	0.010	324.1		8.18		3.690	0.011	333.2
235.119	2.65			-0.000		295.119	0.18			0.001	
					1469.4						0.0
50	31.28	424.0	0.304	0.011	301.0	62	1.22	20.3	4.729	0.012	304.0
	1088.2	36.5	0.292	0.008	312.4			10.4	4.263	0.008	321.7
	146.9	1202.3	0.291	0.007	338.0		0.2	1212.0	4.053	0.003	320.6
	1585.1	0.146	0.304	0.007	324.4		-2.5	0.000	4.419	0.006	323.6
	8.12		0.230	0.014	324.5		8.26		3.690	0.011	333.5
240.119	2.66			0.000		300.119	0.19			0.001	
					1479.0						0.0
						ARC POWER OFF					
51	31.54	421.1	0.284	0.012	301.5	63	2.73	22.4	4.729	0.013	304.1
		20.7	0.272	0.009	314.4			10.5	4.263	0.008	321.5
	-0.8	1204.2	0.288	0.005	317.1		0.2	1213.5	4.053	0.002	320.4
	2.7	0.148	0.285	0.007	316.6		-14.5	0.001	4.419	0.007	324.1
	8.17		0.213	0.011	324.9		8.17		3.690	0.010	333.5
245.119	2.88			0.002		305.119	0.22			0.001	
					1184.3						0.0
52	12.60	179.8	0.286	0.012	301.6	64	1.22	23.4	4.729	0.012	304.2
		9.2	0.273	0.009	315.2			10.5	4.263	0.009	319.7
	-0.8	1208.6	0.289	0.005	317.6		1.1	1215.0	4.053	0.003	321.3
	2.7	0.024	0.287	0.007	317.4		-31.5	0.000	4.419	0.007	324.5
	8.10		0.214	0.011	325.3		8.08		3.690	0.010	333.8
250.119	2.12			0.002		310.119	0.21			0.001	
					0.0						0.0
					26						26
53	6.33	100.6	0.224	0.013	301.5	65	-0.00	23.5	4.729	0.012	304.3
		5.5	0.213	0.008	315.8			10.6	4.263	0.009	319.0
	-0.5	1208.6	0.228	0.004	318.1		6.1	1214.2	4.053	0.003	322.4
	2.5	0.006	0.226	0.007	318.2		-26.7	=0.00	4.419	0.006	325.0
	8.21		0.166	0.011	326.5		8.16		3.690	0.011	335.1
255.119	1.12			0.001		315.119	0.20			0.001	
					0.0						0.0
54		33.6	0.209	0.012	301.7	66		23.5	4.729	0.012	304.4
		2.6	0.198	0.009	316.5			10.6	4.263	0.009	319.7
	-0.5	1213.1	0.212	0.005	318.6		30.1	1208.2	4.053	0.003	322.7
	2.0		0.209	0.006	318.9		-16.2		4.419	0.007	325.4
	8.10		0.154	0.010	327.3		8.18		3.690	0.010	336.5
260.119	0.63			0.002		320.119	0.21			0.001	
					0.0						0.0
55	2.11	21.8	0.239	0.013	301.8	67		23.5	4.729	0.011	304.5
		2.2	0.226	0.008	317.1			10.6	4.263	0.009	320.7
	-0.2	1212.8	0.244	0.005	319.0		34.5	1206.5	4.053	0.002	322.9
	2.0	0.001	0.240	0.007	319.6		-17.0		4.419	0.007	325.9
	8.10		0.179	0.010	328.1		8.17		3.690	0.011	337.4
265.119	0.41			0.001		325.119	0.20			0.001	
					0.0						0.0
56		20.6	0.277	0.013	302.0	68		23.9	4.729	0.012	304.7
		2.2	0.264	0.009	317.7			10.7	4.263	0.008	321.7
	-0.2	1210.9	0.287	0.004	319.4		45.5	1204.7	4.053	0.002	323.2
	1.5		0.277	0.007	320.3		-9.0		4.419	0.007	326.3
	8.13		0.208	0.011	328.9		8.12		3.690	0.011	338.2
270.119	0.31			0.001		330.119	0.20			0.001	
					0.0						0.0
57		20.4	0.620	0.012	302.7	69		23.8	4.729	0.011	305.0
		2.7	0.599	0.009	318.5			10.7	4.263	0.009	322.9
	0.2	1211.8	0.641	0.004	319.7		55.3	1204.5	4.053	0.003	323.4
	2.2		0.632	0.006	321.1		-4.5		4.419	0.006	326.6
	8.09		0.480	0.009	330.2		8.05		3.690	0.011	339.2
275.119	0.25			0.001		335.119	0.19			0.001	
					0.0						0.0
58		20.7	2.056	0.012	303.5	70		23.9	4.729	0.011	305.2
		4.2	2.043	0.009	319.5			10.7	4.263	0.009	324.7
	0.2	1211.5	2.083	0.004	320.1		52.7	1204.9	4.053	0.003	323.6
	1.5		2.069	0.006	321.6		2.5		4.419	0.007	327.0
	8.13		1.577	0.010	331.3		8.15		3.690	0.012	339.9
280.119	0.20			0.001		340.119	0.18			0.001	
					0.0						0.0

					26
71		24.2	4.729	0.011	305.3
		10.7	4.263	0.010	326.5
	45.8	1205.5	4.053	0.002	323.9
	2.2		4.419	0.007	327.3
	8.16		3.690	0.011	340.0
345.119	0.18			-0.003	
					0.0
72		24.3	0.101	0.012	305.5
		10.7	0.091	0.009	327.0
	30.4	1206.5	0.102	-0.002	324.2
	2.2		0.108	0.007	327.6
	8.10		0.068	0.010	339.5
350.119	0.18			-0.008	
					0.0
73		24.5	0.029	0.012	304.3
		10.7	0.009	0.008	327.4
	15.0	1206.9	0.018	-0.006	324.4
	2.7		0.025	0.007	328.0
	8.18		0.001	0.010	339.0
355.119	0.18			-0.013	
					0.0
74		24.2	0.026	0.013	303.1
		9.6	0.004	0.008	327.9
	6.5	1206.7	0.014	-0.010	324.5
	2.5		0.017	0.007	328.3
	8.18		-0.002	0.009	339.3
360.119	0.18			-0.015	
					0.0
75		24.3	0.023	0.012	302.4
		8.5	0.003	0.008	328.3
	-0.8	1206.7	0.013	-0.013	324.6
	3.2		0.011	0.007	328.6
	8.12		-0.002	0.005	339.8
365.119	0.17			-0.015	
					0.0
76		24.2	0.018	0.012	301.8
		7.5	0.001	0.005	328.7
	-0.5	1206.9	0.012	-0.013	324.8
	3.7		0.007	0.007	328.9
	8.11		-0.001	-0.000	340.3
370.119	0.17			-0.014	
					0.0
77		24.2	0.012	0.012	302.1
		6.6	0.002	0.001	329.1
	-0.3	1206.0	0.007	-0.013	325.0
	3.7		0.004	0.007	330.2
	8.13		-0.002	-0.004	340.8
375.119	0.16			-0.015	
					0.0
78		24.3	0.007	0.012	302.3
		6.5	-0.001	-0.003	329.6
	-1.1	1206.2	-0.008	-0.013	325.1
	3.0		0.002	0.007	329.4
	8.19		-0.002	-0.008	341.3
380.119	0.08			-0.011	
					0.0
79		24.2	0.002	0.011	303.0
		6.5	-0.003	0.010	329.9
	-1.1	1205.5	-0.004	-0.009	325.2
	2.7		0.002	0.004	329.7
	8.17		-0.001	-0.010	341.7
385.119	-0.14			-0.005	
					0.0
80		24.3	0.006	0.005	304.9
		6.7	-0.004	-0.009	330.2
	-1.1	1206.2	-0.039	-0.003	325.3
	2.5		0.005	-0.003	330.0
	8.13		0.001	-0.010	342.1
390.119	-0.40			-0.000	
					0.0
81		24.5	0.008	0.001	306.5
		8.6	-0.003	-0.009	330.5
	-0.8	1205.4	-0.039	0.002	325.4
	2.0		0.005	-0.007	330.2
	8.15		-0.007	-0.008	342.1
395.119	-0.49			0.001	
					0.0
82		24.6	0.010	-0.006	307.9
		9.0	-0.000	-0.008	330.9
	-0.8	1204.3	-0.039	0.003	325.6
	1.7		0.006	-0.010	330.4
	8.11		-0.002	-0.003	342.3
400.119	-0.49			0.001	
					0.0
83		24.7	0.010	-0.009	308.5
		10.7	0.001	-0.002	331.1
	-0.5	1202.8	-0.031	0.003	325.7
	1.5		0.007	-0.011	328.8
	7.88		-0.001	0.004	342.4
405.119	-0.49			0.001	
					0.0
84		24.7	0.011	-0.009	308.7
		10.7	-0.009	0.004	331.5
	0.2	1199.3	-0.011	0.003	325.8
	1.7		0.005	-0.010	327.0
	7.66		-0.001	0.010	342.7
410.119	-0.39			0.001	
					0.0
85		20.7	0.009	-0.009	309.0
		10.7	-0.029	0.008	331.8
	-0.2	1196.7	0.007	0.003	325.9
	1.5		0.005	-0.007	325.8
	7.84		-0.002	0.011	343.0
415.119	-0.24			0.001	
					0.0
86		13.0	0.007	-0.005	309.3
		10.8	-0.047	0.009	332.0
	-0.2	1194.5	0.021	0.003	325.0
	1.7		0.005	-0.003	326.0
	7.78		-0.003	0.011	343.3
420.119	-0.03			0.001	
					0.0
87		5.5	0.006	-0.001	309.6
		10.8	-0.061	0.009	332.4
	-0.5	1194.7	0.018	0.002	323.6
	1.7		0.007	0.001	326.3
	7.74		-0.005	0.011	343.7
425.119	0.16			0.001	
					0.0
88		2.6	0.005	0.002	309.8
		10.8	-0.061	0.008	332.7
	-0.5	1194.9	0.014	0.003	322.6
	1.2		0.006	0.004	326.5
	7.81		-0.008	0.011	343.8
430.119	0.16			0.001	
					0.0
89		-0.7	0.008	0.005	310.0
		10.8	-0.061	0.009	332.9
	-0.7	1194.9	0.010	0.003	322.2
	1.5		0.006	0.007	326.7
	7.77		-0.009	0.011	343.7
435.119	0.16			0.001	
					0.0
90		-0.6	0.007	0.007	310.2
		10.8	-0.060	0.009	333.1
	-0.2	1194.4	0.006	0.003	321.2
	-6.0		0.005	0.007	327.0
	7.93		-0.012	0.010	343.3
440.119	0.16			0.001	
					0.0
91		-0.3	0.007	0.007	310.4
		10.7	-0.062	0.008	333.3
	0.2	1194.2	0.007	0.003	321.4
	1.2		0.005	0.006	327.1
	7.97		-0.011	0.010	343.6
445.119	0.15			0.001	
					0.0
92		9.4	0.006	-0.005	310.7
		10.8	-0.056	0.009	333.6
	-0.5	1193.3	0.019	0.003	324.7
	-2.0		0.006	-0.002	327.2
	7.85		-0.005	0.010	344.5
450.119	0.05			0.001	
					0.0
93		19.1	0.008	-0.009	311.0
		10.7	-0.033	0.009	333.9
	-1.4	1194.7	0.004	0.003	326.7
	1.7		0.005	-0.008	327.3
	7.82		-0.002	0.009	344.4
455.119	-0.25			0.001	
					0.0
94		19.2	0.007	-0.009	311.1
		10.7	-0.036	0.008	334.1
	-0.5	1193.8	0.008	0.003	326.7
	1.5		0.005	-0.007	327.5
	7.82		-0.003	0.010	344.5
460.119	-0.24			0.001	
					0.0

					26
95		12.8	0.007	-0.007	310.7
		10.8	-0.052	0.009	332.7
	-0.2	1192.8	0.021	0.003	325.1
	2.0		0.006	-0.003	327.8
	7.86		-0.004	0.011	344.6
465.119	-0.01			0.001	
					0.0
96		1.6	0.005	0.003	308.3
		10.7	-0.061	0.009	331.3
	-0.2	1193.0	0.012	0.003	322.9
	1.5		0.006	0.004	327.9
	7.87		-0.008	0.009	343.1
470.119	0.15			0.001	
					0.0
97		0.9	0.008	0.010	307.2
		10.8	-0.061	0.009	330.7
	-0.2	1193.2	0.003	0.003	321.3
	-10.5		0.005	0.007	328.7
	7.98		-0.013	0.009	341.4
475.119	0.15			0.001	
					0.0
98		1.2	0.011	0.011	306.9
		10.7	-0.060	0.008	328.2
	0.2	1197.7	0.004	0.003	321.3
	-27.7		0.000	0.007	330.9
	8.14		-0.015	0.011	339.8
480.119	0.16			0.001	
					0.0
99		2.4	0.003	0.012	307.0
		10.7	-0.035	0.009	326.4
	0.5	1201.3	0.007	0.003	321.5
	-42.5		-0.004	0.006	333.1
	8.11		-0.014	0.010	339.4
485.119	-0.15			0.001	
					0.0
100		10.7	-0.018	0.011	308.6
		10.7	-0.011	0.008	324.6
	15.3	1204.9	0.009	0.004	321.8
	-42.5		-0.010	0.006	333.9
	8.11		-0.014	0.011	339.2
490.119	0.15			0.001	
					0.0

					26
101		13.9	-0.032	0.012	309.7
		10.7	0.003	0.008	324.3
	27.9	1204.5	0.009	0.003	323.2
	-42.2		-0.013	0.007	334.1
	8.16		-0.012	0.011	339.0
495.119	0.15			0.001	
					0.0
102		21.6	-0.039	0.012	310.4
		10.7	0.005	0.008	324.0
	38.6	1202.0	0.010	0.004	324.2
	-42.5		-0.013	0.006	334.3
	8.16		-0.008	0.010	338.9
500.119	0.14			0.001	
					0.0
103		28.2	-0.046	0.011	311.0
		10.7	0.001	0.009	323.7
	54.0	1197.9	0.010	0.003	326.5
	-41.7		-0.013	0.006	334.5
	8.14		-0.002	0.009	339.6
505.119	0.14			0.001	
					0.0
104		28.4	-0.046	0.011	311.3
		10.7	-0.007	0.008	324.0
	55.9	1196.9	0.008	0.003	327.6
	-25.7		-0.012	0.006	334.6
	8.14		0.004	0.011	341.1
510.119	0.14			-0.001	
					0.0
105		29.0	-0.044	0.011	311.6
		10.7	-0.007	0.009	325.2
	55.6	1197.9	0.007	0.001	327.7
	-14.5		-0.008	0.006	334.6
	8.14		0.002	0.011	341.4
515.119	0.13			-0.005	
					0.0
106		29.3	-0.040	0.011	311.7
		10.7	-0.005	0.009	326.0
	55.6	1198.4	0.006	-0.002	327.8
	-3.5		-0.001	0.006	334.7
	8.13		-0.002	0.010	340.9
520.119	0.14			-0.009	
					0.0

					26
107		29.6	-0.031	0.011	310.7
		10.7	-0.003	0.008	327.4
	54.0	1199.3	0.007	-0.007	327.9
	1.7		0.006	0.007	334.9
	8.08		-0.005	0.011	340.2
525.119	0.13			-0.013	
					0.0
108		29.8	-0.012	0.012	310.5
		10.6	-0.002	0.008	327.6
	50.5	1199.3	0.008	-0.008	328.0
	2.0		0.007	0.007	335.0
	8.19		-0.005	0.010	339.7
530.119	0.13			-0.013	
					0.0
109		29.9	-0.008	0.012	309.3
		9.7	-0.001	0.008	327.9
	45.2	1198.9	0.008	-0.011	328.0
	2.7		0.011	0.006	335.1
	8.15		-0.006	0.009	339.1
535.119	0.14			-0.015	
					0.0

MODEL 3

2-MW PJ FACILITY CONCRETE SAMPLE TEST NO 188 - RUN NO. 28

POINT NO / TIME: SEC	FAC. OPERATING PARAMETERS: GAS FLO-G/S; ENTHALPY-CAL/G; CURRENT-AMPS; VOLTS; WATER FLO-L/S; WATER DT-DEG K	PARAMETERS: PRES-N/CM 2; HEATER MAN; ARC CHAMB; VENTURI; VENTURI DP	PROBE 1: PRESS N/CM 2	PROBE 1: HEAT FLUX KW/CM 2	MODEL TEMP DEG K: TC-1; TC-2; TC-3; TC-4; TC-5; TC-6; TC-7; PYROM 1
					28
1	31.84	391.2	0.000	0.071	300.2
	1081.5	33.3	0.000	0.143	293.9
	155.6	1247.7	0.000	0.128	294.0
	1521.4	0.146	0.000	0.108	293.9
	8.05		0.000	0.101	295.9
0.115	2.75			0.015	295.8
					0.0
					0.0
2	31.74	391.4	0.071	0.065	303.2
	1058.4	33.5	1.112	0.144	294.2
	154.3	1247.2	1.664	0.130	293.8
	1524.4	0.145	1.377	0.108	293.8
	8.16		0.093	0.110	297.2
5.119	2.78			0.015	296.0
					0.0
					0.0
3	31.24	391.8	0.151	0.065	306.0
	1070.1	33.5	1.548	0.145	296.6
	154.6	1246.5	2.065	0.132	293.8
	1521.6	0.141	1.786	0.106	293.9
	8.05		0.184	0.105	298.1
10.119	2.80			0.014	296.1
					0.0
					0.0
4	30.29	391.8	0.176	0.059	308.4
	1117.0	33.6	1.549	0.147	295.3
	154.9	1245.5	2.069	0.134	293.8
	1527.1	0.132	1.794	0.109	294.0
	8.10		0.202	0.108	298.8
15.119	2.81			0.016	296.3
					0.0
					0.0
					28
5	30.99	392.1	0.185	0.065	310.8
	1089.6	33.6	1.551	0.151	296.1
	154.3	1246.2	2.075	0.134	293.9
	1532.9	0.139	1.798	0.107	296.2
	8.13		0.204	0.112	300.1
20.119	2.80			0.015	298.8
					0.0
					0.0
6	31.08	392.4	0.186	0.060	313.0
	1094.6	33.7	1.552	0.150	296.9
	154.6	1245.3	2.083	0.134	293.9
	1531.1	0.139	1.805	0.108	294.4
	8.08		0.204	0.105	301.1
25.119	2.80			0.015	297.1
					0.0
					0.0
7	32.06	392.5	0.183	0.062	315.3
	1074.7	33.7	1.554	0.148	297.9
	154.9	1246.3	2.086	0.127	294.0
	1530.4	0.148	1.803	0.108	296.7
	8.09		0.206	0.106	301.8
30.119	2.75			0.015	296.9
					0.0
					0.0
8	32.34	393.3	0.314	0.013	318.0
	1057.6	33.7	0.496	0.017	299.1
	155.2	1245.5	0.505	0.021	294.4
	1524.9	0.151	0.479	0.010	294.9
	8.16		0.259	0.009	309.0
35.119	2.74			0.006	302.0
					0.0
					0.0
9	32.55	393.6	0.320	0.005	326.6
	1057.0	33.8	0.357	0.009	304.4
	153.3	1244.0	0.361	0.010	298.0
	1541.4	0.153	0.353	0.013	295.2
	8.08		0.273	0.003	362.4
40.119	2.74			0.003	345.0
					292.1
					1161.5
10	31.02	393.6	0.322	0.005	358.4
	1115.0	33.8	0.342	0.006	304.7
	155.9	1244.6	0.348	0.010	297.4
	1529.9	0.139	0.348	0.004	295.5
	8.13		0.277	0.002	351.6
45.119	2.76			0.003	337.1
					296.2
					1281.3
					28
11	30.65	393.8	0.323	0.005	356.6
	1130.0	33.9	0.341	0.004	304.6
	155.2	1242.8	0.347	0.005	296.4
	1538.4	0.136	0.346	0.007	296.0
	8.11		0.276	-0.001	334.4
50.119	2.77			0.003	321.1
					0.0
					1325.2
12	31.07	394.4	0.323	0.004	361.7
	1113.4	33.9	0.341	0.003	307.9
	155.6	1240.2	0.347	0.004	295.7
	1535.9	0.140	0.345	0.002	296.4
	8.13		0.276	-0.003	340.0
55.119	2.77			0.002	313.2
					0.0
					1345.9
13	31.27	394.6	0.325	0.005	375.9
	1110.8	33.9	0.341	0.004	315.0
	154.6	1240.7	0.347	0.005	295.2
	1542.6	0.142	0.345	0.002	296.8
	8.03		0.274	-0.004	344.5
60.119	2.78			0.002	307.2
					0.0
					1350.0
14	31.24	394.8	0.327	0.004	394.1
	1082.6	34.0	0.341	0.004	318.8
	153.7	1238.5	0.348	0.008	295.2
	1542.1	0.142	0.345	0.002	297.3
	8.16		0.275	0.013	339.2
65.119	2.80			0.002	307.4
					0.0
					1350.1
15	31.17	395.2	0.326	-0.003	414.8
	1080.6	34.0	0.343	0.002	321.7
	155.2	1237.7	0.349	0.005	295.9
	1533.4	0.143	0.347	0.002	297.8
	8.12		0.276	0.001	332.9
70.119	2.83			0.002	309.1
					0.0
					1361.4
16	31.56	395.5	0.329	0.003	436.7
	1087.0	34.1	0.344	0.002	324.6
	155.6	1236.8	0.351	0.002	298.1
	1537.1	0.145	0.348	0.000	298.6
	8.13		0.277	0.002	329.5
75.119	2.81			0.002	311.8
					0.0
					1375.6
					28
17	32.00	396.0	0.331	0.001	459.3
	1065.6	34.1	0.346	0.003	327.6
	153.7	1230.0	0.352	0.003	304.3
	1544.1	0.149	0.350	0.000	299.1
	8.07		0.278	0.001	329.9
80.119	2.80			0.002	314.3
					0.0
					1371.3
18	31.19	396.0	0.332	0.006	482.7
	1091.2	34.2	0.346	0.002	330.9
	154.6	1234.6	0.353	0.004	309.1
	1542.4	0.142	0.351	-0.001	299.6
	8.11		0.277	0.006	331.8
85.119	2.83			0.002	316.5
					0.0
					1371.6
19	32.13	396.7	0.336	0.005	508.1
	1057.4	34.1	0.350	0.003	334.6
	155.2	1233.1	0.356	0.005	313.0
	1537.9	0.150	0.353	0.010	300.3
	8.14		0.278	0.003	335.5
90.119	2.84			0.002	319.5
					0.0
PROBE OUT					1356.6
MODEL IN					
20	31.54	396.7	0.337	0.002	537.1
	1030.0	34.0	0.351	0.003	338.6
	148.6	1231.8	0.357	0.002	316.6
	1564.1	0.145	0.356	0.001	300.8
	8.15		0.280	0.003	340.8
95.119	2.83			0.002	323.8
					0.0
					1317.8
21	31.58	397.0	0.341	0.003	571.9
	992.6	33.8	0.354	0.004	342.8
	143.6	1231.4	0.361	0.004	319.8
	1572.6	0.146	0.359	0.002	301.5
	8.10		0.284	-0.001	347.2
100.119	2.80			0.002	327.5
					0.0
					1312.0
22	31.57	397.1	0.342	0.010	630.8
	1108.2	34.3	0.354	0.003	347.4
	155.6	1230.2	0.367	0.010	322.7
	1544.4	0.146	0.356	-0.004	302.2
	8.21		0.282	0.003	352.7
105.119	2.74			0.002	331.1
					0.0
					1360.3

					28
23	31.12	397.0	0.340	0.006	785.5
	1121.9	34.3	0.353	0.003	352.3
	156.2	1228.9	0.371	0.004	325.5
	1544.1	0.142	0.359	0.001	303.0
	8.22		0.281	-0.000	358.6
110.119	2.77			0.002	334.4
					0.0
					1376.9

					28
24	31.56	397.4	0.339	0.007	785.5
	1095.7	34.4	0.355	0.000	358.1
	155.2	1229.6	0.373	0.003	328.2
	1546.4	0.146	0.359	0.000	303.6
	8.16		0.282	0.008	364.2
115.119	2.80			0.002	337.6
					0.0
					1373.6

					28
25	30.81	397.6	0.345	0.004	785.5
	1065.7	34.2	0.357	0.009	364.8
	148.0	1228.0	0.375	0.002	330.8
	1573.4	0.139	0.363	0.002	304.3
	8.11		0.285	-0.001	369.4
120.119	2.82			0.002	340.2
					0.0
					1371.7

					28
26	30.63	398.2	0.341	0.003	785.5
	950.5	33.8	0.357	0.005	371.7
	133.8	1228.7	0.376	0.009	333.3
	1616.1	0.137	0.362	0.001	304.9
	8.07		0.283	-0.003	375.0
125.119	2.80			0.002	343.1
					0.0
					1371.0

					28
27	30.82	398.4	0.343	0.001	785.5
	1065.5	34.2	0.359	0.003	379.1
	144.8	1228.7	0.378	0.003	335.7
	1581.4	0.139	0.366	0.000	305.6
	8.10		0.285	0.004	380.0
130.119	2.71			0.002	344.6
					0.0
					1385.0

					28
28	30.61	398.3	0.346	0.003	785.5
	1208.7	34.6	0.360	0.002	387.3
	158.1	1227.7	0.376	0.002	338.1
	1551.1	0.137	0.368	0.001	306.2
	8.18		0.287	0.002	386.2
135.119	2.64			0.003	347.0
					0.0
					1401.6

					28
29	30.64	398.8	0.346	0.006	785.5
	1178.3	34.6	0.360	0.001	396.5
	158.1	1225.5	0.374	0.003	340.4
	1543.1	0.138	0.370	0.002	306.9
	8.03		0.286	-0.000	392.1
140.119	2.77			0.003	349.4
					0.0
					1403.9

					28
30	30.61	398.8	0.346	0.001	785.5
	1153.9	34.7	0.361	0.002	406.4
	157.1	1227.2	0.378	0.011	342.7
	1555.9	0.137	0.370	0.004	307.5
	8.20		0.289	-0.002	398.2
145.119	2.82			0.003	351.9
					0.0
					1412.3

					28
31	30.83	399.3	0.348	0.001	785.5
	1150.1	34.7	0.362	0.002	417.3
	156.8	1225.3	0.378	0.002	344.9
	1553.9	0.139	0.370	0.002	308.2
	8.11		0.291	0.025	404.7
150.119	2.81			0.002	354.6
					0.0
					1433.0

					28
32	31.17	399.3	0.348	0.002	785.5
	1117.3	34.7	0.362	0.004	429.4
	155.6	1225.5	0.377	0.002	347.2
	1558.4	0.142	0.370	0.000	308.9
	8.10		0.290	0.002	411.0
155.119	2.84			0.003	357.1
					0.0
					1444.4

					28
33	31.06	399.8	0.350	0.004	785.5
	1124.3	34.7	0.366	0.001	442.7
	157.1	1224.0	0.379	0.002	349.3
	1552.4	0.142	0.374	0.003	309.5
	8.08		0.291	-0.003	417.7
160.119	2.90			0.002	359.6
					0.0
					1448.8

					28
34	30.83	400.4	0.350	0.005	785.5
	1141.6	34.8	0.366	0.002	457.4
	157.1	1221.4	0.376	0.003	351.5
	1559.4	0.140	0.372	0.003	310.2
	8.09		0.290	0.014	424.5
165.119	2.89			0.003	362.0
					0.0
					1444.5

					28
35	30.93	401.0	0.354	0.005	785.5
	1133.4	34.8	0.369	0.003	473.3
	157.1	1221.6	0.376	0.004	353.5
	1555.9	0.141	0.374	-0.000	310.4
	8.16		0.292	-0.001	431.7
170.119	2.87			0.003	366.3
					0.0
					1469.7

					28
36	30.50	400.9	0.352	0.003	785.5
	1149.3	34.8	0.370	0.002	490.5
	158.1	1222.3	0.376	0.001	355.5
	1553.4	0.137	0.376	0.002	311.6
	8.22		0.295	0.001	438.7
175.119	2.88			0.003	368.2
					0.0
					1441.0

					28
37	31.29	401.7	0.356	0.004	785.5
	1104.1	34.8	0.371	0.001	509.1
	157.1	1220.1	0.380	0.004	357.4
	1555.1	0.144	0.377	0.000	312.3
	8.23		0.294	0.001	445.4
180.119	2.90			0.003	371.7
					0.0
					1456.9

					28
38	31.24	401.4	0.355	0.003	785.5
	1086.5	34.8	0.371	0.004	527.7
	154.3	1219.2	0.384	0.005	359.3
	1567.4	0.144	0.377	0.002	313.0
	8.15		0.294	0.004	452.4
185.119	2.93			0.003	375.7
					0.0
					1464.5

					28
39	31.08	401.6	0.358	0.004	785.5
	1087.5	34.8	0.372	0.001	548.0
	154.0	1218.1	0.387	0.003	361.2
	1566.9	0.142	0.380	0.002	313.7
	8.20		0.296	0.003	459.5
190.119	2.91			0.003	382.0
					0.0
					1483.2

					28
40	30.81	402.2	0.357	0.003	785.5
	961.1	34.2	0.374	0.002	572.4
	137.6	1219.7	0.386	-0.009	362.7
	1609.4	0.140	0.381	0.012	314.5
	8.04		0.297	0.012	466.5
195.119	2.90			0.003	390.5
					0.0
					1474.9

					28
41	30.24	402.9	0.359	0.003	785.5
	738.5	33.1	0.375	0.012	621.6
	109.9	1217.7	0.385	0.002	364.8
	1710.4	0.135	0.383	0.000	315.1
	8.16		0.298	0.012	473.2
200.119	2.77			0.003	403.3
					0.0
					1419.7

					28
42	31.16	403.1	0.363	0.007	785.5
	882.8	33.6	0.379	0.002	670.0
	119.7	1216.9	0.388	0.002	367.0
	1679.6	0.143	0.386	0.000	316.1
	8.18		0.300	0.001	478.8
205.119	2.51			0.002	414.7
					0.0
					1409.5

					28
43	30.98	403.6	0.366	0.005	785.5
	1116.9	34.3	0.381	0.002	708.5
	138.5	1218.4	0.386	0.001	369.4
	1616.4	0.142	0.385	0.002	316.7
	8.13		0.302	0.002	485.5
210.119	2.33			0.003	429.2
					0.0
					1422.3

					28
44	31.21	403.8	0.367	0.005	785.5
	1213.3	34.8	0.382	0.004	749.4
	153.3	1217.5	0.385	0.004	371.9
	1568.9	0.144	0.387	0.000	317.4
	8.06		0.303	0.003	493.1
215.119	2.44			0.003	446.9
					0.0
					1428.7

					28
45	30.85	404.0	0.369	0.006	785.5
	903.3	33.8	0.381	0.003	790.6
	124.4	1215.5	0.379	0.003	373.8
	1658.9	0.141	0.384	0.000	318.2
	8.25		0.301	0.007	499.6
220.119	2.60			0.003	464.3
					0.0
					1403.3

					28
46	30.81	404.6	0.372	0.001	0.0
	943.4	34.0	0.383	0.003	790.6
	127.2	1216.2	0.383	0.002	375.0
	1653.1	0.140	0.384	0.023	319.1
	8.11		0.304	0.003	505.8
225.119	2.62			0.002	482.4
					0.0
					1392.1

					28
47	31.12	404.8	0.373	0.002	0.0
	1059.5	34.3	0.388	0.001	790.6
	137.3	1218.1	0.385	0.002	375.6
	1617.4	0.143	0.384	0.003	319.7
	8.08		0.307	-0.001	512.0
230.119	2.49			0.003	499.3
					0.0
					1478.4

48	30.73	405.0	0.372	0.003	0.0
	1135.7	34.6	0.390	0.002	790.6
	143.3	1217.7	0.388	0.000	375.8
	1606.9	0.139	0.385	0.000	320.5
	8.13		0.306	0.000	518.4
235.119	2.48			0.002	516.3
					0.0
					1477.4

49	30.82	405.1	0.372	0.001	785.5
	1162.4	34.8	0.394	0.002	790.6
	149.3	1217.2	0.390	0.003	375.3
	1592.1	0.140	0.388	0.002	321.3
	8.15		0.308	-0.001	525.4
240.119	2.58			0.002	534.6
					0.0
					1508.0

50	31.24	405.3	0.374	0.001	778.9
	1142.4	34.9	0.396	0.003	790.6
	150.8	1215.5	0.392	0.002	374.5
	1587.6	0.144	0.388	0.002	322.0
	8.06		0.308	0.001	531.5
245.119	2.68			0.003	553.2
					0.0
					1338.7

51	31.09	405.8	0.376	0.002	785.5
	1128.4	34.9	0.399	0.003	790.6
	152.1	1215.7	0.394	0.001	373.6
	1584.6	0.143	0.390	0.001	322.6
	8.23		0.310	0.002	537.9
250.119	2.74			0.002	574.1
					0.0
					1567.7

52	30.68	406.0	0.375	0.001	0.0
	1139.5	34.9	0.401	0.005	790.6
	154.0	1213.5	0.396	0.003	372.8
	1572.1	0.139	0.390	0.002	323.3
	8.18		0.311	0.004	544.6
255.119	2.80			0.003	598.5
					0.0
					1567.7

					28
53	30.83	406.5	0.377	0.003	785.5
	1086.5	34.8	0.400	0.001	790.6
	147.6	1210.9	0.391	-0.018	372.9
	1603.4	0.141	0.393	0.002	324.0
	8.14		0.315	0.001	552.2
260.119	2.82			0.003	626.5
					0.0
					1564.0

54	31.22	403.6	0.358	0.001	0.0
		18.5	0.380	0.001	790.6
	2.2	1201.1	0.379	-0.000	375.0
	0.7	0.145	0.375	0.001	325.0
	8.06		0.301	-0.001	558.2
265.119	2.89			0.001	656.2
					0.0
					1166.5

55	30.45	404.0	0.366	0.001	0.0
		18.5	0.389	0.001	790.6
	2.5	1206.9	0.388	-0.000	378.7
	0.7	0.138	0.384	0.001	326.3
	8.12		0.308	0.001	566.4
270.119	2.28			0.001	674.3
					0.0
					0.0

56		23.3	0.311	0.001	0.0
		0.9	0.333	0.001	790.6
	2.2	1211.3	0.332	-0.001	384.3
	0.7		0.327	0.001	327.4
	8.11		0.264	0.001	579.0
275.119	1.20			0.001	665.1
					0.0
					0.0

57		6.8	0.276	0.001	0.0
		0.4	0.299	0.001	790.6
	2.5	1209.6	0.297	-0.000	390.6
	0.5		0.293	0.001	328.3
	8.15		0.238	0.001	582.5
280.119	0.65			0.001	647.2
					289.0
					0.0

58		6.6	0.268	0.000	0.0
		0.4	0.287	0.001	779.6
	1.9	1206.4	0.289	-0.000	396.4
	0.7		0.286	0.001	329.2
	8.13		0.234	-0.000	588.8
285.119	0.40			0.001	632.0
					290.7
					0.0

59			6.6	0.267	-0.001
			0.4	0.276	-0.000
		0.3	1204.0	0.284	-0.000
		0.5		0.285	0.001
		8.12		0.234	0.001
290.119		0.25			0.001

					28
					0.0
					748.0
					401.7
					329.7
					593.8
					618.6
					292.3
					0.0

60			6.7	0.330	0.000
			0.6	0.339	0.000
		0.6	1204.0	0.348	-0.000
		0.5		0.351	0.001
		8.13		0.283	0.001
295.119		0.18			0.000

					0.0
					722.2
					406.5
					330.5
					596.7
					606.6
					294.0
					0.0

61			6.8	0.735	0.000
			1.0	0.742	0.001
		0.0	1203.2	0.755	-0.000
		0.7		0.758	0.001
		8.16		0.595	0.002
300.119		0.13			0.000

					0.0
					700.3
					410.7
					331.2
					598.4
					596.0
					295.4
					0.0

62			7.0	1.159	-0.000
			1.3	1.165	0.001
		0.6	1202.5	1.183	-0.000
		0.7		1.181	0.000
		8.04		0.917	-0.001
305.119		0.10			0.000

					0.0
					682.1
					414.2
					332.0
					599.3
					597.1
					297.1
					0.0

63			7.0	1.572	0.000
			1.7	1.577	0.001
		0.9	1201.6	1.596	-0.000
		0.7		1.591	0.000
		8.08		1.230	0.000
310.119		0.10			0.001

					0.0
					666.2
					417.0
					332.7
					599.9
					579.6
					298.8
					0.0

64			7.2	2.269	0.000
			2.4	2.282	0.000
		0.3	1201.0	2.300	-0.000
		0.5		2.289	0.001
		8.15		1.760	0.002
315.119		0.09			0.000

					0.0
					652.2
					419.3
					333.3
					600.1
					573.2
					300.3
					0.0

ARC POWER OFF

					28
65			7.2	3.963	0.000
			3.1	2.985	0.001
		0.0	1200.9	2.955	-0.000
		0.5		2.978	0.001
		8.11		2.282	0.001
320.119		0.11			0.000

					0.0
					641.7
					421.3
					333.9
					599.7
					567.6
					301.3
					0.0

66			7.2	3.855	0.000
			3.7	3.664	0.001
		0.0	1199.6	3.658	-0.000
		1.0		3.651	0.001
		8.10		2.788	0.001
325.119		0.15			0.000

					0.0
					633.3
					423.0
					334.4
					598.9
					562.9
					302.8
					0.0

67			7.3	4.269	0.000
			4.4	4.253	0.001
		0.0	1198.9	4.032	-0.001
		0.7		4.305	0.001
		8.17		3.287	0.000
330.119		0.16			0.000

					0.0
					625.2
					424.4
					334.9
					598.4
					558.1
					304.0
					0.0

68			7.4	4.692	0.000
			5.0	4.253	0.000
		0.0	1198.1	4.032	0.000
		0.7		4.400	0.000
		8.04		3.693	0.001
335.119		0.15			0.000

					0.0
					618.0
					425.6
					335.4
					597.5
					553.5
					305.2
					0.0

69			7.7	4.692	0.000
			5.6	4.253	0.002
		0.0	1196.7	4.032	-0.000
		0.7		4.400	0.001
		8.06		3.693	-0.001
340.119		0.15			0.000

					0.0
					610.2
					426.6
					335.8
					596.8
					548.7
					306.6
					0.0

70			7.9	4.692	0.001
			6.2	4.253	0.000
		0.0	1195.5	4.032	0.000
		-0.2		4.400	0.000
		8.13		3.693	0.002
345.119		0.14			0.000

					0.0
					603.2
					427.5
					336.3
					595.7
					544.2
					307.9
					0.0

					28
71		8.5	4.692	0.000	0.0
		7.2	4.253	0.000	596.5
	0.3	1194.9	4.032	-0.000	428.5
	0.2		4.400	0.000	336.7
	8.08		3.693	-0.000	594.1
350.119	0.14			0.000	540.0
					309.7
					0.0
72		9.3	4.692	-0.000	0.0
		8.4	4.253	0.000	589.1
	0.6	1193.5	4.032	-0.000	429.4
	0.5		4.400	-0.000	337.1
	8.09		3.693	0.000	592.8
355.119	0.13			0.000	536.3
					311.9
					0.0
73		9.4	4.692	0.000	0.0
		8.5	4.253	0.000	582.2
	-0.3	1191.8	4.032	-0.001	429.8
	1.2		4.400	-0.000	337.5
	8.17		3.693	-0.001	591.3
360.119	0.13			0.000	532.1
					314.3
					0.0
74		9.5	4.692	-0.000	0.0
		8.5	4.253	0.001	576.2
	0.0	1191.5	4.032	-0.000	430.0
	0.5		4.400	-0.000	337.8
	8.18		3.693	0.001	589.3
365.119	0.13			0.000	528.4
					316.8
					0.0
75		9.9	4.692	-0.000	0.0
		8.4	4.253	0.001	570.0
	-0.3	1191.3	4.032	-0.000	430.1
	0.5		4.400	0.001	338.0
	8.12		3.693	-0.001	586.7
370.119	0.13			0.000	524.9
					318.4
					0.0
76		9.6	4.692	0.000	0.0
		8.4	4.253	0.000	564.9
	-0.3	1191.0	4.032	-0.001	430.2
	0.7		4.400	-0.000	338.3
	8.15		3.693	-0.001	584.5
375.119	0.12			0.000	521.5
					319.9
					0.0

					28
77		9.7	4.692	0.000	0.0
		8.4	4.253	0.000	559.6
	-0.3	1189.8	4.032	-0.000	430.2
	0.5		4.400	-0.000	338.5
	8.03		3.693	-0.000	582.2
380.119	0.11			0.000	518.0
					320.3
					0.0
78		9.6	4.692	0.000	0.0
		8.4	4.253	0.000	554.6
	0.0	1188.6	4.032	-0.001	430.2
	0.5		4.400	0.000	338.9
	8.10		3.693	-0.001	580.3
385.119	0.11			0.000	514.8
					321.4
					0.0
79		9.9	4.692	0.000	0.0
		8.4	4.253	0.000	550.3
	0.6	1187.9	4.032	-0.001	430.1
	0.7		4.400	0.000	339.1
	8.11		3.693	-0.000	578.1
390.119	0.11			-0.000	511.8
					322.1
					0.0
80		9.9	4.692	0.000	0.0
		8.4	4.253	0.000	545.4
	0.3	1186.9	4.032	-0.000	430.1
	0.5		4.400	0.000	339.3
	8.09		3.693	-0.001	576.0
395.119	0.12			-0.000	508.9
					322.3
					0.0
81		10.0	4.692	0.000	0.0
		8.4	4.253	0.001	541.6
	0.0	1187.6	4.032	-0.000	430.0
	0.5		4.400	0.000	339.6
	8.06		3.693	-0.001	572.8
400.119	0.10			0.000	506.3
					322.6
					0.0
82		9.7	4.692	0.001	0.0
		8.4	4.253	-0.000	537.7
	-0.3	1187.2	4.032	-0.001	429.9
	0.0		4.400	-0.000	339.7
	8.22		3.693	0.000	569.5
405.119	0.10			0.000	503.3
					322.7
					0.0

					28
83		9.6	4.692	0.001	0.0
		8.4	4.253	-0.001	534.1
	-0.3	1186.9	4.032	-0.000	429.6
	0.7		4.400	0.001	339.9
	8.17		3.693	-0.001	567.3
410.119	0.10			0.000	500.7
					323.7
					0.0
84		9.6	4.692	0.000	0.0
		8.4	4.253	-0.001	530.8
	0.0	1185.9	4.032	0.000	429.5
	0.7		4.400	0.001	340.1
	8.13		3.693	-0.000	565.3
415.119	0.09			0.000	498.3
					323.9
					0.0
85		9.9	4.692	0.001	0.0
		8.4	4.253	-0.000	527.1
	-0.3	1185.2	4.032	0.000	429.2
	1.0		4.400	0.001	340.4
	8.18		3.693	-0.001	563.0
420.119	0.09			0.000	496.0
					324.1
					0.0
86		10.1	4.692	0.001	0.0
		8.4	4.253	-0.001	524.0
	0.0	1184.9	4.032	0.000	429.0
	0.7		4.400	0.000	340.5
	8.27		3.693	-0.002	560.9
425.119	0.09			0.000	493.8
					324.5
					0.0
87		10.2	4.692	0.002	0.0
		8.4	4.253	-0.001	520.6
	0.0	1184.4	4.032	-0.000	428.8
	0.7		4.400	0.000	340.7
	8.13		3.693	-0.000	558.6
430.119	0.09			0.000	491.5
					324.2
					0.0
88		10.1	4.692	0.001	0.0
		8.4	4.253	-0.000	517.5
	0.0	1183.5	4.032	-0.000	428.7
	0.7		4.400	0.000	340.8
	8.02		3.693	-0.001	556.4
435.119	0.09			0.000	489.7
					324.2
					0.0

					28
89		10.3	4.692	0.001	0.0
		8.4	4.253	-0.001	514.5
	0.3	1182.3	4.032	-0.000	428.4
	0.5		4.400	0.000	341.1
	8.14		3.693	-0.002	554.1
440.119	0.08			0.000	487.9
					326.8
					0.0
90		10.4	4.692	0.001	0.0
		8.4	4.253	-0.000	511.8
	0.0	1182.0	4.032	0.000	428.1
	0.7		4.400	0.000	341.2
	8.06		3.693	-0.000	552.1
445.119	0.09			0.000	485.9
					324.7
					0.0
91		10.7	4.692	0.001	0.0
		8.4	4.253	-0.000	509.1
	0.3	1180.6	4.032	0.000	427.9
	0.7		4.400	0.000	341.4
	8.15		3.693	-0.000	550.1
450.119	0.08			0.000	484.0
					325.4
					0.0
92		10.6	4.692	0.001	0.0
		8.4	4.253	-0.001	506.4
	0.3	1179.8	4.032	-0.001	427.6
	0.7		4.400	0.000	341.5
	8.09		3.693	-0.001	548.2
455.119	0.08			0.000	482.1
					325.5
					0.0
93		10.6	4.692	-0.000	0.0
		8.4	4.253	-0.000	504.3
	0.6	1179.3	4.032	0.000	427.4
	0.7		4.400	-0.000	341.6
	8.19		3.693	0.000	546.3
460.119	0.07			0.000	480.6
					327.3
					0.0
94		10.8	4.692	-0.000	0.0
		8.5	4.253	-0.000	501.7
	0.0	1178.6	4.032	0.001	427.0
	-0.2		4.400	-0.000	341.1
	8.15		3.693	-0.001	544.2
465.119	0.08			0.000	479.1
					328.6
					0.0

					28
95		11.0	4.692	0.000	0.0
		8.5	4.253	-0.000	499.0
	0.6	1178.4	4.032	0.000	426.8
	0.0		4.400	-0.000	340.4
	8.12		3.693	-0.001	542.2
470.119	0.07			0.000	477.2
					328.6
					0.0
96		11.0	4.692	-0.001	0.0
		8.4	4.253	-0.000	496.6
	0.9	1177.3	4.032	0.000	426.5
	0.5		4.400	-0.000	339.8
	8.10		3.693	0.000	540.1
475.119	0.07			0.000	475.7
					329.0
					0.0
97		11.0	0.065	0.000	0.0
		8.4	0.080	-0.000	494.6
	0.6	1176.1	0.077	0.000	426.3
	0.5		0.074	-0.000	339.5
	8.11		0.068	-0.001	538.0
480.119	0.06			0.000	474.2
					328.8
					0.0
98		11.1	-0.019	-0.000	0.0
		8.4	0.000	-0.000	492.7
	0.6	1175.6	-0.002	0.000	426.1
	0.5		-0.006	-0.000	339.2
	8.11		0.008	-0.000	536.2
485.119	0.07			0.000	472.7
					329.4
					0.0
99		11.1	-0.024	-0.000	0.0
		8.5	-0.006	-0.000	490.7
	-0.3	1174.9	-0.008	0.000	425.7
	0.0		-0.009	-0.000	339.1
	8.15		0.002	-0.001	534.4
490.119	0.07			0.000	471.3
					330.2
					0.0
100		11.1	-0.023	0.000	0.0
		8.5	-0.006	-0.000	488.7
	0.0	1173.9	-0.009	0.000	425.5
	-0.5		-0.008	0.000	338.9
	8.13		0.001	0.001	532.3
495.119	0.08			0.000	469.6
					328.2
					0.0

					28
101		11.2	-0.023	0.000	0.0
		8.4	-0.006	0.000	486.7
	0.6	1173.0	-0.009	0.000	425.2
	0.0		-0.010	0.000	338.7
	8.12		0.001	0.001	530.2
500.119	0.08			0.000	468.0
					326.3
					0.0
102		11.4	-0.023	0.000	0.0
		8.5	-0.005	0.000	484.9
	0.3	1171.2	-0.010	0.000	424.9
	-0.5		-0.010	0.000	338.5
	8.20		0.000	0.000	528.2
505.119	0.08			0.000	466.5
					325.5
					0.0
103		11.6	-0.022	0.001	0.0
		8.4	-0.006	0.000	483.1
	1.3	1169.8	-0.008	-0.000	424.6
	0.5		-0.011	0.000	338.4
	8.16		0.000	-0.000	526.3
510.119	0.08			0.000	465.0
					325.6
					0.0
104		11.1	-0.023	0.001	0.0
		8.4	-0.007	0.000	481.2
	0.9	1168.8	-0.003	0.000	424.4
	-0.7		-0.012	0.000	338.2
	8.07		0.000	0.001	524.5
515.119	0.08			0.000	463.7
					326.7
					0.0
105		11.4	-0.024	0.000	0.0
		8.4	-0.007	0.000	479.3
	0.6	1168.5	-0.002	0.000	424.0
	-0.2		-0.011	0.000	338.1
	8.12		0.000	0.000	522.6
520.119	0.07			0.000	462.6
					327.4
					0.0
106		11.5	-0.024	0.001	0.0
		8.5	-0.008	0.000	477.7
	0.6	1167.8	-0.003	-0.000	423.8
	-0.7		-0.012	0.000	338.0
	8.08		0.000	-0.001	520.9
525.119	0.08			0.000	461.3
					327.4
					0.0

					28
107		11.8	-0.023	0.001	0.0
		8.4	-0.008	0.000	476.1
	1.3	1167.1	-0.004	0.000	423.4
	-0.7		-0.013	0.000	337.8
	8.17		-0.001	-0.000	519.0
530.119	0.07			0.000	460.1
					327.3
					0.0
108		11.7	-0.024	0.001	0.0
		8.4	-0.008	-0.000	474.5
	0.6	1166.1	-0.004	0.000	423.2
	-1.0		-0.013	0.000	337.8
	8.12		-0.001	0.000	517.2
535.119	0.08			0.000	459.0
					327.7
					0.0
109		11.8	-0.025	0.001	0.0
		8.4	-0.008	-0.000	472.8
	0.3	1165.7	-0.002	-0.000	422.9
	-0.2		-0.011	0.000	337.7
	8.08		-0.001	0.000	515.4
540.119	0.07			0.000	457.8
					328.9
					0.0
110		11.9	-0.027	0.001	0.0
		8.5	-0.009	0.000	471.4
	0.9	1165.4	-0.001	-0.000	422.5
	-0.7		-0.013	0.000	337.6
	8.20		-0.002	-0.001	513.9
545.119	0.07			0.000	456.6
					329.6
					0.0
111		11.9	-0.027	0.000	0.0
		8.5	-0.009	0.001	470.0
	0.9	1165.4	-0.001	-0.000	422.2
	-0.7		-0.012	0.000	337.3
	8.12		-0.002	0.001	512.2
550.119	0.07			0.000	455.6
					330.0
					0.0
112		12.2	-0.027	0.001	0.0
		8.5	-0.009	0.001	468.5
	1.3	1164.4	-0.001	-0.000	421.9
	-0.7		-0.011	-0.000	336.8
	8.15		-0.003	-0.001	510.5
555.119	0.07			0.000	454.7
					330.1
					0.0

					28
113		12.4	-0.028	0.000	0.0
		8.5	-0.009	-0.000	466.8
	1.3	1164.1	-0.001	0.000	421.6
	-0.5		-0.011	0.001	336.2
	8.11		-0.002	0.000	508.7
560.119	0.07			0.000	453.7
					330.3
					0.0
114		12.6	-0.028	0.000	0.0
		8.5	-0.008	0.000	465.5
	0.6	1163.4	-0.004	-0.000	421.4
	-0.5		-0.011	0.000	335.7
	8.18		-0.003	-0.001	507.1
565.119	0.07			0.000	452.7
					330.5
					0.0
115		13.0	-0.028	0.001	0.0
		8.5	-0.009	0.000	463.9
	0.6	1162.7	-0.010	0.000	421.1
	-0.5		-0.012	-0.000	335.4
	8.15		-0.003	-0.001	505.4
570.119	0.07			0.000	452.7
					330.5
					0.0
116		13.2	-0.026	0.001	0.0
		8.5	-0.007	0.000	462.7
	0.6	1162.5	-0.015	0.000	420.9
	-1.5		-0.013	0.000	334.7
	8.13		-0.004	-0.000	503.6
575.119	0.06			0.000	451.7
					330.9
					0.0
117		13.6	-0.028	0.000	0.0
		8.5	-0.008	-0.000	460.9
	0.9	1161.7	-0.015	0.000	420.6
	-1.2		-0.012	0.000	335.1
	8.15		-0.003	0.000	501.9
580.119	0.07			0.000	451.0
					331.4
					0.0
118		13.8	-0.025	0.000	0.0
		8.5	-0.008	-0.000	459.7
	0.3	1161.7	-0.016	-0.000	420.2
	-1.5		-0.012	0.000	335.0
	8.14		-0.003	-0.000	500.3
585.119	0.06			0.000	450.0
					331.4
					0.0

MODEL 14

2-MW PJ FACILITY CONCRETE SAMPLE TEST NO 188 - RUN NO. 29

TIME SEC	FAC. OPERATING PARAMETERS: GAS FLO-G/S; ENTHALPY-CAL/G; CURRENT-AMPS; VOLTS; WATER FLO-L/S; WATER DT-DEG K	PRES-N/CM2: HEATER MANI; ARC CHAMB; VENTURI; VENTURI DP	PROBE I PRESS N/CM2: 1; 2; 3; 4; 5	PROBE I HEAT IFLUX KW/CM2: 1; 2; 3; 4; 5; 6	MODEL TEMP DEG K: TC-1; TC-2; TC-3; TC-4; TC-5; TC-6; TC-7; PYROM
POINT NO					
1	30.98	394.8	0.000	0.184	299.3
	2162.3	39.6	0.000	0.298	298.5
	504.1	1154.9	0.000	0.272	294.1
	1126.5	0.149	0.000	0.239	294.2
	7.98		0.000	0.178	301.1
0.116	8.62			0.053	298.3
					0.0
					0.0
2	31.99	395.4	0.164	0.192	302.5
	1933.2	39.0	1.490	0.310	301.6
	504.8	1159.5	2.137	0.277	294.2
	1086.8	0.159	1.590	0.224	294.3
	7.96		0.308	0.178	304.4
5.119	8.71			0.054	292.1
					0.0
					0.0
3	32.64	395.1	0.235	0.180	305.6
	1997.3	39.3	1.514	0.308	304.1
	504.8	1159.1	2.163	0.266	296.0
	1114.5	0.165	1.612	0.221	294.5
	7.92		0.375	0.183	305.7
10.119	8.76			0.083	291.6
					0.0
					0.0
4	31.79	395.1	0.308	0.026	310.3
	2127.6	39.8	0.439	0.022	308.0
	503.5	1158.0	0.449	0.020	295.6
	1138.5	0.157	0.406	0.012	294.7
	8.00		0.254	0.010	315.5
15.119	8.67			0.005	307.1
					0.0
					0.0

PROBE OUT

MODEL IN

					29
5	32.01	395.3	0.295	0.011	313.7
	2085.9	39.8	0.317	0.015	320.1
	502.6	1154.6	0.320	0.014	295.1
	1137.0	0.159	0.308	0.007	295.1
	7.94		0.232	0.009	341.9
20.119	8.79			0.001	305.2
					0.0
					1449.6
6	32.12	395.4	0.294	0.005	333.7
	2050.6	39.8	0.298	0.012	348.8
	502.9	1153.4	0.304	0.014	295.0
	1138.8	0.161	0.299	0.008	295.5
	8.02		0.230	0.008	372.3
25.119	8.86			-0.001	300.3
					0.0
					1440.0
7	32.07	395.4	0.292	0.006	358.3
	2081.4	40.0	0.296	0.013	366.4
	502.2	1149.7	0.305	0.007	294.5
	1142.8	0.161	0.298	0.004	295.9
	7.99		0.230	0.003	359.4
30.119	8.82			-0.003	298.1
					0.0
					1498.7
8	32.08	395.8	0.292	0.005	373.3
	2152.5	40.0	0.298	0.014	373.5
	502.2	1150.0	0.308	0.011	294.3
	1143.5	0.161	0.299	0.004	296.5
	7.89		0.231	0.005	387.9
35.119	8.65			-0.004	298.6
					0.0
					1513.0
9	32.03	395.3	0.294	0.008	382.7
	2178.6	40.1	0.298	0.010	373.7
	502.9	1149.7	0.324	0.011	294.3
	1145.0	0.160	0.303	0.005	297.2
	7.91		0.234	0.007	419.0
40.119	8.58			-0.004	297.4
					0.0
					1537.1
10	31.57	395.5	0.299	0.006	395.0
	2190.7	40.1	0.302	0.011	374.8
	501.6	1148.6	0.323	0.012	294.8
	1146.3	0.156	0.302	0.005	297.9
	7.94		0.236	0.005	447.8
45.119	8.60			-0.004	298.3
					0.0
					1553.0

					29
11	32.42	396.0	0.300	0.010	428.4
	2090.2	40.1	0.303	0.011	390.1
	502.2	1149.7	0.317	0.013	295.2
	1145.0	0.164	0.305	0.005	298.4
	8.02		0.239	0.004	479.5
50.119	8.69			-0.003	299.9
					0.0
					1512.6
12	31.73	396.5	0.302	0.005	473.7
	2122.1	40.2	0.305	0.011	413.4
	501.6	1150.3	0.316	0.017	295.8
	1144.5	0.157	0.306	0.005	299.3
	7.97		0.239	0.003	529.6
55.119	8.78			-0.005	302.4
					0.0
					1548.3
13	32.05	396.6	0.301	0.005	523.1
	2084.1	40.2	0.303	0.011	445.5
	501.3	1148.0	0.316	0.014	296.6
	1143.0	0.161	0.305	0.008	300.1
	7.97		0.238	0.009	724.2
60.119	8.81			-0.005	305.0
					0.0
					1475.7
14	31.38	397.1	0.301	0.006	586.4
	2122.7	40.2	0.304	0.011	489.5
	500.7	1151.0	0.318	0.011	297.4
	1145.0	0.154	0.307	0.003	301.0
	7.99		0.241	0.001	1298.4
65.119	8.82			-0.005	308.9
					0.0
					1505.2
15	32.11	397.3	0.302	-0.003	792.4
	2062.8	40.2	0.307	0.010	655.9
	501.0	1149.2	0.321	0.014	298.5
	1141.8	0.161	0.308	0.006	301.8
	8.00		0.244	0.005	1298.4
70.119	8.81			-0.005	313.5
					0.0
					1461.5
16	30.98	397.6	0.301	0.003	1112.7
	2173.2	40.3	0.309	0.008	926.8
	501.0	1148.0	0.324	0.011	299.9
	1149.5	0.150	0.304	0.002	302.7
	7.98		0.243	0.004	1298.4
75.119	8.82			-0.005	316.9
					0.0
					1504.5
					29
17	31.38	397.8	0.315	0.004	1288.6
	2142.8	40.3	0.315	0.006	1294.4
	501.6	1147.8	0.327	0.011	301.1
	1147.0	0.154	0.309	0.007	303.7
	7.98		0.244	0.003	1298.4
80.119	8.81			-0.005	321.4
					0.0
					1557.1
18	31.74	398.3	0.326	0.010	1288.6
	2131.7	40.3	0.314	0.007	0.0
	501.0	1148.1	0.328	0.015	303.0
	1149.5	0.158	0.317	0.006	304.7
	7.90		0.243	0.003	1298.4
85.119	8.86			-0.004	328.5
					0.0
					1509.1
19	31.09	399.2	0.327	0.005	1288.6
	2150.0	40.4	0.316	0.009	0.0
	500.3	1146.1	0.329	0.011	305.6
	1151.0	0.152	0.327	0.007	305.6
	7.93		0.241	0.005	1298.4
90.119	8.94			-0.003	336.9
					0.0
					1540.5
20	31.35	399.7	0.324	0.005	1288.6
	2110.7	40.4	0.314	0.008	0.0
	501.3	1145.6	0.328	0.016	308.6
	1150.0	0.154	0.328	0.006	306.6
	7.97		0.244	0.005	1298.4
95.119	8.99			-0.004	347.9
					0.0
					1541.6
21	31.04	400.2	0.319	0.006	0.0
	2109.9	40.4	0.312	0.010	1294.4
	501.0	1142.9	0.330	0.011	312.6
	1149.5	0.152	0.324	0.007	307.7
	7.97		0.250	0.010	1298.4
100.119	9.05			-0.004	357.8
					0.0
					1537.5
22	31.45	399.9	0.318	0.006	398.8
	2085.2	40.5	0.315	0.011	1294.4
	501.3	1139.5	0.334	0.010	318.3
	1150.3	0.156	0.322	0.005	308.9
	8.04		0.260	0.005	1298.4
105.119	8.99			-0.004	367.4
					0.0
					1450.5

					29
23	31.53	400.6	0.320	0.006	1288.6
	2101.8	40.6	0.337	0.009	1294.4
	502.6	1145.8	0.338	0.010	325.6
	1152.3	0.156	0.322	0.005	309.8
	8.04		0.257	0.005	1298.4
110.119	8.98			-0.004	375.6
					0.0
					1466.5
24	31.46	400.7	0.325	0.005	0.0
	2117.1	40.6	0.335	0.008	0.0
	502.6	1150.7	0.336	0.013	333.7
	1151.3	0.155	0.323	0.003	311.0
	8.00		0.252	0.001	1298.4
115.119	8.96			-0.004	388.6
					0.0
					1526.3
25	30.89	401.1	0.328	0.008	1288.6
	2141.7	40.7	0.328	0.006	0.0
	501.0	1144.8	0.332	0.008	341.8
	1152.8	0.150	0.327	0.003	312.0
	8.01		0.254	0.002	1298.4
120.119	8.98			-0.004	396.8
					0.0
					1484.1
26	31.26	401.1	0.325	0.006	1288.6
	2154.7	40.8	0.328	0.006	722.1
	500.7	1142.0	0.344	0.010	350.1
	1153.3	0.154	0.332	0.005	313.2
	7.91		0.257	0.003	1298.4
125.119	8.94			-0.004	419.6
					0.0
					1462.9
27	31.09	401.1	0.328	0.004	1288.6
	2173.2	40.8	0.331	0.009	1294.4
	500.3	1139.7	0.358	0.012	358.3
	1153.8	0.152	0.332	0.004	314.4
	7.87		0.259	0.005	1298.4
130.119	8.97			-0.004	475.1
					0.0
					1473.0
28	32.98	401.7	0.333	0.005	1288.6
	2002.8	40.8	0.334	0.010	1294.4
	500.0	1140.4	0.354	0.013	365.7
	1155.8	0.171	0.335	0.004	315.6
	7.99		0.263	0.003	1298.4
135.119	9.03			-0.003	520.9
					0.0
					1478.4

					29
29	31.50	402.6	0.333	0.005	0.0
	2114.2	40.8	0.336	0.009	1294.4
	501.0	1140.4	0.347	0.013	370.8
	1155.5	0.156	0.337	0.005	316.8
	7.91		0.263	0.007	1298.4
140.119	9.07			-0.003	586.4
					0.0
					1512.1
30	31.73	403.1	0.334	0.006	1288.6
	2086.5	40.8	0.334	0.010	1294.4
	500.3	1140.9	0.347	0.013	378.2
	1155.0	0.159	0.336	0.005	318.1
	7.97		0.264	0.005	1298.4
145.119	9.03			-0.004	650.5
					0.0
					1502.8
31	31.21	403.3	0.331	0.006	1288.6
	2123.3	40.9	0.335	0.010	1294.4
	498.8	1141.9	0.349	0.011	387.5
	1159.5	0.153	0.338	0.005	319.5
	7.96		0.266	0.006	1298.4
150.119	9.05			-0.004	713.3
					0.0
					1405.5
32	31.15	403.8	0.330	0.004	1288.6
	2134.4	40.9	0.339	0.010	1294.4
	500.0	1140.7	0.354	0.014	395.8
	1157.0	0.153	0.335	0.005	320.8
	7.97		0.268	0.005	1298.4
155.119	9.02			-0.003	951.2
					296.4
					1469.6
33	31.14	404.4	0.345	0.005	1288.6
	2154.6	40.9	0.348	0.011	1294.4
	500.7	1140.0	0.359	0.011	402.5
	1159.0	0.153	0.343	0.005	322.1
	7.89		0.270	0.008	1298.4
160.119	9.08			0.008	1407.1
					0.0
					1486.1
34		144.9	0.352	0.003	1288.6
		0.5	0.340	0.005	0.0
	0.3	1154.4	0.352	0.008	432.3
	0.9		0.338	0.003	323.6
	7.88		0.257	0.001	1298.4
165.119	9.06			-0.007	1407.1
					0.0
					0.0

					29
35	7.06	12.8	0.288	0.002	1179.0
		0.5	0.276	0.004	0.0
	1.3	1149.3	0.285	0.008	459.0
	0.4	0.001	0.277	0.003	324.8
	7.91		0.203	0.001	1298.4
170.119	5.02			-0.007	723.6
					0.0
					0.0
36		9.7	0.269	0.002	727.3
		0.4	0.257	0.004	0.0
	0.6	1147.3	0.266	0.008	468.8
	0.4		0.262	0.003	326.1
	8.05		0.190	0.001	1298.4
175.119	2.42			-0.008	484.9
					0.0
					0.0
37		5.2	0.296	0.001	566.8
		0.4	0.289	0.005	0.0
	0.9	1146.4	0.301	0.006	471.2
	0.4		0.297	0.002	327.5
	7.84		0.223	0.003	1298.4
180.119	1.21			-0.008	370.9
					0.0
					0.0
38		4.9	0.349	0.001	454.6
		0.4	0.344	0.005	0.0
	1.3	1142.0	0.361	0.007	470.4
	0.6		0.347	0.002	329.0
	7.90		0.277	0.002	1298.4
185.119	0.67			-0.008	0.0
					0.0
					0.0
39	2.08	5.0	0.569	0.001	329.2
		0.8	0.581	0.005	0.0
	2.8	1147.6	0.585	0.008	468.6
	-0.1	0.001	0.570	0.002	330.4
	7.91		0.443	0.001	1298.4
190.119	0.39			-0.008	0.0
					291.7
					0.0
40		5.2	0.049	0.007	0.0
		1.3	0.064	0.005	0.0
	2.8	1151.9	0.054	0.006	466.3
	-0.4		0.040	0.002	331.7
	7.99		0.032	0.001	1298.4
195.119	0.25			-0.008	0.0
					295.6
					0.0

					29
41		5.3	0.030	0.002	0.0
		1.8	0.043	0.004	0.0
	2.5	1151.0	0.033	0.007	464.1
	-0.1		0.021	0.002	333.0
	8.03		0.017	0.002	1298.4
200.119	0.18			-0.008	0.0
					298.8
					0.0
42		5.3	0.027	0.001	0.0
		2.3	0.037	0.004	0.0
	2.5	1149.8	0.029	0.006	461.8
	-0.9		0.017	0.001	334.2
	7.96		0.015	0.002	1298.4
205.119	0.19			-0.008	0.0
					301.3
					0.0
43		5.3	0.025	0.001	0.0
		2.9	0.030	0.004	0.0
	1.9	1144.2	0.023	0.007	459.4
	-1.6		0.016	0.001	335.5
	7.93		0.012	0.003	1298.4
210.119	0.10			-0.008	0.0
					303.2
					0.0
44		5.5	0.022	0.002	0.0
		3.5	0.025	0.004	0.0
	0.9	1142.4	0.020	0.007	457.0
	-2.1		0.016	0.001	336.7
	7.99		0.012	0.002	1298.4
215.119	0.18			-0.008	0.0
					305.1
					0.0
45		5.1	0.017	0.001	0.0
		5.6	0.024	0.004	0.0
	1.3	1139.8	0.028	0.007	454.6
	-1.6		0.016	0.001	337.9
	7.92		0.010	0.002	1298.4
220.119	0.33			-0.008	0.0
					306.6
					0.0

ARC POWER OFF

46		5.6	0.018	0.001	0.0
		7.4	0.025	0.004	0.0
	1.3	1139.8	0.041	0.007	452.7
	-0.6		0.016	0.002	339.0
	7.90		0.012	0.001	1298.4
225.119	0.41			-0.008	0.0
					308.2
					0.0

					29
47		6.6	0.022	0.001	0.0
		8.3	0.028	0.004	0.0
	0.9	1139.3	0.036	0.006	451.1
	-0.9		0.014	0.002	339.9
	7.91		0.014	0.000	1179.7
230.119	0.42			-0.008	0.0
					307.3
					0.0
48		7.2	0.020	0.001	0.0
		8.4	0.027	0.004	0.0
	0.3	1139.3	0.028	0.007	449.0
	-0.9		0.016	0.002	340.8
	7.88		0.013	0.002	1039.3
235.119	0.37			-0.008	0.0
					309.2
					0.0
49		7.2	0.019	0.000	0.0
		8.4	0.024	0.004	0.0
	-0.3	1139.8	0.027	0.007	447.2
	-0.6		0.015	0.001	341.6
	7.97		0.013	0.001	960.7
240.119	0.36			-0.008	0.0
					313.5
					0.0
50		7.4	0.015	0.000	0.0
		8.4	0.022	0.004	0.0
	-0.3	1140.4	0.026	0.007	445.3
	-0.9		0.013	0.001	342.5
	7.94		0.012	0.002	900.7
245.119	0.34			-0.008	0.0
					317.5
					0.0
51		7.5	0.013	0.000	0.0
		8.4	0.023	0.004	0.0
	-0.3	1139.8	0.026	0.007	443.4
	-0.6		0.011	0.001	343.2
	7.88		0.013	0.002	846.3
250.119	0.33			-0.008	0.0
					319.5
					0.0
52		7.8	0.012	0.001	0.0
		8.4	0.023	0.003	0.0
	0.3	1139.3	0.027	0.007	441.5
	-0.1		0.009	0.001	344.0
	7.94		0.013	0.002	805.3
255.119	0.32			-0.008	0.0
					319.7
					0.0
53		7.9	0.015	0.001	29 0.0
		8.4	0.025	0.003	0.0
	0.9	1137.6	0.028	0.007	439.7
	0.1		0.008	0.001	344.7
	7.99		0.013	0.000	774.0
260.119	0.30			-0.008	0.0
					320.0
					0.0
54		8.0	0.022	0.001	0.0
		8.3	0.027	0.003	0.0
	1.3	1137.8	0.028	0.007	437.9
	0.6		0.010	0.001	345.4
	7.94		0.012	0.001	734.5
265.119	0.28			-0.008	0.0
					319.6
					0.0
55		8.4	0.032	0.002	0.0
		8.3	0.026	0.001	0.0
	0.6	1137.8	0.030	0.007	436.4
	0.9		0.017	0.001	346.1
	7.96		0.009	0.002	683.1
270.119	0.27			-0.008	0.0
					319.4
					0.0
56		8.6	0.034	0.001	0.0
		8.3	0.024	0.004	0.0
	0.6	1137.6	0.027	0.007	435.0
	-0.4		0.026	0.001	346.7
	7.99		0.007	0.001	660.9
275.119	0.27			-0.008	0.0
					320.3
					0.0
57		8.8	0.024	0.000	0.0
		8.3	0.018	0.004	0.0
	0.0	1135.3	0.024	0.006	433.5
	-0.4		0.020	0.001	347.3
	7.97		0.014	0.002	642.9
280.119	0.26			-0.008	0.0
					321.2
					0.0
58		8.7	0.020	0.001	0.0
		8.3	0.016	0.004	0.0
	0.6	1132.7	0.026	0.007	431.9
	-0.4		0.016	0.001	347.9
	7.99		0.020	0.002	641.6
285.119	0.26			-0.008	0.0
					322.0
					0.0
59		8.7	0.020	0.001	29 289.0
		8.4	0.030	0.004	0.0
	0.9	1133.9	0.029	0.007	430.6
	-0.1		0.013	0.001	348.4
	8.03		0.020	0.001	601.8
290.119	0.25			-0.008	0.0
					322.3
					0.0
60		8.8	0.021	0.001	318.5
		8.4	0.039	0.004	0.0
	1.3	1142.2	0.027	0.007	429.3
	-0.4		0.013	0.001	348.8
	8.01		0.013	0.001	581.6
295.119	0.25			-0.008	0.0
					323.5
					0.0
61		9.0	0.023	0.001	339.1
		8.4	0.032	0.004	0.0
	1.3	1142.0	0.024	0.007	428.0
	-1.1		0.013	0.001	349.4
	7.97		0.011	0.001	545.2
300.119	0.25			-0.008	0.0
					323.9
					0.0
62		9.0	0.023	0.001	365.2
		8.4	0.027	0.004	0.0
	0.6	1138.2	0.020	0.007	426.7
	-1.4		0.013	0.001	349.9
	7.96		0.012	0.000	532.8
305.119	0.26			-0.008	0.0
					324.5
					0.0
63		9.3	0.020	0.001	393.5
		8.4	0.024	0.004	0.0
	0.3	1135.4	0.019	0.007	425.5
	-1.9		0.014	0.001	350.3
	8.06		0.011	0.001	523.1
310.119	0.24			-0.008	0.0
					324.5
					0.0
64		9.3	0.018	0.001	392.7
		8.4	0.024	0.004	0.0
	0.9	1134.9	0.020	0.007	424.3
	-1.9		0.015	0.001	350.7
	8.07		0.011	0.000	442.4
315.119	0.24			-0.008	0.0
					325.3
					0.0
65		9.4	0.019	0.001	29 375.3
		8.4	0.023	0.004	0.0
	0.9	1134.3	0.022	0.007	423.2
	-1.4		0.015	0.001	350.4
	7.87		0.011	0.001	380.4
320.119	0.23			-0.008	0.0
					325.6
					0.0
66		9.3	0.018	0.001	384.0
		8.4	0.023	0.004	0.0
	0.6	1134.1	0.028	0.007	422.1
	-0.9		0.016	0.002	350.0
	7.86		0.012	0.002	362.4
325.119	0.23			-0.008	0.0
					325.9
					0.0
67		9.2	0.018	0.001	398.4
		8.4	0.024	0.004	0.0
	0.0	1133.6	0.039	0.007	421.1
	-0.6		0.016	0.002	349.8
	8.02		0.011	0.000	346.4
330.119	0.23			-0.008	0.0
					326.0
					0.0
68		9.3	0.020	0.001	375.9
		8.4	0.026	0.005	0.0
	-0.3	1133.4	0.040	0.007	420.2
	-0.9		0.015	0.002	349.7
	8.02		0.012	0.002	0.0
335.119	0.22			-0.008	0.0
					325.2
					0.0
69		9.6	0.022	0.001	350.7
		8.4	0.026	0.004	0.0
	0.3	1132.7	0.035	0.007	419.5
	-0.9		0.015	0.001	349.5
	8.00		0.013	0.001	0.0
340.119	0.22			-0.008	0.0
					323.8
					0.0
70		9.7	0.022	0.001	323.9
		8.4	0.027	0.004	0.0
	0.9	1132.9	0.029	0.007	418.6
	-1.1		0.014	0.001	349.4
	8.05		0.013	0.001	0.0
345.119	0.22			-0.008	0.0
					323.8
					0.0

					29
71.		10.0	0.021	0.001	294.2
		8.4	0.026	0.004	0.0
	0.6	1133.1	0.026	0.007	417.7
	-0.6		0.016	0.001	349.3
	7.94		0.013	0.001	0.0
350.119	0.21			-0.008	0.0
					324.9
					0.0
72.		10.0	0.020	0.000	0.0
		8.4	0.025	0.004	0.0
	0.0	1132.4	0.027	0.007	416.9
	-0.6		0.014	0.001	349.3
	7.86		0.013	0.001	0.0
355.119	0.21			-0.008	0.0
					325.8
					0.0
73		10.2	0.017	0.000	0.0
		8.4	0.023	0.004	0.0
	0.0	1133.8	0.025	0.007	416.2
	-0.6		0.014	0.001	349.3
	8.02		0.012	0.001	0.0
360.119	0.20			-0.008	0.0
					329.3
					0.0
74.		10.4	0.012	0.000	0.0
		8.3	0.023	0.004	0.0
	-0.6	1133.2	0.026	0.007	415.5
	-0.6		0.010	0.001	349.3
	7.98		0.013	0.000	0.0
365.119	0.19			-0.008	0.0
					331.2
					0.0
75.		10.7	0.015	0.001	0.0
		8.4	0.025	0.003	0.0
	0.6	1132.6	0.027	0.007	414.8
	0.9		0.007	0.001	349.3
	8.02		0.013	0.000	0.0
370.119	0.18			-0.008	0.0
					329.5
					0.0
76.		10.8	0.031	0.001	0.0
		8.3	0.026	0.004	0.0
	0.6	1132.7	0.028	0.006	414.1
	0.9		0.015	0.001	349.3
	7.89		0.010	0.001	0.0
375.119	0.19			-0.008	0.0
					328.0
					0.0

					29
77.		11.1	0.036	0.001	0.0
		8.3	0.025	0.003	0.0
	0.3	1132.7	0.027	0.007	413.5
	-0.1		0.016	0.001	349.8
	7.96		0.007	0.000	0.0
380.119	0.19			-0.008	0.0
					327.5
					0.0
78.		11.6	0.028	0.001	0.0
		8.3	0.021	0.004	0.0
	0.3	1131.2	0.026	0.007	412.9
	-0.6		0.024	0.001	349.8
	7.89		0.010	0.001	0.0
385.119	0.19			-0.008	0.0
					327.2
					0.0
79.		11.7	0.021	-0.000	0.0
		8.3	0.016	0.004	0.0
	0.6	1128.3	0.025	0.007	412.0
	-0.1		0.016	0.001	349.8
	7.98		0.018	0.001	0.0
390.119	0.19			-0.008	0.0
					328.3
					0.0
80.		11.7	0.019	0.000	0.0
		8.3	0.021	0.004	0.0
	0.6	1127.7	0.027	0.006	411.3
	-0.6		0.014	0.001	349.7
	7.99		0.021	0.001	0.0
395.119	0.19			-0.008	0.0
					328.1
					0.0
81.		11.4	0.020	-0.000	295.4
		8.3	0.033	0.004	0.0
	1.6	1131.2	0.028	0.007	410.8
	-0.4		0.014	0.001	349.5
	8.05		0.018	0.002	0.0
400.119	0.19			-0.008	0.0
					328.3
					0.0
82.		11.7	0.021	0.001	320.1
		8.3	0.040	0.004	0.0
	2.2	1136.6	0.028	0.007	410.2
	-0.6		0.013	0.001	349.7
	7.96		0.013	0.000	0.0
405.119	0.19			-0.008	0.0
					328.9
					0.0

					29
83.		11.7	0.021	0.001	318.6
		8.4	0.034	0.004	0.0
	1.6	1137.5	0.025	0.007	409.6
	-0.9		0.013	0.001	350.3
	8.01		0.011	0.001	0.0
410.119	0.19			-0.008	0.0
					329.2
					0.0
84.		11.7	0.023	0.001	321.5
		8.3	0.028	0.004	0.0
	0.6	1134.9	0.020	0.007	409.0
	-1.1		0.013	0.001	350.2
	7.97		0.011	-0.000	0.0
415.119	0.18			-0.008	0.0
					329.2
					0.0
85.		11.8	0.023	0.001	329.1
		8.3	0.025	0.004	0.0
	0.3	1132.1	0.018	0.007	408.5
	-1.6		0.013	0.001	350.0
	7.99		0.011	0.001	0.0
420.119	0.18			-0.008	0.0
					328.8
					0.0
86.		12.1	0.019	0.001	338.2
		8.4	0.024	0.004	0.0
	1.3	1129.7	0.023	0.006	407.7
	-1.6		0.014	0.001	350.0
	7.96		0.011	0.002	0.0
425.119	0.17			0.000	0.0
					329.1
					0.0
87.		11.8	0.018	0.001	351.5
		8.4	0.024	0.004	0.0
	0.9	1128.7	0.037	0.007	407.1
	-0.9		0.015	0.002	349.9
	7.96		0.012	0.001	0.0
430.119	0.18			-0.008	0.0
					329.1
					0.0
88.		11.8	0.021	0.002	358.3
		8.4	0.026	0.004	0.0
	0.9	1128.7	0.039	0.007	406.7
	-0.6		0.014	0.001	349.7
	8.01		0.012	0.000	0.0
435.119	0.17			-0.008	0.0
					327.1
					0.0

					29
89.		12.2	0.022	0.001	370.5
		8.4	0.028	0.004	0.0
	0.9	1128.5	0.032	0.007	406.4
	-0.9		0.015	0.001	349.4
	7.89		0.013	0.002	0.0
440.119	0.17			-0.008	0.0
					325.9
					0.0
90		12.4	0.022	0.001	385.9
		8.3	0.026	0.004	0.0
	0.9	1129.5	0.027	0.007	405.9
	-0.6		0.016	0.001	349.6
	7.92		0.012	0.001	0.0
445.119	0.17			-0.008	0.0
					326.1
					0.0
91		12.5	0.019	0.001	394.7
		8.4	0.024	0.004	0.0
	-0.6	1129.7	0.025	0.007	405.4
	-0.6		0.015	0.001	350.2
	8.03		0.012	0.000	0.0
450.119	0.17			-0.008	0.0
					329.2
					0.0
92		12.6	0.012	0.000	379.3
		8.4	0.023	0.004	0.0
	-0.3	1129.7	0.026	0.006	405.0
	-0.6		0.009	0.001	350.4
	7.95		0.013	0.001	0.0
455.119	0.14			-0.008	0.0
					332.7
					0.0
93		12.9	0.035	0.002	386.4
		8.3	0.026	0.003	0.0
	-0.3	1130.0	0.028	0.007	404.7
	0.9		0.018	0.001	350.0
	7.94		0.008	0.000	0.0
460.119	0.16			-0.008	0.0
					328.9
					0.0
94		13.5	0.024	0.000	390.9
		8.3	0.019	0.005	0.0
	-0.3	1127.3	0.024	0.006	404.4
	-0.9		0.023	0.001	349.7
	7.89		0.011	0.001	0.0
465.119	0.16			-0.008	0.0
					328.3
					0.0

					29
95		13.0	0.020	0.000	383.9
		8.3	0.021	0.004	0.0
	0.9	1124.8	0.027	0.007	403.9
	-0.4		0.014	0.001	349.4
	7.95		0.020	0.001	0.0
470.119	0.16			-0.008	0.0
					328.9
					0.0
96		13.5	0.020	0.001	378.4
		8.3	0.040	0.004	0.0
	2.2	1133.4	0.027	0.007	403.5
	-0.1		0.013	0.002	349.1
	7.90		0.013	0.001	0.0
475.119	0.16			-0.008	0.0
					329.3
					0.0
97		13.6	0.023	0.001	368.6
		8.3	0.035	0.004	0.0
	1.9	1135.1	0.024	0.007	403.1
	-0.6		0.013	0.001	348.8
	7.94		0.011	0.001	0.0
480.119	0.16			-0.008	0.0
					329.7
					0.0
98		13.3	0.023	0.001	356.8
		8.3	0.028	0.004	0.0
	1.3	1131.4	0.021	0.007	402.7
	-1.4		0.013	0.001	348.7
	7.98		0.010	0.001	0.0
485.119	0.17			-0.008	0.0
					329.4
					0.0
99		13.8	0.020	0.001	340.0
		8.4	0.024	0.004	0.0
	0.9	1127.8	0.019	0.007	402.2
	-1.9		0.014	0.001	348.4
	7.96		0.011	0.001	0.0
490.119	0.16			-0.008	0.0
					329.3
					0.0
100		13.7	0.016	0.001	327.7
		8.4	0.023	0.004	0.0
	0.0	1127.0	0.028	0.007	401.6
	-1.6		0.016	0.001	348.3
	7.84		0.010	0.002	0.0
495.119	0.16			-0.008	0.0
					329.1
					0.0

					29
101		13.6	0.017	0.001	323.0
		8.4	0.024	0.004	0.0
	0.9	1126.3	0.039	0.006	401.3
	0.1		0.016	0.001	348.0
	7.97		0.011	0.001	0.0
500.119	0.16			-0.008	0.0
					329.3
					0.0
102		13.8	0.020	0.001	329.2
		8.3	0.025	0.004	0.0
	-0.3	1126.5	0.037	0.007	401.0
	-1.1		0.014	0.001	348.4
	7.99		0.011	0.001	0.0
505.119	0.16			-0.008	0.0
					327.1
					0.0
103		14.1	0.021	0.001	339.4
		8.3	0.027	0.004	0.0
	0.3	1126.3	0.032	0.007	400.7
	-1.4		0.015	0.001	348.8
	8.02		0.012	0.001	0.0
510.119	0.15			-0.008	0.0
					326.0
					0.0
104		14.8	0.020	0.001	350.0
		8.4	0.026	0.004	0.0
	0.0	1126.1	0.028	0.007	400.5
	-0.6		0.015	0.001	349.2
	7.94		0.012	0.001	0.0
515.119	0.14			-0.008	0.0
					325.2
					0.0
105		14.5	0.019	0.001	360.9
		8.4	0.024	0.004	0.0
	-0.3	1126.1	0.027	0.007	400.0
	-0.9		0.014	0.001	349.6
	8.00		0.012	0.001	0.0
520.119	0.14			-0.008	0.0
					326.9
					0.0
106		14.6	0.016	0.000	355.0
		8.4	0.022	0.004	0.0
	-0.9	1127.3	0.026	0.007	399.8
	-0.4		0.013	0.001	349.8
	7.90		0.012	0.002	0.0
525.119	0.14			-0.008	0.0
					332.0
					0.0

					29
107		15.1	0.012	-0.000	347.6
		8.3	0.022	0.004	0.0
	-0.6	1127.2	0.025	0.006	399.4
	-0.4		0.010	0.001	349.5
	8.00		0.012	0.001	0.0
530.119	0.13			-0.008	0.0
					333.0
					0.0
108		15.2	0.012	0.001	338.0
		8.4	0.023	0.004	0.0
	0.6	1126.6	0.027	0.007	399.1
	0.1		0.008	0.001	349.1
	7.94		0.012	0.001	0.0
535.119	0.13			-0.008	0.0
					331.9
					0.0
109		15.3	0.022	0.001	326.2
		8.3	0.026	0.003	0.0
	0.9	1126.0	0.028	0.007	398.8
	0.9		0.009	0.001	348.8
	7.92		0.010	0.000	0.0
540.119	0.13			-0.008	0.0
					329.5
					0.0
110		15.7	0.033	0.001	314.2
		8.3	0.025	0.003	0.0
	0.3	1126.5	0.028	0.007	398.6
	0.4		0.018	0.001	348.6
	7.88		0.008	0.001	0.0
545.119	0.14			-0.008	0.0
					328.7
					0.0
111		15.8	0.035	0.001	302.5
		8.3	0.025	0.003	0.0
	0.0	1126.0	0.027	0.006	398.3
	-0.4		0.024	0.001	348.4
	7.90		0.006	-0.000	0.0
550.119	0.14			-0.008	0.0
					328.2
					0.0
112		16.3	0.031	0.001	301.7
		8.3	0.022	0.004	0.0
	-0.3	1125.5	0.025	0.006	398.0
	-0.6		0.025	0.001	348.5
	8.00		0.006	0.001	0.0
555.119	0.13			-0.008	0.0
					328.1
					0.0

					29
113		16.6	0.026	0.000	303.3
		8.3	0.019	0.004	0.0
	0.3	1124.3	0.023	0.006	397.5
	-0.4		0.021	0.001	348.8
	7.86		0.010	0.000	0.0
560.119	0.13			-0.008	0.0
					328.5
					0.0
114		16.5	0.020	0.001	301.8
		8.3	0.015	0.003	0.0
	-0.3	1121.1	0.025	0.007	396.9
	-0.6		0.015	0.001	348.8
	7.98		0.019	0.001	0.0
565.119	0.14			-0.008	0.0
					328.1
					0.0
115		16.7	0.019	0.000	306.0
		8.3	0.028	0.004	0.0
	1.3	1123.4	0.028	0.007	396.7
	-0.6		0.013	0.001	349.0
	7.90		0.018	0.001	0.0
570.119	0.14			-0.008	0.0
					328.5
					0.0
116		17.0	0.020	0.001	313.5
		8.4	0.038	0.004	0.0
	1.9	1130.5	0.026	0.007	396.3
	-0.6		0.012	0.001	349.3
	7.88		0.012	0.002	0.0
575.119	0.13			-0.008	0.0
					329.2
					0.0
117		17.2	0.022	0.001	322.3
		8.3	0.032	0.004	0.0
	1.3	1131.2	0.023	0.006	395.9
	-0.9		0.012	0.001	349.5
	8.00		0.009	0.001	0.0
580.119	0.14			-0.008	0.0
					329.5
					0.0
118		17.4	0.023	0.001	325.3
		8.3	0.025	0.004	0.0
	0.6	1127.5	0.018	0.007	395.5
	-1.6		0.013	0.001	349.6
	7.85		0.009	0.001	0.0
585.119	0.14			-0.008	0.0
					329.2
					0.0

MODEL 33

2-MW PJ FACILITY CONCRETE SAMPLE TEST NO 188 - RUN NO. 30

POINT NO / TIME SEC	FAC. OPERATING PARAMETERS: GAS FLO-G/S; ENTHALPY-CAL/G; CURRENT-AMPS; VOLTS; WATER FLO-L/S; WATER DT-DEG K	PARAMETERS: PRES-N/CM 2	PROBE I: PRESS N/CM 2	PROBE I: HEAT IFLUX KW/CM 2	MODEL: TEMP DEG K
		HEATER MAN	1	1	TC-1
		ARC CHAMB	2	2	TC-2
		VENTURI	3	3	TC-3
		VENTURI DP	4	4	TC-4
			5	5	TC-5
				6	TC-6
					TC-7
					PYROM
1	33.00	409.1	0.000	0.068	298.8
	1129.8	34.7	0.000	0.142	295.2
	155.2	1150.8	0.000	0.130	293.9
	1586.2	0.170	0.000	0.102	293.0
	8.06		0.000	0.107	294.9
0.119	2.68			0.012	
					0.0
2	32.81	407.6	0.057	0.068	301.5
	1147.6	34.7	0.483	0.147	295.5
	157.1	1149.8	0.677	0.129	291.6
	1588.5	0.168	0.531	0.106	293.9
	8.15		0.048	0.104	295.6
5.119	2.70			0.013	
					0.0
3	32.53	403.1	0.169	0.067	303.7
	1148.6	34.8	1.605	0.149	296.5
	155.2	1151.3	2.083	0.126	291.1
	1591.2	0.165	1.803	0.107	293.9
	8.01		0.176	0.105	295.4
10.119	2.71			0.013	
					0.0
4	32.84	410.1	0.198	0.073	305.8
	1169.1	34.8	1.614	0.151	297.2
	157.4	1148.7	2.090	0.116	291.2
	1582.7	0.169	1.809	0.105	293.9
	8.07		0.196	0.106	295.7
15.119	2.63			0.013	
					0.0
					30
5	32.56	406.8	0.205	0.064	308.0
	1138.1	34.9	1.603	0.146	298.5
	157.1	1147.4	2.101	0.128	291.0
	1573.2	0.166	1.817	0.106	293.9
	8.17		0.201	0.102	297.0
20.119	2.70			0.013	
					0.0
6	32.69	407.6	0.336	0.009	310.4
	1136.1	34.9	0.818	0.013	295.8
	155.7	1147.4	0.880	0.009	293.8
	1594.7	0.167	0.790	0.012	293.8
	8.02		0.227	0.015	297.3
25.119	2.67			0.003	
					0.0
7	31.11	402.3	0.344	0.005	329.2
	1310.4	33.5	0.237	0.008	311.6
	158.1	1144.3	0.381	0.002	293.4
	1592.5	0.152	0.364	0.005	298.4
	8.00		0.263	-0.003	807.5
30.119	2.43			-0.002	
					1093.1
8	31.22	394.8	0.338	0.000	351.7
	1363.9	34.2	0.308	0.020	298.0
	164.7	1146.2	0.341	-0.000	297.9
	1593.2	0.153	0.347	0.006	298.3
	8.06		0.275	-0.004	842.0
35.119	2.50			-0.002	
					1247.2
9	31.10	398.4	0.349	-0.001	355.4
	1386.4	33.4	0.321	0.001	308.4
	166.3	1146.4	0.353	-0.000	297.0
	1589.0	0.152	0.353	-0.006	297.2
	8.02		0.277	-0.003	886.2
40.119	2.48			-0.001	
					1278.5
10	32.22	405.1	0.341	0.000	385.2
	1217.3	33.9	0.338	0.001	309.2
	159.0	1141.1	0.341	0.015	291.1
	1590.0	0.163	0.349	-0.005	296.5
	8.11		0.272	0.001	586.9
45.119	2.62			-0.002	
					1284.6
					30
11	32.00	402.2	0.343	0.001	398.6
	1490.7	34.9	0.339	-0.005	306.1
	181.4	1147.4	0.355	-0.005	294.5
	1587.7	0.160	0.353	0.001	295.5
	8.03		0.276	-0.003	498.4
50.119	2.64			-0.003	
					1307.2
12	32.23	402.9	0.351	-0.000	405.1
	1242.7	35.6	0.333	-0.001	318.3
	162.2	1151.4	0.358	-0.002	295.2
	1579.7	0.162	0.351	0.019	294.6
	8.07		0.278	-0.001	450.1
55.119	2.63			-0.001	
					1327.8
13	31.94	406.6	0.348	0.002	412.5
	1355.8	35.1	0.353	0.004	331.6
	169.1	1152.8	0.367	0.004	292.1
	1589.7	0.159	0.354	0.003	294.6
	7.95		0.279	0.001	430.9
60.119	2.64			0.003	
					1314.9
14	32.83	404.0	0.356	0.003	414.6
	1247.8	35.2	0.353	0.009	347.3
	163.7	1154.2	0.370	0.002	293.3
	1597.7	0.168	0.359	0.006	294.4
	8.04		0.280	0.004	440.2
65.119	2.68			0.003	
					1280.8
15	33.16	407.4	0.341	-0.000	423.0
	987.3	33.9	0.354	0.004	359.2
	135.7	1153.3	0.370	0.006	295.4
	1675.2	0.171	0.355	0.001	295.2
	8.14		0.279	0.006	581.7
70.119	2.65			0.003	
					1173.6
16	33.31	408.6	0.351	0.004	440.4
	1134.6	34.6	0.373	0.007	366.5
	146.1	1151.8	0.376	0.002	292.0
	1640.5	0.173	0.359	0.004	294.6
	8.10		0.283	0.000	416.4
75.119	2.41			0.003	
					1110.7
					30
17	29.99	408.0	0.356	-0.001	463.7
	872.9	32.1	0.364	0.004	377.4
	105.5	1150.4	0.373	-0.002	295.6
	1790.2	0.140	0.357	0.000	295.9
	8.06		0.281	0.003	1051.1
80.119	2.35			0.002	
					1065.3
18	31.85	414.9	0.366	0.003	490.4
	1621.0	35.5	0.374	0.004	382.6
	186.4	1146.5	0.381	0.004	297.3
	1553.3	0.159	0.365	0.005	294.4
	8.16		0.290	0.001	338.2
85.119	2.16			0.003	
					1197.1
19	32.29	409.7	0.362	0.010	513.1
	1191.0	35.2	0.359	0.006	388.2
	157.1	1143.1	0.377	0.002	298.2
	1606.7	0.164	0.361	0.002	294.5
	8.06		0.291	0.001	365.8
90.119	2.72			0.002	
					1057.8
20	32.15	410.1	0.367	0.001	544.0
	1291.1	35.5	0.351	0.003	389.2
	164.4	1139.9	0.380	-0.002	297.8
	1607.0	0.163	0.362	0.002	294.5
	8.04		0.297	0.003	376.3
95.119	2.69			0.002	
					0.0
21	32.45	416.1	0.362	0.003	578.3
	1173.2	35.5	0.340	0.003	397.0
	156.8	1138.4	0.378	0.002	300.3
	1599.0	0.166	0.365	0.003	294.5
	8.06		0.294	0.001	380.4
100.119	2.71			0.002	
					0.0
22	31.31	416.6	0.364	0.003	614.4
	1285.7	35.5	0.346	0.005	396.6
	163.7	1142.3	0.376	0.003	301.6
	1594.0	0.154	0.368	0.003	294.4
	8.08		0.288	0.003	375.2
105.119	2.74			0.000	
					0.0

PROBE OUT

MODEL IN

					30
23	32.02	416.9	0.372	0.004	651.2
	970.5	35.5	0.359	0.004	402.6
	154.0	1142.6	0.379	0.002	303.4
	1447.8	0.161	0.377	0.003	294.3
	8.13		0.281	0.000	374.9
110.119	2.74			0.001	
					0.0
24	28.90	416.9	0.385	0.003	686.1
	1203.2	35.5	0.364	0.003	402.0
	165.0	1143.8	0.381	0.002	304.9
	1444.5	0.131	0.380	0.005	296.4
	8.11		0.283	0.010	379.5
115.119	2.74			0.003	
					0.0
25	31.75	417.4	0.385	-0.001	721.0
	998.2	35.6	0.366	0.005	408.4
	154.9	1145.9	0.383	0.000	305.4
	1461.0	0.158	0.374	0.005	294.4
	8.16		0.285	0.003	381.6
120.119	2.75			0.003	
					1369.8
26	32.78	417.2	0.382	0.004	763.3
	989.6	35.1	0.366	0.026	413.2
	156.5	1144.3	0.382	0.004	308.9
	1452.0	0.169	0.368	0.006	294.4
	8.13		0.285	0.004	384.6
125.119	2.69			0.001	
					1293.7
27	32.82	417.9	0.382	0.006	804.5
	972.0	35.1	0.367	0.003	418.6
	154.6	1144.3	0.383	0.004	311.4
	1463.0	0.169	0.368	0.003	294.5
	8.13		0.288	0.001	383.9
130.119	2.73			0.001	
					1144.1
28	32.62	418.5	0.380	0.002	840.3
	981.0	35.2	0.367	0.001	427.1
	156.2	1142.0	0.378	0.003	314.0
	1450.5	0.167	0.365	0.002	294.5
	8.15		0.288	0.001	387.1
135.119	2.72			0.000	
					1395.2
29	32.35	418.8	0.369	0.004	878.8
	1021.9	35.7	0.366	0.002	436.6
	156.5	1141.6	0.378	0.002	318.4
	1447.3	0.165	0.363	-0.001	294.5
	8.02		0.289	0.003	388.9
140.119	2.63			0.003	
					1303.4
30	32.39	419.1	0.367	0.002	936.5
	994.0	35.8	0.368	0.000	447.9
	155.9	1141.5	0.373	0.004	323.5
	1457.8	0.165	0.364	0.002	294.6
	8.13		0.292	-0.003	389.2
145.119	2.72			0.002	
					1375.3
31	32.15	419.7	0.369	0.005	988.3
	1000.6	35.1	0.368	0.002	461.9
	156.5	1139.9	0.384	0.005	328.6
	1443.3	0.163	0.365	0.003	294.7
	7.93		0.291	0.001	390.2
150.119	2.75			0.000	
					1334.5
32	32.83	419.7	0.367	0.003	1062.4
	979.9	35.9	0.369	-0.002	478.7
	156.5	1138.7	0.387	0.002	332.8
	1449.3	0.170	0.367	0.002	294.8
	8.10		0.293	0.001	391.3
155.119	2.72			-0.001	
					1246.4
33	33.05	419.8	0.370	0.006	1150.6
	977.5	35.9	0.369	0.008	498.6
	157.1	1139.3	0.376	0.003	336.2
	1449.5	0.172	0.365	0.005	294.9
	8.01		0.291	-0.003	393.9
160.119	2.77			0.002	
					1397.6
34	34.25	420.4	0.371	-0.001	1273.4
	948.8	34.3	0.363	0.003	522.0
	159.0	1136.5	0.386	0.004	339.3
	1450.3	0.185	0.367	0.002	294.9
	8.14		0.291	0.002	398.0
165.119	2.78			0.002	
					1380.4

					30
35	30.94	417.7	0.372	0.001	1384.5
	1033.3	36.0	0.370	-0.003	555.2
	157.8	1138.9	0.382	0.001	342.6
	1448.0	0.151	0.365	0.001	295.1
	8.10		0.295	0.010	403.3
170.119	2.80			-0.001	
					1411.5
36	31.42	421.2	0.374	0.002	1516.3
	1070.2	35.4	0.372	-0.001	594.3
	161.2	1137.6	0.382	-0.006	346.1
	1458.0	0.156	0.366	0.002	295.2
	8.10		0.293	-0.001	411.1
175.119	2.79			0.003	
					1383.1
37	32.47	421.3	0.371	0.003	9999.9
	1033.4	35.4	0.373	-0.000	611.2
	159.6	1137.9	0.390	-0.003	349.3
	1467.3	0.167	0.369	0.000	295.3
	8.08		0.295	0.002	417.9
180.119	2.78			0.003	
					1399.7
38	31.61	421.9	0.379	0.003	9999.9
	991.4	34.8	0.374	0.007	641.5
	154.0	1138.4	0.385	0.002	352.6
	1464.3	0.158	0.374	0.009	295.4
	8.12		0.293	-0.001	425.0
185.119	2.78			0.002	
					1398.3
39	31.60	421.5	0.382	0.006	9999.9
	1004.7	35.4	0.377	-0.000	661.9
	154.3	1138.1	0.392	-0.004	356.0
	1461.8	0.158	0.377	0.000	295.7
	8.09		0.294	0.001	432.7
190.119	2.74			0.000	
					1378.3
40	32.47	422.2	0.391	0.003	9999.9
	985.5	35.7	0.375	-0.002	688.0
	155.2	1137.7	0.393	0.002	359.6
	1457.5	0.167	0.377	0.004	295.8
	8.07		0.295	0.000	440.3
195.119	2.74			-0.001	
					1283.4
41	34.13	422.1	0.393	0.005	1562.0
	921.6	35.1	0.377	0.016	707.1
	154.0	1136.5	0.394	0.010	363.0
	1462.5	0.184	0.381	0.007	295.7
	8.10		0.295	0.003	447.2
200.119	2.76			0.002	
					1406.0
42	33.31	422.7	0.397	0.002	9999.9
	1061.3	35.5	0.378	0.005	737.5
	164.1	1137.1	0.394	-0.019	366.4
	1459.3	0.175	0.384	0.002	295.4
	8.15		0.297	-0.000	454.9
205.119	2.69			-0.001	
					1196.5
43	32.46	422.8	0.400	0.005	9999.9
	988.4	36.0	0.377	0.001	776.3
	154.6	1136.9	0.396	0.004	369.8
	1469.8	0.167	0.387	0.002	296.3
	8.12		0.296	0.001	462.4
210.119	2.74			-0.000	
					1048.2
44	31.72	422.6	0.394	0.007	9999.9
	1004.1	36.0	0.379	0.008	824.2
	154.0	1134.0	0.397	0.004	373.4
	1456.8	0.159	0.389	0.006	296.6
	8.15		0.296	0.001	470.9
215.119	2.67			0.002	
					1430.5
45	33.46	423.0	0.399	0.002	9999.9
	957.5	36.1	0.378	0.005	883.0
	154.0	1135.4	0.391	0.015	377.0
	1460.5	0.177	0.388	0.003	296.8
	8.04		0.297	-0.001	479.0
220.119	2.70			0.002	
					1449.9
46	31.27	423.3	0.387	0.011	9999.9
	1001.4	36.1	0.379	0.010	954.2
	153.7	1136.2	0.399	0.004	379.8
	1463.0	0.155	0.388	0.009	297.1
	8.06		0.298	0.006	487.3
225.119	2.79			0.003	
					1196.9

					30
47	31.60	423.4	0.393	0.013	9999.9
	989.0	35.6	0.381	0.001	1048.2
	154.0	1134.9	0.397	0.001	383.2
	1462.5	0.158	0.384	0.004	297.3
	8.10		0.298	-0.003	496.7
230-.119	2.79			0.003	
					1426.6
48	33.69	423.5	0.398	0.004	0.0
	1016.3	36.1	0.383	0.003	1197.0
	163.7	1131.8	0.401	0.003	386.7
	1447.8	0.180	0.386	0.004	297.6
	8.05		0.298	-0.006	505.5
235-.119	2.79			0.002	
					1303.9
49	30.84	424.5	0.398	0.010	0.0
	1034.6	36.2	0.383	0.003	1421.3
	155.2	1134.7	0.401	-0.007	389.8
	1458.0	0.151	0.387	0.001	297.8
	8.02		0.300	0.002	515.0
240-.119	2.77			0.001	
					1118.9
50	34.53	423.9	0.403	0.002	0.0
	1027.2	36.2	0.385	-0.000	1583.8
	165.9	1130.6	0.401	0.001	392.6
	1466.5	0.189	0.391	0.003	298.3
	8.10		0.301	0.001	524.4
245-.119	2.80			0.001	
					0.0
51	31.88	424.4	0.395	0.004	9999.9
	962.4	35.6	0.383	0.004	9999.9
	150.5	1129.9	0.397	0.000	395.2
	1463.8	0.162	0.390	0.005	298.5
	8.09		0.301	0.001	531.0
250-.119	2.72			0.001	
					1438.4

ARC POWER OFF

MODEL 18

2-MW PJ FACILITY CONCRETE SAMPLE TEIST NO 188 - RUN NO. 31

POINT NO / TIME SEC	FAC. OPERATING PARAMETERS: GAS FLO-G/S; ENTHALPY-CAL/G; CURRENT-AMPS; VOLTS; WATER FLO-L/S; WATER DT-DEG K	HEATER MAN PRES-N/CM**2; ARC CHAMB; VENTURI; VENTURI DP	PROBE: PRESS N/CM**2	PROBE: HEAT FLUX KW/CM**2	MODEL: TEMP DEG K	
			1	1	TC-1	
			2	2	TC-2	
			3	3	TC-3	
			4	4	TC-4	
			5	5	TC-5	
				6	TC-6	
					TC-7	
					PYROM	
1	33.02	400.5	0.000	0.069	296.1	
	898.1	33.7	0.000	0.156	290.7	
	151.3	1261.6	0.000	0.126	291.9	
	1401.9	0.155	0.000	0.114	292.4	
	8.20		0.000	0.099	293.5	
0.000	2.57			0.017		
					0.0	
2	32.66	401.1	0.151	0.073	298.2	
	888.1	33.7	1.629	0.147	294.1	
	150.7	1256.1	2.066	0.133	290.4	
	1397.1	0.153	1.873	0.108	292.9	
	8.11		0.130	0.094	293.4	
0.115	2.63			0.017		
					0.0	
3	31.90	401.1	0.207	0.068	300.4	
	936.3	33.8	1.645	0.143	0.0	
	153.2	1263.6	2.078	0.124	293.3	
	1406.6	0.145	1.872	0.108	292.8	
	8.19		0.169	0.101	293.4	
5.119	2.64			0.017		
					0.0	
4	32.05	400.9	0.219	0.068	302.2	
	980.4	33.8	1.641	0.149	294.9	
	158.9	1257.0	2.076	0.133	291.9	
	1402.6	0.147	1.879	0.107	292.2	
	8.19		0.174	0.097	294.3	
10.119	2.67			0.017		
					0.0	
					31	
5	32.76	401.3	0.218	0.068	304.3	
	894.7	33.8	1.632	0.146	296.1	
	153.5	1252.4	2.076	0.132	291.5	
	1396.1	0.154	1.882	0.110	292.9	
	8.24		0.180	0.100	295.4	
15.119	2.66			0.017		
					0.0	
6	32.63	400.8	0.220	0.065	306.6	
	913.4	33.9	1.634	0.151	297.1	
	151.9	1250.0	2.100	0.134	293.1	
	1407.4	0.153	1.881	0.110	292.2	
	8.10		0.178	0.102	296.0	
20.119	2.63			0.017		
					0.0	PROBE OUT
7	32.70	401.7	0.349	0.010	307.0	MODEL IN
	919.6	33.9	0.978	0.013	297.6	
	152.9	1251.6	1.050	0.010	293.0	
	1409.6	0.154	0.949	0.006	292.5	
	8.19		0.211	0.012	293.7	
25.119	2.62			0.003		
					0.0	
8	32.19	398.8	0.356	0.005	327.6	
	1084.3	32.4	0.389	0.010	311.3	
	163.9	1252.2	0.393	0.007	299.0	
	1403.1	0.149	0.384	-0.002	298.6	
	8.08		0.277	-0.000	455.3	
30.119	2.48			0.002		
					1213.0	
9	30.48	398.9	0.359	0.003	335.4	
	1110.5	33.4	0.367	0.004	310.8	
	158.5	1249.2	0.366	0.004	296.5	
	1411.1	0.134	0.356	-0.003	297.7	
	8.17		0.281	0.003	426.6	
35.119	2.40			0.000		
					1306.0	
10	31.14	399.2	0.367	0.000	358.6	
	1066.2	33.9	0.355	0.004	302.8	
	161.7	1246.3	0.367	0.000	294.7	
	1399.6	0.140	0.371	0.002	296.7	
	8.09		0.278	0.018	381.8	
40.119	2.59			-0.001		
					1324.2	

					31
11	30.97	399.8	0.366	0.004	367.8
	1045.1	34.1	0.355	0.004	304.0
	159.8	1244.6	0.376	0.005	296.0
	1405.6	0.139	0.364	0.013	295.3
	8.11		0.292	0.008	354.2
45.119	2.63			-0.001	
					1331.6
12	29.54	403.3	0.363	-0.001	367.5
	1077.9	39.1	0.365	0.007	314.3
	160.1	1251.9	0.361	0.004	295.0
	1406.6	0.125	0.364	-0.001	293.9
	8.21		0.286	-0.001	342.9
50.119	2.68			0.002	
					1352.0
13	32.09	403.7	0.375	0.004	363.6
	942.7	33.7	0.359	0.004	318.1
	153.8	1245.0	0.369	0.003	294.2
	1407.6	0.149	0.371	-0.000	293.7
	7.96		0.289	-0.004	347.2
55.119	2.70			0.002	
					1350.9
14	32.74	397.4	0.374	-0.007	367.8
	902.5	34.2	0.354	0.003	321.1
	152.9	1240.9	0.390	0.002	293.6
	1414.4	0.155	0.371	0.005	293.0
	8.18		0.290	0.004	349.9
60.119	2.71			0.000	
					1382.1
15	32.20	403.9	0.378	0.007	380.0
	944.0	34.2	0.355	0.002	324.0
	154.5	1242.1	0.367	0.003	293.6
	1402.9	0.150	0.374	0.000	292.9
	8.19		0.293	-0.003	353.2
65.119	2.61			0.002	
					1359.3
16	32.54	404.3	0.377	0.002	396.1
	920.7	33.7	0.367	0.000	328.2
	154.1	1243.1	0.377	0.002	293.5
	1406.6	0.153	0.370	0.001	292.9
	8.16		0.292	-0.002	353.9
70.119	2.68			0.000	
					1336.8
					31
17	31.57	405.3	0.377	0.003	411.4
	1015.0	33.8	0.369	0.003	329.0
	160.4	1241.9	0.380	0.001	293.5
	1410.4	0.144	0.364	0.004	292.8
	8.20		0.290	-0.006	354.7
75.119	2.69			-0.001	
					1286.8
18	33.17	405.8	0.391	0.007	431.5
	970.4	34.3	0.369	0.004	337.3
	159.8	1238.2	0.381	0.002	293.7
	1405.4	0.160	0.384	0.002	292.8
	8.14		0.287	0.000	354.8
80.119	2.64			0.001	
					1283.6
19	32.73	406.1	0.381	0.005	458.6
	1056.1	33.9	0.357	0.003	333.0
	167.0	1233.1	0.379	0.002	293.5
	1407.9	0.156	0.369	0.004	292.8
	8.14		0.299	0.027	358.0
85.119	2.66			0.002	
					1308.7
20	32.79	406.2	0.380	0.001	480.8
	983.2	34.4	0.378	0.004	348.7
	162.0	1237.5	0.382	0.002	293.6
	1407.6	0.156	0.371	0.005	292.8
	8.15		0.296	0.001	356.5
90.119	2.74			0.002	
					1317.9
21	33.04	406.8	0.382	0.007	513.2
	980.7	33.9	0.383	0.004	350.8
	162.0	1242.3	0.382	0.004	292.1
	1414.9	0.158	0.372	0.001	292.7
	8.17		0.293	-0.001	358.3
95.119	2.74			0.002	
					1369.2
22	32.19	404.3	0.384	0.007	546.0
	924.5	34.5	0.376	0.003	357.2
	154.5	1237.7	0.378	0.002	293.6
	1412.9	0.150	0.372	0.002	292.4
	8.16		0.292	0.001	361.9
100.119	2.75			0.002	
					1416.8

					31
23	32.72	404.3	0.380	0.005	580.7
	911.0	34.6	0.370	0.005	363.6
	153.8	1232.3	0.376	0.004	292.2
	1418.1	0.156	0.376	0.004	292.0
	8.18		0.292	0.005	359.8
105.119	2.73			0.003	
					1399.4
24	32.36	407.4	0.378	0.001	616.6
	935.8	34.6	0.372	0.002	368.1
	156.0	1229.2	0.393	0.004	292.9
	1411.6	0.153	0.378	0.002	292.0
	8.12		0.292	0.005	362.4
110.119	2.76			0.003	
					1369.0
25	32.64	407.7	0.383	-0.000	651.8
	914.6	34.6	0.365	0.003	374.1
	154.8	1229.4	0.389	0.004	293.8
	1413.6	0.156	0.375	0.007	292.0
	8.15		0.296	0.023	362.5
115.119	2.75			0.003	
					1412.7
26	31.97	408.4	0.381	0.006	702.2
	965.5	34.7	0.374	0.003	381.3
	155.1	1228.0	0.379	0.003	293.9
	1418.1	0.150	0.375	0.001	292.6
	8.08		0.294	-0.001	361.6
120.119	2.69			0.003	
					1415.5
27	31.77	408.8	0.377	0.001	765.2
	987.7	34.7	0.370	0.003	388.2
	153.8	1230.9	0.382	0.005	294.1
	1416.6	0.147	0.373	0.006	292.8
	8.20		0.295	-0.002	361.7
125.119	2.53			0.003	
					1423.3
28	32.47	409.1	0.378	0.001	823.1
	943.1	34.8	0.374	0.005	397.2
	155.7	1227.2	0.385	0.006	294.3
	1416.9	0.154	0.369	0.002	292.8
	8.18		0.294	-0.002	361.6
130.119	2.70			0.003	
					1415.9

					31
29	32.38	409.6	0.397	0.002	910.3
	976.1	33.0	0.375	0.003	607.1
	160.7	1227.4	0.388	-0.002	294.6
	1415.9	0.154	0.383	0.003	292.8
	8.17		0.292	0.004	362.1
135.119	2.79			0.003	
					1364.0
30	31.73	410.2	0.382	0.001	1018.5
	1027.5	34.3	0.371	0.006	418.3
	160.7	1224.7	0.383	-0.005	294.9
	1431.6	0.148	0.386	0.004	292.8
	8.12		0.294	0.002	365.7
140.119	2.76			0.001	
					1211.0
31	31.94	410.2	0.376	0.001	1140.4
	1162.5	34.8	0.367	0.005	430.7
	156.5	1222.5	0.386	0.004	294.0
	1419.1	0.150	0.378	0.001	293.0
	8.17		0.304	0.003	371.6
145.119	2.79			0.003	
					1474.2
32	31.03	404.2	0.383	0.005	1393.5
	978.3	34.9	0.391	0.004	430.1
	157.6	1229.7	0.382	0.001	293.3
	1412.1	0.141	0.378	0.007	292.4
	8.09		0.300	0.002	374.5
150.119	2.83			0.002	
					1464.8
33	32.17	407.2	0.390	0.003	1516.0
	941.2	34.4	0.357	0.003	477.6
	156.7	1222.3	0.381	0.003	292.5
	1426.4	0.152	0.377	0.003	292.7
	8.16		0.294	0.000	377.5
155.119	2.84			0.003	
					1469.1
34	31.84	410.9	0.368	-0.002	9999.9
	954.4	35.0	0.374	0.005	493.5
	156.7	1218.4	0.386	0.004	294.3
	1425.9	0.150	0.379	0.003	291.2
	8.13		0.292	0.007	383.4
160.119	2.83			0.003	
					1487.8

					31
35	32.36	411.3	0.385	0.004	9999.9
	940.9	34.9	0.378	0.005	506.9
	156.0	1215.3	0.390	0.010	294.6
	1422.4	0.155	0.381	0.007	293.4
	8.02		0.300	0.001	388.0
165.119	2.82			0.003	
					1467.0
36	32.24	411.6	0.384	0.001	9999.9
	962.7	34.5	0.379	-0.001	518.4
	156.0	1220.3	0.383	0.005	296.5
	1420.9	0.153	0.380	-0.005	293.5
	8.25		0.299	0.002	393.5
170.119	2.66			0.001	
					1493.5
37	29.86	411.9	0.383	0.014	9999.9
	1038.2	33.8	0.380	0.003	548.2
	156.7	1219.2	0.390	0.004	297.1
	1428.1	0.131	0.376	0.002	293.7
	8.16		0.300	-0.005	396.9
175.119	2.75			-0.001	
					1469.0
38	32.15	412.5	0.396	0.004	9999.9
	947.1	35.0	0.380	0.001	576.5
	157.6	1216.7	0.392	0.010	297.9
	1421.1	0.153	0.389	0.004	293.9
	8.16		0.296	-0.003	398.7
180.119	2.83			-0.001	
					1487.9
39	32.62	413.1	0.387	0.009	9999.9
	990.2	34.5	0.376	0.005	609.1
	162.3	1216.5	0.388	0.004	298.6
	1426.4	0.157	0.389	0.004	296.1
	8.20		0.297	-0.001	407.1
185.119	2.81			0.003	
					1491.7
40	30.56	413.3	0.387	0.002	9999.9
	981.1	35.1	0.374	0.005	645.8
	156.0	1211.5	0.392	0.002	298.2
	1423.1	0.139	0.385	0.002	296.4
	8.22		0.309	0.007	413.6
190.119	2.81			0.002	
					1186.2

					31
41	30.79	413.7	0.392	0.003	9999.9
	983.0	35.1	0.393	0.004	683.4
	157.6	1214.5	0.397	0.006	299.9
	1414.1	0.140	0.383	0.004	293.9
	8.15		0.306	0.003	416.0
195.119	2.82			0.003	
					1503.2
42	30.94	414.0	0.392	0.001	9999.9
	965.5	35.2	0.393	0.000	743.0
	157.0	1219.1	0.394	0.004	300.8
	1417.1	0.141	0.384	0.001	294.7
	8.17		0.304	-0.000	418.9
200.119	2.85			0.004	
					1484.4
43	32.35	408.8	0.395	0.003	9999.9
	939.0	35.2	0.382	0.007	940.0
	157.3	1214.5	0.379	0.003	300.5
	1431.4	0.155	0.384	0.004	295.1
	8.16		0.300	0.021	424.5
205.119	2.87			0.003	
					1513.7
44	32.03	411.0	0.389	0.001	0.0
	963.4	35.3	0.383	0.006	1163.5
	156.7	1211.6	0.401	0.005	303.0
	1431.9	0.152	0.388	0.001	296.6
	8.07		0.303	-0.002	429.7
210.119	2.82			0.003	
					1523.1
45	31.79	410.5	0.394	0.004	9999.9
	948.8	35.3	0.378	0.004	9999.9
	157.6	1211.1	0.406	0.002	304.2
	1428.6	0.150	0.387	0.002	294.7
	8.21		0.304	0.001	434.4
215.119	2.88			0.004	
					1507.0
46	31.88	414.4	0.396	0.000	9999.9
	984.5	34.8	0.387	0.008	9999.9
	157.3	1210.9	0.386	0.002	305.9
	1430.1	0.151	0.390	-0.001	296.3
	8.04		0.307	0.001	439.3
220.119	2.79			0.003	
					1543.5

					31							31
47	32.00	414.7	0.394	0.015	9999.9		59		7.3	0.003	0.000	9999.9
	958.2	35.3	0.380	0.001	9999.9				2.5	0.001	-0.000	0.0
	156.3	1205.7	0.388	0.001	307.2			0.5	1198.8	0.004	-0.002	328.1
	1432.6	0.153	0.388	-0.001	295.7			144.5		-0.009	-0.001	303.1
	8.16		0.305	0.000	445.4			8.10		0.003	-0.000	500.7
225.119	2.80			0.004			285.119	0.13			0.000	
					1543.3							0.0
48	32.48	414.8	0.389	0.002	9999.9		60		7.3	0.021	0.001	1239.1
	965.5	34.8	0.384	0.001	9999.9				3.2	0.001	-0.000	0.0
	156.7	1207.4	0.390	0.004	308.5			0.5	1197.9	0.005	-0.000	329.5
	1429.9	0.157	0.387	-0.001	297.1			144.5		0.004	-0.000	303.8
	8.15		0.308	0.004	451.5			8.13		-0.000	0.000	499.9
230.119	2.72			0.000			290.119	0.12			0.000	
					1545.5							0.0
49	32.15	415.3	0.394	0.001	9999.9		61	0.00	7.6	0.015	0.000	885.7
	1043.2	35.3	0.388	0.000	9999.9				4.0	-0.003	0.000	0.0
	166.7	1206.4	0.393	0.008	309.9			0.5	1195.9	0.001	0.000	330.8
	1433.4	0.154	0.381	0.009	297.0			143.5		0.007	-0.001	304.5
	8.20		0.305	-0.010	456.6			8.20		0.000	-0.000	501.9
235.119	2.88			-0.003			295.119	0.13			0.000	
					1557.2							0.0
						ARC POWER OFF						
50	32.30	412.3	0.393	0.001	0.0		52	0.00	7.9	0.007	-0.001	586.3
		19.1	0.371	0.001	0.0				4.9	-0.009	0.000	0.0
	0.8	1203.8	0.382	-0.001	311.4			-0.2	1192.3	-0.001	0.001	332.2
	2.2	0.156	0.379	0.003	297.7			144.5		-0.002	0.000	305.4
	8.16		0.287	0.000	457.9			8.13		0.008	-0.000	505.0
240.119	2.86			0.001			300.119	0.16			0.000	
					1230.5							0.0
51	2.98	29.0	0.046	0.001	9999.9		53	3.93	8.4	0.006	-0.000	295.3
		1.0	0.028	0.002	0.0				6.7	-0.001	0.000	0.0
	0.8	1206.0	0.035	0.000	313.4			-1.1	1191.1	0.003	0.000	333.5
	1.0	0.001	0.038	0.000	298.3			144.2		-0.004	0.005	306.2
	8.13		0.029	0.001	469.3			8.08		0.010	0.001	503.8
245.119	2.43			0.000			305.119	0.18			0.000	
					0.0							0.0
52		19.8	0.014	0.001	9999.9		54		9.6	0.007	0.000	0.0
		0.6	0.005	0.001	0.0				8.1	0.012	-0.000	0.0
	1.4	1198.9	0.011	-0.000	315.2			2.0	1196.6	0.003	0.001	336.0
	1.2		0.003	0.005	299.0			144.5		-0.004	-0.001	307.0
	8.16		0.016	0.001	476.7			8.15		0.006	0.001	502.6
250.119	1.27			0.000			310.119	0.17			0.000	
					0.0							0.0
					31							31
53	4.25	20.5	0.012	0.001	9999.9		65	2.43	10.0	0.008	0.000	0.0
		0.7	0.015	0.001	0.0				8.4	0.009	0.000	0.0
	2.4	1208.1	0.006	-0.001	317.5			2.0	1199.3	0.002	0.000	339.6
	144.2		-0.001	-0.000	299.4			144.5	0.001	-0.005	-0.001	308.0
	8.14		0.006	0.000	481.0			8.18		0.004	-0.002	502.5
255.119	0.69			0.000			315.119	0.17			0.000	
					0.0							0.0
54	2.98	10.3	0.010	0.001	9999.9		66	2.42	9.9	0.009	0.000	0.0
		0.4	0.002	0.000	0.0				8.4	0.001	-0.000	0.0
	1.7	1204.7	-0.002	-0.003	319.7			1.1	1194.0	-0.005	-0.000	342.9
	142.2	0.001	-0.002	-0.000	300.1			142.7	0.001	-0.006	-0.001	308.9
	8.12		0.003	-0.001	486.9			8.96		0.002	-0.001	502.4
260.119	0.44			0.000			320.119	0.17			0.000	
					0.0							0.0
55		7.0	0.006	0.001	9999.9		67		9.8	0.003	-0.000	0.0
		0.4	0.001	0.001	0.0				8.4	0.000	0.001	0.0
	1.4	1202.3	0.015	0.000	321.3			0.8	1190.6	0.003	0.000	345.5
	143.5		-0.001	-0.001	300.6			143.0		-0.003	-0.000	309.8
	8.19		0.003	-0.000	492.4			8.12		0.001	-0.000	502.1
265.119	0.29			0.000			325.119	0.15			0.000	
					0.0							0.0
56		6.9	0.010	0.001	9999.9		68	1.71	9.5	0.005	0.001	0.0
		0.4	0.003	0.001	0.0				8.4	0.000	0.001	0.0
	0.5	1201.5	0.012	0.001	323.4			1.1	1189.1	0.014	-0.002	347.9
	143.2		-0.001	-0.000	301.1			143.2	0.000	-0.005	-0.001	310.8
	8.14		0.005	-0.000	495.1			8.19		0.003	-0.000	500.8
270.119	0.21			0.000			330.119	0.16			0.000	
					0.0							0.0
57		7.3	0.008	0.000	9999.9		69	1.71	10.0	0.007	0.000	0.0
		0.9	0.002	0.000	0.0				8.4	0.001	-0.000	0.0
	1.1	1201.0	0.004	0.001	325.2			0.8	1187.9	0.006	0.000	350.2
	143.2		-0.002	-0.000	301.7			143.2	0.000	-0.004	-0.000	311.5
	8.17		0.005	-0.001	498.0			8.15		0.004	0.001	499.8
275.119	0.16			0.000			335.119	0.16			-0.000	0.0
					0.0							527.0
												0.0
58	0.00	7.3	0.003	-0.000	9999.9		70		10.0	0.006	0.000	0.0
		1.7	-0.003	0.000	0.0				8.4	-0.002	0.000	0.0
	0.2	1200.8	0.003	0.001	326.6			0.5	1188.6	0.002	0.000	352.0
	143.7		-0.006	-0.001	302.3			143.2		-0.005	-0.001	312.4
	8.13		0.004	-0.001	500.3			8.15		0.002	0.001	499.5
280.119	0.14			0.000			340.119	0.15			-0.000	
					0.0							0.0

					31
71.	2.42	9.9	0.001	-0.000	0.0
		8.4	-0.004	0.000	0.0
	-0.2	1188.6	0.002	0.000	353.7
	143.2	0.001	-0.007	-0.001	313.5
	8.13		0.002	-0.000	499.1
345.119	0.13			0.000	
					0.0
72.		10.3	-0.001	0.000	0.0
		8.4	-0.002	0.000	0.0
	0.2	1187.2	0.002	0.000	355.1
	143.4		-0.010	-0.001	314.3
	8.10		0.002	-0.000	498.0
350.119	0.12			0.000	
					0.0
73.		10.3	0.012	0.001	0.0
		8.3	0.001	-0.000	0.0
	0.5	1185.9	0.003	0.000	356.2
	144.5		-0.005	-0.001	315.2
	8.05		0.001	0.000	495.5
355.119	0.12			0.000	
					0.0
74.	1.71	10.3	0.022	0.001	0.0
		8.3	0.001	-0.000	0.0
	-0.2	1186.1	0.003	0.000	357.8
	143.7	0.000	0.007	-0.001	316.2
	8.21		-0.001	-0.000	494.2
360.119	0.12			-0.000	
					0.0
75.	0.00	10.7	0.013	-0.000	0.0
		8.3	-0.004	-0.000	0.0
	-0.8	1183.7	0.000	-0.001	358.5
	143.5	0.000	0.005	-0.001	317.1
	8.17		0.002	-0.000	496.1
365.119	0.13			-0.000	
					0.0
76.	0.00	10.6	0.007	-0.001	0.0
		8.4	-0.006	0.000	0.0
	0.2	1180.0	0.002	-0.000	359.2
	144.2	0.000	-0.002	-0.001	318.1
	8.17		0.012	-0.001	496.5
370.119	0.11			-0.000	
					0.0
					31
77.	0.00	10.8	0.008	-0.000	0.0
		8.4	0.008	0.001	0.0
	0.5	1183.9	0.004	0.000	360.3
	144.0	0.000	-0.004	-0.001	319.0
	8.13		0.008	-0.001	493.1
375.119	0.12			-0.000	
					0.0
78.	0.00	10.7	0.008	-0.000	0.0
		8.3	0.011	-0.000	0.0
	1.4	1188.4	0.002	0.000	361.0
	144.0	0.000	-0.006	-0.001	319.9
	8.13		0.003	0.000	491.1
380.119	0.12			0.000	
					0.0
79.	0.00	11.0	0.010	0.002	0.0
		8.4	0.001	0.001	0.0
	-0.2	1183.7	-0.004	0.000	361.9
	142.7	0.000	-0.005	-0.001	320.7
	8.19		0.002	-0.001	489.7
385.119	0.12			-0.000	
					0.0
80.	2.41	11.0	0.006	0.000	0.0
		8.4	-0.000	0.000	0.0
	0.5	1180.5	-0.003	-0.001	362.3
	142.5	0.001	-0.004	-0.000	321.7
	8.09		0.002	-0.001	488.6
390.119	0.12			0.000	
					0.0
81.	-0.00	10.7	0.003	0.000	0.0
		8.4	0.000	0.000	0.0
	0.5	1179.3	0.008	-0.000	362.7
	143.2		-0.002	-0.001	322.5
	8.18		0.002	0.000	487.4
395.119	0.11			0.000	
					0.0
82.	2.41	10.7	0.005	0.000	0.0
		8.3	-0.001	0.001	0.0
	0.2	1178.4	0.015	-0.000	363.3
	143.0	0.001	-0.006	-0.001	323.4
	8.13		0.003	-0.001	485.4
400.119	0.12			0.000	
					0.0

					31
83.	0.00	10.8	0.007	0.000	0.0
		8.4	0.002	0.000	0.0
	0.2	1176.6	0.006	-0.001	363.8
	143.2	0.000	-0.004	0.010	324.1
	8.18		0.003	0.001	483.3
405.119	0.11			0.000	
					0.0
84.	0.00	10.8	0.005	0.000	0.0
		8.4	-0.003	0.000	0.0
	-0.2	1177.9	0.002	-0.000	364.2
	143.5	0.000	-0.005	-0.001	325.0
	8.05		0.002	0.001	482.7
410.119	0.11			0.000	
					0.0
85.	0.00	11.2	-0.001	-0.000	0.0
		8.4	-0.003	-0.000	0.0
	-0.2	1176.9	0.003	0.000	364.6
	143.2	0.000	-0.010	-0.000	325.8
	8.18		0.003	0.001	481.0
415.119	0.09			0.000	
					0.0
86.	1.70	11.2	0.017	0.003	0.0
		8.3	-0.002	0.000	0.0
	-0.2	1176.4	0.004	0.000	365.0
	144.2	0.000	-0.003	0.000	326.8
	8.83		-0.000	-0.001	478.0
420.119	0.10			0.000	
					0.0
87.	3.40	11.5	0.016	0.001	0.0
		8.3	-0.004	0.000	0.0
	-0.5	1174.7	0.000	-0.000	365.5
	143.2	0.002	0.005	-0.001	327.4
	8.18		-0.002	-0.001	477.2
425.119	0.10			0.000	
					0.0
88.	3.39	11.7	0.007	-0.000	0.0
		8.3	-0.009	0.000	0.0
	0.2	1171.3	0.000	-0.005	365.6
	144.0	0.002	-0.001	-0.001	328.2
	8.14		0.007	-0.001	479.3
430.119	0.10			-0.000	
					0.0
					31
89.	2.40	11.7	0.005	-0.000	0.0
		8.3	0.003	0.001	0.0
	-0.2	1171.3	0.004	-0.001	366.0
	-0.2	0.001	-0.005	-0.001	329.0
	8.12		0.009	-0.001	476.1
435.119	0.10			-0.000	
					0.0
90.	2.41	11.8	0.006	-0.000	0.0
		8.3	0.011	0.000	0.0
	1.4	1178.4	0.001	-0.000	366.3
	-4.2	0.001	-0.006	-0.000	329.8
	8.13		0.002	-0.000	473.2
440.119	0.11			0.000	
					0.0
91.	2.40	11.8	0.008	0.000	0.0
		8.3	0.002	-0.000	0.0
	0.5	1175.9	-0.004	0.000	366.5
	3.0	0.001	-0.007	-0.001	330.5
	8.16		0.001	0.001	471.6
445.119	0.11			0.000	
					0.0
92.	2.94	12.0	0.007	0.001	0.0
		8.4	-0.001	0.001	0.0
	0.2	1172.3	-0.003	-0.000	366.6
	-0.5	0.001	-0.005	-0.001	331.2
	8.22		0.002	0.001	470.4
450.119	0.10			0.000	
					0.0
93.	2.94	11.7	0.003	0.000	0.0
		8.4	-0.002	0.000	0.0
	0.8	1170.0	0.006	-0.001	366.5
	-1.7	0.001	-0.005	-0.001	331.9
	8.16		0.000	-0.001	468.9
455.119	0.10			0.000	
					0.0
94.	0.00	11.5	0.003	0.000	0.0
		8.4	-0.001	0.000	0.0
	-0.2	1169.1	0.014	0.000	366.6
	0.0	0.000	-0.005	-0.000	332.7
	8.15		0.000	0.001	467.1
460.119	0.10			0.000	
					0.0

					31
95	1.69	12.0	0.006	0.000	0.0
		8.3	-0.000	0.000	0.0
	-0.2	1168.1	0.010	0.000	367.0
	-3.0	0.000	-0.005	-0.001	333.2
	8.18		0.002	0.000	464.6
455.119	0.10			0.000	
					0.0
96	0.00	12.2	0.007	0.000	0.0
		8.4	-0.000	-0.000	0.0
	0.2	1167.9	0.003	0.000	367.0
	-3.7	0.000	-0.005	-0.001	333.8
	8.16		0.002	-0.000	463.2
470.119	0.10			-0.000	
					0.0
97		12.2	0.001	-0.001	0.0
		8.3	-0.005	-0.000	0.0
	-2.0	1167.9	0.002	0.000	367.1
	-1.5		-0.007	-0.001	334.5
	8.18		0.002	-0.002	462.4
475.119	0.09			0.000	
					0.0
98	1.69	12.6	0.005	0.000	0.0
		8.4	-0.002	-0.000	0.0
	-0.2	1167.1	0.001	-0.000	367.3
	-2.2	0.000	-0.010	-0.001	335.2
	8.11		0.001	0.001	460.2
480.119	0.08			-0.000	
					0.0
99	2.93	12.5	0.019	0.001	0.0
		8.3	-0.001	-0.000	0.0
	-1.1	1166.8	0.003	-0.000	367.4
	-4.0	0.001	0.000	-0.000	335.8
	8.12		-0.001	-0.002	457.4
485.119	0.09			0.000	
					0.0
100	1.69	12.8	0.020	0.001	0.0
		8.3	-0.002	0.000	0.0
	-0.8	1165.6	0.001	-0.000	367.8
	-2.2	0.000	0.004	0.000	336.4
	8.16		-0.003	0.001	456.3
490.119	0.08			0.000	
					0.0

					31
101	3.38	13.2	0.018	0.000	0.0
		8.3	-0.002	0.000	0.0
	-0.2	1165.2	0.001	-0.001	367.7
	-3.5	0.002	0.005	-0.001	337.1
	8.03		-0.002	-0.001	455.7
495.119	0.08			0.000	
					0.0
102	2.39	13.4	0.013	0.000	0.0
		8.3	-0.004	0.000	0.0
	-0.5	1163.9	-0.001	-0.000	367.7
	-4.0	0.001	0.004	-0.001	337.6
	8.19		-0.001	-0.000	455.2
500.119	0.08			-0.000	
					0.0
103	2.92	13.5	0.008	-0.001	0.0
		8.4	-0.008	0.000	0.0
	-0.2	1161.5	-0.001	-0.000	367.5
	-2.7	0.001	-0.002	-0.001	338.2
	8.08		0.005	-0.001	456.1
505.119	0.08			-0.000	
					0.0
104	4.13	13.4	0.007	-0.001	0.0
	-167.8	8.4	-0.007	0.000	0.0
	-0.2	1159.8	0.002	-0.000	367.6
	-4.5	0.003	-0.005	-0.001	338.8
	8.20		0.010	-0.000	454.9
510.119	0.08			-0.000	
					0.0
105	3.78	13.6	0.006	-0.000	0.0
		8.3	0.007	0.000	0.0
	1.1	1163.5	0.003	0.000	367.8
	-3.5	0.002	-0.006	-0.001	339.3
	8.11		0.007	-0.001	451.5
515.119	0.08			0.000	
					0.0
106	2.93	14.0	0.007	0.000	0.0
		8.3	0.010	-0.000	0.0
	1.1	1167.8	0.001	0.000	367.8
	-4.2	0.001	-0.007	-0.001	339.8
	8.21		0.002	-0.000	449.3
520.119	0.08			0.000	
					0.0

					31
107	2.93	14.1	0.008	0.000	0.0
		8.3	0.001	0.000	0.0
	0.8	1164.1	-0.004	-0.000	367.8
	-5.0	0.001	-0.007	-0.001	340.3
	8.22		0.001	-0.001	447.9
525.119	0.09			0.000	
					0.0
108	2.39	14.1	0.002	-0.000	0.0
		8.4	-0.001	0.000	0.0
	1.7	1160.5	0.002	-0.000	367.7
	-5.5	0.001	-0.005	-0.000	340.9
	8.06		0.000	-0.001	446.8
530.119	0.09			0.000	
					0.0
109	2.92	14.0	0.003	0.000	0.0
		8.4	-0.002	0.000	0.0
	1.7	1160.0	0.013	0.000	367.6
	-6.5	0.001	-0.005	-0.000	341.3
	8.15		0.001	-0.000	445.7
535.119	0.08			0.000	
					0.0
110	2.38	14.2	0.005	0.000	0.0
		8.4	-0.001	0.001	0.0
	1.4	1158.5	0.013	-0.000	367.8
	-3.7	0.001	-0.005	-0.000	341.8
	8.18		0.001	0.000	443.6
540.119	0.09			0.000	
					0.0
111	3.37	14.4	0.007	0.000	0.0
		8.4	0.000	0.001	0.0
	1.4	1158.0	0.009	-0.000	367.8
	-3.7	0.002	-0.005	-0.001	342.1
	8.10		0.002	-0.000	442.1
545.119	0.09			-0.000	
					0.0
112	3.77	14.8	0.006	0.000	0.0
		8.4	0.000	-0.000	0.0
	1.4	1158.1	0.004	0.000	367.9
	-3.7	0.002	-0.005	-0.001	342.6
	8.22		0.002	0.000	440.9
550.119	0.08			0.000	
					0.0

					31
113	2.92	15.0	0.001	-0.001	0.0
		8.4	-0.004	0.000	0.0
	0.8	1158.1	0.002	0.000	367.9
	-6.0	0.001	-0.008	-0.001	343.1
	8.16		0.003	-0.000	440.2
555.119	0.08			0.000	
					0.0
114	3.77	15.2	0.007	0.001	0.0
		8.3	-0.000	-0.000	0.0
	1.1	1156.9	0.003	-0.000	367.8
	-3.2	0.002	-0.009	-0.001	343.5
	8.13		0.001	0.002	438.0
560.119	0.07			0.000	
					0.0
115	3.77	15.7	0.020	0.001	0.0
		8.3	-0.002	0.000	0.0
	0.8	1156.6	0.002	0.000	367.9
	-3.2	0.002	0.004	0.002	343.9
	8.18		-0.003	-0.001	435.9
565.119	0.08			-0.000	
					0.0
116	2.91	16.5	0.008	-0.000	0.0
		8.3	-0.008	0.000	0.0
	1.1	1153.4	-0.001	-0.000	368.1
	-2.5	0.001	-0.001	-0.001	344.3
	8.09		0.004	0.001	438.8
570.119	0.07			-0.000	
					0.0
117	4.76	16.3	0.006	0.000	0.0
		8.3	0.001	0.000	0.0
	1.4	1153.4	0.003	0.000	367.9
	-2.0	0.004	-0.005	-0.001	344.8
	8.15		0.009	-0.001	436.7
575.119	0.07			-0.000	
					0.0
118	2.92	16.6	0.007	-0.001	0.0
		8.3	0.011	0.000	0.0
	2.0	1161.0	0.002	0.000	367.9
	-4.0	0.001	-0.007	-0.001	345.1
	8.13		0.002	0.002	433.8
580.119	0.08			0.000	
					0.0

2-MW PJ FACILITY CONCRETE SAMPLE TEST NO 188 - RUN NO. 32

POINT NO / TIME SEC	FAC. OPERATING PARAMETERS: GAS FLO-G/S; ENTHALPY-CAL/G; CURRENT-AMPS; VOLTS; WATER FLO-L/S; WATER DT-DEG K	PRES-N/CM 2	PROBE I PRESS N/CM 2	PROBE I HEAT FLUX KW/CM 2	MODEL TEMP DEG K
		HEATER MAN	1	1	TC-1
		ARC CHAMB	2	2	TC-2
		VENTURI	3	3	TC-3
		VENTURI DP	4	4	TC-4
			5	5	TC-5
				6	TC-6
					TC-7
					PYROM I
1	32.09	391.2	0.000	0.923	300.7
	1870.8	39.2	0.000	0.339	0.0
	579.2	1152.4	0.000	0.302	294.0
	1032.0	0.161	0.000	0.254	293.9
	8.17		0.000	0.195	0.0
0.119	10.15			0.057	
					0.0
2	32.11	391.7	-0.005	0.923	304.0
	1869.4	38.6	-0.018	0.328	295.3
	582.4	1150.5	-0.004	0.295	294.1
	1030.8	0.161	0.007	0.250	293.8
	8.10		-0.005	0.220	290.4
5.119	10.31			0.055	
					0.0
3	31.68	391.6	0.161	0.923	307.5
	1813.6	39.2	1.618	0.335	295.8
	577.3	1148.5	2.237	0.294	294.0
	1031.5	0.157	1.662	0.253	293.9
	8.17		0.261	0.213	291.8
10.119	10.40			0.054	
					0.0
4	26.43	388.0	0.298	0.923	325.8
	2150.3	37.8	0.412	0.017	297.1
	591.2	1143.1	0.445	0.017	299.1
	1009.8	0.110	0.408	0.011	299.3
	8.21		0.253	0.015	811.2
15.119	10.46			0.011	
					1297.2
					32
5	29.60	387.3	0.304	0.923	327.2
	1886.3	39.3	0.331	0.009	291.1
	578.0	1147.8	0.330	0.007	295.7
	1020.8	0.137	0.233	0.008	291.6
	8.12		0.247	0.002	455.6
20.119	10.50			0.001	
					1449.7
6	32.39	387.2	0.316	0.923	351.6
	1771.9	38.2	0.334	0.007	296.3
	579.2	1155.3	0.325	0.009	292.6
	1030.3	0.163	0.322	0.004	294.9
	8.09		0.245	0.004	358.3
25.119	10.54			0.004	
					1546.5
7	31.94	388.3	0.321	0.923	387.5
	1799.3	39.3	0.329	0.007	299.9
	578.6	1158.0	0.326	0.009	293.1
	1025.0	0.158	0.328	0.006	296.3
	7.99		0.244	-0.001	340.5
30.119	10.55			0.004	
					1570.2
8	32.54	391.6	0.327	0.923	406.1
	1764.9	39.4	0.317	0.010	308.0
	578.3	1156.8	0.321	0.010	294.9
	1029.8	0.165	0.325	0.003	294.6
	8.07		0.245	0.012	337.7
35.119	10.53			0.003	
					1570.4
9	32.67	391.6	0.314	0.923	424.2
	1707.9	39.4	0.321	0.016	313.4
	577.7	1153.1	0.319	0.006	293.4
	1026.3	0.166	0.330	0.003	294.5
	8.15		0.246	0.001	341.9
40.119	10.54			0.004	
					1583.1
10.	32.34	391.5	0.325	0.923	484.2
	1760.3	39.4	0.311	0.000	319.9
	576.7	1151.9	0.319	0.002	294.3
	1031.8	0.163	0.324	0.004	294.5
	8.08		0.244	0.003	361.6
45.119	10.56			0.005	
					1595.6

PROBE OUT

MODEL IN

					32
11	32.13	391.8	0.318	0.923	632.4
	1764.4	39.4	0.316	0.004	327.9
	577.3	1152.2	0.318	0.006	295.1
	1033.0	0.161	0.331	0.003	294.4
	8.11		0.247	-0.001	383.0
50.119	10.60			0.005	
					1570.1
12	31.76	392.1	0.325	0.923	917.0
	1805.9	39.5	0.317	0.005	338.2
	577.0	1150.9	0.319	0.005	293.8
	1035.5	0.157	0.327	0.002	294.3
	8.04		0.247	-0.001	400.2
55.119	10.63			0.006	
					1582.7
13	32.29	391.6	0.322	0.923	9999.9
	1704.6	39.5	0.305	0.009	355.2
	577.0	1148.3	0.333	0.003	293.8
	1023.5	0.163	0.331	0.003	294.3
	8.16		0.246	0.000	417.9
60.119	10.56			0.006	
					1564.9
14	32.67	390.5	0.322	0.923	9999.9
	1724.5	39.5	0.325	-0.011	377.9
	576.7	1147.5	0.334	0.006	295.9
	1034.0	0.167	0.332	0.004	293.6
	8.15		0.246	0.009	465.3
65.119	10.50			0.006	
					1539.8
15	31.89	392.3	0.327	0.923	9999.9
	1782.5	39.6	0.317	0.006	400.3
	575.1	1147.8	0.334	0.008	297.0
	1032.5	0.159	0.327	0.000	294.2
	8.02		0.250	-0.001	483.1
70.119	10.63			0.006	
					1494.8
16	31.30	388.9	0.322	0.923	9999.9
	1817.5	39.1	0.319	-0.003	404.3
	576.4	1147.1	0.329	0.005	298.1
	1037.8	0.154	0.331	0.004	294.1
	8.09		0.250	0.004	488.4
75.119	10.64			0.007	
					1545.3
					32
17	31.39	392.7	0.322	0.923	9999.9
	1780.2	39.6	0.306	0.010	427.4
	575.4	1147.0	0.323	0.000	299.5
	1033.8	0.154	0.329	0.003	294.1
	8.09		0.244	-0.003	476.3
80.119	10.67			0.005	
					1536.5
18	31.71	392.9	0.320	0.923	9999.9
	1797.1	39.6	0.311	0.005	500.3
	575.8	1147.6	0.321	0.005	301.8
	1036.5	0.157	0.320	0.006	294.1
	8.03		0.246	0.011	467.2
85.119	10.68			0.005	
					1507.8
19	31.62	393.4	0.314	0.923	9999.9
	1818.4	39.7	0.299	0.002	665.9
	574.8	1147.5	0.311	0.007	304.4
	1039.0	0.157	0.319	0.003	294.2
	8.02		0.246	0.008	477.5
90.119	10.64			0.004	
					1506.3
20.	31.22	393.4	0.312	0.923	9999.9
	1765.9	39.7	0.307	0.007	1209.2
	574.8	1147.3	0.325	0.006	309.5
	1035.0	0.153	0.323	0.005	294.3
	8.14		0.248	0.019	524.2
95.119	10.71			0.005	
					1506.4
21	32.32	393.9	0.316	0.923	9999.9
	1707.0	39.2	0.316	0.002	9999.9
	575.1	1147.0	0.321	0.001	314.4
	1035.3	0.164	0.322	0.003	294.3
	8.13		0.250	0.000	635.7
100.119	10.72			0.006	
					1502.0
22	31.37	394.1	0.324	0.923	0.0
	1844.0	39.7	0.315	-0.002	9999.9
	583.6	1145.6	0.325	0.005	320.4
	1037.3	0.154	0.326	0.005	294.4
	8.16		0.247	0.003	799.7
105.119	10.64			0.005	
					1496.9

					32
23	30.18	394.9	0.334	0.923	9999.9
	1849.7	39.7	0.321	0.006	9999.9
	574.8	1145.6	0.322	0.005	327.8
	1037.3	0.143	0.338	0.005	294.4
	8.12		0.243	0.007	1282.0
110.119	10.68			0.003	
					1505.8
24	29.85	395.5	0.323	0.923	9999.9
	1839.7	39.8	0.307	0.010	9999.9
	575.8	1144.8	0.325	0.007	336.8
	1036.0	0.140	0.335	0.007	294.5
	8.13		0.247	0.019	1293.4
115.119	10.79			0.005	
					1550.5
25	30.34	395.9	0.328	0.923	9999.9
	1806.7	39.8	0.296	-0.001	9999.9
	573.6	1143.4	0.324	0.005	348.0
	1041.8	0.145	0.338	0.006	294.8
	8.13		0.248	-0.005	1293.4
120.119	10.83			0.006	
					1559.2
26	31.67	392.6	0.335	0.923	9999.9
	1742.4	39.2	0.313	0.007	9999.9
	573.9	1144.2	0.322	0.006	361.6
	1041.0	0.157	0.338	0.005	294.9
	8.07		0.247	0.000	1293.4
125.119	10.86			0.006	
					1589.2
27	31.27	396.5	0.330	0.923	9999.9
	1734.9	39.8	0.313	0.010	9999.9
	573.9	1148.0	0.328	0.010	376.0
	1035.8	0.153	0.339	0.009	293.0
	8.12		0.243	0.007	1293.4
130.119	10.82			0.007	
					1599.6
28	31.93	395.1	0.335	0.923	9999.9
	1761.7	39.9	0.318	0.002	896.6
	580.5	1147.9	0.326	0.004	397.0
	1038.8	0.160	0.341	0.008	295.1
	8.11		0.243	0.004	1293.4
135.119	10.84			0.006	
					1547.9

					32
29	29.65	395.5	0.340	0.923	9999.9
	1843.3	39.9	0.320	0.007	9999.9
	573.6	1144.6	0.329	0.006	412.7
	1041.5	0.138	0.340	0.005	294.9
	8.13		0.247	0.008	1293.4
140.119	10.85			0.006	
					1608.8
30	31.19	397.5	0.337	0.923	9999.9
	1748.0	39.9	0.323	0.010	9999.9
	573.6	1145.1	0.327	0.007	420.0
	1042.8	0.153	0.343	0.006	295.4
	8.13		0.247	-0.009	1293.4
145.119	10.88			0.007	
					1509.7
31	29.75	397.6	0.342	0.923	9999.9
	1843.5	40.0	0.316	0.003	9999.9
	575.4	1144.4	0.330	0.009	439.5
	1042.3	0.139	0.341	0.007	295.5
	8.13		0.249	0.011	1293.4
150.119	10.90			0.006	
					1514.9
32	29.42	398.3	0.346	0.923	9999.9
	1870.8	39.5	0.320	0.001	492.4
	581.4	1144.8	0.336	0.009	515.7
	1036.8	0.136	0.334	0.007	295.8
	8.17		0.254	0.004	1293.4
155.119	10.91			0.006	
					1564.5
33	30.31	398.7	0.344	0.923	9999.9
	1866.9	39.5	0.324	0.010	9999.9
	575.8	1144.2	0.336	0.008	756.5
	1046.3	0.144	0.340	0.008	296.0
	7.99		0.253	0.006	1293.4
160.119	10.94			0.005	
					1537.5
34	30.72	399.3	0.344	0.923	9999.9
	1803.8	40.1	0.325	0.012	9999.9
	574.5	1144.2	0.339	0.007	1300.5
	1046.5	0.148	0.334	0.008	296.1
	8.07		0.255	-0.001	1293.4
155.119	10.95			0.005	
					1548.4

					32
35	29.44	399.7	0.338	0.923	9999.9
	1883.9	39.6	0.320	0.004	9999.9
	573.6	1142.4	0.334	0.006	1300.5
	1046.8	0.136	0.334	0.010	296.4
	8.06		0.258	-0.006	1293.4
170.119	10.94			0.006	
					1579.5
36	31.80	398.3	0.344	0.923	603.4
		18.5	0.334	0.002	1242.3
	-1.1	1150.7	0.344	0.003	1300.5
	-7.4	0.158	0.336	0.002	295.6
	8.11		0.259	0.003	1293.4
175.119	11.08			0.002	
					1223.4
37		41.4	0.296	0.923	0.0
		1.7	0.288	0.002	0.0
	-1.4	1155.9	0.298	0.003	1300.5
	-5.9		0.290	0.002	296.0
	8.09		0.224	0.001	1293.4
180.119	9.12			0.001	
					0.0
38		18.7	0.226	0.923	0.0
		0.8	0.224	0.001	0.0
	-2.0	1148.6	0.231	0.002	1300.5
	20.9		0.220	0.002	296.5
	8.02		0.172	0.001	1293.4
185.119	4.42			0.001	
					0.0
39		11.0	0.212	0.923	0.0
		0.6	0.211	0.001	0.0
	-1.7	1151.5	0.220	0.002	965.4
	22.9		0.212	0.001	297.1
	-8.15		0.166	0.001	1293.4
190.119	2.28			0.001	
					0.0
40		6.2	0.247	0.923	0.0
		0.5	0.242	0.001	0.0
	-3.0	1152.5	0.253	0.002	482.0
	-10.4		0.251	0.001	297.7
	8.03		0.193	-0.001	1293.4
195.119	1.35			0.001	
					0.0

					32
41		5.5	0.302	0.923	0.0
		0.5	0.292	0.001	0.0
	-2.4	1151.9	0.304	0.002	0.0
	-10.4		0.305	0.001	298.5
	8.08		0.232	-0.000	1293.4
200.119	0.91			0.001	
					0.0
42		5.7	0.055	0.923	0.0
		1.4	0.050	0.001	0.0
	-2.7	1150.7	0.055	0.002	0.0
	-10.9		0.057	0.003	299.5
	8.00		0.041	-0.001	1293.4
205.119	0.67			0.001	
					0.0
43		5.8	0.019	0.923	0.0
		2.3	0.013	0.001	0.0
	-2.7	1150.0	0.019	0.002	0.0
	-10.9		0.020	0.001	300.5
	8.14		0.013	0.003	1293.4
210.119	0.51			0.001	
					0.0
44		5.9	0.017	0.923	0.0
		3.3	0.010	0.001	0.0
	-3.0	1149.2	0.015	0.002	0.0
	-11.1		0.017	0.000	301.6
	8.16		0.009	0.000	1293.4
215.119	0.44			0.001	
					0.0
45		6.2	0.017	0.923	0.0
		4.3	0.008	0.001	0.0
	-2.0	1148.0	0.014	0.002	0.0
	-12.4		0.017	0.001	302.9
	8.06		0.008	0.000	1293.4
220.119	0.39			0.000	
					0.0
46		6.5	0.019	0.923	0.0
		5.2	0.009	0.001	0.0
	-2.0	1147.6	0.012	0.002	0.0
	-11.4		0.017	0.000	304.2
	8.10		0.006	0.000	1293.4
225.119	0.35			0.000	
					0.0

					32
47		7.1	0.020	0. 923	0.0
		6.1	0.011	0. 001	0.0
	-1.1	1147.3	0.013	0. 001	0.0
	-11.1		0.018	0. 000	305.4
	8.08		0.008	0. 000	1293.4
230.119	0.33			0. 000	
					0.0
48		7.7	0.019	0. 923	0.0
		6.8	0.011	0. 000	0.0
	-1.4	1146.4	0.014	0. 001	0.0
	-12.4		0.018	0. 001	306.9
	8.00		0.007	0. 000	1293.4
235.119	0.35			0. 000	
					0.0
49		8.4	0.020	0. 923	0.0
		7.4	0.012	0. 001	0.0
	-1.1	1146.1	0.012	0. 001	0.0
	-11.6		0.018	0. 000	308.5
	8.09		0.007	0. 000	1293.4
240.119	0.36			0. 000	
					0.0
50		8.7	0.020	0. 923	0.0
		7.9	0.012	0. 000	0.0
	-0.8	1145.4	0.013	0. 001	0.0
	-11.1		0.017	0. 001	309.8
	8.04		0.007	0. 001	1293.4
245.119	0.37			0. 000	
					0.0
51		9.2	0.019	0. 923	0.0
		8.2	0.011	0. 001	0.0
	-1.7	1145.4	0.015	0. 001	0.0
	11.4		0.018	0. 001	311.4
	8.04		0.007	0. 001	1293.4
250.119	0.35			0. 000	
					0.0
52		9.4	0.020	0. 923	0.0
		8.4	0.012	0. 000	0.0
	-2.0	1145.3	0.014	0. 001	0.0
	-12.4		0.016	0. 000	312.8
	8.12		0.008	0. 001	1293.4
255.119	0.32			0. 000	
					0.0

					32
53		9.5	0.020	0. 923	0.0
		8.4	0.011	0. 000	0.0
	-2.0	1144.8	0.014	0. 001	0.0
	-12.1		0.017	0. 000	314.3
	8.02		0.006	-0. 001	1293.4
260.119	0.31			0. 000	
					0.0
54		9.6	0.020	0. 923	0.0
		8.4	0.012	0. 001	0.0
	-1.7	1143.9	0.019	0. 001	0.0
	-12.9		0.017	0. 000	316.7
	8.12		0.009	-0. 000	1293.4
265.119	0.29			0. 000	
					0.0
55		9.5	0.018	0. 923	0.0
		8.4	0.012	0. 001	0.0
	-1.7	1144.2	0.022	0. 001	0.0
	-12.4		0.016	0. 001	317.2
	8.07		0.008	0. 000	1293.4
270.119	0.28			0. 000	
					0.0
56		9.9	0.019	0. 923	0.0
		8.4	0.011	0. 000	0.0
	-1.7	1143.9	0.020	0. 001	0.0
	-11.6		0.017	0. 000	318.5
	8.09		0.008	0. 000	1293.4
275.119	0.28			0. 000	
					0.0
57		10.2	0.018	0. 923	0.0
		8.4	0.011	0. 001	0.0
	-1.7	1143.7	0.017	0. 000	0.0
	-12.6		0.017	0. 001	319.9
	8.08		0.008	-0. 000	1293.4
280.119	0.26			0. 000	
					0.0
58		10.3	0.020	0. 923	0.0
		8.4	0.011	0. 000	0.0
	-1.7	1142.9	0.014	0. 001	0.0
	-12.6		0.017	0. 000	321.2
	8.12		0.008	-0. 000	1293.4
285.119	0.24			0. 000	
					0.0

					32
59		10.6	0.019	0. 923	0.0
		8.4	0.010	0. 000	0.0
	-0.5	1143.9	0.012	0. 001	0.0
	-13.1		0.017	0. 000	322.6
	8.12		0.007	0. 000	1293.4
290.119	0.24			0. 000	
					0.0
60		10.7	0.018	0. 923	0.0
		8.4	0.010	0. 000	0.0
	-1.4	1142.6	0.012	0. 001	0.0
	-12.9		0.017	0. 000	323.9
	8.03		0.007	0. 000	1293.4
295.119	0.23			0. 000	
					0.0
61		10.9	0.018	0. 923	0.0
		8.4	0.010	0. 000	0.0
	-0.8	1143.2	0.012	0. 001	0.0
	-12.4		0.017	0. 001	325.1
	8.10		0.007	0. 000	1293.4
300.119	0.23			0. 000	
					0.0
62		10.7	0.019	0. 923	0.0
		8.4	0.010	0. 000	0.0
	-0.8	1143.2	0.013	0. 001	0.0
	-11.4		0.016	-0. 000	326.3
	8.12		0.007	0. 001	1293.4
305.119	0.23			0. 000	
					0.0
63		11.1	0.018	0. 923	0.0
		8.3	0.010	0. 000	0.0
	-0.5	1143.2	0.012	0. 001	0.0
	-11.1		0.017	0. 000	327.5
	8.15		0.007	0. 000	1293.4
310.119	0.22			0. 000	
					0.0
64		11.2	0.019	0. 923	0.0
		8.4	0.010	0. 000	0.0
	-0.2	1143.2	0.012	0. 001	0.0
	-11.4		0.017	-0. 000	328.8
	8.07		0.007	0. 000	1293.4
315.119	0.22			0. 000	
					0.0

					32
65		11.5	0.018	0. 923	0.0
		8.3	0.009	0. 000	0.0
	-2.0	1142.7	0.011	0. 001	0.0
	-13.6		0.017	-0. 000	329.9
	8.02		0.007	-0. 000	1293.4
320.119	0.21			0. 000	
					0.0
66		11.5	0.016	0. 923	0.0
		8.3	0.008	0. 000	0.0
	-1.4	1143.1	0.012	0. 001	0.0
	-12.1		0.015	0. 000	331.1
	8.07		0.007	-0. 000	1293.4
325.119	0.20			0. 000	
					0.0
67		11.7	0.011	0. 923	0.0
		8.4	0.006	0. 000	0.0
	-1.4	1142.7	0.012	0. 000	0.0
	-12.6		0.010	-0. 000	332.2
	8.04		0.008	-0. 001	1293.4
330.119	0.18			0. 000	
					0.0
68		11.8	0.011	0. 923	0.0
		8.3	0.008	-0. 000	0.0
	-1.7	1141.2	0.013	0. 000	0.0
	-11.1		0.010	-0. 000	333.2
	8.09		0.007	-0. 000	1293.4
335.119	0.18			0. 000	
					0.0
69		12.1	0.013	0. 923	0.0
		8.4	0.010	-0. 000	0.0
	-1.1	1140.5	0.013	0. 001	0.0
	-11.9		0.010	-0. 000	334.3
	0.07		0.007	-0. 001	1293.4
340.119	0.17			0. 000	
					0.0
70		12.3	0.018	0. 923	0.0
		8.3	0.009	-0. 000	0.0
	-0.5	1141.7	0.013	0. 000	0.0
	-11.9		0.011	0. 000	335.4
	8.05		0.006	0. 000	1293.4
345.119	0.17			0. 000	
					0.0

					32.
71:		12.5	0.021	0.923	0.0
		8.3	0.008	-0.000	0.0
	-1.1	1141.4	0.014	0.000	0.0
	-11.9		0.012	-0.000	336.4
	8.15		0.005	-0.001	1293.4
350.119	0.17			0.000	
					0.0
72:		12.6	0.019	0.923	0.0
		8.3	0.010	-0.000	0.0
	-1.4	1140.5	0.015	0.001	0.0
	-11.9		0.011	-0.000	337.3
	8.14		0.006	-0.001	1293.4
355.119	0.16			0.000	
					0.0
73:		12.8	0.014	0.923	0.0
		8.4	0.009	-0.000	0.0
	-0.8	1141.4	0.013	0.000	0.0
	-11.9		0.009	-0.000	338.2
	7.92		0.007	-0.000	1293.4
360.119	0.16			0.000	
					0.0
74:		13.1	0.010	0.923	0.0
		8.3	0.007	-0.000	0.0
	-0.8	1141.2	0.012	0.001	0.0
	-10.9		0.010	-0.000	339.2
	8.01		0.006	-0.000	1293.4
365.119	0.16			0.000	
					0.0
75:		13.2	0.011	0.923	0.0
		8.4	0.009	0.000	0.0
	-0.2	1141.0	0.013	0.001	0.0
	-10.9		0.010	0.000	340.1
	8.12		0.006	0.000	1293.4
370.119	0.15			0.000	
					0.0
76:		13.5	0.013	0.923	0.0
		8.3	0.009	0.000	0.0
	-0.2	1140.5	0.014	0.000	0.0
	-11.1		0.009	-0.000	341.0
	8.12		0.007	-0.001	1293.4
375.119	0.14			0.000	
					0.0
					32.
77:		13.5	0.012	0.923	0.0
		8.3	0.009	0.000	0.0
	-0.5	1140.4	0.013	0.001	0.0
	-11.4		0.008	-0.000	341.8
	8.15		0.007	-0.000	1293.4
380.119	0.14			0.000	
					0.0
78:		13.8	0.010	0.923	0.0
		8.3	0.006	0.000	0.0
	-0.5	1141.0	0.012	0.001	0.0
	-11.1		0.010	-0.000	342.7
	8.09		0.007	-0.000	1293.4
385.119	0.13			0.000	
					0.0
79:		13.9	0.011	0.923	0.0
		8.3	0.007	-0.000	0.0
	-0.8	1140.2	0.012	0.001	0.0
	-12.1		0.010	-0.000	343.6
	8.12		0.007	-0.000	1293.4
390.119	0.14			0.000	
					0.0
80:		14.1	0.010	0.923	0.0
		8.3	0.004	0.000	0.0
	-0.8	1141.0	0.008	0.001	0.0
	-12.4		0.014	-0.000	344.4
	8.03		0.007	-0.001	1293.4
395.119	0.14			0.001	
					0.0
81:		14.7	0.012	0.923	0.0
		8.3	0.006	0.000	0.0
	-1.4	1141.2	0.012	0.001	0.0
	-11.6		0.013	0.000	345.2
	8.12		0.007	-0.000	1293.4
400.119	0.13			0.000	
					0.0
82:		14.8	0.010	0.923	0.0
		8.3	0.006	0.000	0.0
	-0.8	1140.9	0.012	0.001	0.0
	-10.4		0.011	-0.000	346.0
	8.05		0.006	-0.000	1293.4
405.119	0.13			0.000	
					0.0
					32.
83:		15.1	0.010	0.923	0.0
		8.3	0.007	-0.000	0.0
	-1.1	1140.4	0.012	0.001	0.0
	-10.9		0.010	-0.000	346.7
	8.06		0.007	-0.000	1293.4
410.119	0.13			0.000	
					0.0
84:		15.1	0.011	0.923	0.0
		8.3	0.007	-0.000	0.0
	-1.4	1140.5	0.012	0.001	0.0
	-11.4		0.010	-0.000	347.5
	8.03		0.007	-0.000	1293.4
415.119	0.12			0.000	
					0.0
85:		15.4	0.016	0.923	0.0
		8.3	0.009	-0.000	0.0
	-0.2	1139.2	0.014	0.001	0.0
	-11.6		0.010	0.000	348.3
	8.05		0.006	-0.001	1293.4
420.119	0.12			0.000	
					0.0
86:		15.5	0.024	0.923	0.0
		8.3	0.011	-0.000	0.0
	-0.8	1139.7	0.015	0.000	0.0
	-10.6		0.013	-0.000	349.0
	8.12		0.005	-0.001	1293.4
425.119	0.12			0.000	
					0.0
87:		15.7	0.028	0.923	0.0
		8.3	0.010	-0.000	0.0
	-0.5	1139.8	0.014	0.000	0.0
	-10.9		0.017	0.000	349.7
	8.06		0.003	-0.001	1293.4
430.119	0.13			0.000	
					0.0
88:		15.9	0.032	0.923	0.0
		8.3	0.011	-0.000	0.0
	-1.4	1139.5	0.014	-0.000	0.0
	-10.9		0.018	0.000	350.4
	8.12		0.003	-0.001	1293.4
435.119	0.12			0.000	
					0.0
					32
89:		16.2	0.033	0.923	0.0
		8.3	0.009	-0.000	0.0
	-1.1	1139.5	0.014	0.000	0.0
	-11.1		0.021	0.000	351.1
	8.09		0.002	-0.001	1259.5
440.119	0.12			0.000	
					0.0
90:		16.5	0.034	0.923	0.0
		8.3	0.010	-0.000	0.0
	-0.8	1139.8	0.014	0.000	0.0
	-11.4		0.024	0.000	351.8
	8.10		0.001	-0.001	1225.7
445.119	0.12			0.000	
					0.0
91:		16.8	0.034	0.923	0.0
		8.3	0.009	-0.000	0.0
	-1.1	1139.7	0.014	0.001	0.0
	-10.9		0.024	0.000	352.5
	8.04		0.002	-0.001	1079.9
450.119	0.12			0.000	
					0.0
92:		16.9	0.034	0.923	0.0
		8.3	0.010	-0.000	0.0
	-1.1	1139.5	0.013	0.000	0.0
	-11.4		0.023	0.000	353.1
	7.98		0.001	-0.000	987.2
455.119	0.11			0.000	
					0.0
93:		17.2	0.034	0.923	0.0
		8.3	0.010	-0.000	0.0
	-1.1	1138.8	0.014	-0.000	0.0
	-11.9		0.023	0.000	353.7
	8.12		0.002	-0.001	944.1
460.119	0.11			0.000	
					0.0
94:		17.6	0.034	0.923	0.0
		8.3	0.010	-0.000	0.0
	-1.4	1139.0	0.014	0.000	0.0
	-10.6		0.022	0.000	354.3
	8.14		0.002	0.000	908.1
465.119	0.11			0.000	
					0.0

					32
95		17.9	0.035	0.923	0.0
		8.3	0.010	-0.000	0.0
	-1.4	1139.2	0.013	-0.000	0.0
	-11.6		0.025	-0.000	354.9
	8.08		0.001	-0.001	879.5
470.119	0.11			0.000	
					0.0
96		18.2	0.034	0.923	0.0
		8.3	0.009	0.000	0.0
	-1.4	1138.3	0.013	-0.000	0.0
	-11.6		0.026	-0.000	355.6
	8.09		0.001	-0.001	854.4
475.119	0.11			0.000	
					0.0
97		18.4	0.034	0.923	0.0
		8.3	0.009	0.000	0.0
	-1.1	1138.2	0.013	0.000	0.0
	-11.9		0.026	-0.000	356.1
	8.01		0.001	0.000	829.6
480.119	0.10			0.000	
					0.0
98		18.8	0.034	0.923	0.0
		8.3	0.010	-0.000	0.0
	-1.1	1139.5	0.014	0.000	0.0
	-11.9		0.023	0.000	356.7
	8.10		0.001	-0.001	788.8
485.119	0.10			0.000	
					0.0
99		19.0	0.033	0.923	0.0
		8.3	0.009	-0.000	0.0
	-1.4	1139.3	0.014	0.000	0.0
	-11.4		0.020	0.000	357.2
	8.07		0.002	-0.000	786.6
490.119	0.10			0.000	
					0.0
100		19.1	0.032	0.923	0.0
		8.2	0.011	-0.000	0.0
	-1.1	1138.8	0.014	-0.000	0.0
	-11.9		0.018	0.000	357.8
	8.09		0.003	-0.001	768.8
495.119	0.09			0.000	
					0.0
					32
101		19.5	0.029	0.923	0.0
		8.3	0.011	-0.000	0.0
	-0.8	1138.8	0.014	0.000	0.0
	-12.1		0.016	0.000	358.3
	8.09		0.003	-0.000	746.8
500.119	0.09			0.000	
					0.0
102		19.8	0.026	0.923	0.0
		8.3	0.011	-0.000	0.0
	-1.1	1137.8	0.014	0.000	0.0
	-9.6		0.011	-0.000	358.8
	8.10		0.005	-0.001	744.7
505.119	0.09			0.000	
					0.0
103		20.3	0.012	0.923	0.0
		8.3	0.009	-0.000	0.0
	-0.2	1138.7	0.012	0.000	0.0
	-9.6		0.008	-0.000	359.3
	8.09		0.006	-0.001	687.0
510.119	0.08			0.000	
					0.0
104		20.6	0.011	0.923	0.0
		8.3	0.006	-0.000	0.0
	-1.7	1139.2	0.011	0.001	0.0
	-11.6		0.011	-0.000	359.8
	8.08		0.007	0.000	676.8
515.119	0.09			0.000	
					0.0
105		21.0	0.010	0.923	0.0
		8.4	0.006	0.000	0.0
	-0.8	1138.8	0.011	0.001	0.0
	-10.9		0.011	0.000	360.2
	8.07		0.006	-0.000	682.0
520.119	0.08			0.000	
					0.0
106		21.2	0.010	0.923	0.0
		8.4	0.009	-0.000	0.0
	-0.5	1137.8	0.013	0.001	0.0
	-11.4		0.008	-0.000	360.7
	8.17		0.006	-0.001	641.9
525.119	0.08			0.000	
					0.0
					32
107		21.6	0.007	0.923	0.0
		8.4	0.003	-0.000	0.0
	0.2	1136.6	0.008	0.000	0.0
	-11.9		0.007	-0.000	361.1
	8.11		0.003	-0.001	677.8
530.119	0.08			0.000	
					0.0

ARC POWER OFF

MODEL 28

2-MW PJ FACILITY CONCRETE SAMPLE TEIST NO 188 - RUN NO. 34

POINT NO / TIME SEC	FAC. OPERATING PARAMETERS: GAS FLO-G/S; ENTHALPY-CAL/G; CURRENT-AMPS; VOLTS; WATER FLO-L/S; WATER DT-DEG K	FAC. OPERATING PARAMETERS: PRES-N/CM**2; HEATER MAN; ARC CHAMB; VENTURI; VENTURI DP	PROBE 1: PRESS N/CM**2	PROBE 1: HEAT FLUX KW/CM**2	MODEL TEMP: TC-1; TC-2; TC-3; TC-4; TC-5; TC-6; TC-7; PYROM; DEG K
			1	1	TC-1
			2	2	TC-2
			3	3	TC-3
			4	4	TC-4
			5	5	TC-5
				6	TC-6
					TC-7
					PYROM
					DEG K
1	32.23	402.4	0.000	0.000	303.7
	1104.3	33.7	0.000	0.141	294.4
	161.1	1175.5	0.000	0.195	295.2
	1443.1	0.159	0.000	0.108	293.7
	8.12		0.000	0.116	342.6
0.000	2.46			0.015	
					0.0
2	32.32	405.5	-0.008	0.000	304.8
	1068.6	33.7	-0.005	0.143	298.2
	160.4	1165.8	0.006	0.136	294.5
	1433.6	0.161	0.002	0.109	293.7
	8.16		0.009	0.113	326.7
0.116	2.51			0.011	
					0.0
3	31.64	405.8	0.014	0.000	302.5
	1090.7	33.2	-0.010	0.135	291.8
	160.1	1168.9	0.005	0.133	294.2
	1434.4	0.154	0.013	0.108	293.6
	8.15		-0.008	0.115	324.6
2.119	2.50			0.010	
					0.0
4	32.65	406.2	0.007	0.000	306.0
	1144.7	33.8	-0.010	0.142	297.2
	167.0	1167.7	0.003	0.132	294.7
	1433.4	0.164	0.012	0.107	293.6
	8.14		-0.006	0.105	323.7
4.119	2.44			0.015	
					0.0
					34
5	32.71	406.0	-0.007	0.000	307.0
	997.9	33.8	-0.014	0.141	298.4
	153.2	1168.5	0.001	0.128	294.8
	1437.1	0.165	0.009	0.108	293.6
	8.18		-0.003	0.109	328.2
6.119	2.42			0.015	
					0.0
6	32.75	406.2	0.012	0.000	304.0
	978.2	33.8	0.075	0.146	299.0
	153.5	1168.0	0.122	0.135	294.7
	1428.1	0.165	0.091	0.109	293.5
	8.14		0.009	0.116	325.9
8.119	2.50			0.014	
					0.0
7	32.74	406.3	0.115	0.000	307.8
	987.6	33.9	1.515	0.145	299.5
	154.5	1167.4	1.985	0.139	293.2
	1431.9	0.165	1.656	0.109	293.6
	8.20		0.130	0.113	326.4
10.119	2.51			0.014	
					0.0
8	31.67	406.5	0.146	0.000	308.7
	1059.6	33.9	1.561	0.145	296.3
	157.3	1167.2	2.001	0.134	294.5
	1433.1	0.154	1.672	0.109	293.6
	8.09		0.173	0.112	324.0
12.119	2.51			0.014	
					0.0
9	30.41	406.3	0.165	0.000	306.6
	1089.8	34.0	1.559	0.142	297.2
	155.7	1166.2	2.004	0.133	294.3
	1434.1	0.142	1.676	0.110	293.6
	8.14		0.192	0.110	326.3
14.119	2.49			0.012	
					0.0
10	32.47	406.3	0.171	0.000	310.2
	1094.3	33.9	1.561	0.145	296.9
	163.0	1167.0	2.003	0.133	294.4
	1425.9	0.162	1.678	0.110	293.6
	8.05		0.204	0.115	324.9
16.119	2.49			0.014	
					0.0
11	32.36	406.5	0.182	0.000	311.4
	1082.5	33.9	1.554	0.145	293.4
	162.0	1165.8	2.009	0.137	294.4
	1430.9	0.161	1.681	0.111	293.6
	8.23		0.210	0.116	324.9
18.119	2.48			0.013	
					0.0
12	32.31	406.5	0.183	0.000	309.6
	1007.6	34.0	1.564	0.145	301.1
	155.1	1165.2	2.015	0.135	293.1
	1426.6	0.161	1.676	0.108	293.6
	8.12		0.214	0.123	323.8
20.119	2.50			0.014	
					0.0 PROBE OUT
13	31.06	406.4	0.315	0.000	309.0 MODEL IN
	1048.3	33.9	0.740	0.014	299.9
	156.3	1165.8	0.793	0.010	293.7
	1421.4	0.149	0.700	0.009	293.7
	8.15		0.239	0.006	297.3
22.119	2.53			0.003	
					0.0
14	30.08	400.3	0.324	0.000	9999.9
	1168.4	33.4	0.440	0.011	9999.9
	164.8	1163.0	0.465	0.010	319.9
	1410.6	0.140	0.428	0.009	291.5
	8.08		0.248	0.005	1296.3
24.119	2.53			0.006	
					0.0
15	28.66	405.3	0.313	0.000	9999.9
	1225.3	33.9	0.381	0.011	9999.9
	163.6	1166.0	0.390	0.010	320.7
	1425.4	0.127	0.364	0.005	292.3
	8.13		0.259	0.004	1296.3
26.119	2.54			0.004	
					0.0
16	31.20	406.4	0.320	0.000	9999.9
	1335.6	33.5	0.353	0.010	9999.9
	179.6	1170.1	0.361	0.004	323.7
	1424.1	0.150	0.340	0.002	293.2
	8.16		0.258	0.003	1296.3
28.119	2.39			0.002	
					1136.3
					34
17	29.88	406.6	0.329	0.000	9999.9
	1292.7	33.0	0.330	0.008	9999.9
	171.8	1173.1	0.349	0.005	322.7
	1425.1	0.137	0.335	0.007	292.4
	8.04		0.262	0.000	1296.3
30.119	2.48			0.005	
					1203.8
18	32.09	397.5	0 0 3 3	-.90	9 9 .
	1284.2	33.6	0.327	0.002	9999.9
	178.7	1174.8	0.339	0.005	319.7
	1423.4	0.157	0.337	0.003	293.0
	8.20		0.262	-0.001	1296.3
32.119	2.39			0.004	
					1258.9
19	29.74	394.3	0.337	0.000	9999.9
	1165.5	33.8	0.327	0.008	9999.9
	159.5	1173.4	0.330	0.004	317.1
	1416.1	0.135	0.331	-0.002	293.0
	8.03		0.259	0.006	1296.3
34.119	2.41			0.003	
					1276.4
20	30.85	400.9	0.332	0.000	9999.9
	1247.4	34.1	0.304	0.000	9999.9
	172.4	1167.9	0.337	-0.001	317.4
	1410.1	0.146	0.334	0.004	292.3
	8.15		0.264	-0.002	1296.3
36.119	2.41			0.001	
					1296.7
21	29.58	404.1	0.316	0.000	9999.9
	1452.7	33.7	0.329	0.011	9999.9
	184.4	1165.2	0.322	-0.002	317.4
	1412.1	0.135	0.334	0.008	292.4
	8.01		0.265	0.002	1296.3
38.119	2.41			0.001	
					1290.7
22	29.45	407.0	0.335	0.000	9999.9
	1293.0	33.6	0.321	0.000	9999.9
	175.5	1161.9	0.329	-0.002	315.1
	1405.4	0.134	0.332	0.002	293.1
	8.15		0.265	-0.000	1296.3
40.119	2.57			0.002	
					1292.0

					34
23	26.81	407.1	0.322	0.000	9999.9
	1426.1	34.1	0.306	0.001	9999.9
	168.0	1162.3	0.323	0.008	311.4
	1412.6	0.111	0.329	-0.003	293.1
	7.97		0.267	0.000	1296.3
42.119	2.32			0.002	
					1304.0
24	28.16	397.4	0.317	0.000	9999.9
	1296.1	32.5	0.308	0.001	9999.9
	160.1	1161.8	0.323	0.012	308.8
	1427.6	0.123	0.329	0.002	291.6
	7.91		0.264	-0.001	1296.3
44.119	2.30			-0.004	
					1289.7
25	28.04	400.6	0.304	0.000	9999.9
	1419.5	33.5	0.282	0.003	9999.9
	174.9	1160.4	0.333	-0.000	306.9
	1427.9	0.122	0.333	0.004	290.8
	8.01		0.262	-0.001	1296.3
46.119	2.48			-0.008	
					1301.8
26	28.54	401.1	0.322	0.000	9999.9
	1473.5	33.5	0.296	0.008	9999.9
	179.3	1164.6	0.315	0.001	307.7
	1418.1	0.126	0.332	-0.003	293.0
	8.08		0.264	0.003	1296.3
48.119	2.32			0.003	
					1308.8
27	25.38	404.7	0.328	0.000	9999.9
	1573.1	34.1	0.307	0.001	9999.9
	178.7	1166.3	0.338	-0.003	302.8
	1396.6	0.099	0.335	-0.007	292.9
	8.11		0.256	0.000	1296.3
50.119	2.43			-0.002	
					1298.5
28	25.40	404.6	0.328	0.000	9999.9
	1665.1	33.0	0.293	0.004	1375.4
	179.6	1162.6	0.326	-0.005	306.8
	1421.6	0.100	0.342	-0.005	292.9
	8.11		0.256	0.002	1296.3
52.119	2.32			-0.010	
					1327.6

					34
29	26.67	401.1	0.329	0.000	609.0
	1424.3	31.9	0.300	0.001	423.0
	171.1	1163.8	0.326	-0.005	304.0
	1418.6	0.110	0.338	-0.001	291.6
	8.18		0.253	-0.000	1296.3
54.119	2.45			-0.003	
					1315.3
30	26.66	401.4	0.319	0.000	443.7
	1571.6	32.4	0.302	0.004	363.0
	176.5	1162.6	0.337	-0.004	302.4
	1426.1	0.110	0.337	-0.004	292.3
	8.02		0.253	0.007	1296.3
56.119	2.28			-0.003	
					1333.0
31	29.01	395.1	0.328	0.000	454.9
	1472.7	32.4	0.286	0.000	357.2
	177.4	1162.3	0.332	-0.006	307.9
	1425.4	0.130	0.339	0.002	292.9
	8.19		0.256	-0.003	1296.3
58.119	2.17			0.000	
					1319.9
32	28.07	401.8	0.331	0.000	446.7
	1469.8	33.1	0.306	0.006	336.3
	172.1	1163.1	0.323	-0.014	299.5
	1427.6	0.122	0.337	-0.002	292.3
	8.17		0.261	0.002	1296.3
60.119	2.15			-0.005	
					1322.8
33	26.33	401.2	0.321	0.000	447.2
	1616.2	33.5	0.291	0.003	358.7
	182.8	1162.4	0.335	-0.004	298.5
	1431.1	0.107	0.334	-0.005	293.7
	8.10		0.268	0.001	1296.3
62.119	2.47			-0.003	
					1296.7
34	30.10	405.1	0.313	0.000	457.9
	1489.8	33.6	0.314	-0.001	355.1
	189.1	1160.4	0.328	0.001	293.5
	1419.1	0.140	0.337	0.004	293.5
	8.13		0.266	-0.009	1296.3
64.119	2.38			-0.002	
					1295.9

					34
35	26.04	405.3	0.311	0.000	463.2
	1692.7	34.1	0.309	0.005	358.1
	185.3	1160.2	0.329	0.002	298.4
	1426.1	0.105	0.336	0.003	292.8
	8.06		0.269	-0.001	1296.3
66.119	2.37			-0.001	
					1313.9
36	27.20	405.1	0.310	0.000	465.1
	1443.6	33.7	0.308	-0.000	357.9
	172.4	1159.1	0.342	-0.002	294.9
	1440.6	0.115	0.333	0.000	293.7
	.09		0.269	0.006	1296.3
68.119	2.49			-0.003	
					1297.1
37	27.56	402.5	0.325	0.000	473.1
	1333.5	33.7	0.311	0.003	355.5
	168.0	1158.9	0.337	-0.005	291.0
	1419.4	0.118	0.331	0.000	292.5
	8.10		0.264	-0.001	1290.0
70.119	2.50			-0.002	
					1264.2
38	29.60	405.6	0.323	0.000	484.2
	1498.6	33.7	0.300	0.004	356.8
	187.5	1158.6	0.344	0.000	297.4
	1425.6	0.136	0.319	0.003	292.4
	8.09		0.267	0.003	1297.6
72.119	2.47			-0.005	
					1240.1
39	28.65	402.6	0.333	0.000	491.9
	1241.5	33.7	0.312	0.002	342.9
	162.3	1160.9	0.341	-0.007	295.6
	1421.1	0.127	0.332	0.001	293.9
	8.05		0.267	0.003	1211.7
74.119	2.43			0.001	
					1223.1
40	30.02	399.2	0.320	0.000	500.9
	1406.4	33.2	0.326	-0.000	354.5
	182.2	1161.6	0.344	0.001	292.8
	1422.9	0.139	0.331	-0.002	293.1
	8.07		0.265	-0.002	1152.6
76.119	2.45			-0.002	
					1220.5

					34
41	27.33	402.7	0.318	0.000	508.8
	1554.7	33.8	0.336	0.002	358.9
	181.7	1165.8	0.345	0.001	295.3
	1423.4	0.115	0.329	-0.002	293.8
	8.15		0.267	0.002	1142.1
78.119	2.46			0.000	
					1191.7
42	28.86	403.4	0.333	0.000	520.3
	1238.8	33.2	0.323	0.001	358.6
	163.3	1165.8	0.339	-0.007	293.5
	1421.9	0.128	0.333	-0.002	292.4
	8.02		0.264	-0.002	1233.4
80.119	2.46			0.001	
					1227.1
43	28.74	396.6	0.310	0.000	517.4
	1401.1	34.2	0.327	-0.000	353.2
	175.2	1168.0	0.340	-0.003	292.6
	1405.9	0.127	0.332	-0.001	293.2
	8.11		0.264	0.001	1171.5
82.119	2.30			-0.003	
					1386.4
44	28.47	406.4	0.316	0.000	537.2
	1369.8	33.5	0.321	0.004	1000.0
	171.1	1170.6	0.342	0.001	293.4
	1423.6	0.124	0.329	0.001	291.8
	8.08		0.265	0.007	1088.3
84.119	2.38			0.001	
					1323.3
45	27.52	400.0	0.327	0.000	550.6
	1519.9	34.3	0.319	-0.000	364.6
	185.0	1168.7	0.332	0.002	291.9
	1417.9	0.116	0.333	-0.004	292.5
	8.14		0.262	0.001	1083.7
86.119	2.57			-0.001	
					1329.2
46	28.81	403.6	0.337	0.000	560.5
	1434.5	34.4	0.331	0.002	363.3
	179.0	1169.9	0.342	0.003	291.8
	1435.9	0.127	0.330	-0.004	291.9
	8.07		0.261	0.002	1067.3
88.119	2.49			0.003	
					1338.6

					34
47	29.98	398.5	0.328	0.000	567.5
	1261.2	33.2	0.316	0.002	364.6
	170.2	1170.1	0.335	0.001	290.7
	1433.6	0.138	0.334	0.001	293.9
	8.00		0.259	0.001	1044.3
90.119	2.57			0.003	
					1056.1
48	27.56	397.1	0.329	0.000	574.0
	1443.7	33.3	0.320	-0.001	363.9
	177.4	1167.9	0.331	-0.003	292.3
	1418.6	0.117	0.333	-0.001	293.3
	8.11		0.260	0.003	1037.7
92.119	2.51			0.001	
					1116.2
49	28.75	406.8	0.341	0.000	591.6
	1169.7	34.4	0.311	0.006	365.9
	158.2	1168.9	0.335	0.002	292.6
	1425.4	0.127	0.334	0.001	292.5
	8.09		0.259	0.001	982.8
94.119	2.51			0.002	
					1350.6
50	28.72	400.5	0.334	0.000	600.7
	1411.0	34.4	0.303	0.003	372.6
	176.5	1166.7	0.327	0.000	291.7
	1417.6	0.127	0.334	0.002	293.0
	8.02		0.257	0.004	993.0
96.119	2.41			-0.001	
					1433.9
51	28.86	403.8	0.335	0.000	611.5
	1485.6	33.9	0.322	0.000	381.0
	183.1	1166.2	0.330	0.001	291.6
	1434.4	0.128	0.333	-0.002	292.6
	8.02		0.259	0.006	980.4
98.119	2.48			-0.001	
					1400.0
52	29.96	410.7	0.319	0.000	625.5
	1176.6	34.4	0.322	-0.002	383.7
	162.3	1164.3	0.337	0.000	293.2
	1439.9	0.139	0.335	0.001	291.2
	8.07		0.264	-0.002	949.2
100.119	2.56			0.003	
					1345.9
53	28.81	410.8	0.326	0.000	636.7
	1330.4	34.4	0.316	-0.002	386.6
	169.9	1162.3	0.328	-0.002	293.7
	1425.4	0.128	0.338	0.002	292.4
	8.18		0.260	0.001	905.2
102.119	2.39			0.001	
					1294.3
54	31.33	404.4	0.331	0.000	642.4
	1187.2	33.9	0.303	0.002	385.9
	6	1162.3	0.343	0.002	293.2
	1436.4	0.152	0.341	-0.001	293.1
	8.10		0.263	0.002	860.1
104.119	2.33			0.003	
					1222.8
55	31.84	401.2	0.333	0.000	661.7
	1049.1	33.4	0.331	0.002	396.4
	156.0	1163.5	0.339	0.001	294.8
	1431.4	0.157	0.337	-0.006	292.7
	8.12		0.265	0.001	889.8
106.119	2.46			0.001	
					1209.1
56	31.70	400.5	0.340	0.000	674.4
	1107.0	34.5	0.323	0.005	392.9
	157.3	1163.3	0.332	0.003	292.1
	1424.9	0.155	0.340	-0.001	293.3
	7.88		0.262	0.001	884.8
108.119	2.35			0.001	
					1218.6
57	29.63	403.1	0.321	0.000	687.5
	1269.4	34.5	0.316	0.004	403.7
	170.2	1160.9	0.345	0.000	292.3
	1427.6	0.136	0.337	0.001	291.2
	7.94		0.263	-0.002	890.2
110.119	2.58			0.002	
					1391.6
58	32.07	407.1	0.338	0.000	698.0
	1116.8	34.5	0.316	0.001	404.6
	163.9	1160.4	0.345	0.004	295.5
	1437.5	0.159	0.341	-0.001	293.4
	8.06		0.263	0.004	846.5
112.119	2.55			0.002	
					1400.9

					34
59	31.10	408.2	0.322	0.000	713.7
	1166.9	34.5	0.314	0.001	404.3
	161.1	1162.3	0.337	0.003	295.5
	1446.6	0.150	0.338	-0.002	294.1
	8.17		0.262	0.011	811.0
114.119	2.38			0.003	
					1370.6
60	31.86	408.6	0.324	0.000	724.2
	1107.2	34.6	0.331	0.002	412.1
	163.9	1161.8	0.343	0.002	295.9
	1437.4	0.157	0.338	0.001	292.7
	8.04		0.264	0.000	808.2
116.119	2.62			0.002	
					1349.5
61	30.90	405.1	0.333	0.000	740.8
	1089.1	34.6	0.319	-0.001	413.2
	156.3	1161.1	0.345	0.003	297.6
	1453.1	0.148	0.336	-0.001	293.4
	8.12		0.264	0.009	782.9
118.119	2.54			0.003	
					1333.1
62	31.97	402.0	0.329	0.000	755.2
	1136.1	33.6	0.324	0.001	417.9
	164.2	1159.6	0.342	0.004	296.5
	1439.1	0.158	0.339	-0.003	293.4
	8.06		0.260	0.004	794.7
120.119	2.50			0.001	
					1278.5
63	32.13	402.1	0.333	0.000	762.6
	1086.5	34.6	0.312	0.004	425.5
	157.3	1161.9	0.343	-0.001	294.2
	1445.4	0.160	0.336	0.007	292.7
	8.07		0.263	0.003	791.2
122.119	2.41			0.003	
					1247.7
64	31.96	402.4	0.331	0.000	776.3
	1086.1	34.6	0.316	0.004	430.5
	157.9	1159.1	0.340	0.002	297.3
	1447.6	0.158	0.340	0.001	293.8
	8.02		0.263	0.000	772.9
124.119	2.49			0.003	
					1420.0
65	31.93	402.8	0.338	0.000	796.0
	1049.3	34.6	0.314	0.000	439.3
	157.9	1160.1	0.340	0.002	294.9
	1436.1	0.158	0.341	-0.002	291.4
	8.14		0.262	0.002	772.5
126.119	2.54			0.002	
					1415.7
66	30.78	412.4	0.336	0.000	800.2
	1110.5	34.6	0.326	0.001	444.2
	157.3	1159.4	0.343	0.004	297.0
	1438.1	0.147	0.340	0.001	292.8
	8.13		0.264	0.006	755.8
128.119	2.45			0.001	
					1400.3
67	31.94	409.1	0.325	0.000	819.8
	1078.9	34.6	0.317	0.002	442.1
	157.6	1157.9	0.351	-0.003	297.2
	1445.4	0.158	0.340	0.002	291.4
	7.89		0.262	0.001	730.8
130.119	2.54			0.002	
					1361.1
68	32.12	402.5	0.337	0.000	834.2
	1075.1	34.6	0.326	0.005	451.2
	157.3	1161.1	0.349	-0.002	296.4
	1438.6	0.160	0.338	-0.001	292.8
	8.09		0.262	0.013	750.6
132.119	2.42			0.003	
					1284.4
69	31.96	405.8	0.340	0.000	851.4
	1039.6	34.7	0.325	0.003	456.8
	156.7	1159.2	0.359	0.011	298.7
	1435.9	0.158	0.340	-0.001	292.2
	7.98		0.265	-0.000	743.1
134.119	2.58			0.002	
					1196.9
70	31.75	401.8	0.339	0.000	862.9
	1147.4	34.1	0.330	-0.005	465.9
	164.2	1160.1	0.359	-0.003	296.5
	1447.4	0.156	0.340	-0.003	293.6
	8.16		0.263	-0.004	748.8
136.119	2.50			0.003	
					1128.4

					34
71	26.91	409.5	0.335	0.000	880.0
	1290.8	33.5	0.327	0.003	471.5
	157.6	1157.2	0.358	0.005	303.1
	1442.1	0.112	0.361	-0.006	292.2
	8.12		0.267	0.002	729.3
138.119	2.41			0.002	
					1434.8
72	31.89	413.0	0.344	0.000	895.1
	1093.0	34.7	0.327	-0.003	477.3
	158.2	1157.2	0.360	0.002	303.9
	1443.6	0.158	0.340	-0.002	292.9
	8.03		0.268	-0.001	711.6
140.119	2.46			-0.001	
					1385.5
73	31.07	409.8	0.337	0.000	907.3
	1215.3	33.5	0.312	0.004	483.4
	163.3	1159.7	0.353	0.003	303.3
	1443.4	0.150	0.337	0.000	294.2
	8.13		0.267	0.000	726.1
142.119	2.29			0.003	
					1303.2
74	31.69	407.2	0.341	0.000	922.9
	1045.7	34.3	0.334	0.002	489.1
	157.9	1159.2	0.357	0.004	304.9
	1435.1	0.156	0.341	0.001	292.8
	8.08		0.268	0.001	713.5
144.119	2.60			0.002	
					1218.7
75	31.71	412.8	0.342	0.000	936.8
	1135.8	34.3	0.321	-0.001	493.0
	165.8	1159.2	0.348	0.004	305.6
	1443.9	0.156	0.341	-0.002	292.8
	8.08		0.267	0.008	722.9
146.119	2.63			0.003	
					1198.5
76	31.97	410.4	0.333	0.000	946.3
	1204.4	34.3	0.324	-0.001	502.9
	171.5	1159.9	0.349	0.007	303.5
	1450.9	0.158	0.339	0.017	293.5
	8.00		0.265	0.001	725.7
148.119	2.67			0.003	
					1185.4
77	31.46	413.7	0.340	0.000	967.5
	1087.2	34.3	0.331	0.001	506.1
	157.3	1161.6	0.353	-0.001	306.8
	1442.1	0.153	0.341	-0.001	294.3
	8.11		0.264	0.005	720.5
150.119	2.47			0.001	
					1473.1
78	31.61	410.8	0.340	0.000	984.8
	1113.8	34.9	0.323	-0.001	512.4
	161.1	1159.4	0.340	0.003	305.7
	1451.1	0.155	0.338	0.008	293.7
	8.15		0.267	-0.004	710.5
152.119	2.54			0.002	
					1459.5
79	31.53	408.0	0.332	0.000	993.8
	1063.5	32.9	0.321	-0.002	522.7
	157.3	1160.2	0.344	0.004	307.7
	1446.4	0.154	0.340	-0.002	296.5
	8.20		0.267	-0.002	706.7
154.119	2.54			0.001	
					1437.8
80	31.72	414.4	0.338	0.000	1009.4
	1139.0	34.5	0.330	-0.001	527.0
	163.3	1161.1	0.342	0.010	308.2
	1453.6	0.156	0.340	0.008	294.4
	8.15		0.266	0.002	670.0
156.119	2.53			0.003	
					1469.2
81	31.57	414.4	0.341	0.000	1032.4
	1054.5	34.3	0.331	0.004	537.2
	156.7	1160.4	0.355	0.005	308.5
	1445.4	0.154	0.343	-0.002	294.4
	8.22		0.268	-0.001	650.5
158.119	2.54			-0.002	
					1447.8
82	31.54	409.9	0.341	0.000	1044.7
	1098.8	34.3	0.331	-0.000	541.4
	157.9	1160.9	0.338	0.005	306.2
	1448.9	0.154	0.341	0.000	293.1
	8.19		0.266	0.033	662.4
160.119	2.45			0.002	
					1462.0

					34
83	31.57	414.9	0.341	0.000	1061.6
	1040.4	32.2	0.330	0.001	549.5
	155.4	1160.1	0.348	0.004	309.8
	1451.9	0.154	0.341	0.006	296.5
	8.07		0.267	-0.001	691.2
162.119	2.61			0.002	
					1435.4
84	29.46	414.9	0.333	0.000	1088.2
	1235.1	34.3	0.332	0.000	561.3
	162.6	1159.4	0.331	0.000	309.1
	1446.9	0.135	0.340	-0.000	293.0
	8.09		0.265	0.000	700.2
164.119	2.46			0.001	
					1409.0
85	30.37	414.8	0.342	0.000	1111.4
	1163.0	34.0	0.320	0.001	565.7
	154.8	1159.9	0.350	0.004	311.1
	1452.6	0.143	0.341	-0.001	294.5
	8.06		0.268	0.004	681.5
166.119	2.29			0.001	
					1209.6
86	31.44	415.1	0.342	0.000	1127.3
	1155.2	33.4	0.331	-0.005	574.5
	156.7	1157.4	0.324	0.004	310.3
	1463.4	0.154	0.340	0.002	294.8
	8.08		0.268	0.012	696.6
168.119	2.29			-0.002	
					1447.6
87	31.68	415.8	0.335	0.000	1151.1
	1161.8	32.9	0.331	-0.001	585.9
	162.0	1160.4	0.342	-0.001	312.2
	1456.4	0.154	0.343	0.001	293.9
	8.11		0.267	-0.000	676.9
170.119	2.44			-0.000	
					1448.8
88	31.47	415.0	0.337	0.000	1168.5
	1138.0	33.9	0.323	0.002	594.6
	162.0	1159.4	0.344	-0.002	312.9
	1452.1	0.154	0.343	-0.002	293.9
	8.08		0.269	-0.000	668.1
172.119	2.53			-0.001	
					1457.6
89	30.13	415.8	0.342	0.000	1189.5
	1118.2	33.9	0.333	-0.001	603.4
	165.1	1159.2	0.350	0.006	310.5
	1453.1	0.141	0.344	-0.010	293.2
	8.01		0.267	-0.001	660.5
174.119	2.52			0.004	
					1438.4
90	30.05	415.5	0.345	0.000	1209.5
	1148.3	32.7	0.321	-0.000	609.0
	154.8	1157.0	0.346	0.002	312.8
	1452.1	0.140	0.341	-0.005	292.6
	8.14		0.270	0.002	657.3
176.119	2.36			0.003	
					1422.3
91	31.18	415.9	0.337	0.000	1235.9
	1108.8	33.9	0.334	0.002	618.4
	155.1	1158.4	0.342	-0.005	313.2
	1445.6	0.151	0.343	-0.006	296.2
	8.03		0.269	-0.000	644.9
178.119	2.37			-0.001	
					1350.9
92	27.72	416.3	0.337	0.000	1258.1
	1213.5	33.1	0.332	0.010	631.6
	154.1	1159.1	0.356	0.012	312.4
	1452.6	0.119	0.341	-0.002	294.1
	8.11		0.268	-0.001	649.0
180.119	2.45			-0.005	
					1153.4
93	30.27	416.0	0.340	0.000	1285.5
	1165.2	34.4	0.324	-0.008	641.6
	154.1	1159.6	0.352	0.004	313.1
	1456.9	0.142	0.342	-0.001	296.9
	8.14		0.270	-0.001	625.5
182.119	2.26			-0.004	
					1052.4
94	31.34	409.4	0.326	0.000	1314.5
	1101.0	33.9	0.332	-0.004	648.8
	154.1	1156.2	0.330	-0.004	314.0
	1450.1	0.153	0.338	-0.000	293.5
	8.03		0.267	-0.002	664.0
184.119	2.36			-0.006	
					1448.5

					34
95	22.77	412.9	0.329	0.000	1344.1
	1514.2	33.8	0.334	-0.011	653.0
	153.8	1153.8	0.332	-0.006	315.3
	1454.1	0.081	0.333	-0.004	292.4
	7.99		0.269	-0.006	634.9
186.119	2.38			-0.002	
					1443.0
96	27.17	399.9	0.321	0.000	1380.3
	1617.1	31.8	0.315	-0.008	676.4
	174.6	1157.0	0.327	-0.011	314.9
	1443.1	0.115	0.332	-0.001	294.3
	8.01		0.267	-0.008	621.0
188.119	2.03			0.001	
					1437.4
97	28.36	406.4	0.331	0.000	1488.8
	1660.1	32.8	0.313	-0.016	725.1
	195.1	1153.3	0.332	-0.003	315.8
	1453.4	0.125	0.338	-0.004	293.1
	8.19		0.269	-0.007	639.9
190.119	2.53			-0.010	
					1381.9
98	28.25	403.2	0.343	0.000	1488.1
	1567.8	32.3	0.335	-0.002	775.2
	180.0	1156.7	0.346	-0.001	313.7
	1438.6	0.124	0.338	-0.005	294.0
	8.09		0.269	-0.004	632.1
192.119	2.18			-0.006	
					1341.7
99	24.26	403.8	0.333	0.000	1524.9
	1889.5	33.3	0.328	-0.011	789.5
	185.6	1152.6	0.343	-0.005	311.7
	1442.6	0.092	0.338	0.001	293.5
	8.00		0.266	-0.014	646.1
194.119	2.27			-0.005	
					1264.2
100	28.17	410.5	0.344	0.000	1588.3
	1642.2	33.4	0.315	-0.007	808.8
	187.5	1154.7	0.361	-0.003	316.3
	1451.6	0.124	0.345	-0.003	294.1
	8.01		0.267	-0.009	613.2
196.119	2.35			0.001	
					1449.4

					34
101	27.11	410.6	0.342	0.000	1574.0
	1639.4	32.9	0.312	-0.010	815.9
	186.9	1156.2	0.356	-0.008	321.0
	1447.9	0.114	0.348	-0.007	293.7
	8.16		0.263	-0.007	595.4
198.119	2.48			0.001	
					1461.5
102	25.47	410.7	0.339	0.000	9999.9
	1597.9	32.3	0.328	-0.006	820.8
	174.0	1154.0	0.342	-0.007	319.2
	1446.4	0.101	0.345	-0.002	295.0
	8.04		0.266	-0.012	593.1
200.119	2.42			0.002	
					1424.9
103	26.58	414.2	0.351	0.000	9999.9
	1655.0	33.9	0.327	0.003	836.4
	180.3	1156.0	0.358	-0.008	320.1
	1442.6	0.110	0.350	-0.002	295.2
	8.03		0.262	-0.003	596.7
202.119	2.27			-0.003	
					1397.5
104	26.76	414.4	0.339	0.000	9999.9
	1466.8	33.5	0.334	-0.003	865.5
	168.3	1152.8	0.352	0.005	317.7
	1457.1	0.112	0.350	0.000	295.1
	8.20		0.261	-0.006	596.3
204.119	2.36			-0.004	
					1365.1
105	27.46	413.8	0.352	0.000	9999.9
	1377.6	34.2	0.319	-0.003	852.9
	168.0	1155.0	0.339	-0.006	321.5
	1450.4	0.117	0.356	0.006	293.7
	8.06		0.265	-0.002	595.1
206.119	2.53			-0.006	
					1326.2
106	23.86	411.5	0.321	0.000	9999.9
	1901.8	33.5	0.320	-0.004	875.7
	187.5	1154.0	0.356	-0.004	322.0
	1458.4	0.089	0.351	-0.006	295.1
	8.16		0.268	0.006	590.9
208.119	2.45			-0.001	
					1317.7

					34
107	26.84	416.4	0.343	0.000	9999.9
	1623.3	34.0	0.324	0.004	858.0
	181.8	1155.2	0.353	0.002	324.7
	1462.6	0.112	0.354	0.002	295.3
	8.19		0.271	0.005	586.9
210.119	2.44			-0.005	
					1444.0
108	26.89	417.1	0.342	0.000	9999.9
	1436.7	33.6	0.317	0.001	876.6
	169.6	1155.2	0.351	0.002	327.1
	1444.9	0.112	0.351	0.003	295.6
	8.11		0.270	0.001	583.8
212.119	2.46			-0.003	
					1444.7
109	26.80	415.3	0.329	0.000	376.7
	1586.6	34.1	0.316	0.004	891.1
	183.7	1152.1	0.356	0.001	327.5
	1454.1	0.112	0.353	0.002	295.6
	8.18		0.275	0.002	592.4
214.119	2.61			-0.003	
					1427.1
110	26.58	408.8	0.347	0.000	9999.9
	1390.5	35.1	0.316	0.002	917.0
	166.7	1150.9	0.346	-0.005	327.3
	1465.6	0.110	0.350	0.001	295.0
	8.20		0.279	-0.002	594.1
216.119	2.62			-0.004	
					1419.0
111	25.41	408.6	0.336	0.000	9999.9
	1634.9	33.5	0.324	0.002	939.1
	177.4	1148.9	0.338	-0.001	326.6
	1451.6	0.101	0.352	-0.001	294.4
	8.15		0.279	0.001	599.0
218.119	2.46			0.002	
					1434.8
112	26.77	418.8	0.327	0.000	9999.9
	1484.9	34.6	0.333	-0.007	972.1
	173.0	1149.4	0.356	-0.004	327.6
	1437.6	0.112	0.351	0.009	295.3
	8.03		0.282	-0.003	602.2
220.119	2.46			-0.002	
					1449.6

					34
113	24.12	405.5	0.336	0.000	9999.9
	1545.6	34.6	0.312	-0.001	1005.6
	167.7	1150.9	0.359	-0.001	328.4
	1461.4	0.091	0.350	0.002	296.1
	8.12		0.280	-0.001	604.0
222.119	2.62			0.001	
					1433.7
114	28.13	419.2	0.327	0.000	9999.9
	1330.5	35.1	0.332	0.003	1051.4
	167.4	1151.4	0.362	-0.002	328.7
	1468.1	0.124	0.351	0.001	296.1
	8.10		0.282	0.030	600.5
224.119	2.63			0.001	
					1412.9
115	26.87	410.1	0.321	0.000	9999.9
	1453.7	35.1	0.339	0.005	1076.0
	175.5	1153.1	0.362	0.009	330.8
	1446.6	0.112	0.348	0.005	295.6
	8.18		0.281	0.001	605.6
226.119	2.65			-0.002	
					1380.0
116	28.12	415.6	0.349	0.000	9999.9
	1181.9	34.1	0.337	0.003	1087.1
	155.7	1155.0	0.363	0.001	327.5
	1466.4	0.123	0.349	0.001	296.2
	8.06		0.280	0.001	611.2
228.119	2.65			-0.000	
					1436.3
117	25.28	419.7	0.335	0.000	9999.9
	1635.4	35.2	0.338	0.001	1132.4
	175.5	1156.7	0.361	0.002	329.5
	1454.4	0.099	0.349	0.003	296.3
	7.96		0.279	0.006	611.7
230.119	2.48			0.001	
					1451.2
118	27.96	413.5	0.351	0.000	9999.9
	1423.3	34.7	0.337	0.005	1219.2
	177.1	1158.4	0.360	0.002	331.7
	1443.1	0.121	0.351	0.001	295.0
	8.13		0.277	0.005	615.5
232.119	2.62			0.004	
					1417.6

					34
119	27.07	418.7	0.327	0.000	9999.9
	1236.7	33.6	0.343	0.003	1306.6
	156.7	1161.9	0.350	0.002	329.4
	1460.9	0.113	0.347	0.001	295.1
	8.10		0.276	0.003	617.1
234.119	2.62			0.004	
					1414.1
120	27.01	413.8	0.351	0.000	9999.9
	1534.4	35.2	0.339	0.003	1576.3
	177.4	1161.1	0.353	0.000	331.3
	1446.6	0.113	0.351	0.001	297.0
	8.10		0.272	0.004	623.5
236.119	2.46			0.004	
					1371.1
121	27.06	411.7	0.339	0.000	9999.9
	1458.5	34.8	0.339	0.002	9999.9
	170.5	1160.8	0.346	-0.000	331.8
	1458.9	0.113	0.353	-0.000	295.8
	8.12		0.272	0.000	621.2
238.119	2.46			0.000	
					1389.4
122	29.58	413.0	0.352	0.000	9999.9
	1382.7	34.7	0.341	0.000	9999.9
	178.7	1157.5	0.353	-0.001	329.8
	1449.6	0.136	0.352	0.004	298.3
	7.99		0.271	0.004	629.5
240.119	2.63			0.001	
					1431.0
123	30.78	414.9	0.337	0.000	9999.9
	1305.1	35.0	0.340	0.001	9999.9
	175.9	1159.1	0.349	0.000	335.9
	1451.4	0.147	0.349	0.012	298.8
	8.11		0.274	0.003	634.0
242.119	2.57			0.004	
					1405.8
124	29.55	420.6	0.344	0.000	9999.9
	1121.7	34.9	0.327	0.001	9999.9
	156.3	1154.7	0.354	0.001	332.1
	1443.1	0.136	0.348	-0.003	295.7
	8.05		0.273	-0.000	639.7
244.119	2.59			0.003	
					1364.3

					34
125	30.77	410.8	0.343	0.000	9999.9
	1069.6	34.7	0.337	-0.001	9999.9
	155.7	1154.5	0.355	0.004	333.9
	1458.8	0.147	0.352	-0.001	298.1
	7.97		0.273	0.010	641.8
246.119	2.69			0.003	
					1313.1
126	29.34	411.2	0.348	0.000	9999.9
	1311.5	35.4	0.329	0.006	9999.9
	169.2	1153.8	0.354	0.005	337.1
	1471.6	0.134	0.355	0.002	297.0
	8.06		0.274	0.005	648.0
248.119	2.61			0.004	
					1439.8

ARC POWER OFF

MODEL 24

2-MW PJ FACILITY CONCRETE SAMPLE TEST NO 188 - RUN NO. 35

POINT NO / TIME SEC	FAC. OPERATING PARAMETERS: GAS FLO-G/S; ENTHALPY-CAL/G; CURRENT-AMPS; VOLTS; WATER FLO-L/S; WATER DT-DEG K	PRES-N/CM 2: HEATER MAN; ARC CHAMB; VENTURI; VENTURI DP	PROBE 1 PRESS N/CM 2	PROBE 1 HEAT IFLUX KW/CM 2	MODEL 1 TEMP DEG K: TC-1; TC-2; TC-3; TC-4; TC-5; TC-6; TC-7; PYROM
					35
1	31.94	382.3	0.000	0.000	298.4
	1062.6	31.8	0.000	0.146	296.5
	161.5	1159.0	0.000	0.132	296.4
	1397.5	0.158	0.000	0.112	296.0
	8.19		0.000	0.115	296.5
0.000	2.44			0.017	299.4
					0.0
2	31.63	381.8	0.138	0.000	301.9
	1036.6	31.4	1.499	0.146	296.4
	159.2	1162.9	1.899	0.135	296.0
	1393.8	0.155	1.611	0.122	293.9
	8.18		0.160	0.109	295.8
0.116	2.48			0.017	299.7
					0.0
3	31.48	381.7	0.157	0.000	302.5
	1052.5	31.7	1.509	0.156	296.4
	159.2	1161.7	1.919	0.136	296.0
	1398.3	0.153	1.626	0.114	296.0
	8.07		0.177	0.114	296.3
2.119	2.49			0.017	299.0
					0.0
4	31.65	378.8	0.168	0.000	303.3
	1039.5	31.9	1.503	0.155	296.9
	159.4	1160.8	1.929	0.135	292.5
	1396.3	0.155	1.619	0.108	296.0
	8.17		0.184	0.111	296.2
4.119	2.49			0.016	298.3
					0.0
					35
5	32.30	381.8	0.175	0.000	303.7
	1021.4	32.0	1.505	0.149	291.5
	159.3	1162.7	1.920	0.136	296.0
	1397.5	0.161	1.625	0.114	296.0
	8.13		0.188	0.110	296.3
6.119	2.49			0.017	299.0
					0.0
6	31.91	377.6	0.177	0.000	305.1
	1031.4	32.0	1.503	0.149	295.2
	159.8	1160.7	1.928	0.136	293.9
	1391.3	0.158	1.627	0.111	293.6
	8.17		0.190	0.118	296.6
8.119	2.48			0.017	299.7
					0.0
7	31.77	376.4	0.177	0.000	305.2
	1036.8	32.0	1.511	0.150	295.7
	159.3	1160.2	1.919	0.136	292.6
	1392.0	0.156	1.627	0.109	293.3
	8.12		0.192	0.117	296.5
10.119	2.47			0.016	300.9
					0.0
8	31.71	379.8	0.184	0.000	305.8
	1049.5	32.0	1.511	0.146	292.2
	159.2	1162.0	1.924	0.131	296.0
	1400.6	0.155	1.626	0.110	296.0
	8.12		0.193	0.111	296.5
12.119	2.47			0.016	300.7
					0.0
9	31.77	382.6	0.186	0.000	306.4
	1034.4	32.0	1.505	0.149	292.3
	159.8	1163.2	1.912	0.134	296.3
	1387.5	0.156	1.620	0.111	293.9
	8.19		0.193	0.113	296.3
14.119	2.46			0.017	302.0
					0.0
10	31.48	376.7	0.189	0.000	307.0
	1056.4	32.0	1.514	0.152	296.1
	159.8	1162.0	1.919	0.138	296.4
	1394.8	0.153	1.631	0.113	296.0
	8.15		0.190	0.114	296.6
16.119	2.46			0.017	302.4
					0.0
					35
11	32.16	379.5	0.188	0.000	305.5
	1032.8	32.0	1.509	0.150	292.8
	159.6	1165.4	1.922	0.135	296.4
	1393.3	0.159	1.634	0.110	293.4
	8.13		0.191	0.111	296.8
18.119	2.45			0.016	302.4
					0.0
12	31.61	379.7	0.193	0.000	308.6
	1051.5	32.0	1.513	0.150	289.6
	159.4	1164.6	1.923	0.129	294.3
	1398.3	0.154	1.626	0.111	294.0
	8.16		0.193	0.115	296.9
20.119	2.46			0.016	301.7
					0.0
13	32.32	383.1	0.299	0.000	308.0
	1035.8	32.0	0.945	0.014	296.1
	159.6	1164.2	1.006	0.009	292.4
	1399.0	0.161	0.877	0.009	293.2
	8.23		0.209	0.006	294.9
22.119	2.42			0.003	300.0
					0.0
14	31.89	373.1	0.306	0.000	323.4
	1034.8	32.0	0.484	0.017	304.3
	159.2	1165.6	0.500	0.006	298.9
	1393.3	0.157	0.456	0.004	297.9
	8.20		0.232	0.008	365.8
24.119	2.44			0.006	339.2
					0.0
15	32.45	383.4	0.314	0.000	335.2
	1014.0	32.0	0.388	0.015	292.0
	160.5	1167.3	0.388	0.008	299.3
	1366.8	0.162	0.360	0.005	299.7
	8.19		0.246	0.014	404.5
26.119	2.38			0.005	365.0
					1117.8
16	31.03	373.5	0.324	0.000	336.6
	1077.8	32.0	0.349	0.008	299.8
	160.0	1165.6	0.352	0.009	296.8
	1389.8	0.148	0.331	0.004	300.1
	8.23		0.251	0.009	412.5
28.119	2.40			0.005	368.8
					1216.3
					35
17	32.34	380.3	0.320	0.000	341.4
	1018.7	31.5	0.351	0.009	301.8
	159.1	1165.6	0.338	0.005	297.3
	1391.8	0.161	0.316	0.005	299.1
	8.09		0.255	0.006	390.9
30.119	2.47			0.002	358.6
					1268.4
18	32.05	376.9	0.326	0.000	357.5
	1027.1	32.0	0.343	0.009	297.7
	158.7	1166.9	0.334	0.005	296.6
	1394.0	0.158	0.319	0.005	297.4
	8.08		0.256	0.001	378.3
32.119	2.47			0.004	352.0
					1294.2
19	32.61	376.9	0.314	0.000	368.9
	1041.7	32.0	0.334	0.003	301.0
	158.7	1166.4	0.320	0.003	294.6
	1391.0	0.164	0.317	0.004	297.5
	8.17		0.254	0.005	365.4
34.119	2.30			0.003	346.7
					1309.4
20	31.14	377.0	0.322	0.000	375.9
	1082.7	32.0	0.327	0.003	297.4
	161.4	1167.3	0.327	0.004	295.7
	1395.5	0.149	0.312	0.004	297.6
	8.18		0.257	0.001	351.5
36.119	2.46			0.004	340.3
					1313.8
21	32.50	383.7	0.324	0.000	381.0
	1042.4	31.6	0.324	0.004	303.1
	163.1	1167.8	0.331	0.001	298.2
	1384.8	0.163	0.319	0.004	296.5
	8.18		0.258	0.004	343.8
38.119	2.46			0.002	334.4
					1323.3
22	30.80	383.8	0.314	0.000	382.5
	1093.1	31.5	0.341	0.005	306.6
	161.4	1165.9	0.327	0.002	294.6
	1395.0	0.146	0.321	0.003	295.2
	8.16		0.256	0.003	332.8
40.119	2.47			0.003	327.4
					1322.8

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					35
23	31.27	383.8	0.309	0.000	382.6
	1071.7	32.1	0.342	0.005	301.3
	158.5	1166.1	0.333	0.003	297.5
	1395.5	0.151	0.318	0.003	296.3
	8.16		0.258	0.003	327.8
42.119	2.38			0.004	323.3
					1320.3
24	31.12	383.9	0.322	0.000	381.6
	1056.2	32.1	0.344	0.005	306.7
	158.7	1168.6	0.331	0.006	297.0
	1394.8	0.149	0.320	0.008	295.9
	8.18		0.262	0.005	321.2
44.119	2.45			0.004	318.7
					1307.8
25	31.07	384.1	0.314	0.000	378.1
	1077.0	32.1	0.339	0.007	306.9
	160.8	1165.1	0.333	0.007	296.6
	1392.8	0.149	0.318	0.005	295.5
	8.20		0.261	0.001	315.4
46.119	2.45			0.003	313.8
					1308.2
26	32.37	384.1	0.323	0.000	375.6
	1039.3	31.6	0.345	0.004	316.6
	159.9	1168.1	0.334	0.002	296.0
	1401.5	0.161	0.321	0.003	295.2
	8.15		0.261	0.002	312.2
48.119	2.45			0.002	311.1
					1316.2
27	31.44	381.0	0.329	0.000	379.3
	1038.6	32.1	0.347	0.003	319.5
	158.7	1168.3	0.335	0.003	296.7
	1399.8	0.154	0.320	0.002	295.0
	8.23		0.262	0.002	309.0
50.119	2.46			0.003	307.7
					1305.8
28	30.82	374.6	0.332	0.000	372.3
	1083.4	32.1	0.336	0.005	327.6
	160.6	1166.9	0.333	0.002	296.6
	1394.5	0.146	0.321	0.004	294.8
	8.22		0.264	0.008	306.5
52.119	2.45			0.003	306.1
					1314.3

					35
29	31.88	381.6	0.325	0.000	372.1
	1020.2	32.2	0.345	0.005	332.8
	159.0	1168.1	0.335	0.003	296.5
	1387.5	0.156	0.320	0.001	294.6
	8.24		0.263	0.017	306.1
54.119	2.43			0.003	303.7
					1378.1
30	32.63	384.7	0.317	0.000	373.6
	1022.0	32.2	0.346	0.009	332.6
	158.7	1167.6	0.334	0.003	295.0
	1401.3	0.164	0.322	0.001	293.8
	8.03		0.260	0.004	303.7
56.119	2.47			0.003	301.7
					1338.1
31	31.87	382.7	0.328	0.000	376.4
	1057.8	32.2	0.346	0.005	335.8
	161.9	1167.1	0.334	0.004	295.9
	1397.5	0.156	0.319	0.001	293.2
	8.24		0.265	0.004	303.6
58.119	2.47			0.002	300.9
					1335.6
32	31.67	384.7	0.329	0.000	379.7
	1039.7	32.1	0.338	0.005	341.3
	159.1	1165.7	0.335	0.002	296.3
	1399.0	0.155	0.325	0.001	296.3
	8.20		0.263	-0.000	302.0
60.119	2.48			0.002	299.3
					1332.4
33	32.62	378.4	0.331	0.000	384.3
	1004.4	32.2	0.347	0.007	339.9
	159.0	1167.1	0.335	0.001	296.0
	1400.0	0.164	0.325	0.001	296.2
	8.24		0.264	0.001	301.6
62.119	2.48			0.002	299.1
					1323.2
34	31.32	381.8	0.322	0.000	389.8
	1061.2	32.2	0.346	0.006	337.8
	159.0	1166.6	0.336	0.002	291.9
	1394.3	0.151	0.325	0.002	294.2
	8.22		0.264	-0.002	302.8
64.119	2.40			0.002	298.0
					1336.0

					35
35	31.93	384.9	0.329	0.000	395.5
	1061.8	32.2	0.348	0.002	346.4
	162.1	1167.9	0.337	0.002	293.3
	1399.0	0.157	0.321	0.002	293.8
	8.15		0.261	-0.000	303.5
66.119	2.49			0.002	297.3
					1319.1
36	31.57	385.4	0.332	0.000	402.3
	1044.3	32.2	0.348	0.002	348.1
	159.2	1168.5	0.335	0.002	293.7
	1399.8	0.153	0.326	0.002	294.1
	8.13		0.266	0.003	304.3
68.119	2.50			0.003	297.0
					1298.0
37	31.50	382.3	0.332	0.000	406.7
	1040.6	32.2	0.350	0.004	346.3
	158.9	1170.0	0.339	0.000	292.3
	1404.5	0.152	0.325	-0.007	294.1
	8.19		0.263	0.002	303.9
70.119	2.51			0.002	296.6
					1302.8
38	30.43	385.7	0.322	0.000	417.6
	1068.9	32.3	0.344	0.004	347.2
	158.7	1169.6	0.339	0.001	295.6
	1397.8	0.142	0.328	0.003	294.0
	8.19		0.267	0.003	305.3
72.119	2.50			0.002	297.0
					1286.9
39	31.52	385.6	0.327	0.000	426.4
	1041.8	32.2	0.350	0.004	344.6
	159.4	1167.8	0.339	0.003	295.9
	1395.5	0.153	0.326	0.002	296.0
	8.12		0.266	0.001	306.6
74.119	2.51			0.003	296.5
					1282.3
40	31.84	385.9	0.328	0.000	416.3
	1026.8	32.3	0.342	0.003	349.6
	159.1	1168.1	0.338	0.002	297.7
	1392.0	0.156	0.329	0.001	296.0
	8.17		0.268	-0.005	307.2
76.119	2.50			0.003	296.0
					1271.3

					35
41	31.21	383.0	0.330	0.000	447.8
	1056.1	32.3	0.352	0.004	353.4
	159.7	1165.1	0.340	0.003	298.0
	1396.8	0.159	0.325	0.004	294.0
	8.14		0.263	0.001	308.0
78.119	2.51			0.003	296.6
					1229.4
42	29.99	382.8	0.336	0.000	461.0
	1097.4	32.0	0.352	0.005	354.3
	159.2	1164.9	0.341	0.001	298.5
	1396.8	0.139	0.327	0.001	294.0
	8.19		0.269	0.004	308.5
80.119	2.49			0.002	296.7
					1197.7
43	30.79	386.1	0.337	0.000	476.5
	1054.4	32.3	0.351	0.003	355.1
	159.6	1164.9	0.342	0.002	297.5
	1381.8	0.146	0.330	0.001	294.0
	8.13		0.269	0.005	310.2
82.119	2.49			0.001	296.5
					1176.1
44	31.64	386.4	0.336	0.000	495.5
	1038.0	32.3	0.354	0.004	352.6
	159.5	1166.8	0.343	-0.000	299.2
	1396.0	0.154	0.329	0.002	294.1
	8.24		0.271	0.001	311.1
84.119	2.48			0.003	295.1
					1144.3
45	31.01	386.4	0.330	0.000	515.7
	1068.0	32.1	0.355	0.003	355.7
	159.0	1164.2	0.343	0.004	298.6
	1402.8	0.148	0.331	0.000	294.0
	8.15		0.272	0.002	313.5
86.119	2.48			0.001	296.0
					1145.1
46	31.66	386.5	0.335	0.000	540.7
	1051.5	32.4	0.353	0.006	357.6
	159.0	1164.9	0.344	0.002	300.5
	1406.3	0.155	0.332	0.004	294.1
	8.19		0.273	0.005	313.6
88.119	2.47			0.003	296.3
					1131.2

					35
47	31.01	386.7	0.325	0.000	568.9
	1072.1	32.4	0.352	0.001	358.3
	161.1	1164.2	0.343	0.003	301.0
	1393.3	0.148	0.331	0.003	296.0
	8.25		0.271	0.002	315.1
90.119	2.48			0.003	295.8
					1121.9
48	31.90	377.3	0.340	0.000	603.2
	1060.9	32.0	0.356	0.005	359.3
	160.7	1166.3	0.343	0.002	301.6
	1401.3	0.157	0.330	0.005	294.1
	8.04		0.272	0.002	317.3
92.119	2.48			0.003	296.6
					1106.6
49	30.76	386.7	0.338	0.000	642.7
	1087.1	32.4	0.341	0.003	356.3
	160.8	1166.1	0.343	0.012	300.9
	1402.0	0.146	0.331	0.000	294.1
	8.19		0.272	0.003	318.9
94.119	2.50			0.002	296.6
					1098.7
50	31.40	383.8	0.340	0.000	677.2
	1067.2	32.4	0.348	0.006	361.1
	160.4	1166.3	0.342	0.002	301.7
	1403.3	0.152	0.328	0.001	294.3
	8.09		0.271	-0.001	321.4
96.119	2.51			0.003	296.7
					1206.5
51	30.93	384.1	0.341	0.000	702.8
	1075.1	32.4	0.348	0.002	358.6
	159.5	1165.2	0.344	0.004	302.3
	1404.5	0.148	0.334	0.003	294.1
	8.13		0.274	0.004	321.6
98.119	2.50			0.004	296.7
					1506.6
52	30.41	387.7	0.340	0.000	725.8
	1085.3	32.4	0.355	0.004	356.4
	159.4	1164.4	0.346	0.002	304.3
	1401.0	0.143	0.331	0.002	293.5
	8.20		0.273	0.003	323.6
100.119	2.48			0.003	297.0
					1456.7
53	30.87	384.7	0.333	0.000	35 743.4
	1078.7	32.4	0.355	0.003	364.6
	160.4	1164.1	0.344	0.002	305.2
	1401.5	0.147	0.333	0.003	293.7
	8.24		0.274	0.004	325.6
102.119	2.48			0.003	297.0
					1459.2
54	29.56	387.4	0.334	0.000	758.0
	1133.7	32.5	0.351	0.003	359.3
	160.8	1161.7	0.346	0.005	305.8
	1406.5	0.135	0.331	0.003	294.2
	8.22		0.276	0.000	327.0
104.119	2.50			0.004	297.4
					1334.1
55	28.15	387.9	0.339	0.000	770.1
	1165.2	32.5	0.341	0.006	364.5
	159.9	1158.8	0.346	0.000	306.5
	1396.8	0.123	0.335	0.002	294.2
	8.19		0.277	0.005	328.9
106.119	2.51			0.001	297.3
					1339.4
56	31.55	387.9	0.326	0.000	781.0
	1054.2	32.5	0.342	0.002	370.0
	160.4	1156.8	0.346	0.000	307.4
	1410.8	0.155	0.335	0.001	294.2
	8.28		0.279	0.003	331.4
108.119	2.52			0.003	298.8
					1325.2
57	30.73	388.1	0.328	0.000	791.0
	1085.9	32.5	0.337	0.007	372.7
	161.1	1156.9	0.346	-0.001	308.3
	1406.0	0.147	0.316	0.002	294.2
	8.24		0.278	0.003	334.0
110.119	2.52			0.004	299.1
					1308.7
58	29.88	388.2	0.141	0.000	802.0
	1098.5	32.5	0.328	0.002	375.0
	159.6	1156.6	0.346	-0.000	308.1
	1404.3	0.139	0.338	0.002	294.3
	8.32		0.276	0.002	336.2
112.119	2.53			-0.001	299.1
					1277.7

					35
59	30.84	388.6	0.344	0.000	809.0
	1077.4	32.6	0.336	0.004	378.7
	160.3	1158.0	0.343	0.000	308.8
	1400.5	0.148	0.340	0.001	296.2
	8.20		0.275	0.004	336.8
114.119	2.52			0.003	299.5
					1276.0
60	30.69	389.1	0.347	0.000	820.2
	1096.1	32.1	0.338	0.002	378.5
	160.8	1157.8	0.346	0.000	311.2
	1409.0	0.146	0.342	0.003	294.3
	8.18		0.274	0.005	337.4
116.119	2.51			0.003	300.1
					1249.8
61	30.37	389.0	0.345	0.000	835.2
	1079.3	32.6	0.340	0.004	385.4
	159.6	1158.0	0.349	0.004	312.2
	1403.0	0.143	0.347	0.007	296.3
	8.27		0.273	0.001	338.1
118.119	2.51			0.003	299.2
					1224.1
62	31.45	389.1	0.348	0.000	842.8
	1050.2	32.6	0.340	0.008	389.4
	159.2	1159.7	0.342	0.002	313.3
	1409.8	0.153	0.342	0.005	294.3
	8.23		0.272	0.006	340.3
120.119	2.51			0.001	299.8
					1195.5
63	30.55	389.3	0.343	0.000	853.4
	1090.8	32.6	0.341	0.003	392.6
	160.5	1161.0	0.348	-0.004	314.3
	1405.3	0.144	0.346	0.001	294.3
	8.21		0.273	0.007	342.0
122.119	2.51			0.001	299.9
					1367.0
64	30.43	389.6	0.340	0.000	863.0
	1099.4	31.3	0.342	0.004	397.7
	161.2	1158.6	0.348	0.000	316.4
	1397.0	0.144	0.345	0.005	295.3
	8.11		0.272	0.004	404.4
124.119	2.51			0.003	307.4
					1366.8
65	29.85	390.0	0.341	0.000	35 878.4
	1109.8	32.1	0.343	0.003	398.4
	160.6	1158.0	0.351	0.002	317.7
	1396.3	0.138	0.346	0.001	296.7
	8.15		0.273	0.005	420.8
126.119	2.51			0.002	309.5
					1349.8
66	26.42	389.8	0.339	0.000	892.6
	1280.9	32.6	0.342	0.007	402.0
	162.1	1158.6	0.352	0.000	318.7
	1399.0	0.108	0.348	0.001	295.6
	8.08		0.272	0.001	421.2
128.119	2.52			-0.003	309.1
					1341.1
67	29.62	389.9	0.346	0.000	901.2
	1185.2	32.7	0.335	0.006	402.4
	162.6	1158.8	0.350	-0.002	319.8
	1403.5	0.136	0.347	0.002	295.2
	8.22		0.271	-0.001	408.4
130.119	2.37			-0.001	307.2
					1341.9
68	31.05	390.0	0.344	0.000	909.0
	1086.1	32.2	0.343	0.004	410.4
	160.9	1156.6	0.343	-0.000	319.7
	1408.5	0.150	0.348	0.003	295.3
	8.13		0.272	0.002	404.8
132.119	2.52			0.001	305.8
					1336.0
69	31.15	390.1	0.338	0.000	919.7
	1116.2	32.1	0.333	0.004	417.7
	165.4	1157.5	0.350	-0.007	321.0
	1396.8	0.151	0.350	0.004	294.9
	8.12		0.271	0.004	421.0
134.119	2.52			-0.002	307.7
					1343.4
70	25.94	377.9	0.341	0.000	934.5
	1321.1	32.2	0.317	0.001	415.5
	161.1	1159.0	0.333	-0.005	320.6
	1401.5	0.104	0.338	-0.001	295.4
	8.13		0.271	-0.003	420.9
136.119	2.42			-0.001	307.9
					1396.7

					35
71	26.92	387.5	0.348	0.000	947.3
	1240.2	31.7	0.323	0.006	419.9
	160.6	1159.7	0.346	-0.001	323.0
	1400.5	0.112	0.345	0.001	295.2
	8.12		0.274	0.005	397.7
138.119	2.51			-0.003	305.8
					1325.2
72	27.43	391.0	0.336	0.000	979.4
	1217.4	31.4	0.346	-0.000	420.8
	161.1	1158.5	0.354	-0.000	322.7
	1401.0	0.117	0.347	0.003	293.7
	8.08		0.272	-0.002	386.9
140.119	2.54			-0.002	302.8
					1296.4
73	29.27	387.2	0.357	0.000	1027.8
	1194.5	32.2	0.346	-0.002	429.4
	162.0	1158.0	0.340	-0.003	326.7
	1406.3	0.133	0.350	0.002	295.1
	8.18		0.273	-0.005	381.3
142.119	2.38			0.001	302.4
					1392.9
74	26.35	387.6	0.339	0.000	1131.1
	1314.0	32.2	0.348	0.001	436.3
	162.8	1157.3	0.343	0.002	328.1
	1391.5	0.108	0.347	-0.000	293.7
	8.16		0.274	-0.002	373.6
144.119	2.39			-0.005	300.1
					1400.5
75	27.56	384.3	0.336	0.000	1297.0
	1227.6	31.7	0.332	0.000	442.8
	162.6	1157.1	0.352	-0.006	329.4
	1398.8	0.118	0.347	0.001	293.5
	8.07		0.273	-0.005	365.2
146.119	2.54			-0.007	301.2
					1387.5
76	25.27	384.2	0.337	0.000	1511.1
	1308.7	31.2	0.339	-0.003	478.6
	161.2	1159.1	0.349	-0.002	326.2
	1395.0	0.099	0.352	-0.001	294.2
	8.15		0.273	-0.003	352.9
148.119	2.54			-0.004	298.5
					1405.6
77	26.95	390.8	0.331	0.000	9999.9
	1323.4	31.2	0.341	0.004	496.4
	164.9	1157.8	0.354	0.007	329.5
	1403.3	0.113	0.350	0.001	295.0
	8.22		0.270	-0.004	345.6
150.119	2.39			-0.005	299.0
					1408.1
78	29.67	388.4	0.343	0.000	9999.9
	1148.1	31.7	0.345	-0.002	498.4
	163.5	1159.0	0.349	-0.002	333.7
	1392.0	0.137	0.349	0.002	295.0
	8.17		0.269	0.001	366.8
152.119	2.56			-0.001	299.9
					1398.1
79	29.64	387.5	0.360	0.000	9999.9
	1125.3	32.5	0.351	0.002	489.9
	161.9	1160.3	0.345	-0.003	334.2
	1390.5	0.136	0.351	0.002	296.0
	8.22		0.274	0.002	343.8
154.119	2.49			0.000	298.8
					1378.1
80	26.88	392.0	0.355	0.000	9999.9
	1206.7	31.9	0.353	0.003	495.8
	159.7	1161.2	0.358	0.002	335.2
	1405.3	0.112	0.353	-0.000	295.1
	8.18		0.275	0.001	344.7
156.119	2.57			-0.001	298.8
					1352.8
81	24.88	385.2	0.342	0.000	9999.9
	1431.5	32.8	0.351	0.007	513.1
	165.3	1159.3	0.347	-0.003	338.0
	1413.3	0.096	0.354	0.001	295.2
	8.11		0.273	0.006	347.6
158.119	2.49			0.003	299.8
					1336.3
82	26.55	392.3	0.359	0.000	9999.9
	1262.7	32.3	0.344	0.002	511.5
	162.5	1160.0	0.354	0.000	338.9
	1408.5	0.109	0.357	0.008	293.9
	8.23		0.271	0.000	346.1
160.119	2.58			0.000	298.8
					1282.4

					35
83	29.88	392.3	0.357	0.000	9999.9
	1097.5	32.5	0.350	0.001	515.7
	159.4	1159.8	0.354	-0.008	339.5
	1412.8	0.138	0.359	0.004	294.2
	8.25		0.275	0.003	349.6
162.119	2.57			0.003	298.5
					1224.8
84	30.43	392.3	0.354	0.000	9999.9
	1087.9	32.8	0.352	-0.005	527.0
	158.8	1159.1	0.350	-0.000	342.6
	1420.5	0.144	0.355	0.004	295.1
	8.13		0.274	0.000	351.6
164.119	2.56			-0.002	298.2
					1211.6
85	28.98	392.3	0.361	0.000	9999.9
	1154.1	31.5	0.355	0.002	538.4
	159.9	1157.5	0.357	0.002	342.6
	1411.	0.110	0.356	0.00	298.2
	8.12		0.274	-0.002	355.9
166.119	2.54			-0.004	298.5
					1216.0
86	29.61	389.1	0.354	0.000	0.0
	1136.5	32.3	0.356	-0.001	538.7
	161.9	1161.5	0.361	-0.004	345.6
	1409.0	0.136	0.354	0.001	295.4
	8.19		0.277	-0.003	356.2
168.119	2.55			-0.001	298.8
					1389.0
87	29.86	392.1	0.365	0.000	715.9
	1211.1	31.9	0.356	0.002	533.5
	160.8	1160.8	0.358	0.008	347.0
	1421.3	0.134	0.350	0.007	295.3
	8.12		0.279	-0.000	356.9
170.119	2.34			0.002	299.5
					1385.8
88	30.57	392.9	0.358	0.000	0.0
	1103.1	32.7	0.357	-0.001	545.7
	158.7	1159.1	0.354	0.002	348.5
	1418.5	0.145	0.350	0.001	295.4
	8.03		0.280	-0.006	358.3
172.119	2.50			0.000	299.4
					1364.0
89	30.58	393.0	0.343	0.000	9999.9
	1130.5	31.4	0.358	0.000	539.1
	160.1	1159.7	0.366	-0.002	350.1
	1408.1	0.145	0.349	0.000	294.9
	8.15		0.280	-0.003	360.0
174.119	2.37			0.000	299.6
					1351.4
90	30.25	393.4	0.358	0.000	1223.5
	1079.6	31.9	0.358	0.001	549.2
	158.3	1159.1	0.361	0.002	351.7
	1414.0	0.142	0.345	0.001	295.6
	8.22		0.280	-0.001	361.8
176.119	2.54			0.000	299.9
					1352.4
91	28.81	393.6	0.359	0.000	0.0
	1170.3	32.5	0.358	-0.003	553.5
	161.7	1160.2	0.359	0.003	353.0
	1410.5	0.129	0.346	0.003	295.7
	8.16		0.278	-0.000	362.2
178.119	2.55			-0.001	299.7
					1349.2
92	29.30	393.7	0.358	0.000	9999.9
	1140.4	33.0	0.358	-0.002	558.7
	159.5	1159.7	0.360	0.001	356.7
	1419.5	0.133	0.345	0.002	295.9
	8.12		0.281	0.004	363.8
180.119	2.55			0.003	300.0
					1325.9
93	30.35	393.7	0.360	0.000	9999.9
	1126.8	32.5	0.357	0.001	569.5
	159.2	1160.3	0.367	0.004	356.3
	1412.0	0.143	0.349	0.001	296.0
	8.18		0.282	-0.000	364.1
182.119	2.39			-0.003	299.8
					1317.1
94	30.30	394.1	0.355	0.000	9999.9
	1086.9	33.1	0.359	-0.001	580.4
	158.4	1159.5	0.366	0.003	357.6
	1419.8	0.142	0.348	0.003	296.1
	8.17		0.282	-0.002	364.8
184.119	2.55			0.002	300.0
					1300.7

					35
95	28.81	394.0	0.361	0.000	9999.9
	1188.9	33.1	0.361	0.004	589.6
	160.5	1160.3	0.357	0.001	359.0
	1416.0	0.129	0.347	0.002	296.3
	8.15		0.282	-0.000	367.5
186.119	2.47			0.003	300.2
					1319.0
96	28.60	394.2	0.355	0.000	9999.9
	1184.7	32.7	0.362	0.002	601.9
	158.9	1159.1	0.364	-0.001	360.5
	1421.3	0.127	0.347	0.002	296.5
	8.14		0.282	0.004	369.1
188.119	2.47			0.001	299.8
					1290.9
97	29.89	394.2	0.361	0.000	9999.9
	1148.0	32.1	0.362	-0.004	615.6
	159.1	1157.6	0.369	0.000	362.0
	1415.8	0.139	0.344	0.007	296.6
	8.19		0.284	0.001	371.8
190.119	2.38			0.002	299.7
					1273.6
98	30.62	394.3	0.351	0.000	9999.9
	1078.7	33.1	0.361	0.002	633.3
	158.7	1159.3	0.368	0.001	363.4
	1422.3	0.145	0.346	0.004	296.9
	8.19		0.283	0.005	374.0
192.119	2.55			0.003	300.7
					1365.3
99	30.46	394.7	0.353	0.000	9999.9
	1092.4	32.5	0.361	-0.002	658.3
	159.0	1158.0	0.356	0.003	365.0
	1408.8	0.144	0.347	0.002	297.0
	8.22		0.284	0.002	375.9
194.119	2.47			0.001	300.4
					1351.0
100	29.67	394.8	0.351	0.000	9999.9
	1136.4	33.1	0.354	-0.004	686.4
	160.2	1158.6	0.369	0.001	366.1
	1417.0	0.137	0.343	0.009	296.5
	8.26		0.285	0.001	378.6
196.119	2.49			0.003	301.4
					1168.3

					35
101	29.03	394.9	0.349	0.000	9999.9
	1176.1	33.1	0.354	0.001	740.2
	158.5	1157.8	0.371	-0.002	367.5
	1423.3	0.131	0.347	0.000	297.2
	8.15		0.286	0.001	382.0
198.119	2.43			0.000	301.4
					1363.9
102	31.00	395.2	0.352	0.000	9999.9
	1046.9	31.8	0.355	-0.000	805.1
	158.7	1160.0	0.366	-0.000	368.9
	1416.8	0.149	0.349	0.002	296.6
	8.28		0.286	-0.002	385.4
200.119	2.57			0.001	302.7
					1348.4
103	31.00	395.2	0.354	0.000	9999.9
	1069.1	32.2	0.363	0.004	674.4
	158.0	1160.3	0.372	0.003	368.6
	1428.5	0.149	0.351	0.003	296.8
	8.11		0.287	-0.001	388.9
202.119	2.57			0.003	302.6
					1344.6
104	30.36	392.0	0.355	0.000	9999.9
	1118.3	32.6	0.362	0.001	946.0
	159.7	1160.7	0.361	0.008	371.5
	1416.3	0.143	0.354	0.004	297.0
	8.07		0.288	-0.003	392.8
204.119	2.49			0.001	302.6
					1323.9
105	29.84	395.7	0.357	0.000	9999.9
	1118.3	32.6	0.365	0.002	1089.4
	157.7	1160.7	0.372	0.003	372.7
	1419.5	0.138	0.356	-0.002	297.1
	8.10		0.288	-0.002	397.5
206.119	2.49			0.003	301.9
					1279.5
106	29.99	392.5	0.359	0.000	9999.9
	1107.6	33.1	0.364	0.001	1265.9
	157.3	1161.5	0.366	0.001	373.9
	1423.8	0.139	0.356	0.002	297.8
	8.14		0.289	0.010	401.6
208.119	2.50			0.002	301.6
					1262.3

					35
107	30.44	395.9	0.352	0.000	9999.9
	1065.6	32.7	0.366	0.004	9999.9
	157.4	1159.3	0.372	0.002	375.2
	1423.3	0.144	0.356	-0.001	298.3
	8.16		0.288	0.001	405.8
210.119	2.59			0.003	302.5
					1359.3
108	30.57	396.0	0.360	0.000	9999.9
	1062.7	32.6	0.369	0.004	9999.9
	157.9	1159.1	0.369	0.002	376.5
	1422.0	0.145	0.355	-0.002	297.8
	8.19		0.287	-0.002	410.9
212.119	2.59			0.001	301.8
					1333.8
109	31.02	396.2	0.362	0.000	9999.9
	1061.8	32.7	0.368	0.006	9999.9
	157.8	1158.0	0.374	0.004	377.7
	1426.3	0.149	0.355	0.001	298.9
	8.09		0.290	-0.002	416.8
214.119	2.58			0.003	302.2
					1326.2
110	30.20	396.7	0.363	0.000	9999.9
	1081.7	32.2	0.371	0.003	1437.7
	158.0	1159.7	0.375	0.003	378.9
	1422.0	0.141	0.357	0.000	298.6
	8.17		0.289	0.001	421.5
216.119	2.58			0.001	303.0
					1308.6
111	29.81	396.6	0.365	0.000	9999.9
	1105.4	32.7	0.372	-0.000	9999.9
	157.7	1158.6	0.376	0.006	379.8
	1420.8	0.138	0.356	-0.000	298.8
	8.17		0.289	0.001	428.3
218.119	2.52			0.003	301.8
					1315.7
112	29.67	395.2	0.364	0.000	9999.9
	1107.9	33.2	0.373	0.002	9999.9
	157.9	1158.6	0.366	-0.000	380.9
	1422.8	0.137	0.361	0.001	298.3
	8.08		0.291	-0.001	435.2
220.119	2.58			0.003	302.6
					1291.5

					35
113	30.40	397.0	0.367	0.000	9999.9
	1135.9	31.9	0.372	0.002	9999.9
	158.1	1159.8	0.368	0.003	382.0
	1427.8	0.143	0.360	-0.001	299.3
	7.95		0.294	0.003	444.7
222.119	2.44			0.002	302.7
					1244.3

ARC POWER OFF

2-MW PJ FACILITY CONCRETE SAMPLE TEST NO 188 - RUN NO. 36

POINT NO / TIME SEC	FAC. OPERATING PARAMETERS:		PROBE I PRESS N/CM²	PROBE I HEAT FLUX KW/CM²	MODEL I TEMP DEG K	
	GAS FLO-G/S	HEATER MAN	1	1	TC-1	
	ENTHALPY-CAL/G	ARC CHAMB	2	2	TC-2	
	CURRENT-AMPS	VENTURI	3	3	TC-3	
	VOLTS	VENTURI DP	4	4	TC-4	
	WATER FLO-L/S		5	5	TC-5	
	WATER DT-DEG K			6	TC-6	
					TC-7	
					PYROM	
1	29.54	380.8	0.000	0.000	299.1	
	1076.7	31.0	0.000	0.141	295.8	
	150.3	1176.9	0.000	0.136	294.8	
	1397.4	0.133	0.000	0.109	293.0	
	8.12		0.000	0.106	298.4	
0.000	2.27			0.016		
					0.0	
2	31.58	381.8	0.166	0.000	302.7	
	986.5	31.4	1.438	0.139	296.8	
	151.6	1174.2	1.840	0.129	294.9	
	1391.4	0.153	1.531	0.107	293.8	
	8.10		0.187	0.104	301.8	
0.116	2.38			0.012		
					0.0	
3	32.01	381.6	0.162	0.000	304.2	
	959.7	30.5	1.446	0.135	297.1	
	150.2	1175.7	1.848	0.131	296.9	
	1396.1	0.157	1.516	0.109	293.8	
	8.14		0.187	0.107	297.2	
2.119	2.38			0.013		
					0.0	
4	32.46	381.9	0.166	0.000	305.2	
	948.1	31.0	1.447	0.139	297.2	
	148.8	1175.9	1.851	0.130	296.8	
	1409.4	0.161	1.519	0.109	293.8	
	8.19		0.189	0.103	297.1	
4.119	2.37			0.014		
					0.0	
					36	
5	31.37	381.6	0.165	0.000	305.8	
	978.7	31.5	1.447	0.138	297.6	
	149.6	1175.7	1.852	0.136	294.8	
	1398.4	0.150	1.518	0.107	293.8	
	8.18		0.191	0.106	296.5	
6.119	2.36			0.014		
					0.0	
6	30.71	381.8	0.171	0.000	306.6	
	1001.7	30.6	1.452	0.141	297.7	
	149.1	1175.2	1.846	0.130	294.8	
	1402.9	0.144	1.519	0.113	293.8	
	8.20		0.188	0.105	296.2	
8.119	2.34			0.014		
					0.0	
7	30.93	381.7	0.167	0.000	307.3	
	998.6	31.1	1.449	0.141	298.0	
	149.9	1173.7	1.858	0.134	294.7	
	1399.6	0.146	1.517	0.110	293.8	
	8.24		0.190	0.105	296.1	
10.119	2.34			0.013		
					0.0	
8	32.03	379.8	0.173	0.000	308.3	
	981.4	31.6	1.451	0.141	298.2	
	150.8	1173.7	1.852	0.134	294.7	
	1404.6	0.157	1.520	0.106	293.8	
	8.22		0.191	0.105	295.8	
12.119	2.33			0.012		
					0.0	
9	30.86	382.1	0.179	0.000	307.0	
	1008.4	31.1	1.447	0.139	298.5	
	148.8	1171.8	1.852	0.131	294.7	
	1404.1	0.146	1.520	0.111	293.9	
	8.13		0.190	0.108	295.8	
14.119	2.32			0.015		
					0.0	PROBE OUT
10	31.38	382.0	0.284	0.000	307.3	MODEL IN
	1011.1	31.6	0.862	0.012	296.9	
	152.3	1172.9	0.913	0.006	293.7	
	1392.1	0.151	0.794	0.008	293.4	
	8.13		0.204	0.005	0.0	
16.119	2.33			0.002		
					0.0	

					36
11	30.64	382.0	0.297	0.000	332.5
	1032.3	31.6	0.470	0.017	316.9
	151.5	1172.9	0.468	0.012	306.8
	1397.6	0.144	0.429	0.009	297.5
	8.14		0.220	0.003	385.5
18.119	2.33			0.005	
					0.0
12	30.77	378.9	0.306	0.000	345.7
	1038.1	31.7	0.364	0.013	325.7
	151.7	1172.5	0.369	0.008	311.5
	1399.6	0.145	0.347	0.009	298.8
	8.14		0.228	0.016	422.7
20.119	2.31			0.005	
					1108.7
13	32.01	378.8	0.304	0.000	350.7
	1018.6	30.7	0.331	0.009	325.7
	154.9	1172.2	0.326	0.002	311.4
	1394.1	0.157	0.318	0.004	298.6
	8.20		0.231	-0.002	435.2
22.119	2.32			0.000	
					1211.4
14	30.67	382.3	0.317	0.000	349.2
	1037.7	30.7	0.319	0.006	328.2
	153.5	1171.7	0.319	0.005	311.3
	1386.9	0.144	0.316	0.002	299.4
	8.21		0.234	0.001	433.3
24.119	2.32			0.002	
					1291.2
15	30.32	379.2	0.316	0.000	349.6
	1054.3	30.2	0.306	0.004	325.7
	154.0	1170.1	0.307	0.002	310.7
	1386.6	0.141	0.309	0.004	299.0
	8.15		0.235	0.000	420.7
26.119	2.34			0.001	
					1293.9
16	30.86	376.8	0.323	0.000	356.3
	1069.4	30.7	0.311	0.003	320.7
	154.9	1172.0	0.312	0.004	309.0
	1387.1	0.146	0.313	0.002	297.9
	8.12		0.236	0.001	410.3
28.119	2.26			0.001	
					1328.1
					36
17	30.30	382.6	0.315	0.000	363.4
	1113.5	31.8	0.310	0.003	322.5
	157.7	1172.5	0.299	-0.002	305.0
	1388.6	0.141	0.310	0.004	298.2
	8.06		0.235	0.007	398.1
30.119	2.29			0.000	
					1353.6
18	31.32	382.7	0.322	0.000	372.7
	1027.4	31.3	0.307	0.003	322.6
	155.9	1168.8	0.302	0.005	306.7
	1387.4	0.151	0.308	0.002	297.8
	8.17		0.236	0.002	388.5
32.119	2.39			0.003	
					1372.1
19	30.89	383.0	0.313	0.000	375.2
	1077.7	31.2	0.309	0.005	325.4
	156.9	1170.5	0.310	0.002	305.5
	1391.4	0.146	0.307	0.006	297.4
	8.05		0.236	0.007	379.2
34.119	2.35			-0.003	
					1364.7
20	32.82	383.1	0.319	0.000	380.8
	973.8	31.8	0.309	-0.004	328.6
	152.7	1169.0	0.298	0.002	304.2
	1390.9	0.165	0.303	0.003	296.9
	8.09		0.236	-0.004	370.0
36.119	2.33			0.003	
					1361.5
21	29.10	383.1	0.307	0.000	383.1
	1076.3	30.6	0.303	0.001	339.6
	152.3	1169.3	0.305	0.002	303.4
	1403.4	0.130	0.304	0.003	296.8
	8.18		0.237	-0.001	365.5
38.119	2.42			-0.001	
					1339.5
22	31.34	380.8	0.311	0.000	382.9
	976.7	30.6	0.307	0.001	340.4
	145.5	1170.1	0.305	0.006	302.4
	1409.4	0.151	0.300	0.008	295.7
	8.17		0.236	0.003	359.9
40.119	2.26			0.001	
					1336.1

					36
23	30.90	383.3	0.307	0.000	386.9
	964.7	30.0	0.305	0.001	345.2
	143.1	1168.3	0.302	0.000	301.6
	1421.4	0.147	0.304	-0.001	294.7
	8.12		0.237	-0.003	358.8
42.119	2.32			0.002	
					1333.4
24	30.76	380.1	0.307	0.000	390.9
	1076.1	31.8	0.308	-0.000	343.7
	151.1	1168.1	0.305	0.005	300.3
	1403.9	0.146	0.302	-0.002	295.7
	8.18		0.238	0.003	352.2
44.119	2.16			-0.002	
					1325.2
25	30.99	383.5	0.295	0.000	387.7
	1042.0	30.6	0.302	0.001	342.9
	153.3	1167.9	0.312	0.005	299.6
	1402.4	0.148	0.304	0.004	295.4
	8.09		0.238	0.007	349.5
46.119	2.36			-0.004	
					1338.4
26	32.33	383.8	0.307	0.000	395.1
	1027.6	32.0	0.304	0.001	342.0
	155.0	1166.4	0.306	0.001	299.1
	1396.9	0.161	0.303	0.000	295.1
	8.18		0.238	0.004	344.0
48.119	2.27			0.002	
					1347.3
27	32.47	380.5	0.305	0.000	396.4
	1006.9	32.0	0.300	0.000	341.6
	154.0	1167.4	0.305	-0.002	297.7
	1401.4	0.162	0.301	0.004	295.0
	8.06		0.239	0.002	341.2
50.119	2.35			0.001	
					1354.5
28	32.82	384.1	0.294	0.000	403.8
	979.2	31.4	0.307	-0.000	341.1
	154.2	1167.1	0.311	0.003	298.8
	1399.9	0.166	0.302	0.003	294.8
	8.26		0.239	-0.003	335.1
52.119	2.36			-0.001	
					1358.2

					36
29	32.20	384.3	0.303	0.000	412.5
	1018.0	30.5	0.308	0.007	340.4
	153.3	1167.1	0.307	0.001	298.6
	1399.9	0.160	0.302	0.002	293.8
	8.12		0.238	0.006	327.6
54.119	2.28			0.001	
					1354.2
30	33.23	380.9	0.302	0.000	412.0
	976.0	3 1 5	0 3 89	- 0	3 -
	154.2	1165.1	0.309	-0.001	297.5
	1400.1	0.170	0.304	0.001	294.6
	8.13		0.237	-0.004	321.6
56.119	2.36			-0.002	
					1350.8
31	32.00	384.3	0.297	0.000	422.4
	1041.1	31.5	0.307	0.002	339.8
	154.3	1165.4	0.300	0.003	299.4
	1399.9	0.158	0.303	0.002	293.4
	8.21		0.239	0.007	314.2
58.119	2.23			0.002	
					1342.2
32	31.90	384.2	0.296	0.000	428.2
	1026.4	31.5	0.309	0.004	339.5
	155.0	1164.4	0.301	0.003	300.3
	1394.1	0.157	0.303	0.002	296.4
	8.15		0.238	0.001	307.0
60.119	2.33			0.001	
					1346.8
33	30.91	384.5	0.301	0.000	435.1
	1024.5	32.0	0.301	0.003	339.6
	155.0	1165.6	0.306	0.002	301.6
	1391.6	0.147	0.303	0.002	296.3
	8.27		0.238	-0.004	302.7
62.119	2.41			0.002	
					1346.8
34	30.94	384.9	0.306	0.000	439.3
	1048.1	32.1	0.311	0.001	339.8
	155.2	1164.1	0.310	-0.000	303.3
	1392.4	0.148	0.303	0.003	296.2
	8.20		0.238	0.006	297.2
64.119	2.34			-0.000	
					1306.2

					36
35	31.75	385.0	0.305	0.000	449.8
	1026.5	31.1	0.310	0.002	339.9
	155.4	1163.7	0.306	0.002	305.2
	1394.9	0.156	0.304	0.001	296.2
	8.17		0.238	-0.002	291.2
66.119	2.35			0.002	
					1302.6
36	30.76	385.0	0.310	0.000	458.6
	1038.7	32.1	0.309	0.001	340.7
	155.5	1164.4	0.306	-0.003	307.2
	1400.6	0.146	0.304	0.002	294.1
	8.25		0.240	-0.000	0.0
68.119	2.44			-0.002	
					1290.2
37	28.83	385.0	0.306	0.000	465.7
	1113.0	31.3	0.310	-0.002	341.0
	155.0	1163.4	0.313	0.000	309.2
	1397.9	0.128	0.302	0.002	294.0
	8.08		0.239	-0.001	0.0
70.119	2.44			-0.002	
					1285.9
38	30.94	385.4	0.298	0.000	477.0
	1024.9	32.1	0.308	-0.001	341.6
	154.8	1163.9	0.311	0.004	310.9
	1395.1	0.148	0.302	0.001	294.0
	8.14		0.239	0.001	0.0
72.119	2.45			0.001	
					1276.1
39	30.70	385.4	0.299	0.000	478.6
	1034.5	32.1	0.310	0.002	341.7
	155.2	1163.7	0.307	-0.000	312.4
	1394.1	0.146	0.303	0.000	294.0
	8.15		0.241	0.008	0.0
74.119	2.45			0.002	
					1290.8
40	32.43	385.6	0.301	0.000	491.1
	1040.0	30.1	0.310	-0.001	343.2
	156.2	1161.3	0.310	0.001	313.8
	1389.9	0.163	0.306	-0.000	293.3
	8.22		0.241	-0.003	0.0
76.119	2.21			0.002	
					1272.2

					36
41	29.61	385.7	0.306	0.000	500.4
	1072.1	31.8	0.308	0.001	344.6
	154.2	1163.2	0.315	0.003	315.2
	1397.9	0.135	0.306	0.001	294.0
	8.20		0.241	0.002	0.0
78.119	2.41			-0.001	
					1264.2
42	30.92	385.9	0.297	0.000	510.0
	1005.5	32.0	0.310	0.003	345.4
	152.7	1162.7	0.308	0.001	316.7
	1400.9	0.148	0.305	0.003	293.3
	8.20		0.241	0.000	0.0
80.119	2.44			-0.001	
					1205.8
43	31.12	386.2	0.300	0.000	521.5
	1027.5	31.5	0.310	0.001	348.9
	152.7	1163.7	0.312	0.002	318.0
	1404.4	0.150	0.306	0.005	294.0
	8.12		0.241	-0.003	0.0
82.119	2.38			0.002	
					1161.4
44	31.77	386.1	0.299	0.000	531.8
	1017.1	31.9	0.308	-0.001	348.2
	150.8	1161.7	0.312	0.000	319.2
	1406.6	0.156	0.306	-0.001	294.0
	8.14		0.241	0.006	0.0
84.119	2.26			0.000	
					1120.6
45	32.39	386.0	0.303	0.000	537.6
	941.1	31.5	0.309	0.002	349.9
	150.8	1161.7	0.302	-0.000	320.4
	1407.1	0.162	0.306	0.001	293.2
	8.28		0.241	0.003	0.0
86.119	2.45			0.003	
					1099.1
46	32.33	386.3	0.299	0.000	550.0
	982.8	32.1	0.308	0.001	351.4
	150.5	1160.2	0.312	0.006	321.5
	1401.1	0.162	0.309	0.000	294.0
	8.16		0.242	0.001	0.0
88.119	2.28			0.002	
					1099.4

					36
47	32.87	386.5	0.304	0. 000	555.9
	931.5	32.0	0.307	0. 003	352.9
	150.1	1161.2	0.304	0. 003	322.5
	1404.6	0.167	0.307	0. 000	294.0
	8.11		0.243	-0. 002	0.0
90.119	2.44			-0. 001	
					1095.9
48	29.73	386.7	0.307	0. 000	564.8
	1048.3	32.1	0.310	0. 000	354.5
	151.6	1161.7	0.315	0. 000	323.2
	1402.9	0.137	0.310	0. 000	294.0
	8.05		0.244	-0. 003	0.0
92.119	2.44			0. 002	
					1099.1
49	31.82	386.8	0.303	0. 000	573.3
	1001.9	32.2	0.312	0. 004	356.3
	153.5	1161.9	0.315	0. 003	324.3
	1394.4	0.157	0.310	-0. 003	293.9
	8.19		0.244	0. 002	0.0
94.119	2.36			0. 003	
					1099.9
50	32.18	387.0	0.305	0. 000	585.0
	988.2	31.7	0.311	-0. 003	357.9
	153.8	1158.6	0.311	-0. 001	325.0
	1404.4	0.161	0.312	0. 002	293.9
	8.19		0.245	0. 000	0.0
96.119	2.42			0. 001	
					1104.2
51	31.43	386.9	0.303	0. 000	587.5
	1028.0	32.2	0.311	-0. 002	360.1
	154.8	1159.8	0.316	0. 004	325.9
	1401.9	0.153	0.309	0. 003	293.9
	8.09		0.244	0. 002	0.0
98.119	2.42			0. 002	
					1102.4
52	31.68	387.2	0.305	0. 000	599.0
	1070.9	31.7	0.311	0. 004	362.1
	156.2	1158.3	0.311	0. 003	326.9
	1406.1	0.156	0.307	0. 001	293.9
	8.18		0.244	0. 002	0.0
100.119	2.27			0. 003	
					1102.1

					36
53	32.27	387.5	0.304	0. 000	610.3
	983.8	31.7	0.311	-0. 003	364.3
	152.0	1159.0	0.287	0. 004	327.6
	1412.9	0.161	0.308	-0. 001	294.0
	8.14		0.243	-0. 001	0.0
102.119	2.41			0. 002	
					1109.1
54	32.49	387.5	0.307	0. 000	616.0
	977.3	31.6	0.315	0. 002	366.8
	150.5	1156.1	0.310	0. 006	328.6
	1418.6	0.164	0.308	0. 002	294.0
	8.16		0.243	0. 000	0.0
104.119	2.37			0. 003	
					1110.4
55	30.90	387.7	0.309	0. 000	622.0
	979.2	31.2	0.313	0. 005	368.9
	146.9	1158.0	0.312	-0. 000	329.5
	1417.1	0.148	0.307	-0. 000	294.0
	8.20		0.244	0. 002	0.0
106.119	2.38			0. 002	
					1108.4
56	30.91	387.9	0.301	0. 000	630.3
	937.2	31.4	0.314	0. 002	371.2
	147.5	1159.3	0.316	-0. 004	330.2
	1437.9	0.148	0.309	0. 002	294.1
	8.17		0.245	-0. 001	0.0
108.119	2.48			0. 000	
					1110.1
57	30.54	388.2	0.316	0. 000	641.2
	1026.3	31.3	0.314	0. 003	373.0
	150.0	1158.6	0.318	-0. 001	330.9
	1409.6	0.145	0.310	-0. 003	293.2
	8.14		0.245	-0. 000	0.0
110.119	2.36			0. 003	
					1117.3
58	31.79	388.3	0.310	0. 000	649.1
	1005.8	30.8	0.316	0. 000	375.3
	152.4	1156.4	0.313	0. 002	331.6
	1410.1	0.157	0.310	-0. 001	293.9
	8.06		0.246	-0. 001	0.0
112.119	2.41			-0. 001	
					1133.1

					36
59	32.44	388.3	0.318	0. 000	659.5
	1009.7	32.3	0.310	0. 002	377.4
	153.2	1155.6	0.318	0. 001	332.2
	1409.6	0.164	0.311	0. 002	293.9
	8.19		0.244	0. 000	0.0
114.119	2.31			-0. 002	
					1143.8
60	32.06	388.5	0.321	0. 000	664.4
	1018.1	32.3	0.317	-0. 002	379.6
	155.2	1156.8	0.319	0. 002	332.9
	1404.6	0.160	0.312	0. 000	293.9
	8.12		0.245	0. 003	0.0
116.119	2.40			0. 003	
					1150.1
61	31.57	388.7	0.318	0. 000	672.0
	1051.2	31.4	0.317	0. 003	381.4
	155.9	1156.8	0.314	0. 001	333.6
	1401.9	0.155	0.311	0. 001	293.9
	8.21		0.245	-0. 001	0.0
118.119	2.32			-0. 001	
					1153.2
62	32.28	388.6	0.328	0. 000	679.5
	1061.6	31.9	0.316	0. 003	383.9
	156.9	1156.9	0.318	0. 001	334.3
	1403.4	0.162	0.318	0. 002	294.0
	8.09		0.243	0. 007	0.0
120.119	2.27			0. 002	
					1143.3
63	32.36	388.9	0.332	0. 000	686.2
	1020.4	31.9	0.315	0. 003	386.5
	158.0	1156.3	0.320	0. 005	335.0
	1396.9	0.163	0.322	0. 001	294.0
	8.13		0.243	0. 010	0.0
122.119	2.43			0. 001	
					1139.0
64	30.14	389.2	0.343	0. 000	698.2
	1087.7	32.4	0.319	0. 002	388.9
	155.8	1156.6	0.318	0. 003	335.9
	1403.9	0.161	0.328	0. 004	294.0
	8.21		0.242	0. 001	0.0
124.119	2.38			0. 001	
					1124.9

					36
65	33.31	389.0	0.332	0. 000	703.1
	966.4	31.8	0.317	0. 007	387.4
	156.9	1152.9	0.316	0. 003	336.6
	1394.1	0.173	0.333	0. 006	294.1
	8.09		0.240	0. 003	0.0
126.119	2.48			-0. 000	
					1107.6
66	31.48	389.6	0.332	0. 000	712.7
	1005.2	32.5	0.315	0. 004	394.4
	155.7	1153.7	0.312	-0. 003	337.3
	1401.6	0.154	0.331	0. 002	294.1
	8.25		0.242	0. 005	0.0
128.119	2.49			0. 002	
					1109.6
67	31.39	387.1	0.330	0. 000	724.5
	1023.6	32.5	0.314	0. 004	397.4
	157.6	1153.7	0.315	0. 002	337.9
	1397.4	0.154	0.331	0. 003	294.1
	8.20		0.244	0. 003	0.0
130.119	2.50			0. 001	
					1094.5
68	30.79	389.9	0.314	0. 000	734.2
	1015.2	32.2	0.313	0. 004	400.6
	157.9	1153.1	0.311	0. 002	338.8
	1395.9	0.140	0.328	0. 002	294.1
	8.17		0.248	0. 005	0.0
132.119	2.51			0. 002	
					1096.0
69	32.20	390.4	0.326	0. 000	746.9
	998.8	32.5	0.310	0. 003	403.5
	156.6	1151.2	0.314	0. 002	339.3
	1408.6	0.162	0.326	0. 005	294.2
	8.18		0.251	0. 005	0.0
134.119	2.51			0. 003	
					1090.8
70	31.76	390.1	0.326	0. 000	758.2
	980.0	32.5	0.310	0. 002	406.6
	155.0	1151.2	0.314	0. 001	340.1
	1398.4	0.157	0.320	0. 001	294.2
	8.22		0.256	0. 003	0.0
136.119	2.52			0. 002	
					1084.2

					36
71	31.82	390.1	0.326	0.000	769.3
	1003.2	32.5	0.310	0.003	406.3
	156.5	1148.6	0.313	0.002	340.6
	1403.9	0.158	0.326	0.002	294.2
	8.19		0.257	0.001	0.0
138.119	2.52			0.003	
					1082.2
72	28.91	390.3	0.326	0.000	780.2
	1121.8	32.6	0.312	0.007	412.9
	157.6	1150.3	0.313	0.002	341.2
	1400.1	0.131	0.322	0.002	294.3
	8.07		0.258	0.002	0.0
140.119	2.52			0.001	
					1065.0
73	31.54	390.5	0.308	0.000	792.7
	1056.2	32.6	0.317	0.002	412.9
	160.0	1148.1	0.317	0.002	341.9
	1407.1	0.156	0.322	0.002	294.3
	8.19		0.257	-0.001	0.0
142.119	2.50			0.003	
					0.0
74	32.51	390.6	0.313	0.000	805.7
	963.3	32.4	0.325	0.002	417.9
	153.5	1148.5	0.316	0.001	342.7
	1410.4	0.165	0.318	0.002	294.4
	8.19		0.255	0.002	0.0
144.119	2.50			0.003	
					0.0
75	31.65	390.7	0.316	0.000	819.9
	908.5	32.1	0.331	0.003	423.1
	144.0	1153.1	0.317	0.003	343.7
	1437.6	0.156	0.320	0.004	294.4
	8.27		0.255	0.007	0.0
146.119	2.51			0.003	
					1408.9
76	31.24	391.2	0.305	0.000	830.9
	877.8	31.9	0.333	0.005	420.2
	137.7	1155.8	0.316	0.002	341.8
	1451.9	0.152	0.321	0.002	294.5
	8.12		0.255	0.002	0.0
148.119	2.51			0.002	
					1401.3
77	29.65	385.4	0.310	0.000	847.7
	748.6	31.2	0.336	0.003	427.4
	118.0	1155.6	0.312	0.003	343.9
	1487.6	0.137	0.319	0.003	294.5
	8.25		0.251	0.002	0.0
150.119	2.40			0.003	
					1374.7
78	30.70	391.6	0.305	0.000	857.1
	713.9	31.1	0.328	0.003	430.7
	114.9	1156.6	0.314	0.002	344.4
	1517.9	0.146	0.316	0.002	294.6
	8.14		0.250	0.000	0.0
152.119	2.43			0.003	
					1355.9
79	32.62	385.5	0.324	0.000	867.7
	689.9	31.0	0.334	0.003	434.3
	113.7	1159.1	0.317	0.002	345.1
	1507.1	0.165	0.321	0.002	294.5
	8.19		0.252	0.001	0.0
154.119	2.25			0.003	
					1355.3
80	30.91	386.2	0.318	0.000	883.4
	743.4	30.3	0.334	0.004	434.7
	110.4	1158.5	0.315	0.003	345.7
	1553.1	0.148	0.318	0.002	293.2
	8.19		0.250	0.002	0.0
156.119	2.20			0.003	
					1338.1
81	32.16	389.1	0.316	0.000	889.1
	726.5	30.1	0.330	0.001	442.1
	106.9	1157.8	0.315	0.001	346.2
	1569.4	0.161	0.321	0.002	294.6
	8.05		0.253	0.000	0.0
158.119	2.08			0.002	
					1331.9
82	32.11	389.3	0.312	0.000	905.2
	692.1	30.6	0.310	0.000	446.1
	104.2	1157.1	0.309	-0.009	343.9
	1545.6	0.160	0.323	0.007	293.9
	8.19		0.249	-0.001	0.0
160.119	1.99			0.003	
					1326.5

					36
83	31.13	389.3	0.287	0.000	912.7
	727.3	30.6	0.336	0.002	446.4
	103.3	1157.6	0.315	0.002	347.2
	1546.9	0.150	0.318	0.000	294.7
	8.17		0.251	0.003	0.0
162.119	1.91			0.003	
					1319.0
84	29.41	386.1	0.301	0.000	920.8
	914.9	31.2	0.335	0.001	457.9
	115.1	1154.9	0.318	-0.004	347.5
	1523.1	0.135	0.325	-0.002	294.6
	8.19		0.251	0.004	0.0
164.119	1.83			0.003	
					1328.8
85	32.59	392.8	0.320	0.000	933.6
	950.9	31.7	0.339	0.004	451.4
	126.3	1156.6	0.318	0.002	349.2
	1488.4	0.165	0.323	0.003	294.6
	8.22		0.255	0.001	0.0
166.119	1.70			0.003	
					1348.2
86	32.33	392.3	0.314	0.000	945.7
	1141.6	32.5	0.340	0.001	463.0
	150.6	1153.9	0.321	0.001	349.4
	1415.1	0.163	0.325	0.003	294.6
	8.07		0.257	0.003	0.0
168.119	1.74			0.003	
					1383.3
87	31.88	389.8	0.317	0.000	960.2
	1150.4	32.0	0.333	0.002	466.2
	151.8	1153.6	0.322	0.003	348.6
	1406.1	0.158	0.325	0.001	294.6
	8.17		0.256	0.004	0.0
170.119	1.76			0.001	
					1411.6
88	33.23	389.9	0.331	0.000	976.9
	1066.0	32.4	0.341	0.003	474.0
	148.4	1153.7	0.319	0.002	348.9
	1423.1	0.172	0.322	0.002	294.6
	8.18		0.256	0.004	0.0
172.119	1.84			0.003	
					1424.4
89	32.23	393.3	0.323	0.000	1013.0
	1049.9	32.4	0.339	0.002	477.5
	147.0	1156.1	0.319	0.001	349.9
	1428.9	0.161	0.318	0.011	294.7
	8.23		0.254	0.001	0.0
174.119	1.99			0.003	
					1430.0
90	32.98	393.4	0.329	0.000	1045.6
	1090.2	32.8	0.333	0.002	480.0
	157.9	1153.9	0.320	0.004	351.2
	1409.6	0.169	0.325	0.002	294.7
	8.15		0.254	0.005	0.0
176.119	2.12			0.003	
					1450.2
91	32.94	393.8	0.327	0.000	1075.2
	1092.1	33.0	0.340	0.002	488.7
	161.8	1154.4	0.321	0.005	350.3
	1395.6	0.169	0.326	0.000	294.6
	8.21		0.257	0.000	0.0
178.119	2.19			0.003	
					1453.6
92	32.92	393.7	0.329	0.000	1109.5
	1088.1	33.0	0.340	0.006	493.6
	162.0	1152.5	0.322	0.001	352.2
	1398.4	0.169	0.324	0.001	294.7
	8.11		0.255	0.001	0.0
180.119	2.26			0.003	
					1465.9
93	31.75	391.1	0.321	0.000	1169.7
	1128.5	32.9	0.336	0.005	493.6
	161.9	1153.7	0.323	0.001	352.5
	1404.1	0.157	0.325	0.001	294.0
	8.20		0.256	0.003	0.0
182.119	2.26			0.002	
					1467.3
94	32.48	390.8	0.303	0.000	1217.9
	1060.9	32.3	0.333	0.001	497.6
	161.3	1152.2	0.320	-0.004	351.6
	1405.4	0.165	0.319	0.000	294.7
	8.15		0.250	-0.003	0.0
184.119	2.43			0.002	
					1467.9

					36
95	31.47	381.5	0.297	0.000	1329.0
	1168.5	32.5	0.323	0.001	503.5
	167.3	1149.7	0.308	-0.001	349.3
	1383.9	0.155	0.320	0.001	293.3
	8.07		0.252	-0.001	0.0
186.119	2.30			-0.001	
					1480.4
96	30.30	387.9	0.313	0.000	1380.5
	1185.2	31.4	0.337	0.001	535.5
	165.2	1151.0	0.322	0.001	348.7
	1391.1	0.143	0.324	-0.003	293.6
	8.10		0.254	0.004	0.0
188.119	2.35			0.000	
					1477.1
97	28.05	382.0	0.305	0.000	1447.8
	1246.4	32.6	0.335	0.000	559.8
	167.4	1149.0	0.303	-0.003	349.5
	1374.4	0.123	0.325	-0.003	292.9
	8.13		0.295	0.002	0.0
190.119	2.47			-0.002	
					1481.7
98	28.10	388.2	0.320	0.000	1572.9
	1215.2	31.4	0.319	-0.000	619.2
	166.8	1148.5	0.310	-0.005	351.2
	1376.1	0.124	0.323	-0.001	294.2
	8.10		0.256	0.001	0.0
192.119	2.56			-0.000	
					1483.3
99	34.14	384.4	0.303	0.000	9999.9
	1354.4	31.0	0.291	-0.006	707.6
	152.0	1147.3	0.299	0.001	346.7
	1419.6	0.091	0.318	-0.010	293.2
	8.04		0.251	-0.009	0.0
194.119	2.35			-0.003	
					1471.6
100	27.34	379.0	0.293	0.000	9999.9
	1177.0	31.0	0.307	-0.000	700.8
	150.3	1148.8	0.301	-0.004	348.1
	1397.6	0.117	0.317	-0.004	294.3
	7.88		0.256	-0.003	0.0
196.119	2.29			0.001	
					1458.3

					36
101	29.15	389.2	0.290	0.000	9999.9
	1108.5	31.1	0.320	-0.000	642.4
	157.3	1149.8	0.319	0.001	345.1
	1393.4	0.133	0.316	0.004	293.2
	8.14		0.250	-0.003	0.0
198.119	2.47			-0.005	
					1462.6
102	30.59	382.8	0.295	0.000	9999.9
	1036.9	30.5	0.324	0.001	672.6
	153.6	1148.1	0.322	-0.003	351.1
	1409.6	0.116	0.319	-0.008	293.4
	8.02		0.250	-0.004	0.0
200.119	2.50			0.001	
					1456.0
103	27.90	380.5	0.303	0.000	9999.9
	1168.4	30.1	0.319	-0.002	673.2
	151.4	1148.8	0.310	0.003	350.9
	1408.6	0.122	0.317	-0.004	292.2
	8.10		0.246	0.001	0.0
202.119	2.27			0.001	
					1445.1
104	30.04	386.2	0.303	0.000	9999.9
	1075.9	32.0	0.314	-0.004	682.2
	152.4	1148.5	0.306	-0.013	349.9
	1419.4	0.141	0.315	-0.001	294.0
	7.97		0.251	-0.007	0.0
204.119	2.43			-0.001	
					1457.0
105	29.46	383.4	0.309	0.000	9999.9
	1125.2	31.1	0.314	-0.001	639.4
	152.3	1151.7	0.309	-0.005	348.5
	1409.4	0.135	0.318	-0.002	293.3
	8.04		0.254	-0.005	0.0
206.119	2.26			0.002	
					1455.7
106	30.42	379.5	0.318	0.000	0.0
	987.5	32.0	0.322	-0.004	637.8
	147.7	1149.0	0.311	-0.001	348.8
	1416.9	0.145	0.319	0.003	293.9
	8.06		0.252	-0.001	0.0
208.119	2.48			-0.003	
					1454.2

					36
107	29.56	383.2	0.306	0.000	0.0
	1081.2	32.0	0.297	-0.004	627.3
	148.1	1148.5	0.322	-0.002	349.1
	1406.4	0.137	0.322	-0.001	295.1
	8.02		0.255	-0.002	0.0
210.119	2.22			-0.007	
					1442.6
108	28.45	383.3	0.305	0.000	1452.4
	1097.4	30.9	0.315	-0.003	613.3
	149.7	1148.6	0.318	0.001	350.4
	1421.9	0.127	0.323	-0.002	294.3
	8.03		0.253	0.002	0.0
212.119	2.45			-0.003	
					1393.6
109	30.17	392.9	0.299	0.000	563.6
	1123.2	32.4	0.330	-0.000	595.8
	155.9	1151.9	0.319	-0.008	353.3
	1425.4	0.142	0.324	0.001	294.3
	8.14		0.255	0.011	0.0
214.119	2.37			0.001	
					1376.6
110	31.88	389.8	0.329	0.000	0.0
	1066.4	32.5	0.345	0.003	592.8
	161.2	1150.3	0.325	0.001	353.2
	1396.6	0.159	0.328	0.002	294.9
	8.13		0.257	-0.004	0.0
216.119	2.44			-0.001	
					1362.2
111	31.38	386.9	0.322	0.000	9999.9
	1132.7	33.2	0.337	0.002	604.0
	164.4	1149.7	0.323	-0.002	355.5
	1395.9	0.154	0.329	-0.001	294.2
	8.20		0.257	0.001	0.0
218.119	2.35			0.003	
					1288.8
112	31.64	393.7	0.321	0.000	9999.9
	1055.6	33.0	0.337	0.000	621.9
	159.1	1148.5	0.325	0.001	352.8
	1399.6	0.157	0.325	0.001	295.6
	8.06		0.255	-0.001	0.0
220.119	2.46			-0.001	
					1241.9

ARC POWER OFF

MODEL 19

2-MW PJ FACILITY CONCRETE SAMPLE TEST NO 188 - RUN NO. 37

POINT NO / TIME SEC	FAC. OPERATING PARAMETERS: GAS FLO-G/S; ENTHALPY-CAL/G; CURRENT-AMPS; VOLTS; WATER FLO-L/S; WATER DT-DEG K	FAC. OPERATING PARAMETERS: HEATER MANI; ARC CHAMB; VENTURI; VENTURI DP; PRES-N/CM 2	PROBE 1: PRESS N/CM 2	PROBE 1: HEAT FLUX KW/CM 2	MODEL TEMP DEG K: TC-1; TC-2; TC-3; TC-4; TC-5; TC-6; TC-7; PYROM
1	27.40	371.6	0.000	-0.926	298.0
	1952.6	35.5	0.000	0.311	294.7
	576.4	1154.2	0.000	0.293	294.3
	953.5	0.117	0.000	0.247	293.6
	8.22		0.000	0.209	294.8
0.119	9.48			0.056	
					0.0
2	27.42	371.3	0.007	-0.925	302.2
	1965.8	35.7	-0.004	0.308	294.2
	576.8	1151.5	0.029	0.286	294.1
	950.5	0.117	0.006	0.240	293.6
	8.11		-0.005	0.219	296.1
1.119	9.52			0.054	
					0.0
3	27.46	371.4	0.009	-0.925	302.7
	1954.0	35.7	-0.005	0.320	294.4
	576.4	1146.6	0.022	0.291	294.1
	952.8	0.118	0.007	0.245	294.3
	8.13		-0.009	0.210	296.5
2.119	9.55			0.055	
					0.0
4	27.43	371.3	0.018	-0.919	303.6
	1942.0	35.7	0.105	0.312	296.5
	576.7	1147.6	0.177	0.299	294.1
	951.5	0.118	0.108	0.246	294.2
	8.15		0.009	0.220	295.6
3.119	9.56			0.054	
					0.0
					37
5	27.40	371.1	0.101	-0.931	304.5
	1929.5	35.7	1.249	0.306	294.5
	576.7	1149.7	1.869	0.287	294.1
	949.3	0.117	1.343	0.241	294.3
	8.14		0.142	0.203	295.7
4.119	9.59			0.053	
					0.0
6	27.42	371.3	0.121	-0.918	304.9
	1962.1	35.7	1.491	0.316	295.0
	576.6	1151.9	2.102	0.290	294.1
	949.8	0.117	1.567	0.247	294.3
	8.16		0.193	0.214	295.5
5.119	9.45			0.054	
					0.0
7	27.50	370.9	0.143	-0.424	305.8
	1881.9	35.7	1.547	0.307	294.7
	576.7	1149.3	2.120	0.293	294.1
	948.3	0.118	1.601	0.248	294.0
	8.21		0.219	0.202	295.2
6.119	9.63			0.053	
					0.0
8	27.36	364.7	0.158	-0.922	306.4
	1894.7	35.7	1.553	0.314	296.9
	576.6	1151.0	2.120	0.290	292.6
	949.0	0.117	1.603	0.250	294.2
	8.22		0.239	0.209	296.5
7.119	9.61			0.053	
					0.0
9	27.35	371.4	0.172	-0.923	307.3
	1918.8	35.7	1.547	0.320	295.0
	576.9	1150.0	2.125	0.290	294.1
	951.0	0.117	1.611	0.247	293.5
	8.15		0.256	0.230	295.1
8.119	9.65			0.053	
					0.0
10	27.54	371.4	0.178	-0.922	307.8
	1895.6	35.8	1.551	0.314	295.0
	576.6	1149.0	2.120	0.295	294.1
	953.3	0.119	1.605	0.245	292.8
	8.18		0.264	0.225	295.4
9.119	9.68			0.052	
					0.0
					37
11	27.74	371.4	0.183	-0.927	308.3
	1860.5	35.7	1.548	0.314	295.2
	576.4	1148.1	2.127	0.289	294.1
	952.3	0.120	1.609	0.242	293.4
	8.22		0.267	0.204	295.9
10.119	9.69			0.053	
					0.0
12	27.89	371.0	0.188	-0.920	308.9
	1852.0	35.7	1.548	0.319	295.5
	576.7	1148.0	2.125	0.297	294.2
	949.0	0.122	1.608	0.249	294.1
	8.24		0.274	0.218	295.4
11.119	9.62			0.052	
					0.0
13	26.39	371.3	0.196	-0.924	309.5
	1985.5	35.7	1.557	0.317	295.5
	577.2	1152.9	2.127	0.293	294.0
	948.8	0.109	1.612	0.245	294.1
	8.16		0.276	0.203	294.7
12.119	9.63			0.052	
					0.0
14	27.45	371.5	0.195	-0.923	310.2
	1885.8	35.4	1.543	0.318	295.7
	576.7	1145.1	2.129	0.295	294.1
	955.0	0.118	1.606	0.250	294.0
	8.23		0.277	0.212	296.2
13.119	9.71			0.053	
					0.0
15	27.42	368.2	0.203	-0.925	310.5
	1862.6	35.7	1.554	0.323	296.0
	576.6	1143.1	2.134	0.293	294.2
	953.3	0.118	1.614	0.247	294.0
	8.26		0.274	0.213	295.1
14.119	9.72			0.052	
					0.0 PROBE OUT
16	27.37	371.5	0.297	-0.915	310.8 MODEL IN
	1865.7	35.7	1.273	0.028	296.1
	576.1	1142.9	1.525	0.019	293.8
	952.3	0.118	1.199	0.016	293.0
	8.24		0.274	0.017	292.9
15.119	9.73			0.005	
					0.0
					37
17	27.55	371.5	0.316	-0.925	315.1
	1895.0	35.8	0.796	0.033	297.6
	576.4	1149.2	0.852	0.023	295.5
	948.5	0.119	0.726	0.019	292.7
	8.19		0.260	0.021	320.5
16.119	9.59			0.011	
					0.0
18	27.37	364.5	0.315	-0.921	331.4
	1864.3	35.8	0.574	0.032	306.0
	576.4	1142.9	0.622	0.022	298.2
	948.5	0.118	0.544	0.014	298.0
	8.22		0.251	0.020	433.9
17.119	9.70			0.009	
					1223.5
19	27.43	368.2	0.314	-0.933	326.7
	1877.7	34.8	0.484	0.027	302.8
	576.1	1148.3	0.490	0.019	299.5
	937.5	0.118	0.451	0.007	294.4
	8.17		0.244	0.009	440.3
18.119	9.50			0.010	
					1406.2
20	23.11	371.7	0.319	-0.926	323.6
	2249.3	34.8	0.429	0.027	303.0
	577.4	1144.9	0.429	0.008	300.6
	951.8	0.084	0.403	0.014	298.0
	8.15		0.242	-0.007	430.2
19.119	9.75			0.008	
					1437.9
21	24.78	368.7	0.307	-0.924	330.8
	2130.3	35.2	0.370	0.024	302.5
	577.6	1147.8	0.402	0.016	300.4
	952.5	0.096	0.372	0.006	297.0
	8.22		0.244	0.008	427.9
20.119	9.58			0.005	
					1445.5
22	27.34	371.7	0.319	-0.928	328.4
	1872.8	34.2	0.353	0.009	303.7
	576.0	1145.1	0.368	0.012	301.0
	945.5	0.117	0.357	0.007	299.3
	8.12		0.243	-0.001	437.9
21.119	9.73			0.007	
					1456.2

					37
23	27.48	368.7	0.309	-0.918	339.6
	1963.9	34.8	0.339	0.009	300.8
	577.1	1147.6	0.355	0.011	299.4
	943.3	0.118	0.341	0.008	299.6
	8.01		0.237	0.028	438.9
22.119	9.51			0.007	
					1455.1
24	26.13	371.6	0.315	-0.928	339.9
	1945.0	35.3	0.337	0.007	294.9
	575.5	1149.2	0.336	0.006	300.6
	939.8	0.107	0.333	0.003	298.6
	8.14		0.239	0.007	428.9
23.119	9.65			0.001	
					1448.4
25	27.48	368.6	0.329	-0.928	343.8
	1858.1	34.2	0.324	0.026	307.0
	575.5	1148.0	0.335	-0.002	298.9
	949.0	0.118	0.332	0.006	297.3
	8.23		0.241	0.006	419.3
24.119	9.66			0.002	
					1452.6
26	27.53	368.6	0.321	-0.931	347.2
	1935.4	34.3	0.312	0.011	306.9
	576.7	1147.5	0.336	0.010	299.9
	955.8	0.119	0.329	0.005	296.7
	8.13		0.241	-0.002	410.8
25.119	9.66			0.003	
					1462.8
27	27.43	369.1	0.313	-0.918	354.3
	1873.9	35.3	0.312	0.005	302.5
	575.6	1147.8	0.326	0.012	296.1
	951.5	0.118	0.322	0.004	298.1
	8.25		0.241	0.010	393.1
26.119	9.64			0.005	
					1452.9
28	21.11	371.7	0.323	-0.917	359.0
	2476.7	35.9	0.317	0.002	305.1
	578.1	1142.0	0.330	0.007	297.0
	947.3	0.070	0.324	0.007	296.8
	8.07		0.240	0.003	378.5
27.119	9.75			0.003	
					1443.9
					37
29	27.42	371.8	0.314	-0.924	357.0
	1863.9	34.4	0.311	0.004	301.3
	575.0	1147.3	0.316	0.009	297.8
	947.8	0.118	0.325	0.003	296.9
	8.23		0.237	0.011	362.0
28.119	9.62			0.002	
					1450.0
30	25.94	372.0	0.316	-0.932	358.9
	2010.2	35.9	0.306	0.006	304.3
	574.9	1147.3	0.314	0.010	297.3
	955.3	0.105	0.322	0.002	295.0
	8.14		0.240	-0.011	353.1
29.119	9.73			0.001	
					1475.1
31	27.37	372.0	0.318	-0.918	358.3
	1889.8	35.9	0.313	-0.001	304.2
	575.0	1147.0	0.324	0.006	297.0
	954.8	0.117	0.316	0.023	295.9
	8.23		0.238	0.006	343.3
30.119	9.67			0.002	
					1501.9
32	25.95	370.4	0.314	-0.922	364.5
	2040.4	35.9	0.307	0.008	304.5
	574.5	1147.8	0.318	0.011	296.6
	955.8	0.105	0.312	0.005	295.1
	8.11		0.243	-0.006	337.1
31.119	9.66			0.002	
					1531.7
33	27.35	368.5	0.318	-0.925	365.7
	1882.5	35.3	0.314	0.004	304.6
	574.7	1149.7	0.328	0.003	296.1
	955.0	0.117	0.323	0.006	295.5
	8.19		0.239	-0.004	329.9
32.119	9.74			0.003	
					1544.2
34	25.98	372.0	0.316	-0.923	364.6
	1992.4	35.3	0.311	0.002	305.1
	575.4	1145.4	0.327	0.006	296.1
	953.0	0.106	0.320	0.005	295.4
	8.15		0.240	-0.003	327.3
33.119	9.74			0.001	
					1539.8

					37
35	27.32	372.2	0.314	-0.925	366.6
	1880.8	35.4	0.308	0.001	305.2
	576.6	1143.2	0.332	0.006	295.9
	954.8	0.117	0.328	0.004	295.3
	8.24		0.239	-0.002	325.9
34.119	9.74			0.003	
					1569.7
36	27.47	372.2	0.320	-0.927	368.6
	1921.8	35.9	0.311	0.002	305.7
	576.6	1147.1	0.329	0.009	295.8
	954.5	0.118	0.327	0.002	294.7
	8.17		0.242	0.016	323.2
35.119	9.65			0.001	
					1661.7
37	27.47	372.1	0.317	-0.917	372.7
	1890.8	35.9	0.304	-0.000	306.4
	576.7	1146.8	0.324	0.003	295.4
	954.8	0.118	0.322	0.004	294.3
	8.19		0.241	0.007	322.9
36.119	9.74			0.001	
					1524.3
38	27.38	372.2	0.325	-0.923	380.8
	1917.1	35.9	0.301	0.007	306.7
	576.3	1143.6	0.336	0.009	295.4
	955.3	0.118	0.324	0.004	294.9
	8.15		0.238	0.003	319.2
37.119	9.77			0.001	
					1501.8
39	27.50	372.2	0.316	-0.922	383.4
	1896.5	35.8	0.316	0.005	307.5
	576.1	1149.8	0.333	0.005	295.4
	955.0	0.118	0.320	0.000	294.8
	8.15		0.239	0.008	320.7
38.119	9.74			0.003	
					1522.3
40	27.31	372.2	0.318	-0.921	389.5
	1951.9	35.5	0.306	0.014	308.1
	576.4	1146.8	0.324	0.005	295.3
	956.8	0.117	0.329	0.002	293.9
	8.27		0.243	-0.004	319.8
39.119	9.50			0.001	
					1548.2
					37
41	27.34	372.1	0.314	-0.924	399.7
	1931.7	36.0	0.310	0.008	308.7
	576.4	1144.4	0.332	0.008	295.2
	955.8	0.117	0.325	0.000	294.5
	8.15		0.240	-0.003	320.0
40.119	9.68			0.002	
					1579.6
42	27.37	372.2	0.324	-0.930	407.8
	1857.3	36.0	0.312	0.002	309.3
	576.6	1147.0	0.331	0.007	295.2
	954.5	0.117	0.323	0.003	294.1
	8.28		0.243	0.012	321.7
41.119	9.75			0.003	
					1584.7
43	27.40	372.1	0.325	-0.918	417.3
	1890.0	35.5	0.312	0.004	309.8
	576.7	1149.8	0.335	0.007	295.1
	955.3	0.117	0.322	0.005	294.6
	8.17		0.243	-0.004	322.9
42.119	9.79			0.002	
					1576.7
44	27.73	372.2	0.322	-0.922	427.2
	1903.7	34.9	0.315	0.006	310.5
	576.6	1147.5	0.324	0.009	295.2
	955.8	0.120	0.326	0.003	294.5
	8.20		0.244	-0.001	325.1
43.119	9.64			0.003	
					1562.9
45	27.39	372.2	0.322	-0.928	439.0
	1910.0	36.0	0.311	0.007	311.1
	576.4	1144.4	0.325	0.009	295.1
	956.5	0.118	0.325	-0.001	294.4
	8.17		0.243	0.005	327.6
44.119	9.74			0.004	
					1550.1
46	27.51	372.3	0.319	-0.920	451.1
	1873.3	35.5	0.317	0.005	312.3
	576.6	1146.3	0.331	0.012	295.0
	953.0	0.119	0.324	0.003	294.3
	8.15		0.243	-0.004	328.2
45.119	9.80			0.004	
					1550.2

					37
47	27.39	372.3	0.319	-0.924	462.7
	1865.5	35.5	0.312	0.004	313.9
	576.9	1144.8	0.324	0.010	295.1
	955.8	0.118	0.327	0.002	294.4
	8.23		0.244	-0.001	335.5
46.119	9.81			0.003	
					1549.4
48	27.34	372.4	0.317	-0.923	479.5
	1882.6	36.0	0.309	0.005	314.3
	577.0	1144.4	0.326	0.007	295.1
	957.3	0.117	0.328	0.006	294.3
	8.21		0.244	0.002	337.6
47.119	9.92			0.004	
					1539.7
49	27.58	372.4	0.320	-0.925	495.0
	1843.2	35.7	0.314	0.000	315.2
	577.0	1143.6	0.334	0.008	295.1
	954.0	0.120	0.325	0.004	294.3
	8.22		0.241	-0.005	342.0
48.119	9.82			0.003	
					1558.7
50	27.45	372.4	0.324	-0.919	511.5
	1911.4	36.0	0.313	0.006	316.7
	577.1	1145.6	0.329	0.008	295.1
	958.8	0.118	0.331	0.005	293.6
	8.26		0.241	0.008	347.9
49.119	9.67			0.004	
					1554.1
51	27.45	372.6	0.320	-0.929	529.2
	1868.2	36.0	0.317	0.005	318.3
	577.1	1145.3	0.334	0.007	295.0
	952.5	0.118	0.324	0.004	294.3
	8.16		0.240	-0.002	352.5
50.119	9.83			0.004	
					1539.9
52	27.41	372.4	0.325	-0.918	547.9
	1918.9	36.1	0.312	0.003	319.5
	577.1	1146.6	0.338	0.007	295.3
	957.8	0.118	0.330	0.002	293.6
	8.09		0.242	0.001	356.0
51.119	9.83			0.004	
					1512.0
53	27.37	372.5	0.327	-0.925	568.3
	1901.2	36.1	0.313	-0.002	321.1
	576.9	1143.2	0.322	0.008	295.4
	958.3	0.118	0.326	0.008	294.3
	8.21		0.247	0.014	360.8
52.119	9.76			0.004	
					1509.0
54	26.25	372.6	0.324	-0.924	589.3
	1936.2	36.1	0.319	0.002	322.6
	576.5	1145.9	0.329	0.009	295.4
	955.3	0.108	0.326	0.004	294.3
	8.21		0.244	0.008	361.7
53.119	9.85			0.004	
					1470.1
55	27.49	372.6	0.321	-0.919	611.5
	1857.5	36.1	0.316	0.005	324.8
	576.6	1144.6	0.327	0.009	295.4
	954.0	0.119	0.330	0.003	294.3
	8.23		0.243	0.003	358.8
54.119	9.78			0.004	
					1451.7
56	27.47	372.2	0.327	-0.923	632.1
	1844.7	36.0	0.316	0.004	326.6
	576.1	1142.6	0.341	0.006	295.4
	956.5	0.119	0.328	0.006	294.3
	8.22		0.241	0.035	359.6
55.119	9.86			0.005	
					1429.3
57	27.45	372.6	0.323	-0.923	655.9
	1867.6	36.1	0.323	0.003	329.2
	576.6	1145.8	0.335	0.007	295.4
	957.5	0.118	0.327	0.004	294.2
	8.24		0.246	0.005	357.7
56.119	9.80			0.005	
					1395.0
58	27.49	372.8	0.326	-0.923	688.9
	1828.2	36.1	0.315	0.002	331.7
	576.0	1148.5	0.326	0.007	295.4
	957.0	0.118	0.333	0.007	294.2
	8.25		0.243	0.001	356.2
57.119	9.89			0.004	
					1413.3

					37
59	27.47	372.8	0.325	-0.924	719.5
	1874.1	36.1	0.314	0.004	334.6
	576.2	1147.5	0.335	0.009	295.6
	958.5	0.118	0.332	0.006	294.1
	8.15		0.246	0.012	355.3
58.119	9.88			0.005	
					1395.8
60	27.50	372.9	0.319	-0.921	754.3
	1903.0	35.6	0.314	0.008	337.9
	576.0	1149.2	0.337	0.006	295.6
	959.8	0.118	0.330	0.005	294.2
	8.13		0.248	-0.006	351.7
59.119	9.82			0.005	
					1396.7
61	27.54	373.0	0.327	-0.920	790.4
	1849.9	35.6	0.315	0.002	341.1
	575.4	1148.3	0.335	0.007	295.8
	958.5	0.119	0.330	0.003	294.2
	8.17		0.246	0.008	351.8
60.119	9.90			0.005	
					1382.5
62	27.39	372.9	0.327	-0.924	832.3
	1859.5	36.1	0.315	0.002	344.8
	575.0	1144.9	0.335	0.007	295.9
	959.0	0.118	0.333	0.005	294.1
	8.23		0.243	0.001	351.8
61.119	9.83			0.004	
					1389.6
63	27.52	372.9	0.324	-0.923	880.8
	1861.8	36.1	0.324	0.001	347.8
	575.1	1147.0	0.335	0.010	295.9
	956.3	0.119	0.329	0.007	294.1
	8.17		0.247	0.004	352.7
62.119	9.82			0.005	
					1345.4
64	27.44	372.9	0.324	-0.923	942.7
	1813.2	36.1	0.309	0.007	351.3
	574.4	1144.8	0.332	0.010	296.1
	954.8	0.118	0.333	0.006	294.1
	8.26		0.249	0.000	352.8
63.119	9.85			0.005	
					1327.4
65	27.48	373.1	0.324	-0.921	1011.5
	1839.7	36.1	0.318	0.004	354.3
	574.2	1147.8	0.328	0.010	296.3
	959.5	0.118	0.334	0.006	294.2
	8.18		0.247	0.002	355.6
64.119	9.92			0.005	
					1318.5
66	27.39	373.1	0.332	-0.931	1084.5
	1854.3	36.2	0.323	0.000	357.6
	574.9	1144.6	0.340	0.006	296.5
	960.5	0.118	0.336	0.004	294.3
	8.20		0.251	0.006	357.3
65.119	9.91			0.005	
					1300.9
67	27.42	373.1	0.330	-0.922	1151.1
	1859.8	36.1	0.319	0.002	360.7
	574.7	1147.1	0.334	0.007	296.6
	958.3	0.118	0.335	0.002	294.2
	8.15		0.251	-0.000	356.2
66.119	9.90			0.005	
					1281.3
68	27.57	373.1	0.333	-0.920	1239.9
	1858.4	36.1	0.325	0.001	364.2
	574.5	1146.4	0.332	0.005	296.7
	957.5	0.119	0.339	0.005	294.2
	8.11		0.247	0.001	354.6
67.119	9.91			0.005	
					1395.7
69	27.61	373.3	0.334	-0.926	1304.3
	1836.8	36.1	0.323	0.005	368.0
	574.6	1146.3	0.331	0.007	295.1
	958.5	0.120	0.334	0.004	294.1
	8.18		0.247	0.010	352.9
68.119	9.90			0.005	
					1557.8
70	27.73	373.2	0.331	-0.924	1390.1
	1858.2	35.7	0.325	0.004	371.0
	575.3	1147.8	0.340	0.012	296.8
	962.8	0.120	0.336	0.005	294.1
	8.18		0.250	-0.007	352.8
69.119	9.09			0.006	
					1582.3

					37
71.	27.59	373.3	0.334	-0.918	1454.3
	1850.7	36.1	0.313	0.000	370.9
	575.5	1144.2	0.336	0.006	297.2
	955.8	0.120	0.334	-0.002	294.1
	8.13		0.248	0.012	352.6
70.119	9.89			0.006	0.0
					565.5
					1583.6
72.	27.62	373.5	0.337	-0.929	1534.9
	1837.7	36.1	0.315	0.005	377.4
	575.7	1146.6	0.335	0.006	297.2
	954.8	0.120	0.335	0.002	294.1
	8.17		0.253	-0.002	349.5
71.119	9.87			0.006	291.1
					335.3
					1568.4
73.	27.60	373.6	0.336	-0.920	9999.9
	1854.4	36.2	0.317	0.007	380.2
	576.4	1149.0	0.337	0.005	297.5
	958.3	0.119	0.340	0.004	293.3
	8.18		0.249	0.007	350.2
72.119	9.89			0.005	0.0
					470.6
					1552.2
74.	27.52	370.0	0.332	-0.926	9999.9
	1867.5	36.2	0.326	0.000	382.6
	577.0	1146.8	0.339	0.006	296.0
	954.8	0.119	0.334	0.004	294.0
	8.19		0.250	-0.002	349.4
73.119	9.81			0.006	0.0
					410.8
					1460.1
75.	27.46	373.6	0.333	-0.923	1557.0
	1864.1	36.2	0.324	0.004	384.9
	576.9	1146.1	0.338	0.004	297.8
	959.3	0.118	0.337	0.008	293.3
	8.20		0.247	0.014	350.2
74.119	9.90			0.005	0.0
					386.2
					1408.8
76.	27.63	373.8	0.333	-0.918	0.0
	1828.7	36.2	0.326	0.003	387.5
	577.4	1143.4	0.341	0.006	298.1
	956.5	0.120	0.334	0.004	294.0
	8.24		0.249	0.002	350.6
75.119	9.90			0.006	0.0
					517.0
					1600.7
77.	27.41	373.6	0.331	-0.919	9999.9
	1853.2	36.2	0.327	0.002	390.3
	576.9	1149.9	0.338	0.009	298.4
	953.3	0.118	0.330	-0.003	291.8
	8.15		0.250	-0.003	354.6
76.119	9.90			0.006	295.0
					348.2
					1582.2
78.	27.63	373.7	0.334	-0.927	9999.9
	1847.9	36.2	0.323	-0.003	392.9
	577.0	1143.7	0.341	0.020	298.7
	958.3	0.119	0.335	0.002	294.0
	8.22		0.251	0.001	354.7
77.119	9.90			0.006	294.5
					420.1
					1581.4
79.	27.65	373.8	0.326	-0.922	9999.9
	1847.2	36.2	0.323	0.003	396.0
	577.1	1145.4	0.333	0.008	299.0
	956.3	0.120	0.333	0.007	293.2
	8.25		0.247	0.011	356.9
78.119	9.81			0.005	297.1
					0.0
					1582.9
80.	27.58	373.1	0.336	-0.922	9999.9
	1871.9	36.2	0.332	0.005	400.3
	576.9	1143.7	0.343	0.009	297.7
	956.3	0.120	0.338	0.002	294.0
	8.17		0.252	0.007	358.3
79.119	9.83			0.005	298.1
					0.0
					1607.6
81.	27.52	373.8	0.335	-0.920	9999.9
	1859.0	36.2	0.329	0.002	406.9
	576.7	1146.8	0.343	0.007	299.5
	955.5	0.119	0.330	0.005	294.0
	8.14		0.249	0.020	358.3
80.119	9.90			0.005	293.0
					0.0
					1544.9
82.	27.65	373.2	0.330	-0.917	9999.9
	1842.3	36.2	0.323	0.003	413.1
	576.7	1144.9	0.341	0.009	299.8
	957.3	0.120	0.334	0.006	294.1
	8.18		0.250	0.012	358.8
81.119	9.91			0.005	289.3
					566.6
					1398.4

					37
83.	27.54	374.0	0.331	-0.925	9999.9
	1816.8	36.1	0.323	0.010	419.6
	576.1	1144.8	0.347	0.009	300.1
	955.3	0.119	0.337	0.004	294.0
	8.23		0.250	0.001	359.3
82.119	9.91			0.006	291.9
					574.3
					1610.3
84.	27.60	373.8	0.332	-0.929	9999.9
	1858.5	36.3	0.332	0.001	429.6
	575.9	1141.0	0.348	0.007	300.5
	960.3	0.120	0.341	0.004	294.0
	8.16		0.250	0.000	361.6
83.119	9.91			0.004	292.2
					338.3
					1604.7
85.	27.51	374.0	0.331	-0.925	9999.9
	1816.9	35.7	0.335	0.005	440.4
	575.5	1141.7	0.339	0.006	299.5
	956.8	0.119	0.334	0.006	294.0
	8.24		0.251	0.012	363.1
84.119	9.92			0.005	292.0
					1238.2
					1613.9
86.	27.68	374.0	0.338	-0.924	9999.9
	1819.0	36.2	0.324	0.004	458.6
	575.4	1143.6	0.348	0.006	301.3
	954.5	0.120	0.337	0.006	296.0
	8.15		0.251	0.015	365.5
85.119	9.93			0.006	294.3
					518.1
					1630.0
87.	27.50	374.0	0.337	-0.928	9999.9
	1836.2	36.2	0.323	0.004	471.2
	575.5	1141.0	0.349	0.006	300.1
	956.8	0.119	0.337	0.005	296.1
	8.17		0.248	-0.001	369.4
86.119	9.93			0.005	300.5
					385.2
					1642.9
88.	27.67	374.2	0.337	-0.921	0.0
	1778.7	36.2	0.325	0.006	490.1
	575.5	1147.0	0.348	0.007	302.1
	953.3	0.120	0.338	0.004	296.1
	8.25		0.250	0.003	371.5
87.119	9.94			0.005	293.9
					0.0
					1648.9
89.	27.90	374.3	0.334	-0.926	722.6
	1800.7	36.2	0.325	0.009	511.5
	576.7	1144.9	0.350	0.007	302.5
	957.8	0.122	0.336	0.007	294.0
	8.21		0.249	-0.007	374.6
88.119	9.93			0.005	296.2
					743.6
					1677.2
90	27.57	374.2	0.334	-0.921	9999.9
	1840.7	36.2	0.335	0.005	536.4
	576.0	1146.8	0.358	0.008	302.9
	957.5	0.119	0.343	0.002	294.1
	8.21		0.256	-0.007	375.6
89.119	9.88			0.005	292.8
					806.7
					1690.9
91.	27.45	374.2	0.338	-0.916	9999.9
	1842.6	36.3	0.318	0.003	561.0
	575.6	1141.0	0.357	0.007	303.4
	959.5	0.119	0.338	0.004	293.6
	8.21		0.258	-0.001	378.1
90.119	9.92			0.005	297.1
					435.7
					1575.7
92.	27.52	374.5	0.340	-0.924	9999.9
	1852.4	36.2	0.328	0.006	590.6
	576.1	1142.6	0.359	0.006	304.0
	958.8	0.119	0.340	0.005	294.1
	8.15		0.253	0.008	382.9
91.119	9.95			0.005	300.3
					937.8
					1736.0
93	27.45	374.3	0.334	-0.924	1129.4
	1831.2	36.3	0.328	0.005	624.0
	576.6	1141.0	0.356	0.009	304.5
	958.8	0.119	0.338	0.002	293.7
	8.16		0.253	0.011	386.6
92.119	9.96			0.006	298.3
					770.5
					1754.3
94	27.66	374.3	0.336	-0.924	0.0
	1811.1	36.3	0.332	0.008	664.3
	576.7	1142.0	0.357	0.006	304.9
	957.0	0.120	0.348	0.005	294.1
	8.21		0.252	0.033	391.6
93.119	9.97			0.005	303.2
					939.7
					1565.8

					37
95	27.55	372.8	0.333	-0.923	0.0
	1806.0	36.3	0.331	0.003	716.5
	576.5	1144.9	0.359	0.007	305.8
	958.8	0.119	0.339	0.007	294.2
	8.26		0.255	0.003	393.8
94.119	9.97			0.005	
					1537.4
96	27.62	374.6	0.338	-0.925	0.0
	1793.8	36.3	0.328	0.005	780.2
	576.8	1142.9	0.355	0.005	306.6
	954.5	0.120	0.340	0.004	294.2
	8.23		0.251	0.009	400.7
95.119	9.97			0.005	
					1538.1
97	27.57	374.5	0.335	-0.929	0.0
	1810.5	36.3	0.325	-0.005	847.8
	576.4	1142.9	0.353	0.005	307.1
	956.8	0.120	0.346	0.003	294.1
	8.21		0.253	0.013	405.1
96.119	9.98			0.005	
					1556.9
98	27.63	374.6	0.330	-0.930	9999.9
	1851.5	36.4	0.330	0.007	908.1
	576.2	1143.4	0.362	0.009	308.3
	961.8	0.120	0.338	0.003	293.5
	8.15		0.254	-0.003	410.5
97.119	9.98			0.005	
					1536.9
99	27.79	374.8	0.341	-0.921	9999.9
	1764.7	36.3	0.329	0.002	984.0
	576.1	1139.7	0.356	0.010	309.4
	954.0	0.122	0.339	0.004	294.0
	8.24		0.258	0.002	418.4
98.119	9.99			0.004	
					1554.0
100	27.88	372.3	0.337	-0.922	9999.9
	1803.3	36.4	0.329	0.002	1056.3
	576.5	1143.2	0.362	0.005	310.2
	960.3	0.122	0.344	0.008	294.1
	8.22		0.252	0.001	426.5
99.119	9.99			0.004	
					1573.6
101	27.55	374.6	0.337	-0.927	9999.9
	1845.9	36.3	0.327	0.007	1136.9
	576.7	1145.6	0.349	0.006	311.5
	958.0	0.119	0.339	0.004	293.4
	8.19		0.251	0.006	433.3
100.119	9.92			0.005	
					1411.3
102	27.61	374.8	0.340	-0.923	9999.9
	1807.0	36.3	0.324	0.005	1212.7
	577.1	1141.7	0.359	0.006	311.6
	956.8	0.120	0.337	0.005	294.3
	8.22		0.254	-0.002	441.7
101.119	10.00			0.004	
					1586.2
103	27.78	371.3	0.335	-0.926	9999.9
	1799.8	36.3	0.337	0.011	1323.5
	576.6	1142.9	0.353	0.010	314.0
	956.3	0.121	0.339	0.005	293.5
	8.19		0.253	0.011	450.6
102.119	9.99			0.005	
					1607.9
104	27.71	375.1	0.333	-0.920	9999.9
	1809.6	36.4	0.333	0.003	1482.8
	576.9	1146.1	0.357	0.007	315.5
	957.5	0.120	0.341	0.007	296.3
	8.20		0.258	0.001	461.0
103.119	10.00			0.004	
					1614.7
105	27.51	375.0	0.337	-0.917	9999.9
	1818.8	36.4	0.331	0.003	1569.1
	577.1	1141.5	0.356	0.005	317.2
	958.3	0.119	0.340	0.005	294.3
	8.23		0.252	-0.006	471.0
104.119	9.99			0.004	
					1619.5
106	27.84	375.1	0.338	-0.924	9999.9
	1824.4	36.4	0.330	0.003	9999.9
	577.0	1143.7	0.359	0.006	318.7
	961.5	0.122	0.340	0.005	294.3
	8.18		0.255	0.013	481.2
105.119	10.01			0.004	
					1623.2

					37
107	27.81	375.3	0.336	-0.924	9999.9
	1818.7	36.4	0.330	0.009	9999.9
	577.7	1145.6	0.359	0.003	320.5
	959.8	0.121	0.338	0.004	293.6
	8.19		0.257	0.002	492.1
106.119	10.01			0.005	
					1588.8
108	27.73	373.6	0.339	-0.923	9999.9
	1881.4	36.4	0.327	0.010	9999.9
	577.3	1143.4	0.356	0.007	322.3
	959.5	0.121	0.343	0.008	293.6
	8.09		0.251	0.007	504.4
107.119	9.93			0.004	
					1529.7
109	27.62	375.5	0.343	-0.925	9999.9
	1841.5	36.4	0.318	0.008	9999.9
	577.4	1142.4	0.360	0.004	323.9
	961.3	0.120	0.340	0.007	294.3
	8.18		0.253	-0.001	517.4
108.119	10.01			0.005	
					1502.7
110	27.64	375.7	0.335	-0.921	9999.9
	1836.6	36.4	0.330	0.009	9999.9
	576.9	1140.4	0.353	0.010	325.8
	960.5	0.120	0.339	0.009	294.2
	8.16		0 2540	0	38.
109.119	10.01			0.005	
					1515.9
111	27.67	375.9	0.338	-0.931	9999.9
	1842.0	36.4	0.316	0.010	9999.9
	576.6	1142.4	0.355	0.008	326.7
	962.5	0.120	0.340	0.005	294.4
	8.17		0.255	0.003	542.3
110.119	10.01			0.005	
					1556.7
112	27.62	375.8	0.336	-0.922	9999.9
	1825.6	36.4	0.319	0.001	9999.9
	576.7	1142.6	0.359	0.007	329.2
	958.3	0.120	0.342	0.007	293.6
	8.16		0.252	-0.004	556.1
111.119	10.01			0.004	
					1536.9
113	27.63	376.0	0.334	-0.926	9999.9
	1835.5	36.4	0.329	0.011	9999.9
	576.6	1143.4	0.363	0.009	331.0
	965.0	0.120	0.342	0.005	294.3
	8.22		0.253	-0.002	570.7
112.119	10.01			0.005	
					1550.3
114	27.65	375.9	0.335	-0.925	9999.9
	1851.3	36.4	0.322	0.008	9999.9
	576.6	1145.1	0.365	0.008	332.6
	963.5	0.120	0.342	0.004	294.4
	8.15		0.257	-0.000	583.6
113.119	10.01			0.005	
					1533.2
115	27.76	376.0	0.338	-0.926	9999.9
	1791.8	36.4	0.327	0.007	9999.9
	576.4	1137.1	0.353	0.009	334.4
	959.8	0.122	0.347	0.008	294.4
	8.23		0.257	0.003	597.0
114.119	10.02			0.004	
					1544.1
116	27.46	375.2	0.341	-0.922	384.2
	1800.7	36.4	0.331	0.007	9999.9
	576.1	1137.6	0.357	0.006	336.2
	960.8	0.119	0.345	0.004	294.0
	8.26		0.256	-0.004	610.6
115.119	10.03			0.005	
					1555.2
117	27.87	376.2	0.344	-0.921	9999.9
	1776.5	36.5	0.336	0.006	9999.9
	576.7	1146.1	0.361	0.009	337.9
	960.3	0.122	0.341	0.004	293.9
	8.27		0.260	0.008	622.8
116.119	10.03			0.005	
					1546.3
118	27.59	376.4	0.335	-0.927	9999.9
	1828.2	36.4	0.344	0.003	9999.9
	576.4	1144.4	0.355	0.009	339.7
	960.8	0.120	0.343	0.004	294.4
	8.17		0.255	0.009	640.2
117.119	10.04			0.005	
					1533.8

119	27.62	376.4	0.341	-0.928	0.0
	1809.4	36.5	0.326	0.008	9999.9
	576.6	1142.6	0.358	0.005	340.6
	961.8	0.120	0.335	0.007	294.5
	8.22		0.255	0.020	653.0
118.119	10.06			0.005	
					1532.7
120	27.54	376.2	0.333	-0.910	0.0
	1858.2	36.5	0.339	0.006	0.0
	576.9	1140.5	0.363	0.007	343.2
	961.8	0.120	0.350	0.006	294.5
	8.16		0.255	0.005	666.5
119.119	9.98			0.004	
					1534.6
121	26.28	373.2	0.333	-0.936	9999.9
	1935.0	35.9	0.324	0.039	9999.9
	577.5	1139.3	0.357	0.002	343.6
	956.0	0.109	0.342	0.002	293.8
	8.14		0.255	0.014	680.0
120.119	9.97			0.003	
					1522.5

ARC POWER OFF

2-MW PJ FACILITY CONCRETE SAMPLE TEST NO 188 - RUN NO. 38

POINT NO / TIME SEC	FAC. OPERATING PARAMETERS: GAS FLO-G/S; ENTHALPY-CAL/G; CURRENT-AMPS; VOLTS; WATER FLO-L/S; WATER DT-DEG K	PARAMETERS: PRES-N/CM2	PROBE: PRESS N/CM2	PROBE: HEAT FLUX KW/CM2	MODEL: TEMP DEG K
		HEATER MAN	1	1	TC-1
		ARC CHAMB	2	2	TC-2
		VENTURI	3	3	TC-3
		VENTURI DP	4	4	TC-4
			5	5	TC-5
				6	TC-6
					TC-7
					PYROM
1	28.31	385.8	0.000	0.007	301.3
	1113.2	31.3	0.000	0.137	295.2
	152.1	1151.8	0.000	0.137	294.2
	1390.3	0.125	0.000	0.106	293.8
	8.23		0.000	0.111	294.8
0.000	2.32			0.016	
					0.0
2	28.42	381.3	0.125	-0.003	307.0
	1083.0	31.4	1.499	0.148	292.3
	153.1	1152.1	1.922	0.140	292.3
	1389.5	0.126	1.676	0.108	293.3
	8.20		0.140	0.117	296.8
0.116	2.45			0.019	
					0.0
3	27.07	385.3	0.151	0.004	307.2
	1111.6	31.4	1.513	0.148	292.3
	152.9	1154.8	1.905	0.137	292.8
	1373.3	0.114	1.677	0.109	293.8
	8.14		0.162	0.107	297.3
2.119	2.47			0.019	
					0.0
4	28.38	385.6	0.175	0.004	308.3
	1074.7	31.4	1.524	0.140	292.6
	153.6	1157.4	1.912	0.133	293.6
	1386.0	0.125	1.688	0.111	292.5
	8.21		0.176	0.104	297.0
4.119	2.48			0.019	
					0.0
					38
5	28.43	382.6	0.182	0.002	309.2
	1076.2	31.4	1.517	0.144	289.3
	153.9	1157.2	1.909	0.135	294.0
	1390.8	0.125	1.680	0.109	293.8
	8.26		0.181	0.106	297.2
6.119	2.49			0.018	
					0.0
6	28.37	385.4	0.183	0.005	309.6
	1065.3	31.4	1.522	0.141	296.8
	154.2	1156.9	1.914	0.137	292.6
	1377.3	0.125	1.680	0.112	293.5
	8.21		0.185	0.109	296.5
8.119	2.50			0.019	
					0.0
7	28.48	384.8	0.191	0.001	311.0
	1083.5	31.5	1.522	0.141	0.0
	156.1	1157.4	1.919	0.134	294.3
	1380.3	0.126	1.690	0.108	293.8
	8.21		0.186	0.114	298.4
10.119	2.52			0.018	
					0.0
8	28.46	385.7	0.191	0.006	311.7
	1057.2	31.5	1.530	0.144	296.9
	154.6	1156.0	1.913	0.139	291.5
	1380.3	0.126	1.680	0.109	293.7
	8.26		0.187	0.108	298.5
12.119	2.54			0.019	
					0.0
9	28.40	385.6	0.195	0.007	312.7
	1075.4	31.5	1.520	0.145	290.3
	155.1	1154.8	1.920	0.138	296.0
	1382.0	0.125	1.687	0.109	293.8
	8.17		0.183	0.113	298.0
14.119	2.54			0.018	
					0.0
10.	28.52	385.6	0.188	0.005	313.1
	1057.5	31.5	1.527	0.148	297.4
	155.3	1152.3	1.919	0.141	294.0
	1377.0	0.127	1.685	0.112	292.9
	8.24		0.186	0.122	298.0
16.119	2.54			0.018	
					0.0

PROBE OUT

MODEL IN

38

11	28.36	376.4	0.317	0.006	318.3
	1077.7	29.3	0.650	0.011	297.1
	156.5	1151.4	0.658	0.007	297.8
	1368.3	0.125	0.597	0.010	296.6
	8.15		0.231	0.002	386.8
18.119	2.53			0.006	
					0.0
12	22.75	369.1	0.303	0.001	379.1
	1433.1	30.5	0.422	0.008	346.7
	160.0	1148.6	0.393	0.009	311.3
	1364.5	0.081	0.387	0.005	308.9
	8.03		0.249	-0.003	813.0
20.119	2.44			0.000	
					0.0
13	24.15	375.5	0.322	-0.007	412.8
	1302.5	29.9	0.346	0.008	9999.9
	157.3	1144.7	0.353	-0.001	316.4
	1358.3	0.092	0.343	0.001	310.6
	8.04		0.263	0.002	890.0
22.119	2.44			0.002	
					1113.6
14	22.54	372.5	0.305	0.008	567.5
	1408.2	29.9	0.334	0.001	1058.7
	158.1	1146.5	0.341	0.005	314.3
	1369.3	0.080	0.333	0.003	310.5
	8.19		0.263	-0.002	884.1
24.119	2.44			0.001	
					1209.7
15	20.97	376.1	0.312	0.001	817.9
	1549.5	29.9	0.333	0.007	931.4
	159.3	1144.7	0.342	0.000	316.1
	1357.5	0.069	0.326	0.001	309.9
	8.11		0.267	0.004	869.3
26.119	2.37			-0.004	
					1256.2
16	25.76	378.5	0.304	-0.010	834.5
	1281.3	29.3	0.329	0.005	421.0
	160.6	1143.3	0.332	0.003	310.8
	1378.8	0.104	0.323	0.000	308.7
	8.10		0.269	-0.007	854.8
28.119	2.46			-0.002	
					1296.6
					38
17	21.10	372.5	0.326	0.009	541.3
	1537.5	31.0	0.323	-0.003	320.2
	158.9	1146.0	0.314	0.002	308.9
	1361.0	0.070	0.326	-0.002	309.4
	8.16		0.266	0.002	821.2
30.119	2.36			-0.004	
					1307.8
18	25.72	372.7	0.312	-0.006	471.2
	1239.6	29.4	0.321	0.003	315.5
	158.0	1144.2	0.325	-0.000	309.7
	1367.5	0.104	0.325	0.000	305.9
	8.04		0.269	-0.004	790.8
32.119	2.46			-0.000	
					1337.3
19	27.20	375.6	0.319	-0.002	436.0
	1175.5	29.9	0.343	0.001	319.5
	157.0	1144.2	0.326	0.007	306.5
	1364.8	0.116	0.328	-0.004	307.2
	8.10		0.269	-0.004	782.3
34.119	2.38			-0.001	
					1348.2
20	24.18	376.4	0.316	-0.002	428.2
	1381.3	28.8	0.321	-0.005	324.6
	158.4	1142.3	0.319	-0.001	304.6
	1372.0	0.092	0.323	0.000	304.9
	8.07		0.267	-0.010	797.8
36.119	7.30			0.001	
					1354.8
21	25.69	369.8	0.316	-0.000	428.0
	1339.9	31.1	0.329	0.002	331.3
	160.0	1141.3	0.333	-0.002	300.8
	1385.3	0.104	0.327	-0.002	302.4
	8.11		0.267	-0.003	841.0
38.119	2.29			-0.007	
					1353.2
22	25.67	376.5	0.317	0.003	419.3
	1272.7	29.5	0.337	0.003	324.0
	156.3	1139.9	0.333	0.004	300.5
	1368.3	0.104	0.324	-0.003	300.4
	8.05		0.268	-0.001	972.6
40.119	2.29			0.001	
					1366.7

					38
23	27.02	373.4	0.314	-0.007	429.6
	1227.9	31.6	0.329	0.005	322.3
	155.7	1141.6	0.330	-0.001	298.4
	1379.5	0.115	0.321	-0.006	300.6
	8.16		0.270	-0.003	1082.1
42.119	2.23			0.003	
					1358.0
24	25.76	376.9	0.312	-0.005	428.3
	1216.1	30.5	0.342	-0.002	330.5
	155.1	1138.4	0.330	0.005	299.4
	1363.3	0.105	0.328	-0.004	297.3
	8.10		0.267	-0.005	1115.2
44.119	2.37			0.001	
					1352.8
25	28.33	383.6	0.322	-0.004	428.3
	1059.6	30.8	0.328	0.000	336.4
	148.5	1137.1	0.340	0.002	300.3
	1391.0	0.127	0.328	-0.004	296.8
	8.16		0.262	0.000	1204.6
46.119	2.38			0.003	
					1360.8
26	27.07	380.2	0.319	-0.004	433.3
	1006.0	30.1	0.320	0.005	338.4
	138.0	1137.4	0.341	-0.001	300.9
	1427.0	0.116	0.327	0.002	296.7
	8.11		0.270	0.013	1255.7
48.119	2.44			0.000	
					1352.1
27	28.56	376.8	0.314	-0.010	436.6
	1128.5	30.6	0.338	0.001	345.5
	157.1	1136.2	0.347	0.002	293.3
	1367.0	0.129	0.331	-0.004	295.4
	8.11		0.266	0.001	1107.5
50.119	2.36			-0.001	
					1381.5
28	25.27	370.5	0.316	-0.006	445.9
	1325.4	31.3	0.323	0.001	339.6
	163.1	1138.6	0.343	0.003	292.5
	1760.3	0.101	0.330	0.002	296.1
	8.15		0.274	0.008	1044.9
52.119	2.40			0.002	
					1391.7
29	28.58	374.0	0.325	-0.002	451.2
	1156.3	31.3	0.347	0.001	341.3
	159.9	1137.9	0.343	-0.000	290.8
	1366.3	0.129	0.331	-0.001	296.6
	8.14		0.271	0.006	1080.0
54.119	2.26			0.002	
					1390.8
30	28.36	379.4	0.304	0.003	443.5
	1225.5	31.0	0.332	0.003	347.0
	158.3	1135.4	0.342	0.003	293.8
	1770.3	0.127	0.328	-0.003	295.6
	8.14		0.271	0.005	1075.6
56.119	2.14			0.002	
					1395.5
31	27.21	384.2	0.325	-0.001	471.2
	1189.2	31.1	0.348	-0.002	347.9
	152.1	1135.7	0.334	0.002	295.3
	1392.5	0.117	0.333	-0.001	292.8
	8.04		0.275	-0.005	1088.8
58.119	2.27			0.003	
					1405.3
32	28.57	376.5	0.328	-0.003	476.9
	1072.5	31.1	0.332	0.005	349.0
	152.1	1137.1	0.332	0.003	295.4
	1392.3	0.129	0.333	-0.003	295.3
	8.13		0.270	0.006	1040.5
60.119	2.46			0.000	
					1387.9
33	27.26	373.6	0.333	0.001	488.8
	1097.5	31.7	0.318	0.003	350.2
	152.1	1136.2	0.350	0.002	293.6
	1387.3	0.118	0.334	0.002	295.0
	8.22		0.272	0.007	988.9
62.119	2.49			0.003	
					1350.8
34	28.44	380.9	0.334	0.006	491.8
	1085.3	31.2	0.357	0.002	351.3
	153.1	1134.5	0.351	0.003	293.4
	1383.5	0.128	0.335	-0.001	292.2
	8.07		0.273	0.006	961.7
64.119	2.45			0.002	
					1316.4

					38
35	28.57	384.6	0.312	0.001	504.3
	1072.4	30.6	0.348	0.005	356.3
	152.8	1133.3	0.346	0.004	296.8
	1390.0	0.129	0.336	-0.001	292.7
	8.04		0.272	0.000	927.8
66.119	2.50			0.003	
					1294.8
36	28.43	381.2	0.332	-0.003	517.1
	1051.7	31.1	0.341	-0.003	345.5
	150.5	1133.3	0.345	-0.001	295.4
	1393.5	0.128	0.332	0.002	295.2
	8.08		0.274	-0.002	905.3
68.119	2.51			-0.000	
					1281.6
37	28.39	382.0	0.320	0.000	523.4
	1084.6	31.7	0.336	0.005	358.1
	152.8	1134.0	0.350	0.001	295.4
	1394.5	0.128	0.337	-0.001	293.3
	8.06		0.275	-0.001	872.1
70.119	2.50			0.001	
					1225.0
38	28.47	378.4	0.320	-0.003	533.5
	1133.0	31.2	0.333	0.001	354.6
	157.5	1132.8	0.346	0.003	294.0
	1375.0	0.129	0.339	-0.001	293.8
	8.06		0.278	-0.001	889.0
72.119	2.42			0.002	
					1177.0
39	28.57	382.0	0.329	-0.001	545.6
	1158.9	31.9	0.343	-0.000	353.4
	158.4	1132.8	0.341	0.002	297.8
	1371.3	0.129	0.340	0.002	293.1
	8.18		0.277	0.008	853.3
74.119	2.30			0.002	
					1130.2
40	28.57	385.0	0.336	-0.001	547.4
	1149.8	31.9	0.350	0.005	362.2
	157.7	1132.8	0.351	0.003	297.4
	1372.8	0.129	0.336	-0.002	293.7
	8.10		0.276	0.000	835.1
76.119	2.33			0.002	
					1084.2
41	28.61	381.9	0.327	-0.004	566.1
	1142.6	31.9	0.343	0.011	360.1
	156.7	1132.3	0.340	0.002	298.3
	1379.8	0.130	0.337	-0.000	293.1
	8.02		0.277	-0.003	806.0
78.119	2.37			0.001	
					1049.6
42	28.38	376.2	0.321	0.003	577.4
	1116.3	31.9	0.336	0.005	363.3
	155.0	1129.6	0.356	-0.006	295.9
	1379.5	0.128	0.341	-0.001	292.1
	8.15		0.276	0.004	800.8
80.119	2.42			0.002	
					0.0
43	27.27	383.5	0.334	-0.004	582.1
	1099.4	31.7	0.352	0.002	358.6
	148.2	1128.6	0.353	-0.000	297.8
	1399.5	0.118	0.337	-0.007	296.2
	8.06		0.278	0.003	806.1
82.119	2.43			0.003	
					0.0
44	28.68	380.7	0.334	0.000	600.2
	1041.2	31.3	0.337	0.001	368.1
	150.0	1130.5	0.353	0.005	299.4
	1409.3	0.131	0.340	0.002	294.6
	8.19		0.281	0.002	764.8
84.119	2.52			0.003	
					0.0
45	27.83	378.6	0.329	-0.001	604.9
	1112.1	31.9	0.337	0.004	369.4
	155.1	1129.1	0.360	0.004	300.5
	1389.3	0.123	0.340	0.000	296.0
	8.17		0.279	0.003	704.5
86.119	2.52			0.003	
					0.0
46	27.27	385.3	0.337	-0.002	621.3
	1160.5	29.9	0.345	-0.002	367.7
	154.3	1128.4	0.361	-0.002	301.0
	1391.8	0.118	0.340	-0.001	292.2
	8.06		0.277	0.003	696.2
88.119	2.44			0.002	
					0.0

					38
47	27.38	382.3	0.334	-0.005	637.5
	1147.9	31.4	0.345	0.002	372.9
	155.1	1128.9	0.356	0.003	301.5
	1377.0	0.119	0.339	0.004	293.2
	8.20		0.274	0.004	677.4
90.119	2.40			0.001	
					1401.4
48	28.44	385.7	0.335	-0.000	655.8
	1127.7	31.4	0.339	-0.009	367.5
	155.0	1126.9	0.367	0.005	302.0
	1380.3	0.129	0.334	-0.006	293.2
	8.21		0.277	-0.000	650.9
92.119	2.33			0.003	
					1411.1
49	28.58	387.9	0.327	-0.001	673.2
	1098.7	32.0	0.353	0.001	375.0
	156.2	1126.2	0.350	0.013	304.0
	1387.8	0.130	0.341	-0.002	292.4
	8.20		0.276	0.013	618.5
94.119	2.49			0.003	
					1400.9
50	28.64	385.9	0.336	-0.002	690.3
	1054.1	31.4	0.362	-0.001	371.0
	152.8	1126.7	0.369	0.004	303.2
	1391.8	0.131	0.341	0.001	292.3
	8.30		0.281	-0.002	592.4
96.119	2.49			0.003	
					1407.8
51	27.30	384.8	0.338	-0.002	716.2
	1094.0	31.6	0.348	0.005	376.8
	143.4	1126.7	0.373	0.004	304.3
	1426.8	0.119	0.343	0.000	293.1
	8.16		0.279	0.004	615.9
98.119	2.33			0.003	
					1378.8
52	28.64	383.0	0.328	-0.007	735.9
	978.0	31.5	0.362	0.001	382.6
	141.9	1127.2	0.367	0.006	303.6
	1421.3	0.131	0.337	0.000	296.4
	8.22		0.279	-0.005	606.8
100.119	2.46			0.003	
					1375.8

					38
53	28.51	386.3	0.341	-0.004	760.4
	1056.9	31.8	0.364	0.001	385.2
	146.5	1124.7	0.368	0.004	307.2
	1408.8	0.130	0.344	-0.000	292.6
	8.00		0.281	0.002	571.7
102.119	2.40			0.001	
					1400.5
54	28.74	379.5	0.342	-0.002	780.7
	1082.5	32.0	0.358	0.007	387.8
	152.9	1127.1	0.373	0.004	307.9
	1399.0	0.132	0.344	-0.003	293.0
	8.19		0.283	0.004	529.8
104.119	2.45			0.003	
					1417.5
55	28.44	385.1	0.344	0.001	805.1
	1109.5	32.1	0.359	0.001	391.2
	156.8	1122.7	0.377	0.004	306.2
	1384.8	0.129	0.343	0.007	293.5
	8.20		0.283	0.008	503.2
106.119	2.48			0.003	
					1423.0
56	28.82	386.3	0.339	-0.007	828.3
	1106.3	31.5	0.365	0.002	396.4
	157.5	1126.4	0.368	0.005	309.8
	1376.8	0.133	0.343	-0.001	292.2
	8.07		0.283	0.013	499.9
108.119	2.47			0.003	
					1436.7
57	28.66	374.0	0.341	0.001	854.0
	1146.9	30.5	0.338	0.010	402.9
	157.5	1124.9	0.362	0.003	310.1
	1383.3	0.131	0.339	-0.001	292.8
	8.23		0.283	0.004	488.8
110.119	2.34			0.001	
					1444.0
58	27.81	390.3	0.328	-0.001	873.7
	1054.8	30.0	0.351	0.003	411.5
	142.9	1127.8	0.376	0.005	312.1
	1421.3	0.124	0.342	0.007	292.9
	8.12		0.284	-0.002	516.8
112.119	2.37			0.001	
					1414.6

					38
59	28.58	382.2	0.335	-0.003	992.9
	921.9	30.2	0.347	0.010	420.8
	133.5	1125.9	0.359	-0.000	311.9
	1445.3	0.130	0.344	-0.000	293.1
	8.24		0.284	-0.001	547.9
114.119	2.40			0.003	
					1384.7
60	28.79	387.3	0.346	-0.003	911.5
	1067.4	32.1	0.353	0.001	426.9
	155.0	1124.0	0.374	0.002	314.2
	1387.0	0.133	0.345	0.000	292.4
	7.97		0.294	0.004	467.9
116.119	2.59			0.003	
					1386.7
61	28.67	387.5	0.348	-0.002	925.3
	1083.1	31.9	0.361	0.005	440.4
	155.5	1125.4	0.371	0.016	314.0
	1390.3	0.131	0.344	0.002	293.3
	8.16		0.285	0.000	462.7
118.119	2.53			0.003	
					1429.4
62	28.73	391.1	0.348	-0.005	945.7
	1086.7	31.6	0.368	0.000	450.1
	155.4	1122.7	0.376	0.002	313.4
	1384.8	0.132	0.346	0.000	292.0
	8.14		0.286	-0.002	459.0
120.119	2.48			0.001	
					1446.9
63	28.74	390.9	0.346	0.017	964.0
	1103.7	32.1	0.347	0.007	459.7
	155.7	1120.1	0.377	0.004	316.6
	1389.8	0.133	0.346	-0.001	293.6
	8.24		0.284	0.011	461.0
122.119	2.43			0.003	
					1465.2
64	28.94	391.1	0.340	0.012	982.4
	1081.9	32.2	0.367	0.002	468.7
	156.5	1124.2	0.364	0.004	317.9
	1389.8	0.134	0.345	-0.002	293.4
	8.15		0.284	-0.001	456.6
124.119	2.54			0.002	
					1450.0

					38
65	28.64	386.4	0.336	0.001	1002.5
	1077.9	32.2	0.352	0.007	473.7
	156.8	1119.8	0.376	0.006	320.9
	1381.0	0.132	0.344	0.002	293.4
	8.16		0.283	0.008	452.5
126.119	2.56			0.001	
					1453.6
66	28.81	388.1	0.343	0.006	1023.8
	1097.7	32.3	0.359	0.002	485.9
	157.2	1121.5	0.374	0.006	320.9
	1389.5	0.133	0.344	0.004	292.7
	8.25		0.284	0.011	447.9
128.119	2.49			0.003	
					1416.8
67	28.59	383.5	0.344	-0.004	1063.4
	1084.9	32.3	0.367	0.001	490.1
	157.2	1119.4	0.368	0.003	322.9
	1391.8	0.131	0.347	0.000	292.2
	8.23		0.285	-0.003	446.4
130.119	2.59			0.003	
					1407.2
68	28.70	381.9	0.337	-0.004	1161.5
	1106.3	32.3	0.353	0.005	498.6
	156.7	1120.3	0.371	0.008	322.6
	1401.8	0.132	0.349	0.001	292.7
	8.24		0.286	0.007	452.0
132.119	2.52			0.000	
					1420.0
69	27.29	383.9	0.323	-0.009	1285.0
	1177.6	30.6	0.354	-0.003	507.5
	157.2	1117.6	0.346	-0.001	324.9
	1379.0	0.120	0.347	0.003	291.5
	7.97		0.278	-0.001	463.1
134.119	2.47			0.003	
					1495.2
70	28.54	386.8	0.318	0.002	9999.9
	1158.9	30.9	0.351	-0.001	572.1
	158.5	1115.7	0.340	-0.005	326.5
	1379.3	0.131	0.348	0.005	291.7
	8.08		0.279	-0.014	458.3
136.119	2.38			0.001	
					1456.0

					38
71.	26.03	383.9	0.339	-0.003	9999.9
	1195.3	29.2	0.347	0.003	577.2
	158.7	1115.0	0.354	0.001	322.5
	1375.3	0.109	0.346	-0.005	290.6
	8.26		0.282	-0.003	458.0
138.119	2.55			0.002	
					1431.8
72.	28.59	384.2	0.337	-0.001	9999.9
	1098.8	30.5	0.360	-0.003	607.0
	153.3	1115.4	0.356	0.004	325.5
	1399.8	0.132	0.346	-0.009	292.6
	8.10		0.279	-0.001	456.8
140.119	2.45			0.002	
					1401.0
73.	28.55	379.3	0.325	-0.009	9999.9
	1132.3	31.1	0.359	0.002	606.4
	156.0	1116.1	0.368	0.001	329.2
	1384.5	0.131	0.345	-0.002	292.4
	8.10		0.279	-0.002	457.4
142.119	2.38			0.001	
					1433.0
74.	28.71	375.8	0.338	-0.001	9999.9
	1107.2	30.9	0.327	0.004	605.8
	155.3	1117.1	0.372	-0.001	331.2
	1402.8	0.133	0.344	-0.004	292.9
	7.99		0.278	0.006	457.5
144.119	2.54			0.003	
					1443.9
75.	27.79	379.3	0.348	-0.007	9999.9
	1220.5	30.9	0.352	-0.000	608.2
	155.1	1113.7	0.370	0.001	331.6
	1404.8	0.120	0.346	-0.004	294.3
	8.14		0.286	0.002	453.4
146.119	2.31			0.001	
					1407.3
76.	28.80	382.8	0.339	-0.007	9999.9
	1091.8	31.5	0.342	-0.002	600.7
	156.9	1117.1	0.356	0.002	333.5
	1387.0	0.133	0.349	-0.002	293.8
	8.10		0.285	0.002	458.5
148.119	2.54			0.003	
					1351.2

					38
77.	26.25	383.2	0.349	0.006	9999.9
	1214.0	31.2	0.342	-0.001	613.3
	153.0	1116.7	0.363	0.003	338.7
	1393.0	0.109	0.348	-0.003	292.0
	8.09		0.283	-0.005	456.0
150.119	2.39			0.001	
					1350.8
78.	28.90	386.5	0.349	-0.003	9999.9
	1046.3	30.9	0.360	-0.002	602.5
	154.4	1117.8	0.362	0.003	339.7
	1393.0	0.134	0.351	-0.001	291.0
	8.06		0.283	-0.002	459.6
152.119	2.63			0.002	
					1450.1
79.	28.82	379.9	0.342	-0.007	9999.9
	1052.5	32.1	0.358	-0.006	614.2
	152.8	1114.7	0.356	-0.000	338.3
	1402.8	0.134	0.350	-0.006	291.6
	8.13		0.289	-0.001	458.1
154.119	2.57			0.003	
					1451.7
80.	28.69	385.3	0.349	0.010	9999.9
	1099.2	32.2	0.368	0.001	617.7
	154.7	1115.7	0.375	0.002	343.2
	1389.0	0.133	0.352	-0.003	292.4
	8.09		0.286	0.001	461.7
156.119	2.45			0.003	
					1443.2
81.	27.49	387.3	0.349	-0.007	9999.9
	1103.7	32.3	0.355	-0.004	638.2
	152.9	1113.5	0.354	0.002	343.4
	1395.8	0.122	0.347	0.000	293.7
	8.17		0.290	0.006	461.9
158.119	2.53			0.001	
					1361.0
82.	26.12	370.6	0.343	-0.007	9999.9
	1230.0	32.3	0.363	0.001	617.5
	154.9	1114.4	0.354	0.004	343.6
	1399.8	0.110	0.352	0.001	292.4
	8.07		0.288	0.004	466.1
160.119	2.44			0.003	
					1387.5

					38
83.	27.55	380.6	0.352	-0.002	9999.9
	1132.5	32.2	0.366	-0.003	639.6
	152.9	1114.0	0.365	0.005	349.8
	1397.5	0.122	0.354	0.003	291.7
	8.10		0.290	0.001	469.4
162.119	2.46			0.002	
					1288.3
84.	28.76	394.6	0.344	-0.003	9999.9
	1044.1	32.3	0.363	0.005	652.4
	153.1	1114.2	0.372	0.005	351.5
	1396.8	0.133	0.356	0.002	294.5
	8.07		0.288	0.001	471.2
164.119	2.62			0.003	
					1071.7
85.	28.88	387.9	0.352	-0.009	9999.9
	1165.7	31.8	0.366	0.004	667.2
	155.5	1115.7	0.367	0.004	352.8
	1413.0	0.134	0.356	-0.004	292.5
	8.14		0.291	0.002	474.5
166.119	2.53			0.001	
					1452.2
86.	27.65	381.3	0.353	-0.007	9999.9
	1162.0	32.3	0.362	0.003	695.5
	156.5	1114.0	0.367	0.005	353.6
	1397.8	0.122	0.355	0.005	293.7
	8.16		0.291	0.003	479.4
168.119	2.57			0.001	
					1439.0
87.	28.78	388.3	0.345	0.001	9999.9
	1057.4	32.3	0.370	-0.000	709.3
	151.9	1112.0	0.370	0.003	353.9
	1403.0	0.134	0.351	0.003	292.7
	8.08		0.291	0.003	481.4
170.119	2.54			0.003	
					1441.5
88.	28.69	381.7	0.353	-0.011	9999.9
	1058.6	32.3	0.370	0.002	727.8
	151.3	1112.2	0.377	0.001	358.2
	1405.9	0.133	0.357	0.000	293.7
	8.08		0.296	-0.002	486.2
172.119	2.54			0.003	
					1392.1

					38
89.	28.73	381.9	0.340	0.006	9999.9
	1069.8	32.4	0.368	0.011	773.6
	152.8	1111.3	0.365	0.004	359.6
	1405.3	0.133	0.360	-0.002	292.2
	8.12		0.293	0.003	490.0
174.119	2.54			0.003	
					1378.8
90	28.86	395.4	0.347	-0.006	9999.9
	1060.2	32.4	0.353	-0.001	801.4
	151.7	1110.6	0.352	0.004	359.7
	1411.3	0.135	0.355	-0.001	294.3
	8.12		0.289	0.001	493.6
176.119	2.54			0.003	
					1459.3
91	28.79	389.9	0.347	0.009	1517.0
	1067.4	32.1	0.365	-0.001	846.1
	152.5	1113.5	0.372	0.003	359.6
	1405.0	0.133	0.359	0.002	294.3
	8.10		0.295	-0.001	495.9
178.119	2.54			0.003	
					1410.3
92	28.75	384.9	0.354	-0.002	1147.1
	1173.3	32.3	0.353	0.002	891.4
	154.5	1112.8	0.366	0.001	363.9
	1395.5	0.133	0.357	-0.001	296.7
	8.09		0.293	0.001	499.1
180.119	2.20			0.001	
					1360.7
93	28.71	392.4	0.349	-0.000	626.8
	1088.9	32.2	0.366	0.002	950.8
	154.5	1113.9	0.365	0.004	363.7
	1400.5	0.133	0.358	-0.006	295.1
	8.08		0.294	-0.000	503.0
182.119	2.54			0.003	
					1425.9
94	28.91	392.7	0.356	-0.002	9999.9
	1086.3	31.8	0.369	0.004	1000.7
	154.3	1114.5	0.378	0.003	365.0
	1407.8	0.135	0.362	0.003	293.8
	8.12		0.294	0.002	506.2
184.119	2.53			0.003	
					1475.8

					38
95	27.76	392.9	0.355	-0.000	9999.9
	1096.7	32.4	0.352	-0.000	1057.2
	153.4	1111.3	0.370	0.006	367.6
	1394.0	0.125	0.362	-0.000	292.5
	8.20		0.293	0.001	511.4
186.119	2.52			0.001	
					1454.0
96	28.95	390.2	0.351	0.002	9999.9
	1041.3	32.5	0.371	0.002	1154.2
	154.5	1116.2	0.377	0.000	367.6
	1392.8	0.135	0.360	0.002	294.0
	8.15		0.295	0.000	514.7
188.119	2.61			0.003	
					1427.2
97	28.98	389.9	0.350	-0.005	9999.9
	1097.7	32.0	0.361	0.003	1352.9
	155.8	1112.7	0.370	0.012	369.8
	1396.5	0.136	0.362	0.001	293.5
	8.22		0.296	-0.002	518.2
190.119	2.46			0.004	
					1446.1
98	27.58	387.0	0.354	-0.002	9999.9
	1139.9	32.5	0.370	0.003	9999.9
	155.6	1112.7	0.368	0.007	370.3
	1395.0	0.123	0.363	0.001	295.2
	8.04		0.297	-0.000	524.4
192.119	2.54			0.004	
					1345.2
99	29.12	393.0	0.362	-0.002	9999.9
	1071.7	32.5	0.371	0.002	9999.9
	155.7	1112.5	0.375	0.006	374.3
	1396.0	0.137	0.364	0.001	294.3
	8.13		0.299	0.006	527.2
194.119	2.55			0.007	
					1456.0
100	28.97	387.1	0.363	-0.003	9999.9
	1086.1	32.6	0.368	0.000	9999.9
	156.0	1115.7	0.367	0.002	372.7
	1408.0	0.135	0.366	0.002	296.2
	8.16		0.294	0.002	532.7
196.119	2.58			0.003	
					1468.1

					38
101	27.67	394.6	0.364	-0.005	484.0
	1097.7	32.6	0.354	-0.002	9999.9
	156.7	1115.7	0.369	0.004	374.0
	1391.5	0.123	0.365	0.002	296.4
	8.20		0.297	0.005	535.6
198.119	2.65			0.004	
					1405.5
102	29.01	396.8	0.352	-0.002	0.0
	1084.4	32.7	0.359	0.003	9999.9
	156.7	1111.0	0.368	0.003	373.5
	1402.3	0.136	0.362	0.003	295.9
	8.17		0.297	0.001	540.9
200.119	2.58			0.003	
					1264.4
103	26.26	394.1	0.357	0.002	844.9
	1206.8	32.6	0.371	0.003	0.0
	157.0	1112.7	0.371	0.003	377.1
	1392.8	0.111	0.357	0.001	295.2
	8.21		0.297	0.003	544.7
202.119	2.51			0.003	
					1465.7
104	27.84	391.0	0.353	-0.004	1340.9
	1112.8	32.4	0.377	0.003	1576.5
	156.7	1113.4	0.367	0.002	377.3
	1378.9	0.125	0.365	0.001	295.7
	8.20		0.297	-0.003	549.1
204.119	2.52			0.003	
					1460.5
105	28.97	384.6	0.367	-0.003	972.5
	1042.1	32.6	0.377	0.003	9999.9
	156.0	1115.2	0.372	0.005	380.6
	1395.5	0.135	0.367	0.001	296.5
	8.14		0.299	-0.000	553.4
206.119	2.69			0.003	
					1448.7
106	29.09	387.8	0.366	0.009	9999.9
	1020.5	32.6	0.375	0.006	9999.9
	157.3	1114.8	0.372	0.005	377.4
	1383.0	0.137	0.362	0.002	296.9
	8.21		0.298	0.001	559.8
208.119	2.72			0.001	
					1403.7

					38
107	29.00	398.3	0.359	0.002	9999.9
	1051.1	32.7	0.373	-0.000	9999.9
	156.3	1113.9	0.374	0.005	386.8
	1401.0	0.136	0.363	-0.000	295.1
	8.10		0.300	0.003	562.5
210.119	2.70			0.003	
					1436.1
108	29.15	398.0	0.368	0.001	9999.9
	1072.1	32.7	0.366	0.005	9999.9
	156.2	1115.2	0.376	0.007	382.5
	1403.5	0.137	0.364	0.005	296.1
	8.03		0.296	0.004	569.0
212.119	2.64			0.004	
					1422.3
109	27.75	385.4	0.368	-0.002	9999.9
	1095.7	32.7	0.382	0.004	9999.9
	158.9	1114.5	0.369	-0.002	389.4
	1383.0	0.124	0.366	0.003	295.7
	8.16		0.299	0.006	573.3
214.119	2.71			0.003	
					1450.4
110	29.33	395.8	0.356	-0.009	0.0
	1014.3	32.7	0.362	0.003	9999.9
	156.3	1114.4	0.375	0.002	394.3
	1397.0	0.139	0.363	0.003	295.8
	8.33		0.299	-0.002	578.4
216.119	2.70			0.003	
					1412.8
111	29.15	395.8	0.368	-0.003	0.0
	1042.3	32.7	0.381	0.006	9999.9
	156.3	1115.0	0.370	0.006	394.8
	1402.5	0.137	0.366	0.001	296.6
	8.16		0.300	0.006	584.2
218.119	2.70			0.003	
					1303.5
112	29.06	396.6	0.358	0.001	0.0
	1068.2	32.5	0.372	0.003	9999.9
	157.1	1114.9	0.371	0.010	393.5
	1395.3	0.136	0.370	0.003	296.6
	8.13		0.303	0.010	589.0
220.119	2.63			0.003	
					1173.9

					38
113	29.15	396.0	0.370	0.000	9999.9
	1072.8	32.8	0.387	0.004	9999.9
	158.9	1114.9	0.370	0.008	399.3
	1403.0	0.137	0.368	0.000	296.6
	8.13		0.300	0.005	594.0
222.119	2.71			0.004	
					1438.6

ARC POWER OFF

MODEL 27

2-MW PJ FACILITY CONCRETE SAMPLE TEST NO 188 - RUN NO. 39

POINT NO / TIME SEC	FAC. OPERATING PARAMETERS: GAS FLO-G/S; ENTHALPY-CAL/G; CURRENT-AMPS; VOLTS; WATER FLO-L/S; WATER DT-DEG K	PRES-N/CM 2: HEATER MAN; ARC CHAMB; VENTURI; VENTURI DPI	PROBE I PRESS N/CM 2	PROBE I HEAT IFLUX KW/CM 2	MODEL I TEMP DEG K: TC-1; TC-2; TC-3; TC-4; TC-5; TC-6; TC-7; PYROM	
			1	1	TC-1	
			2	2	TC-2	
			3	3	TC-3	
			4	4	TC-4	
			5	5	TC-5	
				6	TC-6	
					TC-7	
					PYROM	
1	30.43	386.7	0.000	0.002	308.1	
	1940.6	36.9	0.000	0.315	297.6	
	587.1	1199.3	0.000	0.298	296.1	
	1009.3	0.139	0.000	0.251	296.0	
	8.47		0.000	0.202	314.3	
0.000	10.12			0.048		
					0.0	PROBE OUT
2	29.89	376.8	0.281	0.006	1574.3	MODEL IN
	1898.5	36.4	0.542	0.023	317.0	
	587.1	1202.9	0.534	0.015	319.5	
	984.3	0.133	0.489	0.011	319.3	
	8.23		0.255	0.016	634.0	
0.116	9.89			0.003		
					1261.2	
3	20.29	384.1	0.298	0.004	389.8	
	1970.9	35.8	0.456	0.023	313.6	
	585.5	1193.1	0.463	0.008	317.1	
	989.3	0.120	0.425	0.011	314.6	
	8.17		0.256	0.078	575.3	
1.119	10.14			0.003		
					1360.7	
4	28.53	380.8	0.299	-0.000	384.9	
	2032.3	36.4	0.409	0.021	314.5	
	585.4	1199.3	0.421	0.009	311.9	
	995.3	0.122	0.393	0.009	311.7	
	8.10		0.253	0.004	549.0	
2.119	10.04			0.025		
					1411.5	
					39	
5	26.14	378.4	0.303	-0.006	373.8	
	2254.5	35.9	0.378	0.012	321.0	
	586.8	1197.2	0.367	0.008	311.7	
	998.8	0.103	0.365	0.010	311.7	
	8.17		0.245	0.001	541.2	
3.119	9.94			-0.002		
					1419.6	
6	25.28	384.1	0.288	-0.003	378.8	
	2360.7	36.4	0.352	0.015	314.9	
	588.3	1191.4	0.356	0.017	314.6	
	997.5	0.096	0.348	0.006	311.0	
	8.03		0.241	-0.004	538.7	
4.119	10.05			-0.015		
					1422.7	
7	24.97	380.8	0.296	-0.001	388.0	
	2448.1	36.5	0.379	0.011	321.1	
	589.5	1189.9	0.339	0.010	311.7	
	1006.0	0.094	0.343	0.004	310.1	
	8.10		0.238	0.014	532.7	
5.119	9.96			0.000		
					1445.2	
8	28.80	384.1	0.285	-0.001	384.5	
	2046.0	35.9	0.334	0.008	314.8	
	590.9	1196.0	0.327	0.007	312.8	
	1001.3	0.125	0.334	0.003	311.4	
	8.29		0.233	0.006	514.0	
6.119	9.96			-0.003		
					1477.4	
9	24.79	378.8	0.306	-0.008	383.3	
	2386.9	35.4	0.321	0.008	311.6	
	589.5	1194.6	0.319	0.000	311.4	
	1001.0	0.092	0.327	0.003	309.5	
	8.16		0.234	0.006	498.0	
7.119	10.04			-0.010		
					1506.3	
10	27.30	380.8	0.315	0.001	380.5	
	2135.3	34.8	0.311	0.008	317.5	
	588.0	1192.6	0.323	0.003	309.8	
	1006.3	0.112	0.332	0.011	308.1	
	8.27		0.228	0.023	481.3	
8.119	10.05			-0.009		
					1521.0	

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11	25.91	380.6	0.303	0.003	388.9
	2240.5	36.4	0.314	0.014	311.7
	590.2	1191.9	0.313	0.005	307.5
	997.3	0.101	0.320	0.004	306.8
	8.29		0.227	-0.007	475.0
9.119	9.97			-0.003	
					1471.8
12	28.54	380.9	0.305	-0.010	381.6
	2062.3	35.9	0.298	0.005	315.8
	588.4	1191.4	0.300	0.005	305.4
	1002.5	0.123	0.328	0.004	306.0
	8.17		0.228	0.003	462.9
10.119	10.06			-0.010	
					1540.9
13	27.63	373.4	0.306	-0.001	381.4
	2030.0	36.9	0.313	0.008	314.0
	585.6	1194.3	0.330	0.004	303.2
	997.8	0.115	0.325	0.005	304.7
	8.24		0.228	-0.000	442.9
11.119	10.15			0.004	
					1564.5
14	28.23	380.6	0.303	0.000	377.9
	2137.6	35.9	0.306	0.009	310.8
	589.5	1195.8	0.314	0.004	302.5
	1010.0	0.120	0.316	0.005	303.7
	8.20		0.229	0.003	447.1
12.119	10.00			-0.010	
					1574.6
15	25.16	384.4	0.307	-0.009	380.5
	2346.2	36.5	0.321	0.001	310.4
	585.6	1196.3	0.308	0.005	302.8
	998.3	0.095	0.306	-0.003	303.2
	8.15		0.234	-0.003	434.4
13.119	9.91			-0.015	
					1567.1
16	26.14	387.5	0.294	-0.002	379.3
	2259.5	37.0	0.319	0.003	306.1
	586.4	1192.6	0.303	0.002	304.5
	1003.5	0.103	0.310	0.001	302.3
	8.18		0.235	-0.000	430.7
14.119	9.98			-0.008	
					1553.9
					39
17	29.90	384.5	0.282	0.011	374.5
	1991.6	36.5	0.301	0.004	306.6
	587.4	1196.0	0.311	0.006	298.7
	1006.0	0.134	0.309	0.010	300.7
	8.19		0.232	0.018	429.1
15.119	9.98			-0.007	
					1567.9
18	28.26	374.1	0.292	-0.006	374.5
	2109.2	36.5	0.312	0.007	313.7
	587.8	1193.6	0.317	0.005	301.0
	1005.5	0.120	0.305	0.001	300.6
	8.19		0.233	0.002	433.1
16.119	9.98			-0.009	
					1553.7
19	28.30	380.9	0.284	-0.010	375.0
	2103.4	36.5	0.290	0.005	310.8
	586.4	1193.3	0.305	0.007	297.3
	1000.0	0.121	0.302	0.002	299.7
	8.09		0.230	0.006	438.6
17.119	9.97			-0.004	
					1552.7
20	28.46	377.3	0.277	-0.003	381.3
	2095.6	36.5	0.307	0.001	312.2
	587.9	1197.8	0.323	0.006	300.3
	1007.0	0.122	0.309	0.003	300.5
	8.14		0.234	-0.001	457.4
18.119	10.06			-0.008	
					1537.7
21	26.65	384.3	0.299	-0.001	379.7
	2068.5	36.5	0.296	0.006	316.1
	583.7	1192.9	0.320	0.005	299.3
	992.5	0.107	0.309	0.005	297.7
	8.21		0.231	0.005	450.8
19.119	10.15			-0.001	
					1469.4
22	27.21	382.0	0.291	-0.000	375.0
	2138.7	36.2	0.309	0.000	316.9
	585.2	1194.8	0.312	0.003	298.7
	1005.0	0.111	0.309	-0.000	298.5
	8.24		0.236	0.005	448.6
20.119	10.01			-0.006	
					1506.5

					39
23	30.88	381.0	0.291	-0.007	380.2
	1941.6	36.0	0.307	0.008	321.1
	585.0	1193.8	0.309	0.002	294.9
	1012.0	0.144	0.314	0.007	297.6
	8.13		0.234	-0.001	442.8
21.119	10.04			-0.000	
					1549.4
24	29.76	388.1	0.305	-0.001	377.1
	1947.0	36.6	0.311	0.002	322.3
	583.7	1192.9	0.310	0.004	299.0
	1010.5	0.133	0.315	0.011	297.1
	8.23		0.236	-0.003	445.5
22.119	10.09			-0.007	
					1509.8
25	28.58	388.2	0.299	0.005	392.8
	2009.6	37.1	0.324	-0.000	323.1
	585.3	1195.1	0.313	0.006	298.4
	1011.5	0.123	0.312	0.002	297.4
	8.26		0.240	0.013	442.8
23.119	10.18			-0.005	
					1574.8
26	29.86	388.2	0.311	-0.004	398.0
	1962.2	36.8	0.319	0.009	320.4
	583.9	1197.0	0.314	0.010	298.0
	1013.3	0.134	0.311	0.001	296.4
	8.19		0.237	0.006	447.8
24.119	10.11			-0.003	
					1579.2
27	29.88	384.3	0.306	0.002	403.4
	1925.8	36.6	0.318	0.005	325.5
	583.7	1190.4	0.327	0.004	295.9
	1004.9	0.135	0.314	0.003	296.5
	8.11		0.234	-0.005	441.3
25.119	10.19			-0.013	
					1546.5
28	30.54	387.9	0.304	-0.006	410.9
	1787.3	37.1	0.309	0.005	327.0
	583.9	1196.6	0.323	0.008	295.6
	983.5	0.140	0.322	0.004	295.8
	8.14		0.236	0.010	442.3
26.119	10.17			-0.002	
					1521.7
29	31.03	387.8	0.303	0.002	39 420.0
	1683.5	37.1	0.317	0.010	328.7
	583.8	1193.8	0.321	0.006	297.2
	982.0	0.145	0.314	0.009	296.5
	8.32		0.241	0.043	453.5
27.119	10.20			0.003	
					1543.9
30	29.51	388.0	0.308	0.004	430.4
	1797.8	37.1	0.320	0.014	330.8
	583.7	1192.2	0.329	0.005	297.0
	985.5	0.131	0.316	0.004	296.4
	8.29		0.237	0.019	455.7
28.119	10.20			-0.005	
					1549.6
31	28.86	384.8	0.295	0.001	438.2
	1882.0	37.1	0.318	0.003	332.3
	583.4	1200.9	0.324	0.003	295.3
	981.3	0.125	0.314	0.003	296.1
	8.09		0.243	0.020	445.7
29.119	10.20			-0.001	
					1521.7
32	29.02	388.8	0.300	-0.005	456.1
	1829.8	37.2	0.319	0.005	331.4
	584.0	1192.9	0.318	0.005	296.8
	983.3	0.127	0.314	0.005	295.9
	8.25		0.234	0.011	446.6
30.119	10.20			0.000	
					1416.5
33	29.59	388.9	0.307	0.003	472.9
	1732.2	37.1	0.322	0.007	336.4
	583.7	1191.2	0.314	0.008	295.9
	976.0	0.132	0.314	0.006	296.0
	8.32		0.237	-0.002	451.7
31.119	10.21			-0.008	
					1534.0
34	30.59	388.9	0.305	0.004	490.7
	1742.8	37.1	0.316	0.007	338.5
	583.7	1192.7	0.313	0.006	296.9
	982.5	0.141	0.317	0.010	295.8
	8.20		0.233	0.010	450.1
32.119	10.22			0.005	
					1405.9

					39
35	29.75	388.7	0.307	0.002	511.2
	1790.7	37.1	0.327	0.005	340.4
	583.7	1195.6	0.314	0.003	296.7
	981.5	0.133	0.322	0.006	295.5
	8.19		0.237	0.009	446.4
33.119	10.22			-0.000	
					1511.4
36	30.29	389.0	0.315	0.002	531.8
	1730.3	37.1	0.319	0.002	342.9
	583.7	1199.7	0.309	0.005	296.6
	980.0	0.137	0.320	0.003	294.7
	8.25		0.243	0.010	439.3
34.119	10.23			-0.003	
					1468.1
37	30.52	389.0	0.308	-0.004	554.0
	1673.4	37.1	0.331	0.009	345.5
	583.9	1199.0	0.313	0.005	296.8
	974.8	0.140	0.312	0.008	294.7
	8.31		0.237	0.004	445.8
35.119	10.23			-0.007	
					1525.9
38	29.68	389.3	0.305	-0.002	577.1
	1785.0	37.1	0.327	0.009	348.5
	584.4	1198.0	0.317	0.005	296.8
	981.8	0.132	0.317	0.006	294.7
	8.24		0.239	0.005	444.2
36.119	10.22			-0.002	
					1533.8
39	29.69	389.2	0.310	0.003	601.3
	1759.3	37.1	0.335	0.004	351.4
	583.6	1198.7	0.320	0.009	296.8
	977.3	0.132	0.319	0.003	295.3
	8.24		0.237	0.002	449.3
37.119	10.21			-0.003	
					1476.5
40	30.66	389.3	0.297	0.006	627.6
	1720.5	37.1	0.333	0.004	354.0
	584.3	1198.7	0.318	0.006	295.4
	981.0	0.141	0.324	0.007	295.2
	8.25		0.243	0.003	446.3
38.119	10.22			-0.008	
					1344.4
41	28.73	389.7	0.311	0.001	39 653.9
	1824.8	37.1	0.328	0.006	356.9
	584.0	1190.2	0.321	0.006	297.0
	982.8	0.125	0.320	0.009	295.4
	8.30		0.243	0.009	460.2
39.119	10.22			-0.008	
					1529.1
42	30.06	389.5	0.314	-0.003	685.9
	1800.8	37.1	0.315	0.006	360.2
	582.6	1189.7	0.321	0.006	296.9
	985.3	0.137	0.317	0.006	295.3
	8.14		0.247	0.005	462.1
40.119	10.22			-0.002	
					1452.0
43	27.88	389.5	0.310	0.005	727.8
	1876.6	37.1	0.320	0.008	363.3
	582.7	1188.5	0.317	0.004	296.9
	979.0	0.118	0.323	0.007	295.3
	8.22		0.245	0.010	461.4
41.119	10.22			-0.002	
					1427.3
44	28.63	389.6	0.317	-0.004	862.6
	1820.5	37.1	0.314	0.015	364.5
	582.7	1182.1	0.319	0.004	296.8
	980.5	0.125	0.326	0.006	295.2
	8.27		0.247	-0.004	458.3
42.119	10.22			-0.011	
					1494.5
45	29.61	389.6	0.314	0.004	1083.4
	1752.0	37.1	0.311	0.008	370.7
	581.8	1188.5	0.318	0.007	297.1
	980.5	0.133	0.326	0.008	295.2
	8.26		0.239	0.012	461.9
43.119	10.23			-0.008	
					1498.1
46	29.10	389.9	0.318	-0.001	1439.5
	1799.6	37.2	0.315	0.007	377.4
	582.2	1187.8	0.320	0.004	297.3
	979.0	0.128	0.328	0.003	295.2
	8.20		0.235	0.005	459.8
44.119	10.24			-0.007	
					1453.1

					39
47	28.28	389.6	0.305	0.002	9999.9
	1833.5	37.1	0.316	0.010	380.2
	581.5	1187.0	0.322	0.001	297.4
	982.3	0.121	0.329	0.008	295.1
	8.28		0.237	0.005	461.5
45.119	10.23			-0.007	
					1385.4
48	28.10	389.7	0.315	0.024	9999.9
	1860.6	36.6	0.321	0.005	389.5
	581.2	1189.4	0.318	0.007	297.7
	983.5	0.119	0.331	0.007	295.2
	8.24		0.231	0.025	465.4
46.119	10.24			-0.001	
					1371.6
49	29.42	389.6	0.333	0.002	9999.9
	1792.7	37.1	0.316	0.016	398.0
	581.3	1188.9	0.328	-0.000	297.7
	984.8	0.131	0.328	0.007	295.1
	8.22		0.235	0.019	469.5
47.119	10.24			-0.007	
					1289.6
50	27.23	389.5	0.326	0.009	9999.9
	1961.2	36.6	0.320	0.007	408.6
	581.4	1186.8	0.326	0.008	297.8
	987.5	0.112	0.320	0.005	295.1
	8.19		0.235	0.006	469.8
48.119	10.24			-0.007	
					1490.8
51	29.46	389.8	0.317	0.000	9999.9
	1798.6	36.6	0.325	0.002	421.1
	581.0	1188.2	0.329	0.006	297.8
	987.5	0.131	0.317	0.006	295.1
	8.23		0.240	-0.001	471.2
49.119	10.24			-0.005	
					1507.5
52	27.97	389.9	0.309	0.006	9999.9
	1870.4	37.0	0.318	0.005	435.7
	581.7	1187.3	0.328	0.003	298.0
	984.8	0.118	0.320	0.005	295.1
	8.28		0.237	0.016	473.0
50.119	10.22			-0.010	
					1460.7

					39
53	28.63	389.7	0.307	-0.000	9999.9
	1849.5	36.8	0.322	0.001	452.4
	581.5	1190.4	0.320	0.007	298.4
	986.0	0.124	0.313	0.008	295.1
	8.24		0.239	0.008	475.7
51.119	10.22			-0.003	
					1499.2
54	29.94	389.6	0.301	0.003	9999.9
	1744.2	37.2	0.316	0.004	470.6
	582.7	1191.7	0.322	0.002	298.5
	982.5	0.135	0.312	0.006	295.0
	8.28		0.243	0.002	479.7
52.119	10.22			-0.006	
					1445.5
55	29.22	390.0	0.305	0.000	9999.9
	1792.0	36.6	0.316	0.005	489.1
	581.7	1189.4	0.326	0.002	298.7
	984.0	0.129	0.311	0.007	295.0
	8.27		0.242	0.002	475.9
53.119	10.22			-0.011	
					1525.6
56	29.05	390.0	0.297	-0.001	9999.9
	1802.3	37.2	0.317	0.007	507.5
	581.7	1187.2	0.319	0.007	299.0
	984.3	0.128	0.322	0.006	295.0
	8.26		0.244	0.000	476.5
54.119	10.24			0.002	
					1526.4
57	29.56	390.1	0.311	-0.005	9999.9
	1745.0	37.2	0.324	0.008	532.3
	581.3	1188.5	0.319	0.008	299.4
	985.3	0.132	0.320	0.000	295.0
	8.33		0.236	-0.005	488.5
55.119	10.25			-0.008	
					1402.3
58	28.54	390.3	0.310	0.003	9999.9
	1819.2	36.8	0.322	0.008	565.8
	581.3	1187.3	0.324	0.003	299.9
	985.8	0.123	0.322	0.002	294.9
	8.31		0.239	0.015	492.7
56.119	10.24			-0.003	
					1525.4

					39
59	29.08	389.7	0.317	-0.001	9999.9
	1838.0	37.2	0.326	0.008	603.2
	581.7	1190.0	0.325	0.008	300.3
	981.5	0.128	0.317	0.013	294.9
	8.17		0.241	0.008	505.1
57.119	10.17			-0.004	
					1506.7
60	30.33	390.3	0.323	-0.004	9999.9
	1752.6	36.5	0.317	0.008	642.4
	581.7	1187.7	0.329	0.010	300.7
	983.8	0.139	0.314	0.003	294.1
	8.22		0.240	0.002	516.1
58.119	10.17			-0.002	
					1397.4
61	29.05	390.3	0.318	-0.002	9999.9
	1798.6	36.8	0.323	0.004	647.2
	582.0	1187.3	0.334	0.007	301.1
	980.8	0.128	0.319	0.005	295.0
	8.20		0.245	0.000	526.5
59.119	10.27			-0.003	
					1540.1
62	30.16	390.0	0.314	0.002	9999.9
	1746.2	37.2	0.318	0.007	652.5
	581.7	1185.6	0.334	0.005	301.6
	981.8	0.138	0.325	0.007	295.0
	8.27		0.240	0.002	540.3
60.119	10.14			-0.001	
					1510.9
63	29.10	390.3	0.311	-0.001	9999.9
	1811.8	37.2	0.326	0.007	971.6
	581.0	1191.6	0.338	0.007	302.2
	981.8	0.128	0.323	0.004	294.6
	8.14		0.238	0.003	553.4
61.119	10.28			0.002	
					1358.5
64	29.42	386.8	0.315	0.001	9999.9
	1781.2	37.2	0.324	0.005	1219.2
	581.0	1189.0	0.338	0.006	302.7
	981.5	0.131	0.327	0.005	295.2
	8.23		0.240	0.007	566.4
62.119	10.20			-0.009	
					1510.2

					39
65	29.89	390.7	0.302	0.004	0.0
	1706.6	37.2	0.329	0.006	1392.0
	580.9	1187.4	0.328	0.010	303.4
	981.0	0.135	0.325	0.008	295.2
	8.30		0.241	0.007	581.7
63.119	10.27			-0.004	
					1373.5
66	28.76	388.2	0.311	-0.001	0.0
	1755.2	37.2	0.321	0.007	9999.9
	581.4	1184.1	0.330	0.007	304.4
	977.8	0.125	0.322	0.006	295.3
	8.32		0.247	0.005	595.4
64.119	10.27			-0.004	
					1525.5
67	29.94	391.4	0.307	0.008	8.0
	1738.2	37.2	0.326	0.008	9999.9
	581.3	1183.8	0.321	0.007	305.2
	977.0	0.136	0.320	0.005	294.8
	8.15		0.242	0.002	612.0
65.119	10.28			-0.001	
					1385.6
68	29.20	387.9	0.309	-0.000	9999.9
	1733.0	37.2	0.331	0.007	9999.9
	581.8	1191.7	0.318	0.009	306.3
	977.8	0.129	0.323	0.005	295.3
	8.31		0.242	0.005	627.3
66.119	10.27			0.002	
					1486.5
69	30.10	391.4	0.315	0.012	0.0
	1710.2	37.2	0.330	0.006	9999.9
	581.3	1189.0	0.317	0.009	307.1
	978.0	0.137	0.320	0.008	295.3
	8.22		0.249	0.008	645.9
67.119	10.28			-0.010	
					1359.5
70	29.57	387.9	0.319	0.003	0.0
	1708.2	37.2	0.328	0.005	9999.9
	581.5	1189.0	0.319	0.005	308.2
	973.8	0.132	0.331	0.006	295.3
	8.25		0.245	-0.004	661.3
68.119	10.28			-0.000	
					1263.5

					39
71:	29.26	391.2	0.320	0.000	9999.9
	1743.6	37.2	0.341	0.004	9999.9
	581.5	1192.2	0.328	0.007	309.1
	977.8	0.129	0.320	0.006	295.2
	8.26		0.244	0.008	682.0
69'.119	10.28			-0.001	
					1435.9
72:	28.89	389.2	0.318	0.000	9999.9
	1788.1	37.2	0.339	0.018	9999.9
	581.7	1190.9	0.321	0.005	310.2
	980.8	0.126	0.322	0.004	295.3
	8.24		0.243	0.010	699.3
70'.119	10.28			-0.002	
					1514.5
73:	27.97	391.6	0.316	-0.000	9999.9
	1835.3	37.2	0.339	0.007	1563.3
	582.0	1191.7	0.324	0.006	310.0
	982.3	0.118	0.319	0.007	295.3
	8.31		0.242	0.008	719.2
71'.119	10.27			-0.004	
					1452.5
74:	30.08	391.7	0.313	0.000	9999.9
	1767.1	37.2	0.333	0.006	1518.6
	582.3	1191.2	0.323	0.005	312.6
	983.0	0.137	0.326	0.007	295.2
	8.15		0.251	0.007	739.0
72'.119	10.27			-0.004	
					1481.0
75:	29.39	391.7	0.323	0.000	9999.9
	1783.2	37.2	0.334	0.011	1531.2
	582.7	1187.0	0.324	0.008	314.0
	986.0	0.131	0.327	0.007	295.3
	8.28		0.248	0.014	762.0
73'.119	10.27			0.002	
					1451.6
76:	29.75	391.7	0.320	-0.000	9999.9
	1728.6	37.2	0.332	0.010	1566.1
	582.4	1187.8	0.323	0.005	315.2
	979.5	0.134	0.326	0.007	295.2
	8.28		0.250	0.008	784.4
74'.119	10.27			-0.001	
					1507.1

					39
77:	29.55	391.6	0.322	-0.002	9999.9
	1763.6	37.2	0.320	0.005	9999.9
	582.3	1183.4	0.327	0.012	316.9
	982.5	0.133	0.326	0.009	295.2
	8.25		0.253	0.016	812.2
75'.119	10.27			-0.006	
					1384.6
78:	29.03	391.7	0.320	0.003	0.0
	1770.1	37.2	0.329	0.010	9999.9
	582.2	1181.6	0.322	0.003	318.6
	981.3	0.128	0.323	0.006	295.2
	8.30		0.256	0.006	849.5
76'.119	10.27			-0.001	
					1414.5
79:	28.12	391.8	0.319	0.001	9999.9
	1843.5	37.2	0.325	0.006	9999.9
	581.5	1182.1	0.322	0.004	320.4
	980.3	0.120	0.329	0.008	295.2
	8.22		0.251	0.011	881.7
77'.119	10.27			-0.006	
					1492.2
80:	29.15	392.2	0.319	0.001	9999.9
	1775.7	37.2	0.321	0.013	9999.9
	581.5	1179.5	0.326	0.008	322.2
	981.5	0.129	0.320	0.008	295.2
	8.24		0.254	0.002	926.1
78'.119	10.28			-0.007	
					1388.7
81:	27.91	392.3	0.322	0.019	9999.9
	1868.5	37.2	0.318	0.006	0.0
	581.6	1177.5	0.330	0.006	324.3
	985.8	0.119	0.325	0.010	295.2
	8.26		0.253	0.003	963.3
79'.119	10.28			-0.001	
					1329.6
82:	29.13	392.4	0.313	-0.000	9999.9
	1823.0	37.2	0.324	0.010	367.5
	581.2	1181.7	0.325	0.006	326.4
	984.5	0.129	0.328	0.007	295.2
	8.13		0.252	-0.004	1018.0
80'.119	10.29			-0.004	
					1385.0

					39
83:	29.00	392.4	0.316	-0.001	0.0
	1826.6	37.2	0.316	0.008	9999.9
	583.9	1179.0	0.322	0.004	328.7
	983.0	0.128	0.331	0.004	295.1
	8.19		0.248	0.004	1089.7
81'.119	10.29			-0.002	
					1542.5
84:	29.54	392.7	0.321	-0.003	9999.9
	1733.8	37.2	0.319	0.012	9999.9
	581.0	1182.6	0.330	0.005	331.1
	981.8	0.133	0.324	0.008	295.1
	8.27		0.246	0.007	1221.9
82'.119	10.31			-0.005	
					1496.4
85:	29.49	389.2	0.326	-0.004	9999.9
	1756.7	37.2	0.314	0.006	0.0
	581.8	1179.0	0.324	0.008	333.6
	983.3	0.133	0.334	0.009	295.1
	8.25		0.245	0.026	1297.5
83'.119	10.30			-0.003	
					1396.0
86:	28.56	392.7	0.325	0.009	9999.9
	1801.3	36.8	0.325	0.009	9999.9
	581.5	1180.4	0.328	0.005	336.3
	983.8	0.124	0.341	0.005	295.1
	8.28		0.242	0.007	1297.5
84'.119	10.30			-0.006	
					1570.0
87:	29.68	392.9	0.330	-0.002	9999.9
	1744.5	37.2	0.324	0.005	9999.9
	581.8	1182.6	0.329	0.000	339.0
	984.3	0.134	0.341	0.010	295.1
	8.25		0.243	0.011	1297.5
85'.119	10.32			0.003	
					1580.5
88:	29.32	392.6	0.320	0.002	9999.9
	1778.6	37.2	0.323	0.005	9999.9
	581.8	1181.1	0.323	0.006	341.8
	985.5	0.131	0.341	0.004	295.2
	8.23		0.241	0.016	1297.5
86'.119	10.32			-0.004	
					1577.1

					39
89:	29.43	392.7	0.326	0.002	9999.9
	1728.7	37.2	0.328	0.005	9999.9
	581.8	1181.9	0.328	0.017	344.4
	983.5	0.132	0.337	0.007	295.2
	8.33		0.242	0.011	1297.5
87'.119	10.32			-0.002	
					1564.5
90	29.07	393.1	0.329	0.002	9999.9
	1782.3	37.2	0.325	0.008	9999.9
	582.0	1181.1	0.326	0.004	347.2
	984.0	0.129	0.334	0.003	295.2
	8.24		0.241	0.013	1297.5
88'.119	10.33			-0.008	
					1561.4
91:	28.62	393.1	0.329	0.004	9999.9
	1780.2	36.6	0.326	0.010	9999.9
	581.4	1181.2	0.333	0.004	350.9
	984.3	0.125	0.341	0.010	295.2
	8.32		0.244	0.002	1297.5
89'.119	10.33			-0.007	
					1576.1
92	28.87	392.9	0.337	0.003	9999.9
	1831.5	36.9	0.332	0.008	9999.9
	581.3	1180.9	0.328	-0.000	352.8
	987.8	0.127	0.341	0.012	295.2
	8.17		0.240	0.010	1297.5
90.119	10.33			-0.003	
					1585.6
93	28.11	393.1	0.329	0.002	9999.9
	1835.6	36.6	0.330	0.006	9999.9
	581.4	1185.8	0.329	0.010	353.4
	984.8	0.120	0.338	0.007	295.3
	8.25		0.240	0.017	1297.5
91'.119	10.34			-0.003	
					1584.3
94	29.47	392.9	0.334	0.004	9999.9
	1729.4	37.2	0.327	0.010	9999.9
	581.3	1181.4	0.338	0.004	358.2
	987.5	0.132	0.328	0.006	295.2
	8.35		0.241	-0.006	1297.5
92.119	10.34			-0.002	
					1589.0

39

95	29.67	393.0	0.333	0.008	9999.9
	1755.3	37.2	0.330	0.006	9999.9
	581.5	1181.7	0.332	0.006	360.8
	985.5	0.134	0.333	0.007	295.3
	8.21		0.246	0.006	1297.5
93.119	10.35			-0.005	
					1599.6
96	28.74	393.2	0.322	0.003	9999.9
	1794.8	37.3	0.326	0.008	9999.9
	581.4	1182.4	0.333	0.005	363.4
	988.0	0.125	0.332	0.009	295.4
	8.29		0.244	0.009	1297.5
94.119	10.35			-0.006	
					1603.9
97	28.92	393.4	0.324	0.001	9999.9
	1821.2	36.8	0.325	0.009	9999.9
	581.5	1181.2	0.331	0.005	366.2
	989.3	0.127	0.321	0.006	295.3
	8.20		0.247	0.015	1297.5
95.119	10.35			-0.005	
					1582.9
98	29.55	393.3	0.311	-0.001	9999.9
	1769.0	37.3	0.324	0.009	9999.9
	581.4	1180.1	0.331	0.008	369.1
	988.3	0.133	0.323	0.007	295.3
	8.22		0.245	0.001	1297.5
96.119	10.35			-0.004	
					1596.4
99	28.80	393.8	0.311	0.014	9999.9
	1773.9	37.3	0.331	0.008	9999.9
	581.5	1179.2	0.324	0.007	371.6
	987.0	0.127	0.322	0.008	295.2
	8.30		0.248	0.009	1297.5
97.119	10.36			-0.003	
					1568.0
100	28.60	393.4	0.311	-0.001	9999.9
	1811.0	37.3	0.327	0.005	9999.9
	581.4	1175.3	0.328	0.006	373.8
	985.5	0.125	0.323	0.005	295.2
	8.22		0.249	0.008	1297.5
98.119	10.36			-0.002	
					1573.3

39

101	29.31	393.6	0.308	-0.001	9999.9
	1755.5	37.3	0.328	0.008	633.0
	581.5	1184.6	0.333	0.009	376.0
	986.3	0.130	0.327	0.004	295.2
	8.28		0.245	0.003	1297.5
99.119	10.35			-0.005	
					1578.6
102	27.80	393.7	0.314	0.001	9999.9
	1856.9	37.3	0.329	0.003	1373.9
	581.2	1181.7	0.332	0.005	378.4
	983.0	0.118	0.326	0.005	295.3
	8.19		0.247	0.003	1297.5
100.119	10.38			0.001	
					1564.5
103	28.55	394.0	0.309	0.002	9999.9
	1783.8	36.7	0.326	0.003	1383.8
	581.2	1183.9	0.332	0.006	380.5
	983.8	0.124	0.323	0.004	295.3
	8.26		0.248	-0.002	1297.5
101.119	10.38			0.001	
					1560.7
104	29.66	394.3	0.323	-0.005	9999.9
	1712.9	36.4	0.327	0.008	9999.9
	581.0	1185.0	0.333	0.013	382.8
	983.5	0.133	0.326	0.006	294.6
	8.26		0.243	0.001	1297.5
102.119	10.39			0.002	
					1548.3
105	27.57	394.1	0.314	-0.001	9999.9
	1862.5	37.4	0.325	0.006	9999.9
	581.5	1179.7	0.333	0.006	384.8
	988.0	0.116	0.332	0.008	295.3
	8.28		0.251	0.003	1297.5
103.119	10.39			-0.003	
					1566.0
106	28.79	394.1	0.320	-0.004	9999.9
	1816.2	37.4	0.329	0.005	9999.9
	581.6	1182.4	0.327	0.019	387.2
	989.8	0.126	0.328	0.001	295.3
	8.23		0.249	0.007	1297.5
104.119	10.37			-0.005	
					1558.7

39

107	29.49	394.3	0.312	-0.005	9999.9
	1742.2	37.3	0.330	0.007	9999.9
	582.0	1183.1	0.337	0.007	389.6
	983.3	0.132	0.330	0.006	295.2
	8.22		0.250	0.008	1297.5
105.119	10.39			-0.004	
					1537.7
108	28.49	394.5	0.320	0.000	9999.9
	1813.8	36.8	0.333	0.005	0.0
	581.2	1175.0	0.332	0.005	392.6
	984.8	0.124	0.322	0.001	295.2
	8.24		0.250	0.005	1297.5
106.119	10.33			-0.001	
					1543.4

ARC POWER OFF

MODEL II

2-MW PJ FACILITY CONCRETE SAMPLE TEST NO 188 - RUN NO. 41

POINT NO / TIME SEC	FAC. OPERATING PARAMETERS: GAS FLO-G/S; ENTHALPY-CAL/G; CURRENT-AMPS; VOLTS; WATER FLO-L/S; WATER DT-DEG K	PRES-N/CM 2	PROBE: PRESS N/CM 2	PROBE: HEAT FLUX KW/CM 2	MODEL TEMP DEG K
		HEATER MAN	1	1	TC-1
		ARC CHAMB	2	2	TC-2
		VENTURI	3	3	TC-3
		VENTURI DP	4	4	TC-4
			5	5	TC-5
				6	TC-6
					TC-7
					PYROM
1	30.11	372.0	0.000	0.001	302.1
	1757.4	34.5	0.000	0.291	293.3
	575.5	1195.6	0.000	0.302	293.7
	931.1	0.136	0.000	0.274	294.2
	8.11		0.000	0.243	297.0
0.1 15	9.27			0.072	
					0.0
2	30.07	372.2	0.005	-0.000	302.2
	1745.0	34.5	0.011	0.291	294.5
	576.1	1199.7	-0.006	0.300	294.0
	925.8	0.135	-0.001	0.285	294.2
	8.08		0.000	0.244	295.9
1.119	9.29			0.071	
					0.0
3	29.30	372.3	0.000	0.000	303.0
	1755.9	34.4	0.011	0.297	294.2
	575.6	1202.2	-0.006	0.282	294.0
	929.3	0.128	-0.005	0.274	294.1
	8.19		-0.004	0.248	297.3
2.119	9.33			0.070	
					0.0
4	30.72	372.5	0.088	0.002	303.9
	1728.0	34.5	0.543	0.299	294.5
	575.4	1197.7	1.298	0.304	294.0
	932.8	0.142	1.094	0.280	294.1
	8.05		0.178	0.253	295.8
3.119	9.35			0.071	
					0.0
					41
5	30.37	372.5	0.117	0.002	304.6
	1666.8	34.4	0.914	0.298	290.6
	575.5	1197.0	2.062	0.305	294.0
	929.1	0.139	1.787	0.281	294.1
	8.23		0.288	0.248	296.0
4.119	9.38			0.071	
					0.0
6	30.77	372.2	0.145	0.003	305.4
	1631.8	34.4	1.030	0.296	294.9
	575.5	1198.0	2.121	0.301	293.9
	930.1	0.142	1.851	0.275	294.1
	8.27		0.344	0.247	297.5
5.119	9.40			0.070	
					0.0
7	30.16	372.5	0.160	0.003	306.3
	1681.4	34.5	1.062	0.299	295.0
	575.5	1199.2	2.127	0.302	294.1
	932.8	0.136	1.859	0.282	294.1
	8.24		0.394	0.250	297.0
6.119	9.42			0.071	
					0.0
8	30.77	372.2	0.179	0.003	306.9
	1636.3	34.4	1.078	0.294	295.2
	575.5	1198.2	2.124	0.298	294.0
	929.8	0.142	1.859	0.275	294.1
	8.22		0.413	0.247	297.8
7.119	9.44			0.069	
					0.0
9	30.36	372.1	0.183	0.005	307.7
	1631.6	34.4	1.073	0.292	295.5
	575.7	1199.5	2.137	0.301	294.0
	925.8	0.138	1.856	0.271	294.1
	8.24		0.431	0.240	297.9
8.119	9.45			0.069	
					0.0
10	30.18	372.5	0.192	0.004	308.7
	1667.4	34.5	1.078	0.287	295.3
	575.7	1197.1	2.127	0.295	294.0
	929.1	0.137	1.865	0.276	294.1
	8.19		0.440	0.256	298.5
9.119	9.47			0.069	
					0.0
					41
11	30.50	372.5	0.201	0.003	309.3
	1676.2	34.5	1.077	0.304	295.8
	575.9	1195.6	2.131	0.304	294.1
	928.8	0.140	1.861	0.276	294.0
	8.10		0.441	0.255	299.0
10.119	9.48			0.068	
					0.0
12	30.00	369.2	0.204	0.002	310.4
	1687.6	34.5	1.076	0.300	295.8
	575.4	1198.5	2.133	0.304	294.0
	929.6	0.135	1.861	0.280	294.1
	8.13		0.442	0.233	297.9
11.119	9.50			0.075	
					0.0
13	30.38	372.0	0.211	0.004	310.7
	1628.4	34.5	1.080	0.302	296.0
	575.5	1197.7	2.134	0.302	294.0
	931.1	0.139	1.866	0.279	294.1
	8.27		0.443	0.249	300.5
12.119	9.51			0.070	
					0.0
14	30.05	372.2	0.207	-0.002	311.6
	1662.9	34.5	1.081	0.311	296.5
	575.5	1198.2	2.138	0.277	294.1
	931.1	0.135	1.866	0.247	294.1
	8.20		0.445	0.208	299.5
13.119	9.53			0.072	
					0.0 PROBE OUT
15	30.42	372.3	0.327	-0.001	311.4 MODEL IN
	1634.9	34.5	0.865	0.025	296.3
	576.2	1197.1	1.190	0.014	296.1
	920.1	0.139	1.058	0.017	294.1
	8.08		0.402	0.004	299.2
14.119	9.54			0.015	
					0.0
16	31.28	372.5	0.340	0.000	318.7
	1588.6	34.5	0.638	0.028	298.8
	575.1	1197.0	0.718	0.016	296.1
	931.6	0.147	0.660	0.021	294.8
	8.22		0.356	0.018	313.3
15.119	9.54			0.011	
					0.0
					41
17	30.12	372.5	0.330	-0.000	330.5
	1630.6	34.6	0.520	0.028	303.4
	575.5	1196.0	0.544	0.016	298.3
	926.1	0.136	0.508	0.015	295.8
	8.19		0.324	0.010	341.0
16.119	9.56			0.011	
					1301.5
18	29.46	369.4	0.340	0.001	328.7
	1690.1	34.5	0.457	0.024	302.2
	576.2	1198.3	0.455	0.016	298.7
	932.8	0.130	0.434	0.012	296.1
	8.22		0.304	0.020	334.9
17.119	9.57			0.010	
					1383.5
19	28.79	372.6	0.339	-0.002	326.7
	1719.8	34.6	0.418	0.021	301.8
	575.4	1197.7	0.412	0.014	297.8
	931.1	0.124	0.400	0.010	295.3
	8.20		0.291	-0.005	328.1
18.119	9.58			0.009	
					1415.9
20	30.71	372.5	0.344	0.002	327.2
	1607.3	34.5	0.396	0.024	301.1
	575.3	1196.6	0.389	0.010	297.6
	931.6	0.142	0.377	0.011	295.6
	8.21		0.284	0.010	324.2
19.119	9.59			0.008	
					1420.9
21	30.15	372.6	0.344	0.002	329.2
	1612.9	34.5	0.381	0.016	297.9
	575.4	1198.2	0.369	0.012	295.9
	930.6	0.136	0.367	0.011	295.5
	8.27		0.278	0.005	324.7
20.119	9.60			0.008	
					1393.1
22	30.90	372.7	0.345	0.006	336.3
	1577.0	34.5	0.371	0.012	302.2
	576.6	1196.5	0.360	0.014	297.9
	927.8	0.143	0.357	0.008	295.8
	8.24		0.276	0.010	326.5
21.119	9.61			0.008	
					1444.3

					41
23	31.08	372.6	0.339	0.000	342.5
	1590.2	34.5	0.344	0.010	302.8
	575.5	1196.0	0.348	0.007	298.0
	933.1	0.145	0.357	0.008	295.8
	8.22		0.279	-0.003	329.9
22.119	9.60			0.007	
					1471.2
24	30.54	372.3	0.350	-0.000	350.1
	1598.1	34.5	0.361	0.012	303.9
	575.5	1194.8	0.344	0.006	298.5
	931.3	0.140	0.350	0.018	296.0
	8.26		0.271	0.001	334.6
23.119	9.60			0.006	
					1480.7
25	30.56	369.4	0.336	0.000	356.4
	1603.9	34.5	0.362	0.013	304.6
	575.4	1192.7	0.340	0.008	299.1
	928.6	0.141	0.348	0.004	296.2
	8.20		0.274	0.018	337.2
24.119	9.60			0.005	
					1485.5
26	30.47	372.6	0.352	0.001	359.5
	1565.6	34.5	0.358	0.012	301.1
	574.9	1196.6	0.348	0.008	298.8
	924.8	0.139	0.346	0.022	296.1
	8.27		0.269	0.012	333.7
25.119	9.60			0.006	
					1464.8
27	31.06	372.6	0.348	0.000	361.7
	1596.7	34.6	0.354	0.008	304.3
	575.5	1191.1	0.344	0.005	298.5
	931.1	0.146	0.354	0.005	295.9
	8.17		0.273	0.004	333.2
26.119	9.61			0.005	
					1487.8
28	28.91	372.5	0.348	0.001	363.7
	1701.6	34.6	0.358	0.005	304.6
	574.9	1194.6	0.344	0.004	298.2
	933.1	0.126	0.346	0.007	295.9
	8.22		0.269	-0.000	333.2
27.119	9.61			0.006	
					1508.2
29	30.93	372.7	0.348	0.002	364.2
	1641.7	34.6	0.354	0.001	301.0
	576.5	1195.8	0.340	0.009	297.8
	930.1	0.144	0.348	0.001	295.7
	8.05		0.274	0.000	332.3
28.119	9.62			0.004	
					1518.9
30	30.94	371.2	0.330	0.001	365.7
	1584.2	34.6	0.351	0.010	301.1
	575.3	1196.1	0.346	0.009	297.6
	932.3	0.144	0.343	0.006	295.7
	8.24		0.272	0.006	331.7
29.119	9.61			0.005	
					1548.5
31	31.09	372.7	0.344	0.000	366.6
	1562.7	34.5	0.360	0.005	301.0
	575.2	1196.8	0.346	0.003	297.5
	928.3	0.145	0.347	0.006	295.5
	8.22		0.272	-0.010	332.1
30.119	9.62			0.002	
					1533.5
32	29.11	372.9	0.347	-0.003	368.4
	1687.8	34.6	0.352	0.005	297.1
	576.6	1194.3	0.340	0.004	297.2
	924.3	0.127	0.351	0.003	295.4
	8.15		0.271	0.005	332.8
31.119	9.60			0.004	
					1631.8
33	30.54	372.9	0.350	0.003	371.0
	1622.3	34.6	0.361	0.009	304.6
	575.4	1196.6	0.342	0.004	296.8
	930.1	0.140	0.344	0.006	294.9
	8.16		0.271	0.005	332.6
32.119	9.60			0.003	
					1658.2
34	30.44	372.6	0.352	-0.001	373.9
	1599.1	34.6	0.359	0.005	301.1
	576.2	1194.4	0.343	0.002	296.6
	923.6	0.139	0.350	0.005	295.1
	8.18		0.274	0.002	332.3
33.119	9.60			0.004	
					1617.4

					41
35	29.96	372.7	0.341	-0.000	377.1
	1643.5	34.6	0.350	0.007	301.1
	574.9	1194.6	0.342	0.005	296.2
	930.6	0.135	0.355	0.008	295.0
	8.19		0.273	0.005	331.0
34.119	9.60			0.005	
					1599.6
36	29.66	372.7	0.352	-0.001	382.6
	1667.8	34.6	0.353	0.014	305.4
	576.6	1194.4	0.339	0.003	295.8
	930.1	0.132	0.349	0.003	295.0
	8.19		0.271	-0.003	332.6
35.119	9.61			0.004	
					1605.1
37	29.70	372.9	0.350	0.001	388.8
	1649.6	34.6	0.357	0.007	304.0
	575.0	1193.8	0.342	0.004	296.0
	927.6	0.133	0.351	0.006	295.0
	8.17		0.271	0.006	335.1
36.119	9.61			0.003	
					1571.9
38	28.12	373.0	0.354	0.002	394.3
	1728.5	34.6	0.358	0.007	306.1
	575.0	1193.1	0.346	0.002	295.9
	927.6	0.119	0.352	0.005	296.0
	8.20		0.273	-0.008	332.9
37.119	9.62			0.004	
					1569.3
39	27.45	372.9	0.351	0.005	402.0
	1776.4	34.6	0.352	0.006	306.7
	574.8	1190.0	0.340	0.010	294.5
	928.8	0.114	0.353	0.002	294.9
	8.19		0.272	0.003	335.4
38.119	9.63			0.004	
					1570.8
40	28.12	372.7	0.350	-0.003	411.5
	1746.1	34.6	0.357	0.005	303.9
	575.0	1193.4	0.343	0.005	294.1
	930.6	0.119	0.353	0.006	294.7
	8.18		0.278	0.005	335.8
39.119	9.64			0.004	
					1575.2
41	28.73	372.8	0.356	-0.001	422.5
	1785.2	34.6	0.357	0.007	308.0
	574.8	1189.2	0.345	0.003	295.8
	931.3	0.120	0.351	0.005	294.6
	8.06		0.274	0.001	336.4
40.119	9.64			0.004	
					1576.1
42	28.88	372.9	0.356	0.002	434.7
	1697.0	34.6	0.357	0.002	308.3
	574.7	1192.4	0.342	0.001	295.4
	929.1	0.126	0.352	0.004	294.5
	8.16		0.273	0.005	333.7
41.119	9.64			0.004	
					1580.9
43	29.09	372.9	0.355	-0.001	448.9
	1677.4	34.6	0.356	0.008	308.6
	574.7	1188.9	0.347	0.004	295.4
	927.1	0.128	0.351	-0.003	294.5
	8.15		0.276	0.006	333.7
42.119	9.64			0.004	
					1595.1
44	30.39	373.0	0.353	-0.001	463.8
	1582.7	34.6	0.355	0.009	310.1
	574.7	1190.5	0.343	0.003	295.3
	925.6	0.139	0.355	0.006	294.4
	8.20		0.275	0.008	336.5
43.119	9.65			0.003	
					1581.7
45	30.69	373.2	0.353	0.003	479.4
	1572.2	34.6	0.354	0.008	310.4
	574.6	1191.7	0.337	0.002	295.2
	929.0	0.142	0.350	0.008	294.4
	8.24		0.274	-0.001	337.0
44.119	9.64			0.004	
					1602.5
46	30.07	373.0	0.354	-0.002	495.3
	1632.8	34.6	0.357	0.005	311.6
	574.5	1188.0	0.346	0.003	295.4
	929.1	0.137	0.355	0.002	294.4
	8.15		0.275	0.012	340.9
45.119	9.63			0.004	
					1610.7

					41
47	30.22	372.9	0.354	0.001	511.1
	1624.9	34.7	0.357	0.002	312.2
	575.4	1188.7	0.344	0.006	295.6
	931.6	0.138	0.346	0.005	294.3
	8.20		0.273	-0.007	341.7
46.119	9.64			0.004	
					1612.5
48	31.25	369.9	0.353	0.001	526.9
	1557.7	34.6	0.358	0.007	313.0
	575.0	1191.4	0.348	0.002	293.8
	930.3	0.147	0.353	0.003	294.3
	8.23		0.276	-0.001	343.8
47.119	9.63			0.004	
					1603.8
49	30.11	373.0	0.344	-0.000	543.3
	1613.6	34.7	0.362	0.006	315.2
	574.7	1187.8	0.346	0.002	295.4
	930.6	0.137	0.355	0.004	294.3
	8.22		0.271	0.001	344.2
48.119	9.65			0.004	
					1606.8
50	29.36	373.3	0.359	0.012	559.4
	1656.2	34.6	0.357	0.004	316.1
	574.5	1190.0	0.342	0.003	295.4
	930.3	0.130	0.358	0.005	294.3
	8.21		0.270	0.013	346.0
49.119	9.65			0.004	
					1601.4
51	29.20	373.2	0.357	0.000	575.7
	1648.4	34.6	0.355	0.006	318.0
	574.0	1189.9	0.349	0.004	295.5
	930.6	0.129	0.347	0.003	294.3
	8.24		0.274	0.008	345.8
50.119	9.65			0.003	
					1607.3
52	28.16	373.2	0.354	0.000	591.8
	1771.8	34.7	0.362	0.000	321.9
	575.8	1191.9	0.347	0.006	295.4
	932.6	0.120	0.349	0.002	294.3
	8.13		0.275	0.002	345.2
51.119	9.66			0.004	
					1610.4

					41
53	29.16	373.2	0.354	0.002	607.1
	1689.8	34.7	0.360	0.007	324.9
	574.7	1190.4	0.345	0.003	295.5
	933.1	0.128	0.351	0.003	294.2
	8.16		0.277	0.009	346.8
52.119	9.67			0.003	
					1609.4
54	26.68	372.9	0.359	0.002	622.8
	1814.6	34.6	0.366	0.010	327.9
	574.7	1183.6	0.341	0.004	295.6
	931.8	0.108	0.353	0.003	294.3
	8.23		0.272	-0.001	347.2
53.119	9.67			0.004	
					1568.9
55	28.20	373.0	0.352	0.001	640.6
	1718.3	34.4	0.367	0.002	331.1
	576.1	1190.9	0.347	0.003	295.8
	932.6	0.120	0.353	0.006	294.2
	8.27		0.278	-0.003	347.8
54.119	9.68			0.004	
					1577.1
56	28.10	373.7	0.353	0.002	660.7
	1718.6	34.7	0.359	0.008	334.3
	574.8	1182.8	0.349	0.006	295.8
	932.3	0.120	0.348	0.005	294.3
	8.25		0.274	-0.001	350.4
55.119	9.68			0.005	
					1586.1
57	28.50	373.4	0.348	0.003	679.7
	1699.2	34.7	0.359	-0.001	337.3
	575.3	1190.4	0.354	0.005	294.2
	931.8	0.123	0.355	0.014	294.2
	8.23		0.277	-0.004	350.7
56.119	9.69			0.004	
					1590.4
58	29.24	370.4	0.346	0.002	698.8
	1665.1	34.7	0.363	0.004	340.2
	575.2	1193.1	0.353	0.003	296.1
	931.8	0.129	0.351	0.016	294.2
	8.20		0.274	0.006	349.8
57.119	9.59			0.004	
					1596.9

					41
59	29.95	373.7	0.357	0.001	720.4
	1603.5	34.7	0.363	0.007	342.9
	574.8	1190.5	0.348	0.002	296.1
	929.6	0.135	0.352	0.009	294.2
	8.22		0.278	-0.005	352.0
58.119	9.70			0.004	
					1596.5
60	30.50	373.6	0.353	-0.002	747.5
	1594.5	34.7	0.360	0.005	346.1
	575.9	1188.0	0.343	0.002	296.3
	928.6	0.141	0.353	0.005	294.0
	8.17		0.277	-0.002	352.6
59.119	9.70			0.004	
					1589.6
61	30.10	373.8	0.355	0.001	782.7
	1599.1	34.7	0.363	0.005	348.5
	574.8	1186.5	0.349	0.003	296.5
	928.8	0.137	0.354	0.007	294.3
	8.20		0.275	0.000	356.0
60.119	9.69			0.005	
					1537.1
62	30.59	370.5	0.361	-0.001	825.8
	1562.3	34.7	0.363	0.005	347.5
	574.9	1187.5	0.347	0.003	296.6
	927.3	0.142	0.354	0.009	294.3
	8.22		0.277	0.010	355.6
61.119	9.70			0.005	
					1386.2
63	28.78	373.7	0.361	-0.000	873.2
	1618.2	34.7	0.368	0.004	354.0
	574.7	1188.3	0.348	0.005	296.9
	919.6	0.125	0.357	0.006	294.3
	8.22		0.276	-0.009	359.0
62.119	9.70			0.004	
					1373.5
64	29.99	373.8	0.359	-0.001	928.3
	1607.6	34.7	0.368	0.001	356.7
	574.7	1186.0	0.353	0.003	297.0
	930.1	0.136	0.361	0.009	294.3
	8.21		0.281	0.001	360.3
63.119	9.70			0.005	
					1391.1

					41
65	30.11	373.7	0.360	0.002	987.3
	1584.5	34.7	0.362	0.005	359.6
	574.7	1187.5	0.354	0.005	297.3
	928.8	0.137	0.361	0.004	294.2
	8.24		0.276	0.007	361.4
64.119	9.70			0.005	
					1411.3
66	30.74	373.7	0.354	-0.001	1090.8
	1567.3	34.7	0.361	0.005	362.5
	574.6	1186.5	0.349	0.005	297.2
	932.3	0.143	0.357	0.003	294.3
	8.24		0.279	-0.011	362.5
65.119	9.70			0.005	
					1492.4
67	30.42	373.7	0.343	0.000	1165.7
	1622.0	34.7	0.363	0.006	365.2
	575.0	1189.2	0.352	0.008	297.5
	935.5	0.140	0.357	0.004	294.3
	8.17		0.280	-0.012	364.4
66.119	9.70			0.005	
					1556.2
68	30.48	367.2	0.358	-0.001	1246.9
	1628.0	34.7	0.358	0.009	367.8
	576.3	1186.1	0.348	0.004	297.8
	930.6	0.141	0.357	0.004	294.2
	8.11		0.275	0.005	364.1
67.119	9.70			0.005	
					1523.9
69	30.64	373.8	0.360	-0.001	1328.7
	1617.9	34.7	0.365	0.005	370.3
	574.8	1187.7	0.357	-0.001	295.4
	931.6	0.142	0.362	0.005	294.2
	8.11		0.277	0.007	363.4
68.119	9.68			0.005	
					1475.4
70	30.54	373.6	0.359	0.004	1425.2
	1592.8	34.8	0.363	0.012	369.0
	575.2	1183.4	0.349	0.008	298.2
	933.1	0.142	0.359	0.006	294.2
	8.20		0.280	0.025	366.4
69.119	9.71			0.005	
					1426.9

					41
71	30.61	374.0	0.362	0.001	1570.7
	1565.5	34.8	0.364	0.005	375.0
	574.9	1182.1	0.349	0.006	298.5
	928.3	0.142	0.358	0.005	294.3
	8.20		0.280	-0.005	369.4
70.119	9.72			0.005	
					1392.4
72	30.68	373.8	0.359	0.002	9999.9
	1577.0	34.7	0.367	0.005	376.2
	575.2	1183.8	0.353	0.002	298.7
	934.3	0.143	0.357	0.007	293.7
	8.24		0.280	0.005	368.5
71.119	9.73			0.005	
					1306.5
73	29.98	374.2	0.356	0.003	9999.9
	1635.4	34.7	0.366	0.009	376.5
	576.6	1184.6	0.351	0.005	299.0
	931.8	0.136	0.359	0.008	294.3
	8.17		0.278	0.008	369.7
72.119	9.73			0.005	
					1325.1
74	30.50	374.2	0.358	0.002	0.0
	1560.3	34.7	0.360	0.011	374.4
	575.0	1187.7	0.352	0.003	299.4
	925.1	0.141	0.362	0.003	294.3
	8.17		0.282	0.004	372.4
73.119	9.74			0.005	
					1282.3
75	30.39	374.2	0.364	-0.001	0.0
	1589.9	34.7	0.365	0.006	376.5
	575.0	1183.3	0.349	0.003	299.6
	933.1	0.140	0.355	0.006	294.3
	8.20		0.278	0.004	373.7
74.119	9.75			0.005	
					1249.3
76	30.40	374.2	0.356	-0.000	9999.9
	1568.5	34.7	0.367	0.005	379.6
	575.1	1184.3	0.352	0.000	299.9
	927.8	0.140	0.358	0.003	294.2
	8.19		0.277	0.003	376.3
75.119	9.75			0.006	
					1223.9
77	29.28	374.2	0.363	0.003	9999.9
	1621.1	34.7	0.362	0.001	381.6
	574.7	1184.1	0.349	0.000	300.1
	930.7	0.150	0.356	0.007	294.2
	8.23		0.277	0.003	374.7
76.119	9.76			0.006	
					1380.7
78	28.34	370.9	0.356	0.000	9999.9
	1600.4	34.8	0.368	0.004	384.2
	574.9	1185.8	0.348	0.009	300.3
	932.8	0.122	0.362	0.003	294.2
	8.23		0.277	0.013	377.8
77.119	9.76			0.005	
					1690.2
79	28.66	370.8	0.364	0.001	9999.9
	1688.1	34.8	0.367	0.010	383.7
	577.4	1182.4	0.351	0.007	299.5
	931.3	0.125	0.360	0.006	294.3
	8.21		0.280	-0.008	380.2
78.119	9.77			0.005	
					1688.0
80	30.72	374.3	0.362	-0.000	747.4
	1534.7	34.7	0.370	0.003	390.6
	574.9	1182.9	0.351	0.009	301.4
	929.3	0.143	0.361	0.002	294.2
	8.25		0.277	0.000	383.2
79.119	9.77			0.005	
					1689.1
81	30.94	374.4	0.359	0.001	0.0
	1555.5	34.8	0.363	0.007	399.7
	574.7	1181.9	0.353	0.003	300.2
	933.6	0.146	0.358	0.005	294.2
	8.20		0.273	0.010	382.2
80.119	9.78			0.006	
					1694.2
82	29.63	374.5	0.347	-0.001	9999.9
	1613.3	34.7	0.373	0.004	411.8
	574.6	1183.9	0.353	0.006	301.5
	931.1	0.133	0.363	0.005	294.2
	8.20		0.278	-0.001	381.9
81.119	9.77			0.005	
					1684.3

					41
83	29.99	374.7	0.364	0.001	9999.9
	1595.9	34.7	0.367	-0.003	420.0
	575.9	1182.1	0.358	0.002	302.4
	931.6	0.137	0.358	0.005	294.2
	8.27		0.280	0.009	387.4
82.119	9.78			0.004	
					1704.4
84	30.23	374.7	0.366	-0.000	9999.9
	1588.4	34.7	0.362	0.003	433.8
	575.0	1181.6	0.357	0.003	302.9
	930.6	0.139	0.367	0.003	294.2
	8.17		0.281	-0.006	390.8
83.119	9.79			0.005	
					1700.0
85	30.82	374.7	0.364	0.000	9999.9
	1515.9	34.7	0.369	0.006	445.6
	574.4	1186.8	0.357	0.005	303.4
	923.6	0.144	0.359	0.005	294.2
	8.18		0.278	-0.008	392.5
84.119	9.80			0.004	
					1673.3
86	30.60	374.7	0.353	0.009	9999.9
	1545.0	34.7	0.371	0.012	456.8
	574.9	1180.9	0.359	0.003	303.7
	930.3	0.142	0.362	0.009	296.7
	8.23		0.279	0.005	392.9
85.119	9.80			0.005	
					1602.3
87	30.59	374.7	0.363	0.001	9999.9
	1551.3	34.7	0.364	0.009	468.9
	574.6	1183.9	0.354	0.000	304.3
	932.3	0.142	0.359	0.008	294.2
	8.23		0.284	0.000	397.0
86.119	9.80			0.005	
					1616.8
88	30.84	374.9	0.359	0.003	9999.9
	1532.1	34.7	0.365	0.003	481.2
	574.9	1184.8	0.354	0.004	304.8
	933.3	0.144	0.359	0.004	294.2
	8.27		0.277	-0.005	398.9
87.119	9.80			0.005	
					1579.9
89	30.95	375.0	0.357	0.000	9999.9
	1562.3	34.8	0.367	0.007	494.2
	574.7	1186.5	0.352	0.004	305.3
	932.3	0.145	0.359	0.005	294.2
	8.13		0.281	0.001	401.9
88.119	9.80			0.004	
					1609.2
90	29.81	374.9	0.362	0.001	9999.9
	1617.1	34.8	0.368	0.004	508.6
	574.5	1187.2	0.354	0.004	305.9
	928.3	0.135	0.356	0.009	294.2
	8.09		0.274	-0.007	406.0
89.119	9.80			0.005	
					1618.5
91	30.54	375.0	0.364	0.001	9999.9
	1583.4	34.7	0.368	0.006	525.5
	574.4	1179.9	0.360	0.003	306.4
	932.1	0.142	0.359	0.008	294.2
	8.13		0.284	-0.009	407.8
90.119	9.80			0.005	
					1620.4
92	29.77	375.2	0.357	-0.001	9999.9
	1618.8	34.7	0.373	0.001	554.1
	574.2	1183.8	0.362	0.001	306.8
	934.1	0.135	0.363	0.011	294.2
	8.17		0.279	0.002	414.0
91.119	9.80			0.004	
					1595.9
93	30.28	374.8	0.362	-0.000	9999.9
	1556.2	34.7	0.370	0.012	608.4
	574.5	1178.5	0.354	0.003	307.5
	931.1	0.140	0.362	0.004	294.3
	8.24		0.279	0.007	415.0
92.119	9.80			0.004	
					1623.3
94	29.98	375.0	0.368	0.000	9999.9
	1587.3	34.8	0.368	0.008	700.1
	575.0	1181.1	0.360	0.003	308.3
	935.3	0.137	0.366	0.005	294.2
	8.26		0.282	0.014	422.0
93.119	9.80			0.004	
					1624.0

					41
95	30.74	375.2	0.363	0.010	9999.9
	1584.2	34.7	0.372	0.005	893.2
	574.2	1180.7	0.357	0.007	308.7
	931.8	0.144	0.365	0.003	294.2
	8.08		0.278	0.008	425.5
94.119	9.81			0.004	
					1626.3
96	30.53	375.5	0.367	-0.000	9999.9
	1549.9	34.7	0.368	0.006	1091.7
	573.7	1179.2	0.356	0.002	309.4
	925.3	0.142	0.364	0.005	294.3
	8.11		0.280	0.004	428.8
95.119	9.81			0.004	
					1616.3
97	30.59	375.4	0.364	-0.003	9999.9
	1537.8	34.8	0.369	0.002	1507.9
	574.2	1180.1	0.354	0.005	309.9
	932.8	0.142	0.365	0.004	294.3
	8.26		0.282	-0.001	431.5
96.119	9.81			0.005	
					1653.7
98	30.15	375.4	0.351	-0.003	9999.9
	1575.0	34.8	0.367	0.006	9999.9
	573.8	1179.7	0.356	0.005	310.8
	930.3	0.139	0.361	0.004	294.3
	8.17		0.277	0.000	438.6
97.119	9.81			0.004	
					1652.7
99	29.95	375.5	0.371	0.001	9999.9
	1594.1	34.7	0.368	0.005	9999.9
	574.1	1182.8	0.361	0.002	311.4
	931.3	0.136	0.367	0.006	294.3
	8.16		0.280	0.013	442.7
98.119	9.81			0.004	
					1669.3
100	29.03	375.6	0.366	0.001	9999.9
	1608.5	34.8	0.371	0.007	9999.9
	574.4	1183.6	0.361	0.005	312.1
	927.6	0.128	0.365	0.004	294.3
	8.22		0.283	0.000	446.1
99.119	9.81			0.004	
					1687.6

					41
101	29.29	372.5	0.368	0.000	9999.9
	1627.5	34.8	0.368	0.007	596.1
	574.5	1180.7	0.358	0.005	313.1
	937.0	0.131	0.364	0.005	294.2
	8.26		0.283	0.000	453.2
100.119	9.82			0.004	
					1681.6
102	30.29	375.8	0.366	0.003	9999.9
	1560.9	34.8	0.372	0.005	1019.7
	574.4	1178.9	0.361	0.002	314.0
	928.3	0.140	0.360	0.005	294.3
	8.17		0.283	0.001	459.1
101.119	9.82			0.004	
					1678.7
103	29.77	372.1	0.365	0.002	9999.9
	1570.3	34.8	0.367	0.008	0.0
	574.6	1183.4	0.356	0.005	314.9
	927.8	0.135	0.366	0.001	294.3
	8.21		0.281	0.003	465.4
102.119	9.83			0.004	
					1677.4
104	30.61	375.9	0.366	-0.003	9999.9
	1557.6	34.8	0.369	0.008	813.5
	574.5	1181.6	0.359	0.004	316.0
	937.0	0.142	0.363	0.004	294.0
	8.24		0.284	0.009	469.4
103.119	9.83			0.005	
					1647.0
105	30.67	376.1	0.373	0.007	9999.9
	1534.9	34.7	0.375	0.000	0.0
	575.8	1178.9	0.364	0.005	317.3
	929.6	0.143	0.370	0.006	294.3
	8.22		0.283	-0.007	475.2
104.119	9.84			0.004	
					1623.6
106	30.50	376.2	0.373	0.002	9999.9
	1556.6	34.8	0.369	0.007	0.0
	574.5	1180.9	0.360	0.007	318.4
	926.6	0.142	0.363	0.004	294.3
	8.10		0.283	0.006	481.4
105.119	9.85			0.005	
					1631.4

					41
107	30.81	371.5	0.357	0.000	9999.9
	1560.5	34.8	0.371	0.002	0.0
	575.7	1179.2	0.360	0.002	319.6
	934.1	0.145	0.363	0.005	294.3
	8.17		0.285	-0.001	486.8
106.119	9.86			0.005	
					1629.4
108	30.17	372.7	0.375	0.001	331.9
	1576.4	34.8	0.375	0.009	9999.9
	574.2	1180.7	0.362	0.001	324.0
	935.5	0.139	0.367	0.006	294.3
	8.21		0.279	0.008	493.2
107.119	9.85			0.005	
					1590.8
109	30.70	372.7	0.375	0.002	9999.9
	1546.7	34.8	0.372	0.001	9999.9
	574.3	1177.7	0.357	0.003	322.3
	935.3	0.144	0.363	0.003	294.1
	8.22		0.283	0.006	499.7
108.119	9.85			0.005	
					1568.3
110	30.65	376.1	0.365	0.001	9999.9
	1543.1	34.8	0.375	0.006	9999.9
	573.8	1181.1	0.359	0.002	322.5
	932.8	0.143	0.363	0.005	294.4
	8.19		0.286	-0.003	507.1
109.119	9.86			0.006	
					1564.9
111	30.68	376.3	0.375	-0.002	9999.9
	1524.3	34.8	0.360	0.004	0.0
	574.1	1179.7	0.356	0.006	325.6
	931.3	0.143	0.364	0.007	294.4
	8.22		0.281	0.011	515.5
110.119	9.86			0.005	
					1567.5
112	30.27	376.5	0.370	-0.001	9999.9
	1557.4	34.8	0.366	0.003	0.0
	574.2	1177.5	0.356	0.002	327.3
	930.8	0.140	0.366	0.007	294.4
	8.18		0.283	0.024	521.3
111.119	9.86			0.005	
					1583.5

					41
113	30.73	374.8	0.374	0.000	9999.9
	1533.1	34.8	0.369	0.001	0.0
	574.1	1176.7	0.357	0.004	329.2
	930.1	0.144	0.361	0.005	294.4
	8.17		0.284	0.009	528.1
112.119	9.86			0.005	
					1607.9
114	30.49	374.7	0.370	-0.001	9999.9
	1540.6	34.8	0.366	0.005	9999.9
	574.2	1176.0	0.357	0.004	331.1
	929.6	0.142	0.359	0.005	293.7
	8.17		0.281	-0.003	533.0
113.119	9.87			0.006	
					1614.2
115	30.41	376.6	0.368	0.001	9999.9
	1538.2	34.8	0.366	0.003	9999.9
	574.2	1177.2	0.353	0.006	331.6
	931.1	0.141	0.361	0.002	294.4
	8.21		0.278	0.012	540.5
114.119	9.87			0.005	
					1606.7
116	30.81	374.9	0.376	0.001	9999.9
	1488.2	34.8	0.359	0.003	9999.9
	574.4	1175.5	0.355	0.003	335.1
	926.1	0.145	0.366	0.006	294.4
	8.24		0.280	0.007	548.8
115.119	9.87			0.006	
					1650.2
117	30.83	376.6	0.373	-0.006	9999.9
	1515.9	34.9	0.359	0.000	9999.9
	574.2	1177.0	0.357	0.002	337.4
	932.1	0.145	0.366	0.002	294.5
	8.22		0.282	0.002	554.3
116.119	9.88			0.005	
					1662.4
118	30.96	376.4	0.376	-0.003	9999.9
	1522.0	34.9	0.364	0.001	0.0
	574.0	1172.4	0.350	0.005	338.2
	932.3	0.147	0.371	0.005	294.5
	8.18		0.284	0.001	561.9
117.119	9.89			0.006	
					1672.1

119	28.89	373.5	0.372	0.001	9999.9
	1595.5	34.8	0.367	0.002	9999.9
	574.0	1176.5	0.354	0.006	340.4
	930.8	0.127	0.372	0.003	294.5
	8.26		0.283	-0.000	569.9
118.119	9.88			0.006	
					1671.5
120	30.76	377.1	0.373	0.000	9999.9
	1480.7	34.8	0.365	0.005	9999.9
	574.0	1171.8	0.351	0.002	344.2
	925.3	0.145	0.366	0.010	294.6
	8.24		0.283	0.005	578.3
119.119	9.88			0.006	
					1602.1
121	30.80	377.1	0.372	0.001	9999.9
	59.2	30.4	0.366	0.002	9999.9
	433.9	1174.6	0.359	0.001	346.3
	798.6	0.145	0.370	0.001	294.4
	8.24		0.285	0.000	579.6
120.119	9.84			0.007	
					1611.4

ARC POWER OFF

MODEL 20

2-MW PJ FACILITY CONCRETE SAMPLE TEST NO 188 - RUN NO. 42

TIME SEC	FAC. IOPERATING PARAMETERS: GAS FLO-G/S; ENTHALPY-CAL/G; CURRENT-AMPS; VOLTS; WATER FLO-L/S; WATER DT-DEG K	PRES-N/CM 2: HEATER MAN; ARC CHAMB; VENTURI; VENTURI DP;	PROBE: PRESS N/CM 2	PROBE: HEAT FLUX KW/CP 2	MODEL TEMP DEG K: TC-1; TC-2; TC-3; TC-4; TC-5; TC-6; TC-7; PYROM
					42
1	27.91	373.7	0.123	0.002	302.4
	1041.2	29.3	0.514	0.181	294.7
	156.3	1137.1	1.768	0.142	294.5
	1331.3	0.123	1.616	0.120	294.5
	8.13		0.139	0.163	297.5
0.000	2.54			0.022	
					0.0
2	28.15	377.3	0.231	0.000	305.1
	1052.5	29.3	0.736	0.178	296.6
	159.2	1132.9	1.927	0.140	294.5
	1326.3	0.126	1.794	0.124	294.3
	8.23		0.268	0.161	299.2
0.115	2.54			0.020	
					0.0
3	27.40	377.4	0.248	0.005	306.6
	1046.5	29.3	0.743	0.178	297.2
	155.7	1141.2	1.931	0.142	294.4
	1333.5	0.118	1.790	0.125	293.7
	8.19		0.268	0.160	295.5
2.119	2.56			0.022	
					0.0
4	26.37	377.4	0.257	0.006	302.5
	1097.0	29.3	0.743	0.181	297.6
	156.6	1138.0	1.930	0.142	294.5
	1338.5	0.110	1.796	0.124	294.2
	8.24		0.270	0.160	294.9
4.119	2.57			0.020	0
					0.0
					42
5	28.09	377.3	0.261	0.002	305.5
	1018.4	29.3	0.741	0.181	297.7
	156.2	1139.7	1.935	0.145	294.4
	1328.3	0.124	1.798	0.125	294.1
	8.19		0.273	0.162	294.9
6.119	2.56			0.021	
					0.0
6	27.78	377.5	0.261	0.002	308.4
	1043.0	29.3	0.739	0.180	294.5
	155.4	1139.7	1.935	0.136	294.5
	1334.5	0.117	1.804	0.125	294.1
	8.26		0.270	0.158	295.0
8.119	2.56			0.022	
					0.0
7	29.43	377.6	0.263	0.001	311.0
	970.7	29.3	0.743	0.184	298.5
	156.1	1138.3	1.939	0.137	294.5
	1327.5	0.137	1.799	0.124	294.1
	8.20		0.272	0.165	295.6
10.119	2.56			0.020	
					0.0
8	28.56	374.3	0.264	0.001	309.6
	1001.0	28.4	0.741	0.183	299.0
	155.8	1138.0	1.935	0.137	294.4
	1329.0	0.129	1.805	0.125	294.2
	8.19		0.269	0.154	295.5
12.119	2.56			0.020	
					0.0
9	29.31	377.6	0.265	0.005	313.4
	1000.2	29.3	0.739	0.183	296.3
	158.5	1139.7	1.941	0.143	294.6
	1327.3	0.155	1.813	0.126	294.4
	8.25		0.271	0.163	295.8
14.119	2.54			0.020	
					0.0
10	27.29	377.6	0.256	-0.002	312.0
	1043.4	29.3	0.738	0.185	300.4
	154.9	1136.6	1.940	0.142	294.5
	1333.8	0.118	1.812	0.125	294.1
	8.25		0.269	0.156	296.3
16.119	2.54			0.020	
					0.0
11	28.69	377.7	0.369	0.007	315.4
	988.5	28.8	0.725	0.015	300.2
	155.0	1136.8	1.275	0.006	294.1
	1321.5	0.130	1.189	0.008	293.6
	8.19		0.270	0.012	294.5
18.119	2.52			0.001	
					0.0
12	27.20	374.5	0.364	0.001	0.0
	1099.6	28.8	0.451	0.020	308.4
	157.7	1137.6	0.527	0.008	300.2
	1323.3	0.117	0.510	0.014	299.9
	8.22		0.271	0.009	375.6
20.119	2.43			0.001	
					0.0
13	28.11	374.5	0.362	0.003	0.0
	1027.3	27.1	0.373	0.012	313.3
	154.2	1137.5	0.406	0.008	302.9
	1324.5	0.125	0.404	0.008	304.3
	8.22		0.269	0.004	457.8
22.119	2.43			0.002	
					1182.0
14	25.11	371.5	0.348	-0.002	0.0
	1186.5	28.2	0.351	0.021	312.0
	156.6	1136.6	0.367	0.004	301.3
	1317.3	0.100	0.370	0.007	303.2
	8.06		0.266	0.001	462.0
24.119	2.42			0.000	
					1264.8
15	27.74	376.4	0.348	-0.000	0.0
	1047.0	27.9	0.352	0.006	318.1
	153.5	1136.0	0.363	0.008	301.5
	1335.8	0.122	0.364	0.004	303.4
	8.25		0.268	0.002	441.5
26.119	2.42			-0.000	
					1301.4
16	27.09	375.1	0.342	-0.000	0.0
	1125.9	27.7	0.341	0.007	317.8
	155.6	1137.0	0.360	0.004	300.3
	1324.3	0.116	0.365	0.002	303.1
	8.16		0.271	0.004	423.6
28.119	2.30			-0.001	
					1313.2
					42
17	26.93	378.3	0.355	-0.005	0.0
	1041.1	27.7	0.350	0.007	317.3
	151.8	1136.6	0.359	0.008	298.9
	1338.3	0.115	0.365	0.004	301.5
	8.26		0.271	-0.001	398.6
30.119	2.49			0.002	
					1322.4
18	26.39	378.7	0.353	0.001	378.2
	1089.7	28.4	0.347	0.004	308.0
	152.8	1134.9	0.360	0.005	299.2
	1337.0	0.110	0.359	-0.001	300.0
	8.28		0.272	-0.004	374.6
32.119	2.41			0.001	
					1326.0
19	28.91	372.5	0.357	0.004	381.0
	973.7	28.2	0.338	0.011	312.8
	151.4	1134.8	0.351	0.001	296.8
	1345.3	0.132	0.360	0.007	298.9
	8.25		0.275	-0.001	358.3
34.119	2.49			-0.001	
					1333.5
20	28.41	375.3	0.350	0.001	384.6
	1049.6	27.7	0.343	0.004	318.0
	154.5	1133.8	0.350	-0.003	297.5
	1340.3	0.128	0.358	0.003	297.2
	8.20		0.276	-0.001	342.8
36.119	2.40			-0.001	
					1333.1
21	27.28	378.9	0.355	-0.000	393.7
	1054.3	29.3	0.342	0.005	319.9
	154.0	1135.3	0.351	-0.001	296.8
	1332.8	0.118	0.358	-0.001	297.1
	8.14		0.279	0.004	332.2
38.119	2.49			-0.001	
					1336.0
22	26.87	379.0	0.350	-0.004	396.0
	1032.0	28.7	0.337	0.002	322.2
	151.5	1135.6	0.358	-0.001	295.5
	1332.3	0.114	0.358	0.002	296.5
	8.24		0.277	0.002	324.2
40.119	2.49			0.001	
					1339.0

PROBE OUT

MODEL IN

					42
23	28.85	379.1	0.350	0.001	400.3
	965.2	28.7	0.344	0.005	328.6
	150.9	1134.3	0.357	0.003	296.4
	1335.5	0.132	0.358	0.007	296.2
	8.23		0.278	0.000	322.0
42.119	2.47			0.002	
					1350.6
24	28.13	379.2	0.350	0.004	400.4
	975.7	29.2	0.346	0.002	327.5
	148.6	1135.4	0.358	0.002	296.3
	1343.0	0.125	0.358	0.000	295.9
	8.23		0.280	-0.000	320.5
44.119	2.46			0.001	
					1346.5
25	27.52	372.5	0.352	0.001	406.0
	1009.0	29.2	0.346	0.001	327.5
	148.5	1134.1	0.353	0.001	294.4
	1341.5	0.120	0.359	0.012	295.5
	8.14		0.278	0.003	320.3
46.119	2.44			0.003	
					1341.8
26	25.03	379.2	0.355	0.002	416.0
	1109.0	29.2	0.347	0.005	337.6
	147.7	1133.9	0.359	0.001	296.1
	1347.8	0.099	0.360	0.002	295.2
	8.22		0.277	0.002	323.5
48.119	2.42			0.002	
					1343.3
27	29.25	375.9	0.362	0.002	424.2
	988.0	29.3	0.349	0.001	341.0
	151.4	1135.4	0.359	-0.001	296.6
	1348.0	0.136	0.362	0.004	295.0
	8.17		0.276	-0.002	326.8
50.119	2.43			0.002	
					1346.6
28	28.13	376.2	0.363	0.001	433.6
	1023.0	28.9	0.350	0.006	341.3
	151.5	1134.8	0.360	0.002	296.2
	1348.0	0.125	0.366	0.002	294.8
	8.27		0.274	0.003	328.9
52.119	2.42			0.003	
					1360.5

					42
29	26.81	379.8	0.365	0.001	443.1
	1055.1	28.7	0.350	0.005	347.5
	148.3	1134.8	0.362	-0.006	294.9
	1354.0	0.114	0.366	0.000	294.7
	8.23		0.276	0.000	331.1
54.119	2.40			0.003	
					1362.1
30	29.07	379.9	0.355	0.003	448.1
	951.9	28.7	0.342	0.004	344.1
	147.8	1136.1	0.362	-0.001	296.4
	1344.8	0.134	0.366	0.004	294.6
	8.29		0.276	0.005	334.1
56.119	2.39			-0.000	
					1381.8
31	29.28	380.2	0.349	0.002	461.5
	934.4	28.6	0.349	0.005	352.9
	147.1	1133.9	0.361	0.001	295.6
	1346.0	0.136	0.363	0.001	294.5
	8.31		0.278	0.001	336.9
58.119	2.40			0.003	
					1374.1
32	28.23	379.9	0.355	0.001	476.2
	979.5	29.3	0.342	0.004	350.1
	146.7	1135.3	0.362	0.000	296.9
	1354.3	0.126	0.363	0.002	294.5
	8.21		0.281	0.003	340.1
60.119	2.42			0.003	
					1393.1
33	26.01	380.1	0.362	0.002	488.0
	1112.4	29.3	0.348	0.004	357.2
	150.0	1133.9	0.364	0.002	297.1
	1338.8	0.107	0.360	0.007	294.4
	8.19		0.286	0.003	342.3
62.119	2.33			0.001	
					1370.9
34	26.27	379.9	0.363	0.001	500.7
	1090.2	28.8	0.351	0.006	361.1
	151.4	1133.4	0.366	0.001	297.4
	1337.5	0.109	0.365	0.008	294.4
	8.22		0.289	0.002	343.8
64.119	2.41			0.003	
					1362.0

					42
35	25.98	379.9	0.356	0.001	513.8
	1062.3	29.4	0.353	0.002	359.8
	149.2	1131.9	0.368	0.002	297.7
	1331.0	0.107	0.362	0.002	293.8
	8.25		0.290	0.002	346.0
66.119	2.41			0.003	
					1333.1
36	27.14	379.9	0.356	0.005	527.0
	1040.3	29.4	0.356	0.002	361.7
	150.4	1132.2	0.370	0.006	298.1
	1338.3	0.117	0.364	0.002	294.5
	8.21		0.289	0.009	347.5
68.119	2.42			0.003	
					1315.4
37	27.42	376.5	0.357	0.001	540.7
	1036.8	29.4	0.359	0.004	366.9
	151.5	1130.5	0.369	0.002	297.1
	1336.8	0.120	0.364	0.005	294.5
	8.25		0.289	0.002	348.1
70.119	2.42			0.003	0.0
					0.0
					1280.4
38	29.03	380.4	0.362	-0.000	555.6
	1007.3	29.4	0.354	0.005	368.4
	153.5	1132.7	0.370	0.002	298.9
	1342.5	0.134	0.365	0.013	294.4
	8.23		0.290	0.001	348.9
72.119	2.43			0.004	
					1263.6
39	27.64	378.2	0.363	0.007	575.7
	1033.9	29.4	0.363	0.005	366.3
	150.8	1132.1	0.369	0.015	297.0
	1350.5	0.121	0.363	0.010	294.5
	8.24		0.288	0.002	351.0
74.119	2.44			0.003	
					1264.6
40	27.91	380.5	0.348	0.002	598.0
	1006.2	29.4	0.364	0.004	371.0
	147.9	1133.6	0.369	-0.005	298.3
	1346.5	0.124	0.357	0.003	294.5
	8.28		0.286	0.002	351.7
76.119	2.36			0.003	
					1248.5

					42
41	28.96	377.4	0.355	-0.000	617.7
	936.9	28.8	0.359	0.003	372.3
	147.1	1134.9	0.369	0.010	298.4
	1348.3	0.133	0.362	0.004	293.0
	8.29		0.287	0.002	353.6
78.119	2.44			0.004	
					1270.9
42	27.67	377.7	0.365	0.002	651.0
	995.8	29.4	0.369	0.005	372.7
	148.3	1134.4	0.371	0.008	300.2
	1349.0	0.121	0.363	0.003	294.5
	8.32		0.286	0.001	355.5
80.119	2.44			0.003	
					1282.1
43	26.47	375.0	0.366	0.001	676.9
	1047.5	29.0	0.359	0.006	374.1
	148.0	1137.3	0.370	0.013	300.0
	1351.5	0.111	0.365	0.004	294.4
	8.26		0.286	0.004	356.6
82.119	2.43			0.001	
					1283.2
44	29.31	377.9	0.359	0.004	698.5
	960.3	29.4	0.373	0.011	375.0
	149.4	1140.0	0.370	0.003	301.9
	1342.8	0.135	0.363	0.002	293.8
	8.18		0.285	0.002	356.6
84.119	2.43			0.002	
					1280.9
45	28.59	378.2	0.355	0.001	719.2
	979.1	29.4	0.367	0.012	375.5
	149.1	1140.7	0.369	0.001	301.1
	1342.0	0.129	0.364	0.003	294.4
	8.16		0.285	0.005	357.9
86.119	2.43			0.003	
					1272.2
46	28.49	375.9	0.361	-0.002	739.6
	963.5	29.4	0.374	0.009	372.9
	148.2	1140.4	0.370	0.006	303.1
	1341.5	0.128	0.363	0.004	294.4
	8.27		0.287	0.002	358.0
88.119	2.43			0.003	
					1259.4

					42
47	29.08	381.6	0.361	0.001	759.2
	946.8	29.5	0.375	0.003	377.1
	146.4	1141.0	0.370	0.002	303.0
	1357.8	0.133	0.365	0.003	293.1
	8.20		0.285	0.004	360.2
90.119	2.43			0.003	
					1272.5
48	27.96	376.2	0.357	-0.001	774.8
	980.3	29.1	0.377	0.002	375.0
	146.9	1141.2	0.373	0.002	304.5
	1355.8	0.123	0.365	0.003	294.4
	8.30		0.287	0.002	361.7
92.119	2.43			0.001	
					1280.2
49	29.06	378.1	0.361	0.005	794.2
	937.5	29.4	0.366	0.008	372.4
	146.9	1138.8	0.373	0.003	303.7
	1349.0	0.133	0.361	0.003	294.5
	8.30		0.287	0.003	363.3
94.119	2.43			0.003	
					1391.0
50	29.44	382.0	0.363	0.001	808.9
	973.6	29.5	0.370	0.004	376.8
	151.4	1139.0	0.367	0.002	304.4
	1343.8	0.137	0.366	0.003	294.4
	8.27		0.289	0.005	362.7
96.119	2.42			0.003	
					1385.6
51	27.54	382.3	0.350	0.001	826.4
	1036.3	29.6	0.367	0.004	379.0
	151.0	1136.3	0.373	0.001	305.1
	1340.8	0.120	0.365	0.003	293.7
	8.23		0.288	0.004	364.4
98.119	2.41			0.004	
					1407.7
52	28.65	382.3	0.368	0.001	842.8
	1005.2	29.6	0.373	0.003	382.8
	151.8	1133.6	0.373	0.003	303.7
	1339.0	0.130	0.367	0.010	293.6
	8.19		0.287	0.004	365.3
100.119	2.42			0.003	
					1407.6

					42
53	28.94	382.4	0.369	-0.002	857.9
	992.2	29.6	0.373	0.001	391.8
	151.9	1133.6	0.373	0.007	308.0
	1348.5	0.133	0.368	0.004	293.7
	8.32		0.291	0.004	366.5
102.119	2.43			0.003	
					1399.1
54	27.33	375.9	0.368	0.001	872.8
	1034.6	29.6	0.368	0.003	398.1
	149.4	1135.6	0.376	0.013	306.0
	1352.5	0.118	0.369	0.002	294.2
	8.16		0.292	0.003	366.9
104.119	2.45			0.003	
					1357.0
55	28.12	382.5	0.358	0.004	885.9
	981.6	29.5	0.370	0.001	405.7
	148.1	1134.3	0.377	0.012	308.1
	1350.8	0.125	0.371	0.002	294.4
	8.22		0.292	0.002	369.0
106.119	2.46			0.003	
					1389.0
56	25.49	382.0	0.365	0.001	896.8
	1104.3	29.7	0.374	0.011	411.4
	151.3	1135.6	0.376	0.001	310.8
	1341.0	0.103	0.369	0.002	294.4
	8.26		0.292	0.004	369.4
108.119	2.46			0.004	
					1418.4
57	26.24	382.3	0.364	0.002	914.3
	1054.3	29.6	0.377	0.003	416.8
	149.3	1135.8	0.376	0.002	310.8
	1347.5	0.109	0.371	0.002	294.2
	8.27		0.293	0.004	369.8
110.119	2.47			0.001	
					1420.9
58	28.15	383.0	0.358	-0.001	934.4
	977.6	29.7	0.378	0.005	429.1
	149.0	1136.5	0.375	0.001	311.2
	1347.3	0.125	0.371	-0.004	294.3
	8.30		0.290	0.003	371.1
112.119	2.47			0.004	
					1420.1

					42
59	28.06	380.8	0.364	0.002	952.7
	976.5	29.6	0.378	0.007	435.1
	149.2	1137.5	0.377	0.002	313.8
	1339.8	0.124	0.372	0.002	294.3
	8.24		0.294	0.002	370.8
114.119	2.48			0.004	
					1411.5
60	27.93	383.5	0.361	0.002	975.1
	975.5	29.7	0.380	0.003	442.3
	148.9	1138.7	0.377	0.004	315.1
	1334.5	0.123	0.370	0.003	294.3
	8.19		0.293	0.006	373.1
116.119	2.47			0.003	
					1385.0
61	28.35	380.4	0.367	-0.003	996.4
	963.3	29.7	0.382	0.005	456.6
	148.1	1137.1	0.378	0.011	316.1
	1345.3	0.127	0.372	0.004	293.6
	8.21		0.293	0.005	374.1
118.119	2.47			0.004	
					1439.1
62	27.27	383.1	0.374	-0.001	1019.9
	1037.5	29.7	0.382	0.003	471.1
	151.3	1139.2	0.378	0.004	317.5
	1336.5	0.117	0.373	0.007	294.4
	8.15		0.296	0.004	375.2
120.119	2.46			0.004	
					1441.8
63	27.81	383.9	0.371	0.001	1094.8
	1000.0	29.7	0.384	0.003	484.0
	148.8	1137.1	0.379	0.009	318.7
	1349.0	0.122	0.374	0.002	294.5
	8.21		0.296	0.001	376.1
122.119	2.46			0.003	
					1414.9
64	25.68	384.0	0.366	0.001	1213.9
	1082.6	29.7	0.382	0.001	493.2
	149.3	1138.2	0.380	0.002	318.8
	1346.3	0.104	0.373	0.004	294.5
	8.22		0.295	-0.001	377.8
124.119	2.46			0.002	
					1318.9

					42
65	24.06	364.9	0.350	-0.000	1488.3
	1231.3	28.6	0.347	0.002	500.4
	151.0	1133.9	0.361	-0.001	313.8
	1335.8	0.092	0.369	0.001	293.4
	8.08		0.286	0.002	392.7
126.119	2.30			-0.003	
					1299.9
66	25.59	374.5	0.337	-0.004	9999.9
	1165.6	28.2	0.340	-0.002	524.1
	154.9	1135.4	0.374	-0.005	321.0
	1318.5	0.104	0.367	-0.001	294.4
	8.14		0.291	-0.001	396.7
128.119	2.33			-0.001	
					1244.2
67	20.42	380.3	0.367	-0.001	9999.9
	1497.9	28.7	0.355	0.001	555.8
	155.1	1132.7	0.361	0.000	319.4
	1326.5	0.066	0.367	-0.003	294.3
	8.22		0.289	0.003	386.6
130.119	2.31			0.000	
					1205.2
68	19.05	371.6	0.350	-0.004	9999.9
	1601.9	29.2	0.356	0.004	562.6
	151.5	1136.8	0.373	-0.000	319.7
	1330.0	0.057	0.371	-0.001	294.7
	8.22		0.290	-0.002	385.7
132.119	2.15			-0.005	
					1171.9
69	24.50	378.2	0.364	-0.003	0.0
	1268.0	29.3	0.377	-0.007	554.4
	153.6	1137.5	0.370	-0.000	322.3
	1344.5	0.095	0.371	-0.002	295.5
	8.16		0.289	0.001	387.3
134.119	2.24			-0.005	
					1148.1
70	24.50	368.6	0.342	-0.007	0.0
	1249.6	27.7	0.358	-0.005	569.2
	152.5	1137.5	0.370	-0.003	323.9
	1358.0	0.095	0.371	-0.006	293.4
	8.13		0.282	-0.001	387.0
136.119	2.33			-0.006	
					1456.5

					42
71	27.32	378.4	0.356	-0.010	0.0
	1050.2	28.8	0.356	0.003	593.1
	146.5	1134.4	0.370	0.002	329.5
	1341.0	0.118	0.367	0.001	292.7
	8.11		0.285	0.000	387.9
138.119	2.25			-0.000	
					1454.3
72	25.93	374.2	0.372	0.001	9999.9
	1176.4	28.7	0.358	0.001	609.3
	145.7	1131.9	0.372	-0.002	325.0
	1348.5	0.107	0.368	0.000	292.6
	8.16		0.287	-0.006	388.5
140.119	2.02			0.001	
					1408.1
73	25.42	375.2	0.364	-0.008	9999.9
	1049.7	28.2	0.344	0.003	632.8
	137.1	1130.0	0.355	-0.002	328.3
	1374.0	0.103	0.371	-0.002	292.9
	7.89		0.285	-0.004	393.2
142.119	2.33			-0.000	
					1384.6
74	23.89	372.1	0.363	-0.011	9999.9
	1023.4	28.5	0.349	-0.005	666.1
	126.1	1128.5	0.364	-0.010	330.1
	1408.3	0.091	0.369	-0.005	293.2
	8.15		0.291	-0.003	410.3
144.119	2.21			-0.001	
					1376.9
75	20.53	372.3	0.350	-0.012	9999.9
	918.4	25.9	0.346	-0.009	732.9
	90.1	1129.7	0.348	-0.002	333.0
	1578.2	0.067	0.371	-0.008	296.1
	7.95		0.285	-0.008	864.4
146.119	1.90			-0.006	
					1297.4
76	20.20	362.3	0.354	-0.006	1219.6
	1194.2	27.0	0.338	-0.005	669.9
	120.2	1130.5	0.359	-0.003	332.2
	1430.8	0.065	0.373	-0.005	296.0
	7.97		0.288	-0.007	486.7
148.119	2.13			0.001	
					1311.3

					42
77	25.78	382.4	0.373	0.004	9999.9
	1268.7	30.1	0.361	0.005	674.1
	159.7	1128.2	0.386	0.002	336.5
	1308.5	0.106	0.395	0.002	294.3
	8.11		0.292	-0.000	376.4
150.119	2.10			0.000	
					1581.5
78	25.49	373.2	0.363	-0.008	9999.9
	1043.0	27.7	0.362	-0.006	706.6
	122.2	1131.2	0.374	0.003	333.4
	1433.3	0.103	0.376	-0.004	293.1
	8.09		0.288	-0.005	407.1
152.119	1.89			0.000	
					1415.8

ARC POWER OFF

MODEL 13

2-MW PJ FACILITY CONCRETE SAMPLE TEST NO 188 - RUN NO. 43

POINT NO / TIME SEC	FAC. OPERATING PARAMETERS: GAS FLO-G/S; ENTHALPY-CAL/G; CURRENT-AMPS; VOLTS; WATER FLO-L/S; WATER DT-DEG K	FAC. OPERATING PARAMETERS: PRES-N/CM 2	PROBE: PRESS N/CM 2	PROBE: HEAT FLUX KW/CM 2	MODEL: TEMP DEG K
	HEATER MAN		1	1	TC-1
	ARC CHAMB		2	2	TC-2
	VENTURI		3	3	TC-3
	VENTURI DP		4	4	TC-4
			5	5	TC-5
				6	TC-6
					TC-7
					PYROM
1	26.42	382.5	0.000	0.002	0.0
	1895.5	34.8	0.000	0.289	294.2
	585.5	1230.6	0.000	0.301	294.1
	901.2	0.102	0.000	0.271	294.2
	8.29		0.000	0.243	294.2
0.119	9.18			0.070	301.6
					0.0
2	26.61	382.3	0.006	0.001	0.0
	1896.5	34.8	0.001	0.289	295.7
	585.7	1227.5	0.007	0.256	294.1
	904.7	0.104	0.001	0.270	294.2
	8.27		0.008	0.252	295.9
1.119	9.21			0.069	295.1
					0.0
3	26.38	382.5	0.007	-0.001	0.0
	1907.9	34.8	0.006	0.301	294.5
	587.3	1227.2	0.004	0.304	294.1
	898.6	0.102	-0.000	0.272	294.2
	8.20		0.015	0.248	297.0
2.119	9.25			0.069	295.3
					0.0
4	26.67	382.3	0.093	0.000	0.0
	1874.9	34.8	0.666	0.294	295.7
	585.9	1227.4	1.647	0.301	294.2
	900.6	0.104	1.392	0.274	294.2
	8.20		0.227	0.249	296.6
3.119	9.29			0.071	294.6
					0.0
					43
5	26.62	382.0	0.121	0.001	0.0
	1851.6	34.8	0.953	0.297	296.0
	586.1	1223.5	2.098	0.305	294.2
	900.0	0.104	1.819	0.273	294.2
	8.23		0.329	0.258	296.5
4.119	9.33			0.070	295.8
					0.0
6	26.45	382.0	0.135	0.002	0.0
	1864.3	34.8	1.046	0.297	296.3
	584.8	1223.1	2.121	0.302	294.1
	900.6	0.103	1.850	0.275	294.2
	8.19		0.387	0.252	296.5
5.119	9.36			0.070	295.0
					0.0
7	26.78	381.0	0.156	0.002	0.0
	1805.0	34.8	1.071	0.291	296.8
	584.4	1227.9	2.128	0.302	294.2
	902.4	0.105	1.859	0.275	294.2
	8.28		0.425	0.253	296.1
6.119	9.38			0.070	293.3
					0.0
8	26.64	381.9	0.289	0.001	0.0
	1818.0	34.7	0.892	0.023	297.1
	583.8	1225.2	1.240	0.020	294.1
	897.1	0.104	1.097	0.021	294.1
	8.16		0.400	0.012	296.3
7.119	9.42			0.007	294.7
					0.0
9	26.53	381.9	0.310	0.002	0.0
	1845.9	34.8	0.620	0.024	299.0
	584.0	1225.7	0.712	0.020	294.2
	904.4	0.103	0.651	0.022	295.4
	8.19		0.354	0.018	301.0
8.119	9.44			0.012	304.2
					0.0
10	25.07	381.9	0.316	-0.000	289.0
	1891.0	34.7	0.498	0.025	302.5
	583.8	1225.3	0.532	0.019	298.0
	900.3	0.092	0.498	0.018	297.5
	8.28		0.320	0.010	311.1
9.119	9.46			0.012	327.7
					1300.8

11	26.52	381.7	0.321	0.007	0.0
	1766.3	34.7	0.428	0.024	300.4
	583.6	1224.8	0.444	0.019	297.3
	896.8	0.103	0.418	0.016	297.0
	8.26		0.302	0.014	309.9
10.119	9.48			0.010	321.0
					1391.6
12	26.60	381.8	0.321	0.001	0.0
	1758.3	34.7	0.384	0.022	301.0
	585.8	1227.0	0.400	0.018	296.2
	899.2	0.104	0.380	0.012	297.1
	8.23		0.290	0.001	311.9
11.119	9.49			0.010	325.7
					1442.4
13	25.00	381.7	0.315	-0.000	0.0
	1879.0	34.7	0.364	0.017	300.1
	582.7	1224.1	0.373	0.014	297.7
	896.8	0.092	0.357	0.011	297.2
	8.20		0.278	0.015	310.5
12.119	9.51			0.010	325.0
					1437.5
14	23.43	378.7	0.312	0.000	0.0
	1965.8	34.7	0.343	0.016	299.0
	584.8	1221.9	0.367	0.013	295.6
	894.5	0.081	0.345	0.013	297.7
	8.30		0.279	0.013	314.7
13.119	9.52			0.008	330.9
					1444.6
15	26.40	381.6	0.318	0.001	0.0
	1825.5	34.8	0.335	0.013	305.2
	584.2	1224.1	0.351	0.015	297.1
	902.7	0.102	0.339	0.009	297.9
	8.17		0.276	0.018	314.3
14.119	9.54			0.008	332.5
					1454.3
16	25.00	379.0	0.320	-0.004	0.0
	1868.5	34.7	0.323	0.010	302.5
	586.9	1224.3	0.340	0.029	298.0
	897.7	0.092	0.335	0.008	297.9
	8.31		0.268	0.001	318.9
15.119	9.54			0.008	337.7
					1472.5
					43
17	23.43	381.6	0.309	0.001	293.7
	2057.9	34.8	0.340	0.007	303.9
	586.9	1228.4	0.337	0.005	300.8
	894.8	0.080	0.330	0.012	301.2
	8.17		0.269	-0.001	335.1
16.119	9.47			0.003	370.2
					1467.4
18	24.98	378.6	0.333	0.000	294.7
	1869.2	34.8	0.328	0.011	310.8
	584.0	1222.3	0.340	0.003	299.1
	891.0	0.092	0.328	0.009	300.8
	8.14		0.260	0.017	340.1
17.119	9.55			0.006	381.5
					1484.0
19	26.52	381.7	0.333	-0.000	295.5
	1733.8	34.8	0.335	0.008	302.2
	584.1	1219.1	0.341	0.010	301.1
	874.7	0.104	0.323	0.009	301.7
	8.03		0.261	0.012	341.3
18.119	9.49			0.004	383.0
					1493.0
20	21.95	375.2	0.311	0.001	291.8
	2055.5	34.8	0.320	0.009	303.1
	585.7	1219.4	0.334	0.005	299.4
	878.8	0.071	0.322	0.009	301.3
	8.14		0.264	0.011	341.0
19.119	9.57			0.004	385.2
					1463.4
21	25.11	372.3	0.312	-0.002	0.0
	1830.3	34.0	0.315	0.011	307.7
	587.2	1217.5	0.335	0.006	302.2
	884.0	0.093	0.327	0.009	301.9
	8.22		0.263	-0.004	342.1
20.119	9.51			0.005	384.5
					1471.1
22	25.03	378.7	0.322	-0.009	0.0
	1785.2	34.8	0.333	0.010	307.0
	585.3	1220.8	0.312	0.005	299.5
	882.3	0.092	0.327	0.006	301.8
	8.22		0.257	0.005	340.6
21.119	9.59			0.003	381.3
					1457.5

PROBE OUT

MODEL IN

					43
23	23.37	375.2	0.317	-0.002	0.0
	2092.5	34.8	0.322	0.008	306.4
	584.1	1222.8	0.320	0.017	298.9
	896.8	0.080	0.331	0.017	300.6
	8.08		0.264	0.007	339.8
22.119	9.45			0.003	378.6
					1456.3
24	23.36	378.7	0.308	-0.005	0.0
	2044.4	34.8	0.313	0.008	303.1
	584.6	1221.8	0.333	0.002	302.9
	898.6	0.080	0.327	0.001	300.6
	8.24		0.269	0.003	339.9
23.119	9.44			0.004	375.9
					1457.3
25	23.59	378.8	0.327	-0.001	0.0
	2045.1	34.8	0.335	0.001	302.8
	583.8	1225.0	0.311	0.005	301.1
	896.5	0.082	0.323	0.003	301.1
	8.21		0.265	-0.001	334.7
24.119	9.37			0.003	368.7
					1457.7
26	21.79	375.5	0.322	-0.002	0.0
	2208.5	34.8	0.311	0.007	307.5
	583.6	1216.9	0.333	0.004	299.5
	897.1	0.070	0.326	0.002	299.1
	8.09		0.260	0.000	335.1
25.119	9.53			0.005	366.1
					1469.1
27	24.10	368.8	0.319	-0.007	0.0
	1996.8	33.2	0.314	0.004	313.7
	581.7	1219.2	0.333	0.011	295.8
	885.2	0.086	0.327	0.004	298.4
	8.06		0.269	-0.005	329.8
26.119	9.61			0.005	354.7
					1449.3
28	21.78	375.2	0.324	-0.001	0.0
	2187.0	34.2	0.311	0.007	314.0
	581.4	1223.1	0.321	0.004	300.1
	900.9	0.070	0.337	0.013	299.9
	8.20		0.262	0.007	330.8
27.119	9.47			0.002	359.5
					1424.9
					43
29	23.30	369.2	0.308	-0.004	0.0
	2007.5	33.8	0.316	0.008	308.7
	582.4	1214.7	0.337	0.004	298.5
	899.1	0.080	0.326	-0.001	298.1
	8.24		0.263	0.007	329.5
28.119	9.53			0.001	354.5
					1407.3
30	25.16	378.9	0.316	-0.001	0.0
	1795.8	34.8	0.337	0.005	312.8
	581.8	1221.9	0.338	0.009	301.0
	885.8	0.093	0.326	0.005	299.8
	8.13		0.271	0.008	326.5
29.119	9.60			0.004	349.9
					1426.1
31	23.59	378.4	0.318	-0.002	0.0
	2012.9	33.3	0.326	0.005	314.5
	578.1	1218.4	0.329	0.004	299.9
	904.4	0.082	0.333	0.001	298.4
	8.22		0.267	0.007	328.0
30.119	9.43			0.004	350.6
					1437.2
32	20.09	375.5	0.323	-0.005	0.0
	2328.1	34.8	0.326	0.008	312.2
	579.6	1218.1	0.342	0.006	297.0
	899.7	0.060	0.328	0.003	299.1
	8.13		0.267	0.021	326.3
31.119	9.58			0.003	349.8
					1450.1
33	26.17	379.0	0.321	-0.002	0.0
	1708.6	33.8	0.320	0.003	309.9
	578.6	1213.3	0.329	-0.000	298.7
	884.3	0.101	0.330	0.004	297.0
	8.17		0.267	-0.005	321.3
32.119	9.50			0.003	343.9
					1453.2
34	24.85	375.9	0.324	0.013	0.0
	1912.7	34.3	0.322	0.007	314.6
	582.0	1215.5	0.336	0.003	297.8
	904.4	0.091	0.334	0.005	297.5
	8.18		0.270	0.005	322.7
33.119	9.58			0.003	341.3
					1451.4

					43
35	26.55	378.8	0.323	0.001	0.0
	1737.2	33.8	0.315	0.004	322.9
	582.8	1216.4	0.335	0.004	298.7
	893.1	0.104	0.326	0.002	298.4
	8.25		0.271	0.002	320.5
34.119	9.49			0.004	336.9
					1451.8
36	24.96	378.6	0.312	0.003	0.0
	1917.7	33.8	0.316	0.005	321.0
	564.4	1220.4	0.337	0.004	297.9
	907.9	0.092	0.329	0.007	297.4
	8.25		0.270	0.010	316.6
35.119	9.56			0.003	333.0
					1458.7
37	24.84	378.9	0.324	0.001	0.0
	1789.4	34.8	0.330	0.005	322.6
	578.1	1214.5	0.332	0.004	298.5
	886.7	0.091	0.334	0.006	297.2
	8.30		0.269	0.004	316.8
36.119	9.41			0.004	331.0
					1458.3
38	26.57	378.8	0.339	-0.003	0.0
	1736.8	34.8	0.324	0.005	325.4
	577.1	1213.8	0.342	-0.020	295.3
	900.6	0.105	0.328	-0.005	296.7
	8.25		0.268	0.007	314.1
37.119	9.47			0.006	326.9
					1471.0
39	24.95	380.9	0.323	-0.002	0.0
	1845.6	34.5	0.318	0.009	323.3
	577.8	1213.8	0.331	0.005	297.5
	897.1	0.092	0.329	0.009	296.0
	8.22		0.269	0.004	310.2
38.119	9.47			0.004	317.1
					1472.0
40	26.47	382.1	0.319	-0.002	0.0
	1662.9	34.8	0.318	0.007	319.3
	577.9	1214.7	0.339	-0.000	299.2
	888.4	0.104	0.329	0.011	296.4
	8.24		0.269	0.002	311.8
39.119	9.55			0.002	319.2
					1469.9
					43
41	25.17	382.1	0.336	-0.001	0.0
	1859.9	34.9	0.335	0.005	336.0
	576.3	1211.3	0.337	0.003	297.6
	903.5	0.094	0.324	0.005	296.4
	8.17		0.267	0.005	311.7
40.119	9.56			0.002	318.4
					1488.0
42	21.55	381.2	0.328	-0.001	0.0
	2166.2	34.3	0.326	0.006	339.1
	579.4	1213.0	0.340	0.004	298.1
	903.8	0.069	0.326	0.005	296.3
	8.22		0.270	0.009	311.3
41.119	9.55			0.003	314.9
					1483.1
43	26.23	382.4	0.334	0.004	0.0
	1791.2	33.8	0.322	0.008	341.3
	578.7	1213.3	0.345	0.009	296.8
	903.8	0.102	0.329	0.002	295.4
	8.24		0.271	0.000	309.9
42.119	9.47			0.006	313.5
					1492.9
44	26.40	382.6	0.322	0.003	0.0
	1830.5	34.9	0.327	0.001	344.6
	579.6	1213.8	0.331	0.006	299.0
	911.7	0.103	0.330	0.006	296.0
	8.24		0.266	0.015	309.0
43.119	9.47			0.003	312.1
					1492.3
45	24.85	379.4	0.335	0.000	0.0
	1909.2	34.9	0.325	0.007	347.2
	577.2	1215.0	0.339	0.007	296.3
	912.0	0.091	0.329	0.007	295.9
	8.21		0.268	-0.001	311.9
44.119	9.55			0.006	312.2
					1465.5
46	26.48	382.6	0.338	0.003	0.0
	1714.7	34.9	0.325	0.009	349.6
	578.2	1215.2	0.340	0.003	299.1
	897.7	0.104	0.336	0.007	295.6
	8.24		0.267	0.011	309.3
45.119	9.55			0.005	308.1
					1469.9

					43
47	26.47	383.0	0.336	-0.002	0.0
	1805.7	34.9	0.331	0.006	344.1
	576.6	1214.2	0.338	0.006	299.1
	916.6	0.104	0.335	0.006	295.4
	8.23		0.272	0.011	308.8
46.119	9.55			0.005	307.1
					1452.9
48	26.43	382.8	0.326	-0.002	0.0
	1763.8	34.9	0.329	0.005	351.1
	575.1	1215.7	0.338	0.004	299.5
	912.0	0.103	0.335	0.005	295.4
	8.29		0.272	0.006	309.9
47.119	9.57			0.006	307.3
					1448.3
49	26.41	382.6	0.335	0.001	0.0
	1777.6	34.9	0.333	0.005	356.6
	572.8	1214.2	0.345	0.003	299.7
	916.3	0.103	0.336	0.005	294.5
	8.20		0.270	0.008	310.2
48.119	9.58			0.003	305.6
					1457.4
50	26.46	382.6	0.336	0.000	0.0
	1769.1	34.9	0.335	0.007	359.6
	572.8	1213.8	0.344	0.005	300.0
	916.3	0.104	0.336	0.007	295.2
	8.22		0.268	0.007	310.8
49.119	9.58			0.005	305.3
					1462.2
51	26.52	382.7	0.327	0.002	0.0
	1751.0	34.9	0.337	0.007	362.1
	576.2	1214.3	0.339	0.007	300.2
	916.0	0.104	0.334	0.006	295.2
	8.32		0.271	0.015	311.6
50.119	9.59			0.005	304.1
					1467.4
52	26.39	382.8	0.330	0.001	0.0
	1762.3	34.9	0.336	0.006	364.6
	577.9	1212.5	0.345	0.004	300.7
	910.2	0.103	0.334	0.006	295.2
	8.26		0.271	0.021	311.9
51.119	9.59			0.005	303.0
					1439.4
53	26.74	383.2	0.330	0.000	0.0
	1764.6	34.9	0.339	0.006	366.8
	579.4	1214.0	0.343	0.004	300.9
	912.3	0.106	0.336	0.006	295.1
	8.25		0.271	0.009	314.5
52.119	9.59			0.006	301.8
					1419.7
54	26.48	383.0	0.338	0.001	0.0
	1817.9	35.0	0.332	0.007	369.2
	580.8	1215.2	0.344	0.010	301.5
	912.5	0.104	0.335	0.005	295.0
	8.20		0.270	0.003	312.7
53.119	9.58			0.005	301.8
					1286.7
55	25.02	383.1	0.340	0.003	0.0
	1933.3	35.0	0.333	0.006	368.9
	580.2	1214.0	0.342	0.007	302.1
	916.6	0.093	0.337	0.008	295.0
	8.22		0.276	0.013	313.7
54.119	9.59			0.003	301.1
					1349.7
56	25.27	383.2	0.339	-0.001	0.0
	1829.1	35.0	0.338	0.005	373.8
	577.3	1215.7	0.346	0.010	302.4
	910.8	0.094	0.339	0.003	294.9
	8.30		0.272	0.004	313.2
55.119	9.58			0.005	302.2
					1353.2
57	25.35	383.2	0.338	-0.000	0.0
	1878.2	35.0	0.338	0.004	374.5
	576.9	1217.7	0.346	0.004	303.5
	914.9	0.095	0.341	0.006	294.9
	8.19		0.271	0.009	314.2
56.119	9.59			0.004	300.8
					1340.2
58	26.53	383.2	0.340	0.003	0.0
	1739.9	35.0	0.338	0.007	376.8
	576.4	1215.3	0.353	0.006	304.5
	907.6	0.104	0.341	0.006	294.9
	8.21		0.268	0.005	315.7
57.119	9.61			0.005	300.4
					1383.2

					43
59	26.64	383.5	0.341	-0.001	0.0
	1739.6	35.0	0.343	0.008	374.8
	578.8	1220.1	0.348	0.004	305.7
	906.4	0.105	0.337	0.006	294.9
	8.22		0.269	0.010	316.2
58.119	9.62			0.004	301.2
					1486.3
60	26.50	383.4	0.345	0.003	0.0
	1765.7	35.0	0.342	0.005	371.6
	578.0	1217.5	0.347	0.005	306.9
	909.3	0.104	0.341	0.007	294.8
	8.19		0.269	0.010	318.3
59.119	9.63			0.004	299.9
					1514.6
61	26.41	383.5	0.328	0.004	0.0
	1734.2	34.9	0.341	0.006	375.9
	579.2	1214.7	0.345	0.007	307.2
	907.6	0.103	0.338	0.005	294.8
	8.29		0.280	-0.001	317.4
60.119	9.64			0.004	298.2
					1604.9
62	26.82	383.5	0.340	-0.000	0.0
	1747.2	35.0	0.344	0.006	376.8
	578.0	1216.0	0.347	0.005	310.0
	914.9	0.106	0.335	0.007	294.7
	8.27		0.270	0.005	319.4
61.119	9.63			0.004	298.1
					1614.0
63	26.53	383.7	0.345	0.001	0.0
	1770.6	35.0	0.348	0.005	377.9
	579.7	1215.0	0.345	0.007	311.5
	913.1	0.104	0.339	0.011	294.8
	8.26		0.269	0.005	319.7
62.119	9.64			0.004	298.6
					1626.2
64	26.45	383.8	0.344	-0.002	0.0
	1770.8	35.1	0.349	0.006	379.9
	579.0	1218.2	0.350	0.004	312.0
	914.6	0.103	0.344	0.005	294.7
	8.27		0.270	-0.000	319.6
63.119	9.64			0.005	297.3
					1623.2
65	26.71	383.9	0.345	-0.000	0.0
	1771.3	35.1	0.346	0.006	380.5
	577.5	1221.4	0.342	0.010	314.8
	914.0	0.105	0.341	0.005	294.2
	8.18		0.268	-0.001	320.7
64.119	9.65			0.005	298.1
					1614.1
66	26.74	383.9	0.337	0.011	1353.4
	1767.1	35.1	0.349	0.004	384.5
	576.2	1218.9	0.343	0.005	316.3
	918.1	0.105	0.340	0.006	294.7
	8.21		0.263	-0.007	322.4
65.119	9.65			0.005	295.4
					1617.8
67	24.94	384.1	0.347	-0.001	0.0
	1883.0	35.1	0.348	0.008	388.2
	578.2	1218.6	0.344	0.005	318.1
	916.0	0.092	0.331	0.007	294.7
	8.25		0.268	0.012	323.4
66.119	9.66			0.005	300.0
					1621.0
68	26.51	384.1	0.339	0.000	0.0
	1794.7	35.1	0.350	0.005	390.6
	580.2	1218.7	0.350	0.006	319.7
	914.0	0.104	0.334	0.006	294.7
	8.20		0.262	0.005	324.8
67.119	9.66			0.005	299.0
					1607.6
69	26.53	384.2	0.338	0.003	1015.2
	1797.7	35.1	0.341	0.004	391.5
	581.9	1220.3	0.344	0.005	320.0
	914.9	0.104	0.335	0.007	294.7
	8.24		0.266	0.002	325.5
68.119	9.66			0.004	299.7
					1579.7
70	26.48	384.0	0.337	-0.003	0.0
	1763.7	35.0	0.353	0.007	399.2
	581.6	1220.4	0.342	0.005	323.3
	907.9	0.103	0.345	0.004	294.7
	8.24		0.264	-0.006	329.2
69.119	9.66			0.003	299.4
					1557.8

					43
71	26.64	384.3	0.328	0.001	0.0
	1747.0	35.0	0.351	0.005	404.1
	582.1	1224.7	0.344	0.005	325.0
	903.2	0.104	0.339	0.005	294.7
	8.19		0.268	0.010	328.0
70.119	9.66			0.005	301.8
					1534.6
72	26.55	384.3	0.342	0.001	0.0
	1759.0	35.1	0.347	0.008	409.5
	581.6	1217.2	0.345	0.006	326.7
	909.3	0.104	0.335	0.006	294.8
	8.26		0.267	0.024	329.5
71.119	9.66			0.004	300.5
					1526.7
73	26.69	384.6	0.337	-0.001	0.0
	1718.3	35.1	0.348	0.007	415.4
	575.6	1224.7	0.349	0.007	328.3
	914.0	0.105	0.337	0.008	294.7
	8.27		0.264	-0.005	329.9
72.119	9.66			0.005	299.7
					1530.9
74	26.79	384.7	0.340	-0.002	0.0
	1670.1	35.1	0.349	0.006	422.5
	575.8	1223.1	0.340	0.006	330.2
	909.1	0.105	0.338	0.007	294.1
	8.30		0.270	-0.002	332.3
73.119	9.69			0.005	300.1
					1725.4
75	26.60	384.7	0.342	-0.000	0.0
	1748.5	35.1	0.346	0.006	429.9
	577.3	1221.4	0.347	0.006	332.1
	914.3	0.104	0.335	0.005	294.7
	8.21		0.265	0.000	332.0
74.119	9.70			0.004	300.4
					1542.9
76	26.70	384.6	0.346	0.001	690.6
	1731.4	35.1	0.345	0.007	438.0
	572.7	1220.3	0.341	0.005	333.7
	918.1	0.105	0.340	0.006	294.8
	8.18		0.262	0.000	334.1
75.119	9.72			0.004	301.0
					1527.6

					43
77	26.88	384.8	0.342	0.001	0.0
	1637.7	35.1	0.349	0.007	444.3
	569.6	1221.3	0.344	0.005	335.2
	912.0	0.106	0.338	0.007	294.7
	8.25		0.263	0.009	335.4
76.119	9.72			0.004	301.0
					1532.3
78	26.94	384.9	0.345	0.001	0.0
	1652.0	35.1	0.346	0.006	456.4
	569.6	1221.3	0.345	0.004	335.4
	919.0	0.104	0.336	0.007	294.2
	8.36		0.269	-0.006	337.1
77.119	9.72			0.004	302.2
					1530.1
79	26.97	384.9	0.340	0.001	0.0
	1678.1	35.1	0.345	0.006	466.7
	573.7	1219.2	0.339	0.004	338.6
	918.1	0.107	0.338	0.006	294.8
	8.30		0.264	0.025	338.8
78.119	9.72			0.004	302.8
					1531.9
80	26.65	382.0	0.340	0.002	0.0
	1789.9	35.2	0.345	0.006	475.8
	583.6	1220.8	0.345	0.008	340.2
	912.3	0.105	0.330	0.008	294.7
	8.18		0.267	0.011	339.8
79.119	9.73			0.004	303.4
					1553.3
81	26.66	385.0	0.348	0.008	0.0
	1750.1	35.2	0.351	0.009	486.9
	585.7	1221.3	0.343	0.004	341.7
	909.3	0.105	0.336	0.007	294.7
	8.31		0.268	-0.001	340.7
80.119	9.71			0.005	300.7
					1571.4
82	26.62	385.3	0.343	-0.002	0.0
	1781.6	35.2	0.347	0.003	496.6
	586.5	1223.3	0.344	0.003	343.2
	908.8	0.104	0.337	0.005	294.8
	8.24		0.266	-0.001	341.5
81.119	9.71			0.004	301.9
					1597.0

					43
83	26.66	384.9	0.349	-0.000	0.0
	1793.7	35.2	0.349	0.007	506.7
	586.4	1221.3	0.341	0.009	343.2
	908.5	0.105	0.334	0.006	294.8
	8.21		0.265	-0.007	343.8
82.119	9.69			0.004	302.5
					1610.3
84	26.61	385.5	0.342	0.001	0.0
	1787.4	35.2	0.332	0.005	517.5
	586.6	1222.3	0.337	0.006	345.7
	910.2	0.104	0.338	0.004	294.7
	8.27		0.267	-0.006	345.1
83.119	9.69			0.004	303.0
					1613.6
85	26.64	385.9	0.342	0.000	0.0
	1796.4	35.2	0.347	0.005	529.3
	586.7	1219.7	0.338	0.005	345.6
	909.9	0.105	0.338	0.006	294.7
	8.23		0.268	-0.002	346.0
84.119	9.70			0.004	303.6
					1638.2
86	26.66	385.9	0.343	0.004	0.0
	1786.2	35.2	0.346	0.002	542.4
	586.7	1216.7	0.337	0.006	348.3
	907.9	0.105	0.343	0.006	294.0
	8.21		0.267	-0.001	348.5
85.119	9.72			0.004	303.0
					1630.6
87	26.66	386.7	0.349	0.002	0.0
	1828.4	35.2	0.336	0.009	555.9
	587.9	1222.1	0.344	0.003	349.7
	914.3	0.105	0.336	0.005	294.7
	8.19		0.264	0.001	353.2
86.119	9.74			0.004	301.2
					1668.4
88	26.62	386.0	0.344	-0.000	0.0
	1780.2	35.2	0.346	0.006	566.4
	586.7	1217.7	0.341	0.008	350.9
	907.0	0.105	0.338	0.005	294.7
	8.19		0.268	0.003	354.2
87.119	9.75			0.004	302.4
					1666.5

					43
89	26.88	386.0	0.339	0.005	0.0
	1810.4	35.3	0.339	0.013	585.1
	586.7	1216.2	0.346	0.006	352.2
	916.0	0.107	0.338	0.006	296.7
	8.17		0.267	0.014	360.7
88.119	9.77			0.005	305.1
					1681.3
90	26.77	386.0	0.342	-0.001	0.0
	1793.2	35.2	0.340	0.005	602.3
	586.6	1216.0	0.338	0.008	353.4
	913.7	0.106	0.336	0.012	294.7
	8.19		0.268	0.005	364.1
89.119	9.79			0.005	303.3
					1695.8
91	26.65	385.9	0.347	0.001	0.0
	1769.5	35.2	0.339	0.004	622.0
	586.5	1216.0	0.339	0.005	354.8
	910.5	0.105	0.335	0.004	294.7
	8.21		0.268	0.008	367.9
90.119	9.81			0.004	303.3
					1714.0
92	26.47	384.6	0.344	-0.001	0.0
	1728.0	35.2	0.343	0.007	645.7
	586.7	1214.7	0.344	0.004	356.2
	909.1	0.104	0.339	0.005	294.7
	8.32		0.267	0.001	371.9
91.119	9.82			0.005	302.1
					1707.4
93	26.65	386.1	0.341	0.004	0.0
	1742.4	35.2	0.341	0.004	668.6
	586.4	1216.0	0.339	0.002	357.6
	910.2	0.105	0.347	0.004	294.8
	8.25		0.266	-0.000	376.5
92.119	9.84			0.004	303.4
					1705.8
94	26.74	382.7	0.345	0.003	0.0
	1728.6	35.3	0.341	0.006	693.8
	586.5	1218.9	0.338	0.004	358.9
	909.6	0.105	0.342	0.005	294.8
	8.26		0.269	0.008	380.0
93.119	9.85			0.004	303.8
					1709.0

					43
95	26.48	386.7	0.350	0.004	0.0
	1804.9	35.3	0.344	0.004	721.3
	586.2	1215.2	0.337	0.004	360.2
	911.4	0.104	0.340	0.005	293.5
	8.12		0.272	0.005	383.5
4.119	9.85			0.004	303.6
					1730.0
96	26.57	386.5	0.343	0.004	0.0
	1741.7	35.3	0.342	0.005	755.8
	586.5	1218.2	0.341	0.004	361.4
	906.1	0.104	0.338	0.004	294.8
	8.19		0.266	0.008	385.2
95.119	9.87			0.004	303.7
					1724.3
97	26.61	386.7	0.348	0.004	0.0
	1740.4	35.3	0.341	0.009	803.0
	586.3	1217.0	0.338	0.006	362.5
	909.6	0.105	0.339	0.014	294.8
	8.23		0.271	0.009	387.1
96.119	9.86			0.004	303.9
					1679.9
98	26.61	387.0	0.343	0.002	0.0
	1751.4	35.3	0.339	0.005	861.2
	586.3	1217.5	0.340	0.003	363.6
	912.5	0.105	0.340	0.006	294.8
	8.23		0.266	0.001	388.7
97.119	9.88			0.004	303.1
					1648.7
99	26.72	383.7	0.350	-0.000	0.0
	1743.7	35.3	0.342	0.007	959.1
	587.0	1217.2	0.342	0.002	364.4
	909.3	0.105	0.340	0.004	294.8
	8.21		0.268	0.004	390.0
98.119	9.87			0.004	304.1
					1639.3
100	26.60	387.0	0.348	0.002	0.0
	1737.7	35.3	0.340	0.003	1080.0
	586.3	1216.4	0.341	0.004	365.3
	911.4	0.105	0.340	0.004	294.9
	8.26		0.270	0.015	392.9
99.119	9.88			0.004	303.7
					1635.3

					43
101	26.79	383.5	0.349	-0.001	0.0
	1781.6	35.3	0.343	0.003	1251.1
	586.0	1217.9	0.340	0.006	366.1
	913.4	0.106	0.341	0.004	294.9
	8.13		0.272	0.002	397.1
100.119	9.88			0.004	303.0
					1634.2
102	26.66	387.0	0.345	0.005	0.0
	1703.3	35.3	0.344	0.005	1350.5
	586.3	1216.7	0.349	0.004	366.7
	906.7	0.105	0.340	0.003	294.9
	8.26		0.273	0.011	402.7
101.119	9.89			0.005	303.4
					1625.0
103	26.55	385.3	0.347	0.002	0.0
	1714.6	35.3	0.341	0.002	1483.3
	586.3	1216.4	0.340	0.003	367.2
	907.3	0.104	0.336	0.007	294.9
	8.25		0.269	0.015	410.8
102.119	9.90			0.005	304.3
					1629.0
104	26.71	383.7	0.343	-0.008	0.0
	1767.6	35.3	0.339	0.007	9999.9
	586.3	1216.0	0.348	0.010	367.9
	915.5	0.105	0.340	0.006	294.9
	8.19		0.270	0.005	419.4
103.119	9.91			0.005	302.7
					1637.2
105	26.39	387.1	0.344	-0.001	0.0
	1773.4	35.3	0.344	0.003	9999.9
	586.1	1212.3	0.344	-0.000	368.4
	913.1	0.103	0.340	0.004	294.2
	8.19		0.269	0.001	429.3
104.119	9.91			0.005	304.1
					1634.5
106	26.63	385.6	0.348	0.004	0.0
	1780.2	35.3	0.344	0.006	9999.9
	586.5	1214.2	0.346	0.004	368.9
	912.0	0.105	0.340	0.004	295.0
	8.13		0.269	0.004	441.2
5.119	9.91			0.005	304.2
					1655.6

					43
107	26.48	387.2	0.350	0.015	0.0
	1757.9	35.4	0.342	0.006	9999.9
	586.3	1210.3	0.345	0.005	369.3
	914.0	0.104	0.344	0.004	294.9
	8.22		0.270	0.000	455.4
106.119	9.92			0.005	304.9
					1672.3
108	26.61	387.7	0.348	0.001	0.0
	1708.1	35.4	0.347	0.005	9999.9
	586.5	1212.1	0.352	0.004	369.9
	907.6	0.105	0.342	0.005	294.9
	8.25		0.270	0.001	468.7
107.119	9.91			0.005	304.7
					1673.5
109	26.40	387.7	0.349	0.003	0.0
	1750.6	35.4	0.346	0.009	9999.9
	586.5	1213.5	0.347	0.008	370.8
	911.4	0.103	0.342	0.005	295.0
	8.24		0.266	0.006	483.3
108.119	9.91			0.005	304.7
					1664.1
110	26.50	387.5	0.346	0.001	0.0
	1754.4	35.4	0.347	0.006	9999.9
	586.4	1212.6	0.344	0.007	370.4
	914.3	0.104	0.343	0.007	295.0
	8.25		0.271	0.012	497.8
109.119	9.90			0.005	305.4
					1634.7
111	26.45	387.7	0.343	0.000	0.0
	1775.9	35.4	0.336	0.004	9999.9
	586.5	1213.1	0.346	0.006	372.8
	912.8	0.104	0.340	0.006	295.0
	8.18		0.265	-0.012	514.0
110.119	9.91			0.005	304.3
					1619.7
112	26.35	387.9	0.342	0.001	0.0
	1753.5	35.4	0.344	0.005	9999.9
	586.4	1213.7	0.347	0.006	377.5
	909.6	0.103	0.340	0.006	295.0
	8.22		0.268	0.003	530.4
111.119	9.90			0.005	305.1
					1583.4

					43
113	26.44	384.5	0.347	0.002	0.0
	1735.9	35.4	0.342	0.005	9999.9
	586.4	1211.8	0.348	0.006	381.5
	913.7	0.104	0.345	0.003	295.1
	8.30		0.269	0.012	549.5
112.119	9.90			0.005	306.5
					1563.3
114	26.43	387.9	0.347	0.000	0.0
	1786.6	35.4	0.347	0.008	9999.9
	586.5	1211.1	0.351	0.005	386.1
	913.4	0.104	0.340	0.007	295.2
	8.16		0.272	0.002	565.9
113.119	9.91			0.005	306.2
					1559.8

ARC POWER OFF

MODEL 23

2-MW PJ FACILITY CONCRETE SAMPLE TEST NO 188 - RUN NO. 44

POINT NO / TIME SEC	FAC. OPERATING PARAMETERS: GAS FLO-G/S; ENTHALPY-CAL/G; CURRENT-AMPS; VOLTS; WATER FLO-L/S; WATER DT-DEG K	FAC. OPERATING PARAMETERS: PRES-N/CM2	PROBE 1: PRESS N/CM2	PROBE 1: HEAT IFLUX KW/CM2	MODEL TEMP DEG K
		HEATER MANI	1	1	TC-1
		ARC CHAMB	2	2	TC-2
		VENTURI	3	3	TC-3
		VENTURI DP	4	4	TC-4
			5	5	TC-5
				6	TC-6
					TC-7
					PYROM
1	28.94	406.6	0.000	0.006	300.5
	2309.1	36.5	0.000	0.303	296.0
	584.2	1241.1	0.000	0.349	294.2
	1025.4	0.121	0.000	0.282	294.3
	8.14		0.000	0.253	304.1
0.1 16	9.39			0.044	301.0
					0.0
2	30.44	406.7	0.016	0.003	301.5
	2166.2	36.4	-0.001	0.297	296.0
	584.4	1246.0	-0.001	0.349	294.3
	1025.4	0.134	0.008	0.290	294.2
	8.21		-0.017	0.277	299.7
1.119	9.41			0.044	301.1
					0.0
3	29.96	406.5	0.016	0.007	298.0
	2192.4	36.4	0.003	0.305	295.8
	584.3	1244.1	-0.003	0.340	294.2
	1025.2	0.130	0.007	0.284	294.1
	8.19		-0.018	0.254	299.4
2.119	9.46			0.043	302.2
					0.0
4	29.27	406.5	0.068	0.006	303.0
	2213.8	36.4	0.368	0.292	296.1
	584.6	1242.3	0.852	0.324	294.4
	1023.9	0.124	0.707	0.287	294.1
	8.27		0.125	0.258	299.2
3.119	9.47			0.044	301.8
					0.0
					44
5	30.44	406.6	0.118	0.005	303.7
	2151.1	36.5	0.903	0.311	296.0
	584.2	1241.8	2.103	0.345	294.3
	1027.7	0.134	1.815	0.288	294.1
	8.23		0.287	0.263	299.2
4.119	9.49			0.042	301.6
					0.0
6	29.67	406.8	0.139	0.007	301.1
	2188.9	36.4	1.038	0.307	296.1
	584.2	1241.1	2.193	0.309	294.3
	1023.2	0.127	1.920	0.289	294.1
	8.21		0.354	0.258	299.3
5.119	9.50			0.041	301.4
					0.0
7	30.14	407.0	0.156	0.005	305.1
	2157.0	36.4	1.097	0.301	296.1
	584.2	1237.7	2.200	0.342	294.2
	1025.9	0.132	1.932	0.290	294.1
	8.22		0.397	0.241	299.5
6.119	9.53			0.043	300.7
					0.0
8	29.84	406.6	0.168	-0.003	306.0
	2161.9	36.5	1.111	0.299	296.5
	583.4	1238.0	2.203	0.346	294.3
	1026.7	0.129	1.931	0.293	294.1
	8.25		0.429	0.251	299.7
7.119	9.54			0.041	301.7
					0.0
9	29.78	406.8	0.186	0.004	307.0
	2149.9	36.4	1.118	0.287	296.6
	583.2	1237.7	2.199	0.332	294.3
	1026.2	0.129	1.933	0.292	294.1
	8.27		0.446	0.251	300.1
8.119	9.56			0.041	300.7
					0.0
10	28.89	406.8	0.188	0.005	304.5
	2244.0	36.5	1.119	0.296	297.1
	583.0	1236.5	2.205	0.328	294.3
	1026.4	0.121	1.932	0.288	294.1
	8.17		0.458	0.253	300.4
9.119	9.58			0.041	300.1
					0.0

					44
11	27.71	407.0	0.196	0.006	308.4
	2322.1	36.5	1.117	0.300	297.1
	583.0	1236.3	2.209	0.346	292.7
	1029.7	0.112	1.938	0.292	294.0
	8.26		0.468	0.277	300.2
10.119	9.59			0.043	301.4
					0.0
12	28.61	407.1	0.202	0.006	309.2
	2266.3	36.5	1.115	0.298	297.4
	583.1	1235.0	2.213	0.344	294.3
	1030.9	0.119	1.938	0.292	294.1
	8.22		0.473	0.254	300.2
11.119	9.60			0.043	301.9
					0.0
13	30.11	407.1	0.203	0.007	307.0
	2164.2	36.5	1.117	0.303	297.6
	583.1	1235.2	2.213	0.341	294.3
	1028.9	0.132	1.938	0.286	294.1
	8.15		0.476	0.259	299.9
12.119	9.61			0.039	302.0
					0.0
14	30.30	406.8	0.209	-0.001	310.4
	2142.7	36.5	1.118	0.288	297.7
	583.3	1234.3	2.212	0.283	294.3
	1026.4	0.134	1.942	0.270	294.0
	8.14		0.479	0.233	297.7
13.119	9.61			0.094	297.7
					0.0 PROBE OUT
15	29.64	407.3	0.204	-0.003	311.1 MODEL IN
	2170.9	36.0	1.124	0.038	298.0
	583.0	1233.8	2.193	0.076	296.3
	1026.7	0.128	1.920	0.040	294.1
	8.19		0.479	0.032	300.4
14.119	9.61			-0.004	299.9
					0.0
16	30.03	407.4	0.327	0.005	312.0
	2101.2	36.5	0.829	0.035	297.9
	583.0	1233.0	1.090	0.036	296.1
	1028.9	0.131	0.991	0.033	293.9
	8.31		0.410	0.047	298.9
15.119	9.61			-0.021	296.8
					0.0
					44
17	29.90	407.4	0.336	0.004	315.8
	2152.9	36.6	0.603	0.027	302.5
	582.9	1235.0	0.687	0.062	297.1
	1028.9	0.130	0.651	0.034	296.4
	8.18		0.356	0.019	316.9
16.119	9.66			-0.022	355.0
					0.0
18	30.01	407.5	0.332	0.007	318.4
	2127.7	36.0	0.494	0.044	303.6
	583.6	1231.1	0.528	0.059	297.7
	1028.2	0.131	0.509	0.031	296.7
	8.23		0.323	0.043	319.3
17.119	9.68			-0.019	368.7
					1326.8
19	28.01	407.5	0.334	-0.004	324.9
	2290.0	36.6	0.428	0.028	303.6
	582.9	1229.2	0.446	0.047	296.0
	1027.7	0.115	0.437	0.022	296.4
	8.17		0.299	0.014	317.4
18.119	9.68			-0.021	362.2
					1379.5
20	28.05	407.6	0.332	0.014	337.2
	2296.5	36.6	0.391	0.019	300.7
	584.6	1228.4	0.404	0.059	297.5
	1029.4	0.115	0.399	0.034	296.4
	8.21		0.284	0.019	317.7
19.119	9.68			-0.023	362.1
					1424.1
21	29.34	404.2	0.333	0.006	346.6
	2113.7	36.6	0.370	0.025	298.0
	584.2	1226.2	0.379	0.055	296.5
	1016.4	0.126	0.376	0.023	296.7
	8.25		0.273	0.020	319.6
20.119	9.70			-0.027	374.0
					1442.9
22	29.14	407.6	0.327	-0.001	358.6
	2170.9	36.6	0.352	0.017	299.5
	582.8	1226.3	0.365	0.055	298.5
	1023.4	0.124	0.362	0.023	297.2
	8.19		0.271	0.033	325.2
21.119	9.69			-0.025	389.9
					1476.2

					44
23	27.96	407.6	0.330	0.005	371.9
	2269.7	36.1	0.345	0.014	303.0
	584.6	1224.5	0.342	0.052	300.8
	1022.2	0.115	0.351	0.019	299.3
	8.19		0.267	0.012	339.5
22.119	9.70			-0.024	463.1
					1519.5
24	28.40	397.3	0.320	-0.007	390.1
	2262.8	36.1	0.322	0.011	309.0
	586.9	1221.3	0.337	0.042	303.9
	1018.4	0.119	0.347	0.011	303.6
	8.23		0.264	0.009	373.7
23.119	9.56			-0.028	618.6
					1459.9
25	29.22	400.6	0.322	0.006	398.7
	2141.6	35.5	0.321	0.014	305.5
	584.2	1220.4	0.332	0.044	302.2
	1013.7	0.126	0.344	0.020	302.9
	8.20		0.260	0.009	373.0
24.119	9.64			-0.031	619.6
					1484.0
26	25.42	406.3	0.319	-0.014	414.5
	2565.4	36.1	0.332	0.015	308.1
	586.8	1224.1	0.341	0.039	299.7
	1016.4	0.095	0.341	0.009	303.8
	8.08		0.264	0.001	373.4
25.119	9.58			-0.027	619.4
					1501.3
27	26.34	407.8	0.330	-0.002	413.1
	2431.6	36.1	0.327	0.012	308.4
	585.4	1218.2	0.332	0.049	303.3
	1015.4	0.102	0.342	0.017	303.2
	8.23		0.269	0.003	369.5
26.119	9.49			-0.030	601.5
					1511.6
28	28.47	400.8	0.323	0.002	420.3
	2253.2	36.1	0.314	0.008	306.4
	585.4	1218.7	0.338	0.029	302.2
	1015.7	0.120	0.337	0.012	300.6
	8.15		0.262	0.012	361.6
27.119	9.57			-0.031	570.2
					1533.1

					44
29	27.55	401.5	0.314	0.002	410.3
	2354.2	35.0	0.320	0.012	309.0
	589.4	1217.7	0.344	0.045	301.6
	1023.9	0.112	0.336	0.018	300.4
	8.24		0.266	0.000	357.3
28.119	9.64			-0.029	548.2
					1511.3
30	23.45	404.5	0.323	0.000	413.4
	2711.8	36.2	0.323	0.012	309.3
	586.0	1217.5	0.346	0.037	300.7
	1022.4	0.081	0.340	0.011	299.7
	8.19		0.264	0.018	352.0
29.119	9.73			-0.037	519.7
					1440.6
31	24.69	404.4	0.318	-0.002	410.6
	2755.2	36.2	0.320	0.008	312.0
	587.0	1217.2	0.343	0.048	301.0
	1030.7	0.090	0.343	0.033	298.7
	7.98		0.262	0.017	348.1
30.119	9.64			-0.029	505.4
					1428.8
32	29.01	400.8	0.332	0.001	409.1
	2167.7	36.2	0.329	0.013	301.3
	582.9	1220.3	0.341	0.047	298.3
	1018.9	0.124	0.340	0.019	298.6
	8.21		0.257	0.025	341.1
31.119	9.64			-0.030	480.1
					1413.2
33	25.93	407.9	0.320	0.007	402.1
	2492.4	36.2	0.338	0.005	304.9
	589.8	1222.5	0.338	0.037	297.8
	1019.4	0.099	0.334	0.012	299.6
	8.15		0.255	0.026	337.2
32.119	9.71			-0.031	460.2
					1415.7
34	26.76	403.9	0.337	-0.002	400.7
	2448.3	36.1	0.332	0.008	311.9
	584.6	1220.9	0.333	0.045	298.4
	1020.9	0.105	0.343	0.014	297.5
	8.14		0.258	0.009	332.4
33.119	9.48			-0.034	436.6
					1420.8

					44
35	23.99	401.4	0.329	0.004	391.2
	2699.4	34.7	0.328	-0.005	312.2
	585.9	1221.6	0.334	0.046	299.3
	1025.9	0.085	0.341	0.016	296.5
	8.19		0.260	0.009	328.0
34.119	9.64			-0.033	418.3
					1403.6
36	30.34	402.5	0.332	-0.001	394.3
	2163.9	36.7	0.354	0.007	312.7
	584.3	1225.3	0.334	0.047	294.7
	1028.4	0.135	0.340	0.013	298.0
	8.21		0.257	0.013	325.4
35.119	9.51			-0.034	406.4
					1416.9
37	28.28	399.0	0.325	0.006	377.1
	2285.8	35.7	0.332	0.013	313.3
	585.7	1224.7	0.332	0.048	296.5
	1029.9	0.117	0.338	0.019	296.4
	8.28		0.256	0.019	326.6
36.119	9.61			-0.033	400.3
					1423.1
38	26.45	405.2	0.331	0.001	373.2
	2387.1	36.2	0.351	0.010	306.0
	583.3	1223.3	0.346	0.045	295.2
	1023.2	0.103	0.341	0.014	296.5
	8.18		0.257	0.020	319.9
37.119	9.72			-0.028	381.1
					1417.2
39	30.42	398.6	0.331	0.002	381.9
	2076.1	36.2	0.329	0.011	306.3
	585.9	1224.0	0.346	0.041	295.0
	1019.7	0.136	0.340	0.019	295.2
	8.20		0.256	0.005	315.4
38.119	9.71			-0.032	363.6
					1421.2
40	26.24	402.4	0.315	0.005	388.2
	2453.9	36.8	0.342	0.012	311.0
	589.3	1224.7	0.345	0.052	292.7
	1018.2	0.101	0.341	0.018	296.4
	8.13		0.257	0.011	313.7
39.119	9.73			-0.031	367.4
					1421.9

					44
41	26.99	401.7	0.327	0.024	393.2
	2413.3	36.3	0.351	0.014	313.3
	585.6	1226.3	0.344	0.050	295.9
	1032.4	0.107	0.344	0.021	295.5
	8.16		0.260	0.024	313.7
40.119	9.74			-0.032	351.2
					1426.6
42	29.05	405.2	0.344	0.003	406.4
	2082.3	36.3	0.341	0.011	301.8
	582.9	1223.3	0.337	0.046	295.4
	1004.2	0.124	0.341	0.017	295.4
	8.24		0.257	0.021	311.6
41.119	9.65			-0.032	344.9
					1430.1
43	26.99	404.4	0.336	0.004	437.9
	2347.7	36.8	0.336	0.013	313.1
	584.1	1221.4	0.342	0.047	295.1
	1026.2	0.107	0.343	0.021	295.8
	8.21		0.259	0.008	312.0
42.119	9.74			-0.032	341.3
					1439.5
44	30.05	402.2	0.340	0.007	471.1
	2096.4	36.8	0.333	0.014	317.6
	584.1	1221.8	0.342	0.042	293.7
	1025.4	0.133	0.341	0.019	294.4
	8.23		0.260	0.026	311.7
43.119	9.74			-0.028	337.1
					1443.1
45	28.10	408.8	0.345	0.009	515.1
	2235.7	36.8	0.345	0.012	314.6
	582.5	1223.3	0.340	0.049	295.1
	1024.9	0.116	0.346	0.022	295.8
	8.20		0.259	0.029	312.1
44.119	9.74			-0.030	339.1
					1429.4
46	29.04	408.7	0.344	0.001	551.8
	2160.1	36.8	0.341	0.013	319.8
	582.3	1222.8	0.341	0.044	294.6
	1023.9	0.124	0.346	0.040	294.0
	8.19		0.259	0.008	308.2
45.119	9.75			-0.030	328.1
					1432.3

					44
47	30.13	405.6	0.347	0.004	606.5
	2074.9	36.9	0.325	0.008	320.7
	582.3	1216.2	0.341	0.049	291.8
	1022.7	0.134	0.345	0.018	294.4
	8.18		0.256	0.013	308.4
46.119	9.76			-0.029	324.9
					1435.4
48	30.51	405.4	0.337	0.005	668.4
	2069.7	36.9	0.343	0.011	322.3
	582.5	1219.4	0.334	0.046	296.0
	1025.7	0.137	0.348	0.027	295.1
	8.18		0.258	0.018	308.7
47.119	9.75			-0.029	323.3
					1437.9
49	30.76	398.4	0.345	0.005	739.1
	2036.9	36.8	0.331	0.030	323.7
	582.5	1216.2	0.341	0.050	294.9
	1020.7	0.140	0.350	0.022	295.1
	8.20		0.257	0.015	309.1
48.119	9.69			-0.029	322.3
					1450.7
50	29.16	408.8	0.345	0.005	789.9
	2162.4	36.8	0.341	0.012	325.5
	582.8	1219.4	0.340	0.042	296.0
	1027.9	0.125	0.345	0.020	294.4
	8.21		0.258	0.016	309.4
49.119	9.76			-0.029	319.5
					1444.1
51	30.32	409.0	0.344	0.005	871.3
	2091.5	37.0	0.343	0.010	326.9
	582.6	1219.7	0.338	0.041	295.0
	1031.4	0.135	0.348	0.017	294.9
	8.25		0.257	0.019	309.0
50.119	9.76			-0.029	317.9
					1448.3
52	30.58	409.2	0.345	0.005	939.3
	2026.4	36.9	0.342	0.003	326.6
	582.3	1216.9	0.338	0.047	295.9
	1028.4	0.138	0.349	0.019	294.8
	8.32		0.258	0.017	309.3
51.119	9.76			-0.030	318.1
					1433.4

					44
53	29.64	405.7	0.345	0.017	1004.0
	2084.9	36.9	0.341	0.010	324.0
	582.7	1217.2	0.339	0.048	296.1
	1025.4	0.130	0.343	0.019	294.9
	8.30		0.260	0.012	310.0
52.119	9.77			-0.031	316.7
					1420.8
54	30.66	409.3	0.343	0.005	1056.9
	2052.4	36.9	0.343	0.011	329.3
	582.5	1216.0	0.339	0.044	294.6
	1026.2	0.139	0.346	0.015	294.9
	8.20		0.258	0.021	310.8
53.119	9.75			-0.033	316.2
					1425.1
55	28.99	406.0	0.344	0.003	1122.6
	2145.3	36.9	0.346	0.007	335.4
	582.7	1214.5	0.338	0.050	293.1
	1023.4	0.124	0.347	0.019	294.8
	8.23		0.260	0.008	311.0
54.119	9.76			-0.034	317.9
					1430.0
56	31.20	409.3	0.338	0.003	1180.6
	2021.7	36.9	0.344	0.013	334.3
	582.3	1216.4	0.339	0.049	296.1
	1030.4	0.144	0.346	0.023	294.8
	8.32		0.257	0.028	311.1
55.119	9.66			-0.034	315.9
					1447.9
57	29.66	406.0	0.347	0.006	1249.2
	2178.2	36.9	0.336	0.009	340.5
	583.7	1215.2	0.342	0.042	296.3
	1032.2	0.130	0.349	0.016	294.3
	8.13		0.262	0.022	310.4
56.119	9.77			-0.034	313.1
					1459.6
58	29.70	409.5	0.348	0.005	1354.4
	2157.8	36.9	0.345	0.015	343.2
	582.8	1213.8	0.344	0.050	296.4
	1027.4	0.131	0.348	0.018	294.4
	8.16		0.260	0.026	311.1
57.119	9.70			-0.034	311.9
					1472.1

					44
59	29.44	407.8	0.345	0.007	1435.3
	2146.8	37.0	0.333	0.007	342.5
	582.7	1213.7	0.340	0.047	295.2
	1030.7	0.128	0.351	0.017	293.1
	8.23		0.259	0.032	311.3
58.119	9.76			-0.034	312.2
					1467.1
60	28.73	409.5	0.348	0.009	1530.4
	2186.3	36.9	0.342	0.008	349.2
	582.9	1214.0	0.339	0.048	295.0
	1029.2	0.122	0.349	0.021	294.5
	8.24		0.260	0.014	311.8
59.119	9.78			-0.034	311.1
					1463.0
61	28.87	406.1	0.346	0.007	9999.9
	2192.8	37.0	0.339	0.016	351.9
	582.5	1212.8	0.341	0.052	296.7
	1032.7	0.124	0.349	0.018	294.5
	8.23		0.261	0.018	311.6
60.119	9.79			-0.033	310.1
					1451.7
62	28.69	409.9	0.347	0.008	9999.9
	2205.2	37.0	0.342	0.007	351.6
	582.6	1215.0	0.342	0.049	294.2
	1031.9	0.122	0.348	0.019	293.8
	8.22		0.261	0.026	312.5
61.119	9.79			-0.034	308.8
					1485.9
63	29.50	409.7	0.346	0.005	9999.9
	2136.4	36.9	0.347	0.009	358.4
	582.0	1210.3	0.336	0.046	296.9
	1029.7	0.129	0.347	0.022	294.4
	8.20		0.259	0.013	312.4
62.119	9.78			-0.033	308.1
					1513.4
64	28.67	406.6	0.348	0.007	0.0
	2216.9	37.0	0.348	0.007	361.0
	582.1	1213.1	0.342	0.050	295.6
	1030.4	0.122	0.349	0.020	293.7
	8.14		0.262	0.026	312.3
63.119	9.80			0.033	307.8
					1521.3

					44
65	29.71	410.0	0.348	0.005	1123.3
	2159.2	37.0	0.343	0.012	364.2
	581.8	1210.8	0.343	0.049	297.3
	1033.2	0.131	0.348	0.020	294.4
	8.11		0.259	0.023	314.7
64.119	9.81			-0.033	308.6
					1517.5
66	31.44	410.1	0.348	0.005	0.0
	2000.2	37.0	0.347	0.010	367.2
	582.0	1212.6	0.340	0.050	296.3
	1030.4	0.146	0.348	0.023	293.8
	8.20		0.257	0.025	314.0
65.119	9.81			-0.034	308.9
					1521.4
67	28.48	403.0	0.345	0.006	9999.9
	2175.3	37.0	0.338	0.010	370.1
	582.1	1210.4	0.342	0.047	297.4
	1030.6	0.120	0.348	0.020	294.4
	8.29		0.260	0.006	314.9
66.119	9.82			-0.033	308.5
					1473.2
68	29.37	406.6	0.348	0.008	507.7
	2135.0	37.0	0.348	0.009	373.5
	582.4	1211.5	0.343	0.047	298.0
	1032.7	0.128	0.351	0.020	293.8
	8.25		0.262	0.015	316.2
67.119	9.83			-0.033	308.9
					1480.7
69	30.17	410.2	0.347	0.007	9999.9
	2088.1	37.0	0.346	0.007	376.4
	581.8	1207.6	0.343	0.043	298.0
	1031.2	0.135	0.352	0.018	294.1
	8.18		0.262	0.014	316.5
68.119	9.83			-0.033	310.4
					1480.3
70	29.45	407.1	0.350	0.003	9999.9
	2112.3	37.0	0.352	0.007	379.4
	582.2	1209.8	0.344	0.049	298.1
	1029.4	0.129	0.353	0.019	294.4
	8.24		0.263	0.014	319.3
69.119	9.84			-0.033	309.9
					1493.5

					44
71.	30.43	407.5	0.343	0.007	0.0
	2047.5	37.0	0.350	0.005	382.3
	581.7	1205.0	0.366	0.047	298.5
	1032.4	0.138	0.352	0.020	293.7
	8.25		0.266	0.014	319.7
70.119	9.85			-0.033	309.9
					1437.1
72.	30.16	407.6	0.342	0.014	9999.9
	2083.6	37.0	0.348	0.011	385.1
	581.6	1206.7	0.341	0.050	297.1
	1031.7	0.135	0.351	0.020	294.4
	8.19		0.258	0.015	320.7
71.119	9.84			-0.033	309.3
					1396.3
73.	29.97	410.5	0.345	0.007	9999.9
	2069.9	37.0	0.347	0.008	388.2
	581.5	1207.9	0.346	0.048	298.9
	1031.7	0.134	0.348	0.020	294.4
	8.27		0.263	0.008	322.2
72.119	9.85			-0.033	308.5
					1384.1
74.	29.30	410.8	0.337	0.005	9999.9
	2138.9	37.0	0.344	0.010	391.4
	581.7	1210.4	0.346	0.048	299.2
	1031.2	0.127	0.352	0.017	294.5
	8.20		0.262	0.010	323.6
73.119	9.85			-0.033	308.8
					1407.6
75	30.58	410.7	0.346	0.006	9999.9
	2048.2	37.0	0.347	0.009	396.9
	581.2	1209.8	0.346	0.051	299.4
	1029.9	0.139	0.353	0.018	296.4
	8.19		0.261	0.002	326.4
74.119	9.83			-0.033	308.3
					1374.8
76.	28.73	410.9	0.346	0.009	9999.9
	2176.4	37.0	0.347	0.009	399.4
	581.1	1209.9	0.348	0.048	299.6
	1031.4	0.123	0.353	0.019	294.4
	8.22		0.263	0.013	329.3
75.119	9.83			-0.033	308.7
					1404.1

					44
77.	30.04	410.8	0.345	0.007	9999.9
	2078.6	37.0	0.349	0.006	404.7
	580.9	1209.4	0.349	0.047	299.8
	1029.7	0.134	0.353	0.029	294.0
	8.19		0.263	0.009	330.1
76.119	9.84			-0.033	307.9
					1418.3
78.	30.75	410.8	0.344	0.003	9999.9
	2018.2	37.1	0.348	0.005	411.2
	581.5	1207.6	0.346	0.050	300.0
	1031.7	0.141	0.351	0.018	293.8
	8.27		0.264	0.008	334.2
77.119	9.84			-0.033	307.8
					1410.1
79.	29.66	407.6	0.344	0.007	9999.9
	2114.6	37.1	0.351	0.010	419.3
	581.7	1202.8	0.352	0.051	299.1
	1032.9	0.131	0.353	0.020	294.4
	8.24		0.261	0.028	338.0
78.119	9.82			-0.033	309.3
					1356.0
80.	30.17	410.9	0.348	0.006	9999.9
	2092.6	37.1	0.350	0.006	428.9
	581.9	1204.0	0.351	0.051	300.6
	1032.4	0.136	0.356	0.020	294.0
	8.18		0.263	0.016	341.9
79.119	9.84			-0.033	309.6
					1297.1
81.	29.74	407.9	0.345	0.008	9999.9
	2119.8	37.1	0.349	0.008	439.3
	581.8	1204.9	0.350	0.052	300.9
	1034.7	0.132	0.354	0.021	293.7
	8.23		0.262	0.012	345.8
80.119	9.83			-0.033	307.4
					1305.7
82	30.22	411.1	0.345	0.006	9999.9
	2093.2	37.1	0.351	0.009	451.4
	582.0	1207.7	0.352	0.046	299.6
	1033.2	0.136	0.356	0.020	294.3
	8.18		0.259	0.017	349.7
81.119	9.84			-0.033	306.5
					1329.3

					44
83.	29.43	411.5	0.342	0.006	1563.8
	2132.3	37.2	0.348	0.007	466.1
	582.4	1204.2	0.352	0.050	301.4
	1030.4	0.129	0.353	0.021	293.7
	8.21		0.261	0.028	354.0
82.119	9.83			-0.034	307.8
					1335.8
84.	29.19	408.1	0.340	0.006	9999.9
	2131.0	37.2	0.348	0.013	478.7
	582.5	1201.0	0.350	0.049	301.9
	1034.9	0.127	0.349	0.022	293.7
	8.33		0.261	0.022	358.5
83.119	9.84			-0.034	307.5
					1343.1
85.	28.98	411.5	0.343	0.006	1539.7
	2155.7	37.2	0.350	0.011	494.1
	582.7	1200.3	0.352	0.053	302.2
	1033.4	0.126	0.354	0.020	294.4
	8.29		0.263	0.019	361.9
84.119	9.84			-0.033	305.9
					1373.6
86.	29.87	408.2	0.342	0.007	0.0
	2070.6	37.1	0.348	0.009	510.4
	582.2	1203.5	0.355	0.048	302.6
	1031.9	0.133	0.352	0.030	293.8
	8.30		0.264	0.024	368.1
85.119	9.86			-0.033	307.9
					1390.7
87.	28.62	411.5	0.346	0.008	9999.9
	2203.0	37.1	0.351	0.011	528.3
	581.9	1204.3	0.354	0.049	302.9
	1031.9	0.122	0.352	0.019	296.4
	8.17		0.261	0.013	371.1
86.119	9.86			-0.033	308.3
					1361.7
88.	30.57	411.6	0.344	0.007	0.0
	2008.5	37.2	0.340	0.011	542.4
	581.7	1200.8	0.355	0.049	303.5
	1027.9	0.140	0.356	0.019	294.4
	8.27		0.261	0.010	375.8
87.119	9.86			-0.033	307.7
					1355.0

					44
89.	30.20	411.6	0.348	0.007	0.0
	2080.6	37.2	0.350	0.008	566.8
	582.2	1202.3	0.355	0.047	303.9
	1032.4	0.136	0.354	0.019	294.4
	8.19		0.259	0.008	380.1
88.119	9.87			-0.034	306.1
					1405.2
90	29.79	411.9	0.345	0.005	0.0
	2101.6	37.2	0.352	0.011	585.3
	582.1	1201.0	0.352	0.048	304.5
	1035.2	0.133	0.352	0.021	293.7
	8.24		0.262	0.007	379.8
89.119	9.89			-0.033	306.3
					1407.7
91	30.34	411.7	0.345	0.007	9999.9
	2056.7	37.2	0.351	0.009	609.7
	582.2	1202.0	0.354	0.048	304.8
	1035.9	0.138	0.354	0.022	294.4
	8.27		0.263	0.026	382.3
90.119	9.89			-0.033	307.5
					1380.8
92	30.02	411.9	0.347	0.007	9999.9
	2058.1	37.2	0.351	0.009	639.6
	581.8	1199.9	0.353	0.047	305.5
	1031.7	0.135	0.351	0.025	294.3
	8.26		0.262	0.019	384.6
91.119	9.89			-0.033	305.8
					1371.9
93	29.62	408.5	0.348	-0.001	9999.9
	2100.9	37.2	0.341	0.011	674.5
	581.8	1203.7	0.355	0.050	306.0
	1033.4	0.131	0.355	0.019	294.3
	8.24		0.260	0.013	386.2
92.119	9.90			-0.033	306.1
					1388.5
94	29.77	408.7	0.348	0.006	9999.9
	2145.8	37.2	0.349	0.009	714.8
	582.2	1203.7	0.354	0.052	306.9
	1034.7	0.132	0.356	0.017	294.3
	8.10		0.263	0.012	388.7
93.119	9.90			-0.033	305.1
					1429.4

					44
95	29.15	408.7	0.345	0.008	0.0
	2170.5	37.3	0.347	0.009	755.1
	582.3	1202.1	0.354	0.051	307.5
	1034.9	0.127	0.357	0.021	294.4
	8.15		0.260	0.014	392.9
94.119	9.91			-0.033	305.6
					1563.0
96	30.67	409.3	0.347	0.007	9999.9
	2057.7	37.2	0.353	0.009	802.6
	582.9	1201.0	0.354	0.053	305.2
	1033.2	0.141	0.356	0.023	294.4
	8.17		0.261	0.012	396.0
95.119	9.90			-0.033	306.0
					1611.2
97	29.53	412.4	0.346	0.005	9999.9
	2179.5	37.3	0.352	0.022	859.5
	582.8	1200.3	0.356	0.051	309.1
	1035.7	0.131	0.352	0.018	294.4
	8.13		0.263	0.019	399.6
96.119	9.83			-0.033	307.6
					1602.5
98	29.64	412.2	0.347	0.006	9999.9
	2114.3	37.2	0.350	0.013	931.6
	582.7	1200.8	0.358	0.049	310.0
	1034.2	0.131	0.358	0.023	294.4
	8.23		0.264	0.010	403.2
97.119	9.90			-0.033	305.7
					1619.9
99	28.66	412.3	0.346	0.009	9999.9
	2198.0	37.3	0.356	0.007	1012.7
	582.6	1199.8	0.349	0.048	310.2
	1036.2	0.123	0.354	0.019	294.4
	8.21		0.265	0.027	406.1
98.119	9.91			-0.033	306.1
					1615.4
100	28.78	412.4	0.347	0.005	9999.9
	2197.3	37.3	0.342	0.018	1084.0
	582.9	1201.1	0.356	0.052	312.1
	1036.9	0.124	0.356	0.022	294.5
	8.21		0.265	0.011	408.8
99.119	9.90			-0.033	305.7
					1616.8

					44
101	29.52	412.2	0.344	0.006	9999.9
	2121.6	37.3	0.351	0.029	1155.3
	582.9	1199.4	0.354	0.050	311.7
	1036.2	0.131	0.358	0.018	294.4
	8.25		0.263	0.014	412.0
100.119	9.91			-0.033	304.3
					1580.9
102	30.12	412.6	0.347	0.006	9999.9
	2070.2	37.3	0.351	0.009	1231.1
	582.8	1199.9	0.363	0.052	314.4
	1034.2	0.136	0.355	0.021	294.5
	8.24		0.265	0.015	414.0
101.119	9.92			-0.033	304.9
					1546.5
103	28.99	412.5	0.345	0.006	739.1
	2125.3	37.3	0.344	0.010	1327.1
	583.2	1197.2	0.362	0.050	315.7
	1032.4	0.126	0.356	0.022	296.4
	8.24		0.266	0.023	413.7
102.119	9.93			-0.033	304.9
					1568.7
104	28.96	412.6	0.345	0.006	9999.9
	2142.5	37.3	0.350	0.009	1472.9
	582.9	1198.4	0.362	0.052	317.3
	1035.4	0.126	0.358	0.021	294.5
	8.28		0.262	0.009	420.2
103.119	9.94			-0.033	303.7
					1552.1
105	28.35	412.8	0.348	0.006	9999.9
	2155.5	37.3	0.350	0.013	9999.9
	583.2	1199.3	0.363	0.050	318.7
	1029.2	0.120	0.358	0.021	294.5
	8.27		0.266	0.013	426.8
104.119	9.96			-0.033	304.1
					1524.6
106	29.38	409.4	0.346	0.006	9999.9
	2128.0	37.3	0.348	0.008	9999.9
	583.0	1200.3	0.362	0.050	320.4
	1035.7	0.129	0.357	0.022	293.7
	8.22		0.266	0.016	431.9
105.119	9.96			-0.033	303.9
					1574.2

					44
107	28.79	413.3	0.349	0.008	9999.9
	2146.8	37.3	0.354	0.007	9999.9
	583.0	1197.7	0.362	0.052	322.1
	1034.9	0.124	0.360	0.019	294.5
	8.28		0.269	0.016	438.6
106.119	9.96			-0.033	303.0
					1580.1
108	29.31	413.1	0.344	0.004	9999.9
	2139.5	37.3	0.351	0.010	9999.9
	583.0	1198.2	0.364	0.061	323.9
	1035.4	0.129	0.353	0.020	293.7
	8.20		0.265	0.013	449.8
107.119	9.95			-0.033	303.2
					1590.8
109	29.21	413.2	0.345	0.005	9999.9
	2140.3	37.3	0.350	0.005	9999.9
	583.1	1198.6	0.363	0.048	325.6
	1034.4	0.128	0.355	0.023	294.0
	8.21		0.265	0.010	463.1
108.119	9.95			-0.033	303.9
					1602.4
110	30.31	413.1	0.345	0.005	9999.9
	2063.1	37.3	0.355	0.011	9999.9
	582.9	1195.4	0.367	0.056	327.6
	1037.4	0.138	0.358	0.017	294.5
	8.24		0.266	0.024	478.4
109.119	9.98			-0.033	303.5
					1589.5
111	29.93	413.0	0.349	0.009	9999.9
	2093.3	37.3	0.355	0.007	9999.9
	583.0	1196.2	0.367	0.049	329.7
	1036.9	0.135	0.358	0.019	294.5
	8.23		0.264	0.016	486.7
110.119	9.95			-0.033	304.3
					1599.2
112	29.77	412.8	0.350	0.002	9999.9
	2092.2	37.3	0.356	0.013	9999.9
	583.2	1199.3	0.368	0.053	331.9
	1036.2	0.133	0.360	0.019	294.6
	8.24		0.267	0.023	500.9
111.119	9.98			-0.032	304.0
					1549.1

					44
113	30.28	409.7	0.354	0.004	9999.9
	2055.7	37.3	0.358	0.011	0.0
	583.0	1196.9	0.370	0.050	334.0
	1036.2	0.138	0.358	0.019	294.5
	8.25		0.271	0.017	514.2
112.119	9.96			0.033	303.4
					1549.3
114	29.19	413.4	0.355	0.006	9999.9
	2169.5	37.3	0.359	0.007	0.0
	583.0	1197.1	0.372	0.048	336.4
	1035.9	0.128	0.362	0.019	294.6
	8.13		0.270	0.022	534.5
113.119	9.97			-0.033	305.3
					1597.8
115	30.07	413.6	0.352	0.005	9999.9
	2074.3	37.3	0.358	0.012	0.0
	583.2	1196.2	0.368	0.052	338.6
	1037.7	0.136	0.364	0.020	294.5
	8.26		0.268	0.025	550.3
114.119	9.98			-0.033	303.1
					1536.7
116	29.88	413.8	0.356	0.007	9999.9
	2098.3	37.3	0.357	0.012	1475.0
	582.9	1196.6	0.371	0.052	341.1
	1035.9	0.134	0.365	0.020	294.6
	8.28		0.272	0.009	567.6
115.119	9.86			-0.032	303.1
					1547.5
117	29.38	413.7	0.354	0.006	9999.9
	2103.0	37.3	0.355	0.013	9999.9
	583.0	1191.0	0.370	0.051	343.6
	1033.9	0.130	0.361	0.017	294.6
	8.26		0.268	0.009	589.8
116.119	9.97			-0.032	303.5
					1538.0
118	29.42	406.3	0.352	0.004	9999.9
	2112.5	37.3	0.354	0.012	9999.9
	582.9	1195.2	0.368	0.050	346.2
	1035.7	0.130	0.362	0.019	294.6
	8.22		0.266	0.011	619.5
117.119	9.99			-0.033	304.4
					1544.7

119	28.74	413.6	0.354	0.007	9999.9
	2105.6	37.3	0.354	0.009	9999.9
	582.7	1193.0	0.371	0.050	349.0
	1033.4	0.124	0.360	0.020	294.6
	8.35		0.270	0.008	653.2
118.119	9.99			-0.033	304.1
					1553.9
120	29.58	413.9	0.357	0.006	9999.9
	2109.3	37.3	0.355	0.021	9999.9
	583.0	1192.5	0.370	0.064	351.9
	1035.9	0.132	0.363	0.022	294.0
	8.21		0.267	0.024	688.0
119.119	9.99			-0.033	303.5
					1562.9
121	28.62	414.0	0.356	0.006	9999.9
	2170.2	37.3	0.349	0.011	734.1
	582.7	1195.9	0.366	0.048	354.7
	1035.9	0.123	0.359	0.030	294.6
	8.23		0.267	0.016	737.1
120.119	9.99			-0.034	304.5
					1589.0
122	28.31	414.0	0.357	0.006	9999.9
	2227.3	37.4	0.355	0.012	9999.9
	582.7	1191.8	0.358	0.049	357.8
	1041.4	0.121	0.358	0.018	294.6
	8.21		0.268	0.016	795.7
121.119	10.00			-0.034	303.4
					1583.5

ARC POWER OFF

MODEL 36

2-MW PJ FACILITY CONCRETE SAMPLE TEST NO 188 - RUN NO. 45

POINT NO / TIME SEC	FAC. OPERATING PARAMETERS: GAS FLO-G/S; ENTHALPY-CAL/G; CURRENT-AMPS; VOLTS; WATER FLO-L/S; WATER DT-DEG K	FAC. OPERATING PARAMETERS: PRES-N/CM2; HEATER MAN; ARC CHAMB; VENTURI; VENTURI DPI	PROBE: PRESS N/CM2	PROBE: HEAT IFLUX KW/CM2	MODEL: TEMP DEG K; TC-1; TC-2; TC-3; TC-4; TC-5; TC-6; TC-7; PYROM
			45		
1	26.32	382.0	0.000	-0.881	301.0
	2288.6	33.8	0.000	0.335	294.9
	580.5	1166.5	0.000	0.356	294.2
	982.4	0.107	0.000	0.558	294.1
	8.25		0.000	0.254	326.1
0.116	9.23			-0.022	314.3
					0.0
2	25.93	382.3	-0.002	-0.884	301.5
	2305.1	33.7	-0.020	0.332	295.3
	580.5	1155.5	0.001	0.356	294.2
	978.9	0.105	0.008	0.565	294.1
	8.22		0.011	0.254	330.2
1.119	9.26			-0.023	315.9
					0.0
3	25.58	382.3	-0.005	-0.882	302.2
	2320.6	33.8	-0.018	0.335	295.3
	580.6	1154.3	0.013	0.356	294.3
	978.7	0.102	0.011	0.567	294.1
	8.24		0.007	0.244	329.2
2.119	9.28			-0.024	316.9
					0.0
4	24.51	382.5	0.090	-0.882	302.7
	2443.9	33.8	0.711	0.334	292.0
	580.4	1154.7	1.784	0.361	294.3
	981.4	0.094	1.523	0.563	294.1
	8.20		0.259	0.275	330.0
3.119	9.30			-0.024	315.9
					0.0
			45		
5	26.20	382.4	0.110	-0.881	303.7
	2285.5	33.8	0.928	0.330	295.5
	581.5	1155.2	2.029	0.353	294.3
	981.6	0.107	1.704	0.560	294.1
	8.21		0.341	0.244	330.8
4.119	9.33			-0.025	316.4
					0.0
6	25.86	382.3	0.125	-0.885	304.2
	2304.9	33.8	0.998	0.328	295.7
	581.8	1154.7	2.046	0.342	294.2
	980.7	0.104	1.785	0.557	294.1
	8.22		0.395	0.258	330.8
5.119	9.35			-0.026	317.7
					0.0
7	26.09	382.1	0.141	-0.881	304.9
	2239.8	33.8	1.020	0.328	295.7
	580.4	1155.5	2.061	0.352	294.3
	980.9	0.106	1.791	0.558	294.1
	8.29		0.426	0.229	330.6
6.119	9.38			-0.026	317.7
					0.0
8	24.41	382.4	0.149	-0.888	305.8
	2451.3	33.8	1.027	0.325	295.5
	581.6	1155.7	2.053	0.359	294.3
	980.9	0.093	1.793	0.567	294.1
	8.17		0.448	0.251	329.7
7.119	9.38			-0.025	316.7
					0.0
9	26.05	382.4	0.165	-0.886	306.3
	2288.5	33.8	1.023	0.341	295.7
	580.7	1156.5	2.058	0.358	294.3
	983.2	0.105	1.794	0.568	294.0
	8.18		0.462	0.248	329.9
8.119	9.40			-0.022	317.0
					0.0
10	26.04	382.4	0.170	-0.886	307.2
	2316.5	33.8	1.027	0.337	296.1
	580.4	1155.7	2.056	0.349	294.1
	982.4	0.105	1.791	0.560	294.1
	8.07		0.459	0.261	330.9
9.119	9.41			-0.022	317.7
					0.0
			45		
11	25.97	382.4	0.178	-0.889	307.7
	2254.0	33.8	1.022	0.330	295.2
	580.4	1154.3	2.058	0.352	292.8
	979.4	0.105	1.796	0.572	294.0
	8.22		0.464	0.246	329.6
10.119	9.42			-0.021	317.8
					0.0
12	25.99	382.4	0.182	-0.887	308.7
	2228.0	33.8	1.025	0.326	296.0
	580.5	1156.2	2.061	0.349	294.4
	982.7	0.105	1.798	0.562	294.1
	8.32		0.466	0.239	330.9
11.119	9.44			-0.021	317.3
					0.0
13	26.03	382.4	0.186	-0.886	308.9
	2240.5	33.8	1.028	0.328	296.6
	580.6	1154.5	2.064	0.349	296.3
	981.4	0.105	1.797	0.560	294.0
	8.25		0.470	0.258	329.9
12.119	9.44			-0.021	316.7
					0.0
14	25.80	382.4	0.190	-0.882	309.8
	2242.7	33.9	1.026	0.324	293.4
	580.3	1154.0	2.063	0.342	294.3
	977.9	0.104	1.799	0.564	294.1
	8.23		0.471	0.267	330.0
13.119	9.46			-0.020	317.2
					0.0
15	25.90	382.5	0.191	-0.649	310.3
	2306.7	33.8	1.023	0.367	296.6
	580.5	1153.3	2.067	0.189	294.2
	983.7	0.105	1.801	0.376	294.1
	8.11		0.470	0.239	329.9
14.119	9.47			-0.012	316.6
					0.0 PROBE OUT
16	25.78	382.5	0.230	-0.887	310.8 MODEL IN
	2244.2	33.9	1.045	0.060	296.8
	580.4	1152.5	1.929	0.074	294.2
	983.9	0.104	1.676	0.309	294.1
	8.30		0.462	0.029	327.2
15.119	9.47			-0.088	313.8
					0.0
			45		
17	25.96	382.4	0.306	-0.884	311.1
	2235.3	33.9	0.724	0.057	293.1
	580.6	1153.6	0.958	0.068	294.2
	981.7	0.105	0.867	0.310	293.9
	8.24		0.396	0.024	328.9
16.119	9.49			-0.067	315.5
					0.0
18	25.09	375.8	0.296	-0.801	321.0
	2341.2	33.3	0.526	0.071	292.3
	583.3	1150.1	0.633	0.074	295.1
	978.9	0.098	0.593	0.312	297.4
	8.20		0.351	0.029	520.9
17.119	9.49			-0.082	527.2
					0.0
19	23.07	375.3	0.295	-0.885	339.5
	2604.7	33.3	0.417	0.069	305.1
	580.8	1147.4	0.478	0.074	299.6
	973.9	0.093	0.471	0.303	300.7
	8.04		0.322	0.032	715.0
18.119	9.34			-0.090	725.6
					0.0
20	24.46	368.7	0.280	-0.886	338.7
	2377.4	33.2	0.379	0.062	295.0
	584.5	1150.1	0.416	0.070	300.9
	962.2	0.094	0.407	0.305	301.1
	8.10		0.299	0.026	717.4
19.119	9.43			-0.083	723.1
					0.0
21	23.08	372.3	0.289	-0.883	333.7
	2497.1	33.3	0.335	0.064	297.7
	584.4	1148.1	0.377	0.067	296.9
	963.4	0.083	0.376	0.311	298.1
	8.23		0.288	0.027	660.2
20.119	9.35			-0.090	666.5
					0.0
22	18.70	378.8	0.295	-0.884	333.4
	3201.6	32.3	0.323	0.060	302.8
	585.5	1149.4	0.362	0.071	298.6
	974.7	0.055	0.356	0.305	298.5
	8.11		0.278	0.022	587.9
21.119	9.44			-0.092	596.0
					0.0

					45
23	24.33	368.8	0.280	-0.885	341.3
	2411.5	33.9	0.292	0.061	296.1
	584.4	1148.1	0.342	0.075	295.4
	970.7	0.093	0.342	0.309	298.2
	8.08		0.274	0.013	569.8
22.119	9.52			-0.089	575.2
					0.0
24	21.32	375.6	0.285	-0.893	346.1
	2807.7	33.8	0.309	0.060	296.1
	585.3	1149.8	0.329	0.079	296.7
	979.2	0.071	0.336	0.303	298.0
	8.17		0.269	0.023	554.8
23.119	9.44			-0.089	558.7
					0.0
25	19.37	379.0	0.295	-0.886	349.8
	2998.7	33.9	0.295	0.062	295.5
	584.3	1149.4	0.336	0.063	296.3
	982.4	0.059	0.334	0.310	296.9
	8.29		0.264	0.025	542.0
24.119	9.54			-0.092	545.3
					0.0
26	23.16	379.1	0.280	-0.885	351.4
	2520.7	31.8	0.297	0.054	301.0
	584.6	1149.8	0.321	0.059	295.9
	974.9	0.084	0.328	0.299	297.3
	8.22		0.269	0.017	509.2
25.119	9.47			-0.085	512.5
					0.0
27	24.04	368.5	0.286	-0.902	357.5
	2490.8	33.9	0.291	0.177	298.2
	583.1	1148.2	0.317	-0.566	295.0
	983.7	0.090	0.325	-0.641	296.6
	8.25		0.262	-0.008	466.6
26.119	9.37			0.032	467.9
					0.0
28	21.25	379.0	0.309	-0.906	357.2
	2784.5	32.8	0.289	0.175	301.3
	583.3	1149.4	0.319	-0.413	297.5
	981.7	0.071	0.326	-0.409	297.0
	8.23		0.263	-0.019	439.6
27.119	9.44			0.020	439.0
					0.0
29	24.09	381.9	0.287	-0.903	356.6
	2410.4	33.9	0.295	0.172	296.0
	581.9	1147.5	0.313	-0.589	297.1
	971.4	0.091	0.320	-0.540	296.6
	8.22		0.259	-0.026	417.7
28.119	9.37			0.034	416.3
					0.0
30	25.91	375.8	0.313	-0.881	365.4
	2252.4	32.8	0.292	0.126	296.1
	580.4	1148.9	0.321	-0.136	295.4
	982.2	0.105	0.324	0.246	296.5
	8.25		0.260	0.010	411.2
29.119	9.44			-0.034	409.6
					0.0
31	21.25	379.0	0.308	-0.882	370.9
	2695.1	34.0	0.291	0.069	296.6
	584.4	1150.1	0.324	0.061	295.4
	972.4	0.071	0.325	0.298	296.5
	8.24		0.259	0.019	418.4
30.119	9.54			-0.087	418.5
					0.0
32	26.06	379.0	0.303	-0.884	375.2
	2269.9	33.4	0.298	0.060	301.1
	582.8	1148.2	0.313	0.071	294.8
	980.9	0.106	0.322	0.303	296.5
	8.14		0.262	0.006	460.1
31.119	9.53			-0.088	460.6
					0.0
33	24.09	379.0	0.305	-0.892	364.9
	2363.6	32.4	0.293	0.058	298.4
	581.6	1148.1	0.326	0.051	295.6
	973.9	0.091	0.320	0.296	298.5
	8.24		0.260	0.020	581.5
32.119	9.53			-0.093	579.1
					0.0
34	21.24	375.9	0.310	-0.885	382.0
	2828.5	32.9	0.274	0.063	300.8
	583.1	1148.2	0.315	0.058	298.2
	970.2	0.071	0.329	0.293	298.3
	8.10		0.253	-0.000	572.6
33.119	9.28			-0.090	569.8
					0.0

					45
35	24.39	382.4	0.295	-0.884	379.7
	2316.8	32.9	0.293	0.045	304.2
	582.9	1148.4	0.313	0.064	296.3
	960.2	0.093	0.323	0.302	296.7
	8.18		0.260	0.004	540.1
34.119	9.45			-0.091	540.1
					0.0
36	19.53	378.8	0.299	-0.899	386.8
	2977.0	33.9	0.288	0.150	296.5
	585.8	1142.3	0.313	-0.586	298.4
	966.9	0.060	0.326	-0.185	294.7
	8.21		0.259	-0.021	488.8
35.119	9.41			0.012	489.4
					0.0
37	17.36	375.5	0.297	-0.892	382.9
	3271.4	32.9	0.295	0.067	300.2
	583.1	1147.5	0.325	-0.186	294.9
	969.4	0.047	0.324	0.206	296.4
	8.29		0.256	-0.033	466.4
36.119	9.46			0.007	468.1
					0.0
38	22.88	375.4	0.297	-0.699	392.6
	2548.4	33.4	0.289	0.036	300.7
	584.3	1146.5	0.326	-0.230	294.5
	969.9	0.082	0.324	0.160	296.9
	8.19		0.261	-0.024	441.5
37.119	9.43			0.004	439.1
					0.0
39	21.17	382.6	0.320	-0.876	387.5
	2755.4	33.0	0.295	0.046	301.0
	580.3	1148.7	0.321	-0.087	295.8
	976.9	0.070	0.328	0.233	296.6
	8.11		0.263	-0.013	421.6
38.119	9.52			-0.017	421.1
					0.0
40	22.96	379.0	0.315	-0.595	401.7
	2497.3	34.0	0.296	0.030	304.6
	580.6	1148.1	0.308	-0.084	295.4
	970.9	0.082	0.324	0.265	295.5
	8.13		0.257	-0.017	404.6
39.119	9.53			-0.005	404.3
					0.0
41	22.83	381.7	0.316	-0.625	405.4
	2508.7	32.9	0.300	0.050	308.6
	583.1	1147.9	0.329	-0.169	294.9
	978.4	0.082	0.329	0.227	295.9
	8.31		0.259	-0.006	392.4
40.119	9.53			-0.019	394.8
					0.0
42	21.16	375.9	0.312	-0.888	412.8
	2738.7	34.0	0.300	0.051	309.5
	584.6	1147.5	0.317	0.069	293.5
	975.9	0.070	0.330	0.303	295.8
	8.22		0.256	0.004	385.4
41.119	9.54			-0.088	386.5
					0.0
43	24.51	379.2	0.313	-0.883	421.4
	2344.2	33.5	0.292	0.051	307.0
	581.8	1149.2	0.326	0.070	294.8
	983.7	0.094	0.328	0.299	294.8
	8.29		0.259	0.014	373.6
42.119	9.57			-0.090	372.1
					0.0
44	22.71	382.8	0.314	-0.886	432.4
	2537.5	33.4	0.302	0.056	311.6
	580.2	1148.6	0.324	0.061	294.8
	983.2	0.081	0.328	0.301	295.5
	8.24		0.258	0.011	376.9
43.119	9.56			-0.088	377.1
					0.0
45	25.84	372.4	0.310	-0.888	438.7
	2236.0	33.6	0.289	0.056	313.0
	581.5	1147.7	0.322	0.056	296.1
	981.4	0.105	0.330	0.300	295.3
	8.23		0.256	0.016	367.5
44.119	9.56			-0.091	365.8
					0.0
46	25.59	382.9	0.320	-0.895	452.8
	2227.2	34.0	0.297	0.052	314.5
	581.3	1149.8	0.325	0.067	296.0
	975.9	0.102	0.337	0.300	295.2
	8.22		0.259	0.009	362.4
45.119	9.57			-0.089	359.4
					0.0

					45
47	24.40	382.9	0.305	-0.884	502.7
	2335.5	33.5	0.302	0.054	313.0
	584.0	1149.9	0.325	0.064	295.9
	978.2	0.093	0.334	0.302	295.1
	8.32		0.257	0.025	360.3
46.119	9.57			-0.092	356.0
					0.0
48	23.88	382.8	0.316	-0.882	717.3
	2378.5	33.5	0.302	0.052	316.7
	580.2	1150.3	0.327	0.069	293.5
	975.9	0.089	0.337	0.302	295.1
	8.27		0.256	0.014	361.0
47.119	9.50			-0.091	356.0
					0.0
49	24.70	383.2	0.325	-0.886	792.1
	2362.7	34.1	0.303	0.051	313.7
	580.2	1150.6	0.324	0.066	296.0
	985.7	0.095	0.338	0.306	295.1
	8.19		0.253	0.003	358.3
48.119	9.57			-0.092	354.7
					0.0
50	25.81	382.9	0.325	-0.881	809.6
	2255.5	33.5	0.295	0.053	323.3
	581.5	1150.1	0.320	0.069	295.9
	982.7	0.104	0.340	0.302	295.0
	8.26		0.252	0.018	354.6
49.119	9.49			-0.092	347.9
					0.0
51	24.64	383.2	0.330	-0.881	808.3
	2327.2	33.5	0.303	0.063	323.3
	579.9	1150.4	0.325	0.065	296.0
	978.4	0.095	0.339	0.304	295.0
	8.18		0.252	0.027	355.0
50.119	9.58			-0.094	349.2
					0.0
52	24.81	382.9	0.324	-0.881	873.5
	2286.8	33.5	0.306	0.051	326.6
	580.0	1150.4	0.327	0.062	294.4
	978.4	0.096	0.337	0.302	295.0
	8.24		0.254	0.010	354.9
51.119	9.58			-0.093	348.6
					0.0
53	26.01	383.2	0.322	-0.883	998.5
	2215.6	34.0	0.305	0.051	330.2
	580.1	1148.6	0.327	0.068	295.9
	980.9	0.106	0.338	0.303	294.1
	8.18		0.255	0.009	352.1
52.119	9.59			-0.095	344.9
					0.0
54	24.58	383.3	0.322	-0.883	1141.5
	2332.0	34.0	0.308	0.048	334.5
	580.7	1149.9	0.320	0.068	295.9
	983.2	0.094	0.341	0.300	294.8
	8.25		0.255	0.013	350.0
53.119	9.59			-0.093	340.7
					0.0
55	24.58	383.4	0.326	-0.881	1295.7
	2389.4	33.7	0.308	0.051	342.8
	581.8	1149.9	0.329	0.065	296.9
	985.7	0.094	0.338	0.300	294.7
	8.17		0.257	0.019	347.9
54.119	9.59			-0.093	338.3
					0.0
56	26.07	383.3	0.329	-0.879	1391.5
	2224.2	34.1	0.310	0.054	344.1
	580.2	1149.7	0.324	0.070	296.1
	984.9	0.106	0.339	0.300	294.7
	8.20		0.255	0.013	347.6
55.119	9.59			-0.095	336.7
					0.0
57	24.80	383.3	0.328	-0.877	1430.2
	2272.8	34.1	0.309	0.052	352.0
	580.3	1149.2	0.333	0.067	296.1
	983.2	0.096	0.342	0.301	294.7
	8.35		0.254	0.013	348.6
56.119	9.59			-0.093	336.5
					0.0
58	26.01	383.3	0.330	-0.881	1427.5
	2145.0	34.1	0.311	0.053	352.5
	580.1	1148.2	0.328	0.067	296.0
	976.4	0.106	0.341	0.302	296.7
	8.31		0.256	0.006	348.6
57.119	9.59			-0.093	336.5
					0.0

					45
59	25.68	383.4	0.326	-0.880	1484.8
	2275.7	34.1	0.309	0.055	360.5
	580.4	1148.4	0.332	0.066	295.9
	984.9	0.103	0.342	0.300	294.6
	8.15		0.256	0.006	348.2
58.119	9.60			-0.094	334.6
					0.0
60	24.62	383.3	0.329	-0.880	9999.9
	2360.8	34.1	0.306	0.059	364.2
	580.1	1148.2	0.330	0.067	296.1
	984.4	0.095	0.342	0.302	294.7
	8.17		0.259	0.022	348.3
59.119	9.60			-0.096	333.8
					0.0
61	24.55	383.4	0.321	-0.882	9999.9
	2331.4	34.1	0.306	0.050	367.8
	580.2	1147.4	0.330	0.063	294.6
	982.9	0.094	0.340	0.303	294.7
	8.24		0.262	0.017	350.3
60.119	9.60			-0.094	335.3
					0.0
62	26.17	383.4	0.328	-0.882	9999.9
	2177.3	34.1	0.307	0.052	371.5
	580.0	1147.7	0.331	0.068	296.2
	981.2	0.107	0.343	0.305	294.7
	8.24		0.257	0.017	350.1
61.119	9.60			-0.093	333.5
					0.0
63	24.55	383.5	0.329	-0.881	9999.9
	2340.0	34.1	0.307	0.053	376.7
	580.1	1147.2	0.331	0.067	296.3
	984.7	0.094	0.340	0.304	294.7
	8.21		0.262	0.004	352.3
62.119	9.61			-0.094	333.9
					0.0
64	26.04	383.6	0.325	-0.881	9999.9
	2176.9	34.1	0.308	0.051	377.9
	580.0	1146.5	0.330	0.068	296.3
	979.7	0.106	0.337	0.302	294.7
	8.24		0.261	0.001	350.9
63.119	9.61			-0.093	333.3
					0.0
65	25.99	383.5	0.326	-0.882	9999.9
	2195.3	34.1	0.307	0.051	380.7
	580.4	1146.9	0.334	0.070	296.5
	981.7	0.106	0.337	0.304	294.7
	8.23		0.264	0.009	352.7
64.119	9.61			-0.093	332.9
					0.0
66	25.98	380.3	0.324	-0.882	9999.9
	2209.1	34.1	0.306	0.052	383.3
	580.2	1145.9	0.332	0.065	296.6
	984.9	0.106	0.335	0.303	294.8
	8.24		0.263	0.017	356.8
65.119	9.61			-0.093	333.3
					0.0
67	26.03	383.6	0.326	-0.883	0.0
	2204.0	34.1	0.305	0.051	385.5
	580.1	1145.2	0.329	0.069	296.7
	986.2	0.106	0.338	0.302	294.7
	8.26		0.260	0.008	356.6
66.119	9.61			-0.093	332.9
					0.0
68	24.82	383.6	0.324	-0.882	478.1
	2321.3	34.1	0.306	0.049	388.2
	579.9	1145.5	0.333	0.068	296.8
	985.4	0.097	0.338	0.300	294.7
	8.21		0.265	0.011	357.2
67.119	9.62			-0.093	334.1
					0.0
69	26.23	383.8	0.325	-0.881	9999.9
	2199.8	34.1	0.309	0.051	386.8
	581.4	1144.3	0.335	0.070	297.0
	981.7	0.108	0.335	0.302	294.7
	8.19		0.263	0.015	360.3
68.119	9.61			-0.095	335.5
					0.0
70	25.86	383.8	0.325	-0.882	9999.9
	2213.9	34.1	0.304	0.052	389.2
	580.0	1144.5	0.330	0.068	295.6
	983.9	0.105	0.338	0.303	294.8
	8.25		0.265	0.010	362.0
69.119	9.60			-0.093	336.1
					0.0

71:	26.01	383.8	0.319	-0.884	9999.9
	2218.5	34.1	0.307	0.052	394.6
	580.0	1143.8	0.333	0.078	297.3
	986.4	0.106	0.337	0.302	294.8
	8.22		0.264	0.017	364.6
70.119	9.62			-0.093	336.5
					0.0
72:	25.80	384.0	0.327	-0.880	9999.9
	2237.1	34.2	0.308	0.054	397.4
	579.9	1143.8	0.336	0.064	297.4
	984.2	0.105	0.338	0.301	294.8
	8.19		0.267	0.020	366.9
71.119	9.62			-0.093	335.6
					0.0
73:	24.46	383.9	0.326	-0.884	9999.9
	2328.7	34.2	0.308	0.053	399.7
	580.0	1144.0	0.337	0.070	296.1
	985.4	0.094	0.338	0.302	294.8
	8.28		0.270	0.014	369.2
72.119	9.62			-0.092	335.7
					0.0
74:	26.15	384.0	0.325	-0.877	9999.9
	2188.5	34.2	0.308	0.051	401.8
	579.8	1142.1	0.334	0.067	297.8
	986.2	0.108	0.338	0.302	294.7
	8.26		0.272	0.019	371.9
73.119	9.62			-0.093	334.1
					0.0
75:	26.01	384.2	0.330	-0.881	9999.9
	2197.4	34.1	0.308	0.053	401.4
	579.9	1143.7	0.336	0.067	298.0
	984.2	0.106	0.337	0.302	294.8
	8.23		0.269	0.025	375.0
74.119	9.64			-0.093	335.1
					0.0
76:	26.06	384.1	0.327	-0.881	9999.9
	2208.4	34.2	0.308	0.051	406.1
	579.6	1143.1	0.335	0.066	298.2
	986.7	0.107	0.338	0.302	294.8
	8.22		0.270	0.016	377.7
75.119	9.64			-0.093	333.9
					0.0
77:	26.01	384.1	0.325	-0.881	9999.9
	2182.3	34.2	0.312	0.051	406.3
	579.8	1143.1	0.334	0.067	298.5
	985.4	0.106	0.339	0.304	294.8
	8.27		0.270	0.023	380.7
76.119	9.65			-0.093	333.5
					0.0
78:	26.00	384.1	0.327	-0.882	1274.9
	2163.8	34.2	0.309	0.054	412.3
	580.1	1142.8	0.336	0.063	298.7
	984.7	0.106	0.338	0.302	294.7
	8.31		0.272	0.012	384.8
77.119	9.66			-0.093	333.7
					0.0
79:	26.05	384.1	0.321	-0.881	9999.9
	2229.2	34.2	0.309	0.052	424.9
	579.9	1142.0	0.336	0.067	297.0
	987.4	0.107	0.337	0.302	294.6
	8.15		0.268	0.010	388.4
78.119	9.67			-0.093	333.3
					0.0
80:	25.99	384.1	0.324	-0.883	9999.9
	2226.1	34.2	0.309	0.059	442.0
	581.1	1141.5	0.336	0.066	299.3
	984.9	0.106	0.339	0.302	294.8
	8.17		0.275	0.013	391.5
79.119	9.67			-0.093	331.8
					0.0
81:	26.05	384.1	0.329	-0.881	9999.9
	2123.8	34.2	0.310	0.053	462.9
	579.9	1142.5	0.338	0.067	299.6
	979.2	0.107	0.338	0.301	294.8
	8.31		0.272	0.024	399.9
80.119	9.68			-0.092	333.3
					0.0
82:	26.26	384.1	0.326	-0.882	9999.9
	2146.2	34.2	0.314	0.053	484.0
	579.9	1141.6	0.336	0.068	299.9
	985.4	0.109	0.340	0.302	294.8
	8.30		0.272	0.007	403.5
81.119	9.68			-0.093	331.3
					0.0
83:	26.21	384.2	0.328	-0.882	9999.9
	2180.7	34.2	0.314	0.053	508.4
	580.8	1142.0	0.339	0.070	300.5
	984.7	0.108	0.339	0.302	294.7
	8.22		0.270	0.006	406.4
82.119	9.68			-0.094	330.3
					0.0
84:	26.25	384.1	0.325	-0.881	9999.9
	2171.4	34.2	0.316	0.056	532.6
	579.9	1141.5	0.338	0.066	300.8
	982.9	0.109	0.341	0.300	294.7
	8.18		0.271	0.010	412.3
83.119	9.70			-0.093	329.7
					0.0
85:	26.26	384.1	0.329	-0.880	836.4
	2163.8	34.2	0.316	0.051	558.1
	579.7	1141.8	0.338	0.065	301.3
	984.9	0.109	0.339	0.300	294.8
	8.22		0.278	0.008	416.8
84.119	9.70			-0.093	328.7
					0.0
86:	26.15	384.3	0.332	-0.878	9999.9
	2171.0	34.2	0.317	0.051	583.3
	581.3	1141.3	0.341	0.065	301.7
	987.7	0.108	0.339	0.302	294.8
	8.29		0.274	0.010	423.2
85.119	9.71			-0.093	328.7
					0.0
87:	26.00	384.2	0.331	-0.880	0.0
	2189.0	34.2	0.320	0.050	611.2
	581.2	1143.0	0.337	0.067	302.4
	985.4	0.106	0.334	0.301	294.7
	8.24		0.272	0.012	428.5
86.119	9.71			-0.093	328.1
					0.0
88:	26.28	384.3	0.332	-0.882	9999.9
	2173.4	33.8	0.324	0.051	643.0
	580.2	1144.0	0.340	0.068	303.0
	985.4	0.109	0.339	0.302	294.7
	8.19		0.270	0.017	432.7
87.119	9.71			-0.093	328.1
					0.0
89:	25.13	384.6	0.319	-0.879	9999.9
	2256.6	34.2	0.326	0.051	675.1
	579.8	1143.0	0.339	0.072	303.7
	988.2	0.099	0.342	0.302	294.6
	8.27		0.272	0.010	437.9
88.119	9.71			-0.092	327.6
					0.0
90	26.29	384.7	0.329	-0.881	9999.9
	2179.7	34.2	0.326	0.048	721.9
	581.3	1144.5	0.339	0.068	304.5
	987.2	0.109	0.339	0.300	294.7
	8.22		0.268	0.011	441.2
89.119	9.72			-0.093	326.0
					0.0
91	26.08	384.9	0.331	-0.881	9999.9
	2166.7	34.2	0.325	0.054	769.9
	681.6	1146.7	0.339	0.061	305.1
	983.9	0.107	0.337	0.301	294.6
	8.25		0.269	0.016	444.3
90.119	9.73			-0.092	325.5
					0.0
92:	26.18	384.8	0.326	-0.879	9999.9
	2187.8	34.2	0.329	0.051	822.4
	579.9	1144.2	0.343	0.067	305.6
	987.4	0.108	0.340	0.302	294.7
	8.19		0.269	0.010	449.1
91.119	9.73			-0.093	325.5
					0.0
93	26.19	384.8	0.328	-0.881	9999.9
	2178.0	34.2	0.328	0.049	916.4
	579.9	1145.3	0.341	0.067	306.9
	987.2	0.108	0.341	0.301	294.7
	8.21		0.269	0.021	453.1
92.119	9.73			-0.092	325.1
					0.0
94	25.51	385.0	0.331	-0.882	9999.9
	2218.8	34.2	0.332	0.049	1020.0
	579.7	1147.2	0.343	0.068	308.5
	984.4	0.102	0.341	0.311	294.7
	8.21		0.268	0.014	459.6
93.119	9.73			-0.092	325.0
					0.0

					45
95	26.14	382.3	0.317	-0.882	9999.9
	2188.9	34.3	0.323	0.051	1120.2
	580.0	1145.3	0.340	0.067	309.7
	988.2	0.107	0.344	0.301	294.6
	8.22		0.271	0.020	461.7
94.119	9.71			-0.092	326.2
					0.0
96	26.24	385.0	0.330	-0.882	9999.9
	2205.5	34.2	0.332	0.051	1273.7
	580.0	1144.7	0.339	0.077	311.1
	989.9	0.108	0.341	0.301	294.0
	8.17		0.265	0.014	468.4
95.119	9.72			-0.092	326.8
					0.0
97	26.19	385.3	0.333	-0.883	9999.9
	2143.6	34.3	0.329	0.049	1480.7
	580.9	1145.2	0.340	0.067	312.5
	986.2	0.108	0.339	0.302	294.7
	8.31		0.269	0.015	468.1
96.119	9.72			-0.092	327.4
					0.0
98	26.20	381.9	0.330	-0.882	9999.9
	2178.7	34.3	0.332	0.048	9999.9
	580.0	1145.9	0.339	0.066	316.2
	987.9	0.108	0.341	0.301	294.7
	8.23		0.268	0.008	467.4
97.119	9.71			-0.092	327.6
					0.0
99	26.25	385.3	0.330	-0.881	9999.9
	2167.0	34.2	0.331	0.051	9999.9
	580.2	1145.9	0.340	0.065	315.1
	984.7	0.108	0.341	0.304	294.8
	8.19		0.269	0.000	478.2
98.119	9.73			-0.092	327.6
					0.0
100	26.21	385.3	0.333	-0.882	9999.9
	2176.0	34.3	0.334	0.050	9999.9
	581.6	1146.9	0.345	0.067	318.0
	986.2	0.108	0.341	0.310	294.8
	8.23		0.267	0.021	483.9
99.119	9.73			-0.093	329.7
					0.0

					45
101	26.10	385.5	0.331	-0.880	9999.9
	2176.2	34.2	0.338	0.056	9999.9
	580.0	1146.5	0.343	0.067	320.0
	985.7	0.107	0.340	0.304	294.7
	8.20		0.268	0.010	480.8
100.119	9.74			-0.092	329.3
					0.0
102	26.42	385.3	0.332	-0.881	9999.9
	2096.9	34.3	0.336	0.049	9999.9
	580.2	1146.7	0.345	0.063	322.3
	984.4	0.109	0.341	0.300	294.8
	8.33		0.267	0.032	488.8
101.119	9.74			-0.092	328.9
					0.0
103	26.27	385.6	0.334	-0.881	1403.2
	2156.3	34.3	0.336	0.052	9999.9
	580.3	1147.4	0.346	0.068	323.2
	986.2	0.100	0.340	0.312	294.7
	8.23		0.267	0.006	485.2
102.119	9.74			-0.093	329.7
					0.0
104	26.33	385.6	0.330	-0.882	984.8
	2115.0	34.2	0.335	0.051	9999.9
	580.2	1148.1	0.344	0.068	327.0
	984.7	0.109	0.343	0.302	294.8
	8.31		0.268	0.004	484.0
103.119	9.74			-0.093	330.0
					0.0
105	26.37	385.8	0.331	-0.882	9999.9
	2167.4	34.3	0.333	0.052	1485.2
	580.0	1146.9	0.345	0.069	329.6
	986.2	0.109	0.341	0.306	294.8
	8.17		0.265	0.014	484.4
104.119	9.75			-0.092	331.3
					0.0
106	26.21	385.7	0.333	-0.881	9999.9
	2160.9	34.3	0.335	0.051	1164.4
	579.9	1147.0	0.343	0.069	332.2
	986.2	0.108	0.342	0.301	294.5
	8.21		0.264	0.018	484.1
105.119	9.76			-0.092	331.1
					0.0

					45
107	26.33	385.7	0.333	-0.881	9999.9
	2160.6	34.3	0.335	0.052	9999.9
	580.8	1148.1	0.343	0.070	333.6
	990.9	0.109	0.342	0.303	294.8
	8.27		0.263	0.013	484.4
106.119	9.76			-0.092	330.9
					0.0
108	26.17	385.4	0.334	-0.881	9999.9
	2183.1	34.4	0.337	0.052	9999.9
	579.9	1148.6	0.341	0.068	337.7
	985.7	0.107	0.340	0.303	294.6
	8.14		0.266	0.016	483.6
107.119	9.76			-0.092	332.1
					0.0
109	26.43	386.0	0.333	-0.878	9999.9
	2100.8	34.3	0.334	0.052	9999.9
	579.7	1147.9	0.340	0.066	340.3
	985.2	0.109	0.341	0.303	294.8
	8.29		0.268	0.014	484.8
108.119	9.77			-0.092	332.5
					0.0
110	26.22	386.2	0.336	-0.880	9999.9
	2137.9	34.3	0.334	0.059	9999.9
	580.2	1147.9	0.345	0.070	343.2
	986.7	0.108	0.342	0.304	294.8
	8.27		0.266	0.044	485.9
109.119	9.77			-0.092	334.1
					0.0
111	26.27	386.1	0.322	0.000	305.1
	2141.1	34.3	0.336	0.055	9999.9
	579.9	1147.5	0.344	0.068	345.8
	987.2	0.108	0.341	0.303	294.9
	8.26		0.270	0.011	486.9
110.119	9.76			-0.092	333.8
					0.0
112	26.28	386.3	0.332	-0.879	9999.9
	2153.0	34.3	0.336	0.053	9999.9
	580.0	1148.4	0.343	0.067	348.1
	990.7	0.108	0.343	0.302	294.8
	8.28		0.264	0.011	490.8
111.119	9.76			-0.092	334.9
					0.0

					45
113	26.33	385.7	0.333	-0.879	9999.9
	2171.5	34.3	0.335	0.058	9999.9
	580.0	1147.7	0.343	0.068	349.4
	986.9	0.109	0.342	0.302	294.8
	8.15		0.266	0.009	489.8
112.119	9.78			-0.092	335.9
					0.0
114	26.20	386.2	0.335	-0.882	9999.9
	2142.4	34.3	0.330	0.051	9999.9
	580.1	1146.2	0.344	0.069	352.5
	990.9	0.108	0.342	0.304	294.9
	8.33		0.270	0.016	492.9
113.119	9.76			-0.091	335.7
					0.0
115	26.56	382.5	0.334	-0.883	9999.9
	2134.9	34.3	0.335	0.053	9999.9
	580.0	1144.7	0.344	0.069	351.7
	988.4	0.111	0.343	0.303	294.9
	8.24		0.265	0.019	493.2
114.119	9.76			-0.092	336.3
					0.0
116	26.26	386.4	0.325	-0.882	9999.9
	2155.0	34.3	0.336	0.052	9999.9
	580.0	1146.7	0.345	0.068	356.3
	988.7	0.108	0.344	0.303	295.0
	8.24		0.266	0.021	497.3
115.119	9.77			-0.092	336.7
					0.0
117	26.37	386.5	0.328	-0.881	9999.9
	2127.3	34.4	0.338	0.056	9999.9
	579.5	1147.2	0.346	0.069	357.7
	990.7	0.109	0.343	0.303	295.0
	8.32		0.265	0.013	501.4
116.119	9.75			-0.092	337.4
					0.0
118	26.26	386.7	0.335	-0.881	9999.9
	2144.2	34.3	0.338	0.051	9999.9
	579.8	1146.4	0.346	0.067	359.9
	986.2	0.108	0.343	0.303	295.0
	8.25		0.271	0.013	515.8
117.119	9.75			-0.092	337.4
					0.0

119	26.41	386.7	0.335	-0.881	9999.9
	2142.8	34.3	0.338	0.055	9999.9
	579.5	1146.0	0.347	0.071	361.6
	989.2	0.109	0.345	0.304	295.1
	8.23		0.272	0.015	536.9
118.119	9.78			-0.093	336.7
					0.0
120	24.37	386.8	0.336	-0.881	9999.9
	2296.3	34.3	0.338	0.052	9999.9
	579.5	1146.9	0.346	0.069	363.4
	986.4	0.093	0.345	0.302	295.1
	8.26		0.270	0.015	572.4
119.119	9.78			-0.092	338.1
					0.0
121	26.25	383.6	0.335	-0.880	300.4
	2157.7	34.4	0.343	0.053	9999.9
	580.0	1145.5	0.347	0.069	365.3
	989.4	0.108	0.344	0.306	295.1
	8.24		0.271	0.007	720.0
120.119	9.78			-0.092	339.4
					0.0
122	26.30	383.1	0.337	-0.882	0.0
	2155.6	34.4	0.340	0.051	9999.9
	579.6	1145.7	0.345	0.070	367.0
	987.4	0.109	0.346	0.303	295.1
	8.20		0.271	0.014	1328.5
121.119	9.78			-0.093	340.3
					0.0
123	26.42	387.1	0.340	-0.881	9999.9
	2084.2	34.3	0.338	0.054	9999.9
	579.6	1146.4	0.345	0.070	367.9
	979.2	0.109	0.347	0.302	295.1
	8.24		0.271	0.026	1328.5
122.119	9.78			-0.092	341.3
					0.0

ARC POWER OFF

MODEL 29

2-MW PJ FACILITY CONCRETE SAMPLE TEST NO 188 - RUN NO. 53

	FAC. OPERATING PARAMETERS		PROBE		MODEL
			PRESS	HEAT FLUX	TEMP
		PRES-N/CM 2	N/CM 2	KW/CM 2	DEG K
POINT NO	GAS FLO-G/S	HEATER MAN	1	1	TC-1
	ENTHALPY-CAL/G	ARC CHAMB	2	2	TC-2
	CURRENT-AMPS	VENTURI	3	3	TC-3
	VOLTS	VENTURI DP	4	4	TC-4
	WATER FLO-L/S		5	5	TC-5
TIME SEC	WATER DT-DEG K			6	TC-6
					TC-7
					PYROM
1	113.49	1399.8	0.000	0.000	311.7
	762.3	119.6	0.000	0.256	295.7
	351.8	1905.8	0.000	0.169	294.9
	2337.3	1.215	0.000	0.142	526.7
	8.27		0.000	0.267	308.5
0.100	13.31			0.118	305.0
					0.0
					0.0
2	120.68	1595.9	0.422	0.000	317.8
	1097.1	136.6	3.592	0.314	296.6
	403.1	1888.0	3.669	0.201	295.1
	2675.9	1.386	3.412	0.170	556.9
	8.25		2.333	0.308	312.1
1.119	15.20			0.125	309.8
					296.3
					0.0
3	120.97	1595.8	0.549	0.000	320.7
	1082.2	136.5	3.572	0.338	296.9
	400.0	1895.9	3.920	0.219	295.4
	2683.4	1.387	3.595	0.184	563.4
	8.29		2.759	0.311	314.2
2.119	15.16			0.120	310.5
					0.0
					0.0
4	120.92	1595.8	0.701	0.000	323.3
	1073.0	136.5	3.453	0.343	297.4
	400.6	1898.0	4.065	0.223	295.4
	2677.4	1.384	3.741	0.181	549.2
	8.36		2.663	0.322	316.1
3.119	15.16			0.119	312.3
					290.1
					0.0
					53
5	120.73	1596.2	0.706	0.000	326.4
	1088.9	136.7	3.235	0.355	298.4
	400.6	1893.2	4.269	0.236	295.7
	2687.4	1.384	3.945	0.196	541.3
	8.32		2.456	0.325	319.4
4.119	15.15			0.106	313.9
					293.7
					0.0
6	120.58	1595.3	0.690	0.000	329.6
	1089.0	136.6	3.096	0.347	298.2
	402.3	1894.6	4.455	0.236	295.9
	2679.1	1.379	4.065	0.198	536.0
	8.34		2.292	0.343	321.6
5.119	15.16			0.107	315.9
					301.7
					0.0
7	120.15	1594.9	0.723	0.000	332.2
	1104.9	136.6	2.924	0.339	298.5
	401.6	1884.6	4.651	0.244	295.9
	2676.9	1.376	4.326	0.207	524.1
	8.20		2.092	0.333	323.5
6.119	15.15			0.103	317.9
					329.1
					0.0
8	120.39	1594.9	0.690	0.000	335.4
	1098.8	136.4	2.823	0.338	298.8
	402.3	1895.9	4.855	0.252	296.2
	2676.6	1.374	4.466	0.212	519.1
	8.26		2.000	0.342	328.3
7.119	15.16			0.107	320.5
					337.4
					0.0
9	120.12	1595.5	0.701	0.000	338.5
	1101.2	136.5	2.672	0.314	299.8
	401.4	1889.8	5.196	0.267	296.4
	2681.9	1.372	4.689	0.219	516.9
	8.27		1.757	0.328	332.5
8.119	15.13			0.093	323.1
					375.7
					0.0
10	120.04	1595.1	0.657	0.000	341.4
	1095.4	136.5	2.474	0.281	300.2
	400.8	1890.2	5.551	0.277	296.4
	2682.9	1.370	4.963	0.245	501.5
	8.29		1.574	0.313	335.8
9.119	15.15			0.096	324.1
					324.6
					0.0

					53
11	119.98	1594.4	0.665	0.000	344.8
	1095.2	136.8	2.311	0.262	300.8
	399.6	1888.3	5.902	0.299	296.7
	2685.9	1.370	5.254	0.246	511.5
	8.29		1.501	0.298	339.5
10.119	15.11			0.076	329.9
					327.9
					0.0
12	119.92	1593.7	0.662	0.000	347.9
	1102.6	136.9	2.181	0.255	301.3
	399.8	1886.6	6.433	0.310	297.0
	2690.4	1.370	5.476	0.274	503.3
	8.27		1.318	0.282	343.0
11.119	15.11			0.069	331.3
					291.3
					0.0
13	120.10	1593.5	0.651	0.000	351.1
	1100.9	137.0	1.902	0.254	301.8
	401.0	1889.0	6.776	0.316	297.0
	2684.2	1.372	5.709	0.252	490.8
	8.29		1.195	0.276	346.0
12.119	15.10			0.067	334.1
					377.6
					0.0
14	120.09	1593.5	0.635	0.000	354.2
	1102.6	136.8	1.847	0.253	302.7
	403.3	1891.7	6.772	0.320	297.4
	2668.6	1.370	5.694	0.272	494.6
	8.28		1.135	0.282	353.5
13.119	15.09			0.064	337.3
					332.6
					0.0
15	119.66	1593.6	0.640	0.000	356.0
	1125.0	137.0	1.835	0.253	302.2
	402.5	1881.2	6.768	0.325	297.0
	2680.9	1.368	5.732	0.283	507.0
	8.19		1.133	0.282	348.1
14.119	15.07			0.070	332.0
					341.8
					0.0
16	120.27	1591.6	0.665	0.000	359.5
	1108.5	137.5	1.856	0.253	304.0
	399.9	1890.9	6.845	0.319	297.5
	2699.2	1.375	5.700	0.281	486.1
	8.29		1.174	0.291	357.3
15.119	15.05			0.070	337.1
					354.1
					0.0
					53
17	120.19	1591.5	0.623	0.000	361.9
	1111.4	137.3	1.847	0.253	303.9
	400.9	1886.6	6.817	0.311	297.5
	2688.9	1.376	5.673	0.274	481.0
	8.25		1.140	0.273	359.5
16.119	15.04			0.073	337.3
					373.2
					0.0
18	120.54	1591.9	0.621	0.000	364.6
	1111.4	137.2	1.850	0.250	304.8
	402.0	1894.9	6.792	0.321	297.7
	2685.7	1.378	5.762	0.282	491.8
	8.27		1.191	0.285	362.3
17.119	15.02			0.059	339.9
					350.5
					0.0
19	120.33	1591.8	0.662	0.000	367.4
	1096.3	137.2	1.864	0.244	305.4
	399.9	1890.2	6.831	0.322	297.8
	2690.2	1.376	5.691	0.283	488.3
	8.34		1.147	0.291	368.0
18.119	15.03			0.063	342.5
					376.3
					0.0
20	120.23	1591.8	0.646	0.000	370.1
	1108.8	137.3	1.876	0.253	306.0
	400.3	1889.5	6.847	0.314	297.9
	2698.5	1.375	5.739	0.271	483.8
	8.31		1.070	0.286	370.5
19.119	15.03			0.064	341.9
					392.5
					0.0
21	120.30	1592.0	0.646	0.000	372.3
	1115.9	137.3	1.815	0.257	306.6
	400.1	1892.9	6.890	0.330	298.0
	2698.7	1.374	5.778	0.281	495.5
	8.25		1.082	0.295	372.6
20.119	15.03			0.072	343.0
					361.0
					0.0
22	120.28	1592.1	0.626	0.000	375.0
	1126.9	137.5	1.853	0.252	307.0
	400.9	1890.0	6.872	0.326	298.0
	2695.7	1.376	5.780	0.282	496.3
	8.17		1.087	0.288	377.8
21.119	15.03			0.070	343.4
					396.2
					0.0

					53
23.	120.20	1592.3	0.579	0.000	377.1
	1099.7	137.5	1.803	0.247	308.0
	400.1	1885.6	6.876	0.320	298.0
	2700.2	1.377	5.703	0.283	497.7
	8.38		1.072	0.295	379.3
22.119	15.05			0.078	342.7
					353.5
					0.0
24	120.35	1592.7	0.618	0.000	379.1
	1103.5	137.6	1.824	0.243	308.4
	400.3	1892.7	6.929	0.260	297.9
	2701.5	1.375	5.762	0.228	508.2
	8.36		1.109	0.195	379.8
23.119	15.03			0.066	342.4
					377.2
					0.0
25	120.25	1593.4	1.297	0.000	371.3
	1106.3	137.8	0.828	0.031	304.0
	399.4	1891.5	1.699	0.026	294.1
	2709.8	1.374	1.381	0.018	603.1
	8.36		0.889	0.017	306.2
24.119	15.04			0.016	292.8
					0.0
					0.0
26	120.13	1594.0	1.162	0.000	384.2
	1117.8	137.7	0.102	0.033	310.1
	398.9	1888.3	0.325	0.024	297.9
	2714.0	1.373	0.279	0.021	502.9
	8.29		0.631	0.025	386.2
25.119	15.03			0.027	344.9
					414.7
					0.0
27	119.98	1594.4	1.170	0.000	394.4
	1117.0	137.7	-0.070	0.027	314.0
	401.4	1884.6	0.073	0.019	299.7
	2692.7	1.373	0.102	0.015	409.4
	8.27		0.576	0.018	448.6
26.119	15.05			0.023	378.9
					324.9
					0.0
28.	120.26	1594.6	1.219	0.000	393.4
	1119.5	137.8	-0.116	0.020	312.8
	401.1	1892.9	0.090	0.016	298.5
	2706.0	1.373	0.043	0.009	459.5
	8.30		0.537	0.008	420.0
27.119	15.05			0.013	357.6
					376.4
					0.0

PROBE OUT

MODEL IN

					53
29	120.09	1594.4	1.228	0.000	387.1
	1137.5	137.8	-0.116	0.021	309.6
	400.8	1887.0	0.002	0.021	295.7
	2710.3	1.373	0.036	0.030	549.9
	8.18		0.501	0.006	349.4
28.119	15.06			0.019	316.7
					414.2
					0.0
30	120.28	1594.6	1.233	0.000	392.1
	1111.9	137.7	-0.061	0.020	311.3
	399.1	1892.4	0.037	0.012	296.1
	2714.5	1.374	0.050	0.008	540.6
	8.31		0.569	0.009	360.7
29.119	15.07			0.028	322.7
					336.2
					0.0
31	120.22	1594.4	1.291	0.000	396.9
	1105.6	137.8	-0.041	0.018	312.5
	398.6	1892.4	0.018	0.012	296.1
	2713.5	1.373	0.034	0.008	531.2
	8.34		0.518	0.012	369.5
30.119	15.07			0.019	323.1
					321.1
					0.0
32.	120.03	1594.8	1.330	0.000	406.6
	1111.1	137.7	-0.076	0.010	314.2
	400.6	1891.9	0.033	0.012	296.8
	2701.0	1.369	0.054	0.011	513.1
	8.30		0.508	0.003	388.5
31.119	15.09			0.022	332.7
					338.2
					0.0
33	119.92	1594.7	1.388	0.000	414.2
	1117.6	137.7	-0.073	0.027	315.1
	401.1	1887.6	-0.012	0.016	296.8
	2702.0	1.369	0.025	0.010	511.2
	8.29		0.480	0.009	391.7
32.119	15.09			0.019	331.9
					394.5
					0.0
34.	119.97	1594.6	1.377	0.000	436.1
	1120.5	137.8	-0.105	0.014	316.0
	400.9	1890.4	-0.035	0.012	296.6
	2711.0	1.368	0.068	0.008	495.3
	8.30		0.441	0.012	393.3
33.119	15.12			0.018	327.1
					319.1
					0.0

					53
35	119.98	1594.8	1.440	0.000	459.7
	1115.9	137.8	-0.107	0.014	316.3
	398.9	1889.7	-0.002	0.011	296.1
	2711.8	1.369	0.132	0.013	530.3
	8.27		0.636	0.010	376.2
34.119	15.08			0.021	318.5
					302.8
					0.0
36	120.01	1594.9	1.404	0.000	507.2
	1112.6	137.8	-0.070	0.012	317.6
	398.9	1892.2	0.039	0.011	295.9
	2714.8	1.368	0.147	0.010	532.2
	8.30		0.455	0.005	371.7
35.119	15.11			0.018	318.1
					0.0
					0.0
37.	120.12	1595.4	1.424	0.000	566.3
	1102.4	137.9	-0.113	0.018	319.2
	397.9	1893.4	0.027	0.011	295.8
	2712.5	1.369	0.132	0.019	544.4
	8.32		0.472	0.032	369.1
36.119	15.10			0.017	313.6
					0.0
					0.0
38	119.94	1595.5	1.390	0.000	671.9
	1123.9	137.9	-0.113	0.014	320.7
	398.2	1887.6	-0.002	0.015	295.6
	2716.5	1.369	0.159	0.010	544.1
	8.19		0.439	0.006	369.7
37.119	15.11			0.017	312.6
					290.2
					0.0
39	120.24	1596.0	1.413	0.000	810.4
	1102.7	137.8	-0.136	0.023	322.6
	395.9	1894.2	0.029	0.016	295.8
	2717.5	1.372	0.204	0.009	541.9
	8.25		0.427	0.004	376.7
38.119	15.12			0.012	314.4
					291.8
					0.0
40	119.85	1595.8	1.390	0.000	1030.0
	1115.5	137.9	-0.110	0.013	327.8
	398.9	1886.8	0.010	0.013	295.6
	2709.8	1.368	0.143	0.013	534.5
	8.23		0.398	0.005	373.1
39.119	15.15			0.018	312.7
					290.4
					0.0

					53
41	120.20	1596.2	1.346	0.000	1537.8
	1105.1	137.9	-0.136	0.015	385.1
	400.1	1895.3	0.027	0.010	295.5
	2713.0	1.370	0.166	0.009	519.5
	8.34		0.477	0.013	376.0
40.119	15.19			0.010	311.6
					293.3
					0.0
42.	119.71	1596.3	1.352	0.000	9999.9
	1115.3	137.8	-0.122	0.010	365.7
	399.2	1884.6	0.016	0.010	295.4
	2713.0	1.366	0.138	0.009	523.8
	8.24		0.492	0.003	375.9
41.119	15.21			0.013	310.5
					0.0
					0.0
43.	119.83	1596.8	1.377	0.000	9999.9
	1116.4	137.9	-0.110	0.013	354.0
	399.3	1888.5	0.020	0.010	295.6
	2714.3	1.366	0.186	0.008	541.7
	8.25		0.521	0.010	377.8
42.119	15.19			0.010	308.6
					0.0
					0.0
44	119.87	1596.5	1.371	0.000	9999.9
	1125.7	137.8	-0.145	0.011	352.8
	400.4	1888.7	-0.022	0.011	295.5
	2713.8	1.367	0.143	0.017	564.7
	8.22		0.559	0.010	387.1
43.119	15.20			0.019	311.4
					0.0
					0.0
45	119.56	1596.8	1.305	0.000	9999.9
	1117.4	138.1	-0.160	0.009	364.9
	400.8	1882.9	0.024	0.008	295.6
	2716.8	1.364	0.134	0.008	552.2
	8.35		0.530	0.011	396.7
44.119	15.18			0.014	311.4
					0.0
					0.0
46	119.73	1596.9	1.299	0.000	9999.9
	1110.4	138.0	-0.134	0.012	370.3
	399.7	1887.1	0.010	0.012	295.6
	2709.5	1.365	0.100	0.010	556.9
	8.32		0.602	0.009	408.2
45.119	15.14			0.010	313.7
					0.0
					0.0

					53
47	119.60	1596.9	1.299	0.000	9999.9
	1103.3	137.9	-0.183	0.016	367.8
	397.5	1886.1	0.045	0.011	295.7
	2725.3	1.363	0.098	0.011	571.2
	8.34		0.704	0.006	419.9
46.119	15.23			0.016	313.1
					297.1
					0.0
48	119.56	1596.3	1.341	0.000	9999.9
	1116.6	138.0	-0.119	0.022	364.3
	398.9	1887.5	0.006	0.013	295.6
	2713.3	1.361	0.172	0.014	570.5
	8.26		0.713	0.003	420.4
47.119	15.16			0.014	313.2
					0.0
					0.0
49	119.48	1596.9	1.319	0.000	9999.9
	1127.8	138.0	-0.052	0.010	375.9
	399.1	1885.4	0.033	0.017	295.8
	2711.3	1.361	0.125	0.013	565.2
	8.18		0.653	0.007	429.4
48.119	15.16			0.015	313.9
					297.3
					0.0
50	119.52	1596.6	1.244	0.000	9999.9
	1104.0	137.8	-0.023	0.012	375.8
	399.5	1887.1	0.035	0.013	295.9
	2705.7	1.360	0.120	0.009	550.8
	8.34		0.595	0.006	435.3
49.119	15.16			0.017	313.8
					293.8
					0.0
51	119.71	1596.8	1.264	0.000	9999.9
	1127.6	138.1	-0.003	0.009	377.4
	401.8	1891.4	0.018	0.014	296.1
	2712.8	1.361	0.068	0.011	573.7
	8.28		0.607	0.007	436.2
50.119	15.17			0.015	313.7
					290.4
					0.0
52	119.84	1597.2	1.275	0.000	9999.9
	1113.3	138.1	0.032	0.010	378.2
	400.1	1895.6	0.010	0.011	296.1
	2719.0	1.361	0.039	0.010	574.9
	8.34		0.530	0.014	441.0
51.119	15.19			0.018	313.5
					292.8
					0.0
53	119.80	1597.4	1.324	0.000	9999.9
	1126.7	138.3	0.081	0.013	386.8
	400.8	1896.6	0.018	0.014	296.3
	2722.6	1.360	0.082	0.010	504.2
	8.29		0.562	0.006	442.7
52.119	15.18			0.015	316.5
					0.0
					0.0
54	119.76	1597.9	1.319	0.000	9999.9
	1126.7	138.4	0.099	0.035	386.0
	399.6	1896.8	-0.010	0.017	296.2
	2722.8	1.359	0.088	0.013	584.0
	8.30		0.537	0.014	445.5
53.119	15.21			0.020	317.1
					324.0
					0.0
55	119.86	1598.0	1.305	0.000	9999.9
	1130.2	138.5	-0.058	0.014	391.4
	400.4	1896.1	-0.065	0.017	296.3
	2724.6	1.361	0.061	0.007	572.6
	8.24		0.549	0.014	449.4
54.119	15.21			0.015	323.4
					0.0
					0.0
56	119.84	1598.1	1.299	0.000	9999.9
	1113.2	138.4	-0.035	0.006	396.7
	399.9	1896.8	-0.016	0.014	296.5
	2721.8	1.361	0.100	0.012	584.7
	8.33		0.528	0.017	450.5
55.119	15.23			0.025	328.8
					295.4
					0.0
57	119.56	1598.2	1.239	0.000	9999.9
	1115.3	138.6	-0.046	0.013	394.7
	399.7	1899.2	-0.053	0.012	295.5
	2728.6	1.360	0.041	0.005	583.7
	8.34		0.462	0.009	450.4
56.119	15.22			0.026	312.7
					0.0
					0.0
58	119.76	1598.1	1.241	0.000	9999.9
	1117.8	138.2	-0.070	0.014	393.7
	399.7	1893.6	0.018	0.016	296.5
	2717.5	1.360	0.086	0.010	584.2
	8.26		0.586	0.009	457.6
57.119	15.24			0.024	338.9
					288.9
					0.0

					53
59	119.49	1597.9	1.297	0.000	9999.9
	1117.8	138.3	-0.113	0.010	407.7
	398.9	1888.7	0.057	0.013	296.7
	2725.3	1.358	0.150	0.012	588.8
	8.27		0.492	0.001	461.7
58.119	15.28			0.008	346.1
					290.9
					0.0
60	119.43	1597.5	1.250	0.000	9999.9
	1116.5	138.3	-0.081	0.008	426.3
	398.5	1888.1	0.129	0.011	296.7
	2726.6	1.358	0.129	0.039	589.1
	8.27		0.598	0.007	464.0
59.119	15.29			0.016	351.8
					0.0
					0.0
61	119.36	1597.1	1.266	0.000	9999.9
	1124.9	138.4	-0.076	0.010	476.5
	401.3	1890.9	0.153	0.014	297.0
	2723.1	1.356	0.100	0.005	588.0
	8.29		0.564	0.029	467.4
60.119	15.32			0.022	359.0
					292.5
					0.0
62	119.50	1597.4	1.299	0.000	595.8
	1117.2	138.3	-0.078	0.010	661.4
	400.3	1890.9	0.143	0.019	297.3
	2725.3	1.357	0.068	0.006	582.4
	8.32		0.552	0.008	465.5
61.119	15.31			0.017	365.0
					0.0
					0.0
63	119.56	1597.9	1.352	0.000	0.0
	1126.1	138.6	-0.032	0.013	1010.6
	402.0	1890.4	0.045	0.018	297.5
	2727.8	1.359	0.181	0.012	584.2
	8.32		0.576	0.008	463.7
62.119	15.36			0.014	377.9
					0.0
					0.0
64	119.59	1598.2	1.308	0.000	9999.9
	1105.5	138.2	-0.020	0.012	1391.1
	399.9	1893.2	0.024	0.013	297.9
	2720.3	1.358	0.157	0.007	574.0
	8.35		0.564	0.009	461.2
63.119	15.32			0.016	392.8
					292.9
					0.0
65	119.36	1598.5	1.302	0.000	9999.9
	1124.1	138.3	-0.064	0.011	9999.9
	399.8	1887.1	0.041	0.014	298.3
	2730.9	1.357	0.164	0.008	567.4
	8.26		0.528	0.019	471.7
64.119	15.36			0.020	414.9
					0.0
					0.0
66	119.19	1598.2	1.288	0.000	9999.9
	1120.3	138.1	-0.036	0.010	9999.9
	398.9	1886.8	0.055	0.017	298.8
	2722.1	1.355	0.130	0.013	339.0
	8.22		0.533	0.006	478.0
65.119	15.33			0.025	431.5
					0.0
					0.0
67	119.40	1598.3	1.247	0.000	9999.9
	1114.5	138.3	-0.067	0.012	9999.9
	399.4	1892.0	0.049	0.021	299.3
	2732.3	1.354	0.132	0.006	571.5
	8.33		0.333	0.010	473.7
66.119	15.35			0.018	433.9
					0.0
					0.0
68	119.46	1598.5	1.313	0.000	9999.9
	1115.4	138.4	-0.078	0.011	9999.9
	399.7	1891.5	-0.010	0.017	300.1
	2720.0	1.356	0.122	0.013	579.6
	8.26		0.586	0.008	475.7
67.119	15.34			0.016	441.8
					290.2
					0.0
69	119.47	1597.1	1.286	0.000	9999.9
	1114.9	138.3	-0.107	0.012	9999.9
	399.8	1887.6	-0.012	0.017	301.0
	2730.3	1.359	0.102	0.010	569.2
	8.33		0.549	0.006	479.8
68.119	15.35			0.019	444.3
					0.0
					0.0
70	119.61	1597.5	1.280	0.000	9999.9
	1114.4	138.4	-0.093	0.012	9999.9
	402.5	1890.9	0.014	0.020	302.1
	2716.3	1.360	0.111	0.006	564.9
	8.32		0.583	0.016	484.4
69.119	15.39			0.012	441.5
					291.5
					0.0

					53
71	119.69	1597.9	1.250	0.000	9999.9
	1114.7	138.4	-0.078	0.015	9999.9
	399.6	1895.6	0.037	0.015	303.6
	2729.3	1.358	0.084	0.010	573.4
	8.28		0.619	0.007	493.5
	15.38			0.014	466.3
					297.3
					0.0
72	119.57	1598.3	1.250	0.000	9999.9
	1111.0	138.3	-0.110	0.014	9999.9
	400.3	1890.9	0.059	0.014	305.3
	2714.8	1.359	0.113	0.011	591.3
	8.28		0.588	0.009	502.5
	15.34			0.019	519.5
					303.1
					0.0
73	119.65	1598.2	1.222	0.000	9999.9
	1120.2	138.5	-0.076	0.012	9999.9
	400.5	1894.4	0.016	0.015	307.2
	2725.6	1.358	0.077	0.010	582.6
	8.26		0.557	0.000	512.1
	15.36			0.013	589.4
					289.5
					0.0
74	119.54	1598.3	1.233	0.000	9999.9
	1113.0	138.5	-0.122	0.012	9999.9
	400.4	1891.7	0.059	0.024	309.8
	2728.8	1.358	0.054	0.020	569.3
	8.34		0.540	0.007	521.5
	15.36			0.019	658.6
					289.9
					0.0
75	119.42	1598.5	1.217	0.000	9999.9
	1119.4	138.5	-0.052	0.012	9999.9
	400.8	1885.9	0.045	0.016	313.0
	2725.6	1.359	0.032	0.007	566.9
	8.30		0.593	0.010	538.1
	15.37			0.017	718.8
					289.6
					0.0
76	119.70	1598.6	1.272	0.000	9999.9
	1119.0	138.5	0.035	0.009	9999.9
	400.4	1889.3	0.039	0.014	316.9
	2725.8	1.363	0.039	0.010	580.9
	8.27		0.607	0.007	554.7
	15.36			0.022	821.7
					295.0
					0.0

					53
77	119.62	1598.2	1.286	0.000	9999.9
	1118.4	138.5	-0.061	0.013	9999.9
	400.9	1884.3	0.063	0.018	322.1
	2722.1	1.360	0.054	0.018	571.9
	8.29		0.578	0.005	570.5
	15.36			0.010	1391.3
					0.0
					0.0
78	119.63	1599.0	1.324	0.000	9999.9
	1126.0	138.7	-0.006	0.011	9999.9
	400.8	1886.5	0.057	0.014	328.2
	2732.8	1.363	0.064	0.014	579.7
	8.30		0.513	0.007	586.9
	15.33			0.021	1391.3
					0.0
					0.0
79	119.48	1599.2	1.435	0.000	9999.9
	1120.9	138.7	-0.067	0.008	9999.9
	401.8	1882.9	0.061	0.014	334.1
	2734.1	1.362	0.104	0.011	569.5
	8.37		0.508	0.007	617.1
	15.39			0.018	1391.3
					0.0
					0.0
80	119.84	1599.2	1.443	0.000	9999.9
	1131.8	138.7	-0.023	0.007	9999.9
	401.7	1895.4	0.063	0.014	340.2
	2731.6	1.361	0.109	0.013	579.8
	8.22		0.494	0.008	649.2
	15.41			0.015	1391.3
					293.6
					0.0
81	119.88	1599.2	1.448	0.000	9999.9
	1120.1	138.7	-0.044	0.016	695.8
	401.2	1896.1	0.096	0.011	346.5
	2736.1	1.362	0.150	0.012	568.6
	8.32		0.475	0.008	682.3
	15.40			0.016	1391.3
					0.0
					0.0
82	119.88	1599.9	1.501	0.000	9999.9
	1109.6	138.8	-0.006	0.008	9999.9
	400.1	1897.0	0.055	0.015	354.2
	2735.1	1.361	0.209	0.009	572.5
	8.35		0.617	0.008	721.6
	15.40			0.021	1391.3
					295.8
					0.0

					53
83	119.66	1600.5	1.446	0.000	9999.9
	1120.9	138.7	-0.078	0.010	9999.9
	400.9	1891.2	0.078	0.012	361.7
	2728.3	1.361	0.191	0.011	575.7
	8.26		0.552	0.004	773.7
	15.42			0.017	1391.3
					288.8
					0.0
84	119.69	1600.5	1.481	0.000	9999.9
	1107.9	138.7	-0.006	0.009	9999.9
	400.8	1894.4	0.073	0.015	369.8
	2728.6	1.359	0.238	0.016	569.3
	8.32		0.523	0.005	833.3
	15.48			0.021	1391.3
					0.0
					0.0
85	119.76	1601.0	1.462	0.000	9999.9
	1132.3	138.8	-0.073	0.013	9999.9
	401.6	1894.2	0.061	0.012	376.5
	2733.6	1.361	0.247	0.015	564.1
	8.19		0.542	0.007	917.6
	15.49			0.027	1391.3
					0.0
					0.0
86	119.55	1601.1	1.528	0.000	9999.9
	1106.8	138.7	-0.049	0.012	9999.9
	399.2	1890.7	0.080	0.016	388.2
	2731.6	1.359	0.215	0.007	571.4
	8.29		0.523	0.007	1145.5
	15.49			0.020	1391.3
					0.0
					0.0

ARC POWER OFF

MODEL 30

2-MW PJ FACILITY CONCRETE SAMPLE TEST NO 18H - RUN NO. 54

POINT NO / TIME SEC	FAC. OPERATING PARAMETERS: GAS FLO-G/S	ENTHALPY-CAL/G	CURRENT-AMPS	VOLTS	WATER FLO-L/S	WATER DT-DEG K	PRES-N/CM 2	PROBE: PRESS N/CM 2	PROBE: HEAT FLUX KW/CM 2	MODEL: TEMP DEG K
							HEATER MAN	1	1	TC-1
							ARC CHAMB	2	2	TC-2
							VENTURI	3	3	TC-3
							VENTURI DPI	4	4	TC-4
								5	5	TC-5
									6	TC-6
										TC-7
										PYROM
1	30.36	2162.3	575.5	933.8	8.15		403.5	37.5	1887.5	0.088
0.116	7.71									
2	30.18	2154.3	575.3	937.8	8.26		403.7	37.5	1883.7	0.087
1.119	7.74									
3	30.11	2165.7	575.1	937.3	8.20		403.6	37.5	1883.9	0.086
2.119	7.77									
4	30.19	2139.0	575.4	935.5	8.22		403.7	37.5	1884.3	0.087
3.119	7.80									
5	30.12	2162.8	575.2	938.3	8.17		403.8	37.5	1885.6	0.086
4.119	7.82									
6	30.42	2105.4	575.9	934.8	8.26		403.8	37.5	1884.4	0.088
5.119	7.83									
7	30.05	2151.4	575.8	936.8	8.19		403.9	37.5	1886.5	0.086
6.119	7.86									
8	29.95	2116.8	575.5	936.5	8.32		404.1	37.6	1884.1	0.086
7.119	7.87									
9	29.95	2125.7	575.3	939.3	8.30		403.9	37.7	1883.7	0.086
8.119	7.89									
10	30.02	2129.4	575.6	934.5	8.19		403.9	37.5	1892.6	0.086
9.119	7.90									

					54
	0.000	0.000	295.2		
	0.000	0.261	294.7		
	0.000	0.288	294.1		
	0.000	0.259	294.1		
	0.000	0.250	293.8		
		0.066	0.0		
			666.4		
			0.0		
	0.023	0.000	295.3		
	-0.007	0.241	294.9		
	0.005	0.296	294.3		
	0.007	0.268	294.0		
	-0.014	0.238	291.5		
		0.065	291.0		
			660.5		
			0.0		
	0.005	0.000	295.8		
	-0.013	0.242	295.0		
	0.006	0.295	294.7		
	0.008	0.270	294.0		
	-0.014	0.217	291.4		
		0.061	289.8		
			672.0		
			0.0		
	0.140	0.000	296.6		
	0.695	0.256	294.9		
	1.918	0.294	294.2		
	1.640	0.264	294.1		
	0.238	0.241	290.0		
		0.065	289.9		
			659.1		
			0.0		
					54
	0.171	0.000	297.1		
	0.956	0.258	295.3		
	2.292	0.300	294.1		
	2.000	0.272	294.0		
	0.335	0.248	290.9		
		0.061	291.5		
			660.0		
			0.0		
	0.198	0.000	297.2		
	1.059	0.236	295.2		
	2.308	0.286	294.0		
	2.012	0.262	294.1		
	0.399	0.233	291.1		
		0.050	290.6		
			659.4		
			0.0		
	0.210	0.000	298.7		
	1.084	0.229	295.8		
	2.313	0.296	294.2		
	2.014	0.271	294.2		
	0.444	0.228	291.5		
		0.061	292.2		
			659.3		
			0.0		
	0.231	0.000	299.0		
	1.101	0.229	296.5		
	2.312	0.296	294.0		
	2.012	0.269	294.2		
	0.466	0.213	290.6		
		0.070	289.7		
			659.6		
			0.0		
	0.237	0.000	299.9		
	1.101	0.236	295.3		
	2.313	0.298	294.1		
	2.012	0.271	294.2		
	0.483	0.240	293.4		
		0.060	289.3		
			660.5		
			0.0		
	0.252	0.000	299.9		
	1.098	0.239	295.7		
	2.306	0.294	294.0		
	2.012	0.266	294.2		
	0.485	0.235	294.9		
		0.058	288.9		
			657.7		
			0.0		

					54
11	30.27	2100.8	575.7	938.1	8.28
10.119	7.91				
	403.8	37.6	1885.1	0.087	
	0.256	1.098	2.318	2.018	0.489
	0.000	0.233	0.302	0.278	0.245
					0.051
	301.0	295.8	294.1	294.2	293.0
	289.8	659.1	0.0		
12	30.05	2108.9	575.3	938.3	8.28
11.119	7.93				
	404.2	37.7	1886.5	0.086	
	0.252	1.105	2.315	2.008	0.492
	0.000	0.241	0.303	0.271	0.235
					0.063
	301.6	296.0	294.1	294.3	293.7
	289.5	658.5	0.0		
13	30.02	2116.6	575.1	940.3	8.28
12.119	7.94				
	404.2	37.7	1882.7	0.086	
	0.249	1.102	2.321	2.015	0.492
	0.000	0.243	0.297	0.268	0.241
					0.074
	302.1	296.1	294.0	294.4	294.2
	290.2	663.4	0.0		
14	30.11	2110.2	575.4	940.3	8.27
13.119	7.96				
	404.7	37.7	1884.3	0.086	
	0.255	1.097	2.320	2.017	0.495
	0.000	0.238	0.307	0.280	0.231
					0.059
	302.8	296.1	294.2	294.3	293.3
	289.8	665.5	0.0		
15	29.90	2113.7	575.3	938.1	8.27
14.119	7.96				
	404.2	37.7	1887.1	0.085	
	0.248	1.103	2.327	2.015	0.496
	0.000	0.236	0.253	0.226	0.169
					0.060
	303.7	296.3	296.1	294.4	294.5
	290.5	662.4	0.0	PROBE OUT	
16	29.95	2103.2	575.6	940.6	8.34
15.119	7.97				
	404.4	37.7	1883.1	0.086	
	0.383	0.893	1.253	1.107	0.444
	0.000	0.026	0.021	0.019	0.025
					0.007
	303.4	296.1	294.0	294.4	295.6
	290.0	661.4	0.0	MODEL IN	
					54
17	30.00	2096.4	575.1	939.3	8.31
16.119	7.97				
	404.4	37.8	1880.7	0.086	
	0.385	0.642	0.767	0.695	0.388
	0.000	0.029	0.020	0.015	0.026
					0.007
	314.8	300.5	297.0	297.1	336.0
	364.2	813.0	0.0		
18	30.19	2098.3	575.1	940.3	8.26
17.119	7.98				
	404.1	37.7	1884.6	0.087	
	0.399	0.530	0.588	0.542	0.360
	0.000	0.027	0.016	0.016	0.007
					0.011
	359.6	319.3	306.5	306.2	564.5
	685.1	989.8	0.0		
19	30.02	2123.6	575.2	940.3	8.20
18.119	8.00				
	404.2	37.7	1882.9	0.086	
	0.395	0.482	0.517	0.479	0.340
	0.000	0.018	0.013	0.012	0.002
					0.002
	371.5	323.1	308.6	307.9	610.9
	746.8	1012.6	0.0		
20	30.07	2058.8	575.0	938.6	8.24
19.119	8.00				
	404.4	37.8	1879.0	0.090	
	0.390	0.437	0.479	0.449	0.334
	0.000	0.019	0.013	0.009	0.002
					0.005
	365.7	321.0	307.0	306.6	576.9
	693.2	928.3	0.0		
21	30.08	2092.6	574.4	942.8	8.30
20.119	8.01				
	404.6	37.8	1880.9	0.086	
	0.386	0.413	0.450	0.424	0.322
	0.000	0.019	0.009	0.008	0.031
					0.008
	363.1	319.6	306.3	306.0	555.6
	662.7	1006.6	0.0		
22	30.22	2087.7	574.1	941.8	8.25
21.119	8.03				
	404.7	37.7	1878.8	0.087	
	0.396	0.406	0.428	0.417	0.314
	0.000	0.012	0.012	0.007	0.009
					0.008
	361.1	318.0	305.5	305.5	539.3
	635.5	861.9	0.0		

					54
23	30.47	404.6	0.398	0.000	356.1
	2062.7	37.7	0.394	0.006	315.8
	573.6	1881.9	0.427	0.008	303.9
	940.1	0.089	0.408	0.004	304.3
	8.21		0.316	0.005	510.3
22.119	8.05			0.006	584.3
					904.1
					0.0
24	30.27	404.6	0.389	0.000	354.9
	2108.9	37.9	0.390	0.010	314.8
	573.5	1885.3	0.424	0.007	303.3
	945.6	0.087	0.405	0.003	303.9
	8.20		0.318	0.016	495.0
23.119	8.03			0.010	559.0
					881.7
					0.0
25	29.92	404.8	0.401	0.000	352.3
	2083.6	37.8	0.388	0.000	313.1
	573.1	1879.9	0.419	0.006	302.2
	941.3	0.086	0.400	0.003	303.0
	8.28		0.308	0.003	469.5
24.119	8.05			0.007	520.8
					845.3
					0.0
26	30.21	404.7	0.405	0.000	350.5
	2075.8	37.8	0.388	0.031	311.1
	572.6	1887.6	0.413	0.005	301.2
	941.3	0.087	0.408	0.003	302.1
	8.22		0.307	-0.004	449.0
25.119	8.05			-0.004	487.7
					813.2
					0.0
27	30.78	404.7	0.395	0.000	349.2
	2081.9	37.9	0.388	0.008	309.8
	573.6	1882.6	0.409	0.007	300.1
	945.6	0.090	0.398	0.001	301.2
	8.15		0.311	-0.004	425.0
26.119	8.05			0.014	453.9
					775.2
					0.0
28	30.17	405.0	0.395	0.000	348.8
	2090.6	37.8	0.399	0.006	307.8
	574.1	1882.6	0.412	0.005	299.2
	942.3	0.087	0.401	0.008	300.3
	8.25		0.309	0.006	403.0
27.119	8.03			0.011	422.2
					750.6
					0.0
29	30.21	405.2	0.400	0.000	352.5
	2105.7	37.9	0.392	0.005	307.7
	573.6	1878.0	0.416	0.004	299.2
	947.1	0.087	0.403	0.002	300.3
	8.25		0.300	-0.010	394.9
28.119	8.03			0.003	410.2
					739.8
					0.0
30	30.06	405.2	0.404	0.000	353.2
	2093.5	37.9	0.396	0.008	306.3
	573.1	1878.7	0.419	0.009	298.0
	945.1	0.086	0.405	0.004	299.3
	8.29		0.304	0.003	377.9
29.119	8.03			0.016	380.9
					721.7
					0.0
31	30.22	405.2	0.398	0.000	356.0
	2088.5	37.9	0.391	0.011	305.7
	572.2	1879.5	0.421	0.004	297.4
	947.3	0.087	0.404	0.005	299.0
	8.28		0.306	0.007	367.6
30.119	8.03			0.016	362.9
					734.2
					0.0
32	30.30	405.0	0.394	0.000	359.2
	2078.5	37.9	0.391	0.004	305.5
	571.9	1879.9	0.417	0.002	297.0
	946.8	0.088	0.401	0.001	298.6
	8.29		0.306	-0.003	355.8
31.119	8.03			0.003	347.7
					698.6
					0.0
33	30.36	405.3	0.401	0.000	362.8
	2077.6	38.0	0.391	0.003	305.2
	571.8	1877.5	0.420	0.003	296.4
	948.3	0.088	0.406	0.002	298.2
	8.29		0.305	-0.002	343.8
32.119	8.03			-0.006	332.7
					702.6
					0.0
34	30.07	405.2	0.399	0.000	368.3
	2121.0	37.9	0.392	0.002	306.3
	572.6	1879.3	0.425	0.002	296.3
	948.6	0.086	0.405	0.004	298.4
	8.23		0.308	-0.010	343.2
33.119	8.03			-0.003	329.9
					675.0
					0.0

					54
35	30.53	405.3	0.399	0.000	373.5
	2076.4	38.0	0.397	0.000	307.7
	573.1	1879.3	0.428	0.001	296.1
	946.8	0.089	0.410	0.003	298.3
	8.26		0.308	0.003	341.4
34.119	8.03			0.006	325.2
					705.2
					0.0
36	30.22	405.3	0.401	0.000	377.6
	2078.8	37.9	0.393	0.005	308.3
	573.0	1878.8	0.425	0.004	296.1
	944.3	0.087	0.406	0.003	298.2
	8.29		0.305	-0.005	337.2
35.119	8.03			-0.003	320.0
					695.6
					0.0
37	30.53	405.2	0.399	0.000	380.5
	2069.5	38.0	0.391	0.006	310.1
	573.7	1880.4	0.421	0.008	295.6
	948.1	0.089	0.405	0.003	298.1
	8.32		0.308	-0.001	335.4
36.119	8.03			-0.006	314.5
					702.1
					0.0
38	30.39	405.4	0.404	0.000	384.5
	2095.3	38.0	0.399	0.005	311.7
	573.9	1881.0	0.422	0.005	295.5
	947.6	0.088	0.406	0.004	298.2
	8.26		0.307	-0.006	333.2
37.119	8.03			-0.003	314.1
					701.0
					0.0
39	30.37	405.8	0.402	0.000	387.7
	2110.5	38.0	0.392	0.012	314.0
	574.6	1879.2	0.427	0.003	295.2
	947.8	0.088	0.408	0.004	298.2
	8.22		0.307	-0.006	332.6
38.119	8.04			0.003	307.5
					707.5
					0.0
40	30.14	405.3	0.398	0.000	392.1
	2097.7	38.1	0.388	0.013	316.7
	574.4	1878.7	0.422	0.004	295.2
	949.1	0.087	0.408	0.003	298.2
	8.35		0.309	0.000	328.5
39.119	8.04			-0.003	306.7
					673.7
					0.0
41	30.46	405.8	0.397	0.000	396.7
	2087.3	38.1	0.391	0.002	319.3
	574.3	1880.7	0.426	0.005	295.1
	950.1	0.089	0.406	0.004	298.2
	8.30		0.305	0.001	327.8
40.119	8.05			-0.002	303.9
					665.3
					0.0
42	30.45	405.8	0.403	0.000	401.2
	2087.6	38.1	0.397	0.007	321.7
	574.6	1879.7	0.427	0.007	294.8
	948.1	0.089	0.408	0.004	298.2
	8.29		0.308	0.013	325.4
41.119	8.04			0.005	298.8
					686.9
					0.0
43	30.37	405.9	0.398	0.000	411.8
	2089.9	38.2	0.392	0.005	325.2
	574.6	1878.7	0.425	0.007	294.9
	950.3	0.088	0.411	0.005	298.3
	8.33		0.313	0.014	328.9
42.119	8.06			0.000	300.7
					681.2
					0.0
44	30.15	405.9	0.407	0.000	428.0
	2099.3	38.1	0.394	0.004	328.2
	574.8	1879.2	0.429	0.005	294.9
	948.3	0.087	0.408	0.003	298.4
	8.32		0.306	-0.001	330.0
43.119	8.06			0.005	297.7
					666.0
					0.0
45	30.40	406.0	0.403	0.000	454.1
	2086.3	38.2	0.391	0.007	331.1
	574.7	1882.2	0.431	0.004	294.7
	948.1	0.088	0.408	0.006	298.3
	8.28		0.304	0.030	328.8
44.119	8.07			0.008	296.2
					664.7
					0.0
46	30.50	406.0	0.403	0.000	495.8
	2081.5	38.2	0.390	0.008	335.2
	574.4	1884.9	0.426	0.011	295.0
	953.4	0.089	0.410	0.005	298.6
	8.35		0.304	0.006	334.2
45.119	8.08			-0.002	297.6
					673.4
					0.0

					54
47	30.53	406.1	0.401	0.000	575.7
	2106.1	38.3	0.391	0.004	337.2
	574.6	1880.4	0.422	0.006	294.7
	956.9	0.089	0.409	0.004	298.6
	8.30		0.312	0.019	334.0
46.119	8.09			-0.001	296.7
					662.1
					0.0
48	30.39	406.5	0.395	0.000	734.7
	2120.6	38.3	0.393	0.009	340.4
	574.7	1881.2	0.422	0.007	294.9
	955.1	0.088	0.407	0.004	298.7
	8.25		0.308	-0.002	335.5
47.119	8.10			0.016	298.8
					665.2
					0.0
49	30.53	406.5	0.403	0.000	946.9
	2081.7	38.3	0.391	0.000	343.2
	573.9	1879.2	0.424	0.009	294.9
	954.4	0.089	0.409	0.006	298.9
	8.32		0.308	0.020	340.1
48.119	8.10			-0.001	300.7
					666.4
					0.0
50	30.46	406.7	0.401	0.000	1294.2
	2073.1	38.2	0.396	0.004	346.7
	574.8	1881.0	0.425	0.006	294.9
	950.1	0.089	0.414	0.005	299.0
	8.32		0.311	0.005	343.4
49.119	8.11			0.015	298.3
					674.0
					0.0
51	30.56	406.6	0.398	0.000	1550.5
	2091.2	38.3	0.396	0.003	349.2
	574.8	1882.9	0.420	0.026	295.0
	954.4	0.089	0.414	0.005	298.9
	8.29		0.311	0.001	345.0
50.119	8.12			-0.002	297.7
					670.1
					.0
52	30.45	406.9	0.402	0.000	9999.9
	2083.0	38.3	0.395	0.008	352.6
	575.2	1878.8	0.416	0.005	295.3
	950.8	0.089	0.405	0.006	299.3
	8.29		0.311	0.003	349.4
51.119	8.13			0.002	301.8
					667.4
					0.0
53	30.31	407.1	0.397	0.000	9999.9
	2114.1	38.3	0.395	0.013	356.0
	575.3	1880.2	0.430	0.006	296.2
	950.8	0.088	0.409	0.007	299.3
	8.27		0.312	0.001	334.4
52.119	8.12			0.008	302.1
					680.5
					0.0
54	30.69	407.0	0.401	0.000	461.2
	2097.9	38.3	0.404	0.017	359.3
	575.1	1881.0	0.422	0.003	295.4
	951.4	0.090	0.412	0.005	299.4
	8.16		0.307	-0.004	357.3
53.119	8.14			-0.002	300.8
					667.8
					0.0
55	30.49	407.5	0.403	0.000	9999.9
	2116.8	38.4	0.402	0.015	363.3
	575.2	1884.3	0.419	0.007	295.5
	955.4	0.089	0.411	0.004	299.3
	8.21		0.308	0.007	361.7
54.119	8.14			0.011	301.2
					664.8
					0.0
56	30.39	407.7	0.404	0.000	0.0
	2098.4	38.4	0.402	0.003	366.8
	575.2	1880.7	0.421	0.010	295.6
	955.6	0.088	0.412	0.004	299.5
	8.30		0.311	-0.002	365.7
55.119	8.15			0.008	300.6
					671.2
					0.0
57	30.55	407.7	0.404	0.000	9999.9
	2075.4	38.4	0.397	0.004	371.0
	575.6	1882.2	0.418	0.002	295.6
	955.4	0.089	0.414	0.010	299.7
	8.34		0.310	0.016	371.8
56.119	8.16			0.023	303.9
					663.4
					0.0
58	30.72	407.7	0.408	0.000	9999.9
	2074.5	38.4	0.397	0.002	374.8
	575.1	1884.1	0.410	0.005	295.7
	955.4	0.090	0.414	0.004	299.7
	8.27		0.312	0.000	373.0
57.119	8.18			0.006	302.6
					666.4
					0.0

					54
59	30.44	408.0	0.403	0.000	0.0
	2098.6	38.4	0.396	0.005	379.0
	575.0	1878.5	0.412	0.005	296.0
	956.6	0.089	0.412	0.005	300.0
	8.26		0.313	0.001	379.5
58.119	8.19			0.006	303.2
					662.1
					0.0
60	30.62	408.3	0.411	0.000	0.0
	2092.3	38.4	0.388	0.002	381.9
	575.1	1881.7	0.415	0.004	296.1
	956.4	0.090	0.409	0.005	300.2
	8.23		0.311	0.000	382.4
59.119	8.19			-0.004	302.7
					671.9
					0.0
61	30.78	408.3	0.408	0.000	9999.9
	2041.9	38.4	0.400	-0.000	385.1
	575.3	1882.7	0.407	0.005	296.0
	956.1	0.090	0.402	0.005	300.2
	8.37		0.304	0.019	386.0
60.119	8.20			0.004	303.4
					665.1
					0.0
62	30.63	408.1	0.403	0.000	9999.9
	2068.6	38.4	0.397	0.001	389.8
	575.2	1882.9	0.412	0.007	296.3
	955.9	0.090	0.413	0.005	300.3
	8.29		0.312	-0.005	389.0
61.119	8.21			-0.006	303.5
					663.9
					0.0
63	31.49	408.2	0.410	0.000	9999.9
	2014.2	38.4	0.403	0.001	394.0
	575.4	1888.1	0.414	0.008	296.5
	955.4	0.094	0.403	0.005	300.4
	8.28		0.311	0.009	392.4
62.119	8.21			0.004	302.0
					662.6
					0.0
64	30.72	408.5	0.408	0.000	0.0
	2062.3	38.4	0.402	0.003	396.3
	575.5	1885.1	0.417	0.007	296.6
	954.6	0.090	0.407	0.006	300.5
	8.29		0.311	0.015	395.6
63.119	8.21			0.010	303.7
					665.3
					0.0
65	30.66	408.6	0.413	0.000	9999.9
	2074.2	38.5	0.409	0.003	398.6
	575.5	1886.3	0.417	0.009	296.7
	957.1	0.090	0.406	0.006	300.7
	8.29		0.313	0.010	400.6
64.119	8.22			0.013	302.9
					664.1
					0.0
66	31.07	408.8	0.408	0.000	9999.9
	2065.8	38.5	0.411	0.006	401.4
	575.3	1881.7	0.416	0.005	297.0
	955.9	0.092	0.406	0.007	300.8
	8.19		0.311	0.017	403.0
65.119	8.22			0.002	304.0
					664.2
					0.0
67	30.87	408.8	0.404	0.000	9999.9
	2084.9	38.5	0.414	0.004	400.6
	575.8	1884.3	0.422	0.004	297.1
	959.6	0.091	0.412	0.006	300.9
	8.25		0.309	0.006	406.2
66.119	8.21			0.011	303.1
					664.9
					0.0
68	30.71	408.8	0.410	0.000	745.0
	2078.7	38.5	0.417	0.000	396.6
	576.1	1883.7	0.427	0.004	297.3
	957.6	0.090	0.411	0.005	301.2
	8.29		0.314	0.021	408.2
67.119	8.21			0.001	305.7
					664.0
					0.0
69	30.85	408.9	0.408	0.000	9999.9
	2044.8	38.5	0.411	0.027	390.9
	575.5	1881.5	0.423	0.005	297.7
	954.9	0.091	0.407	0.005	301.2
	8.32		0.316	0.006	412.1
68.119	8.22			0.009	308.2
					665.7
					0.0
70	31.27	408.8	0.420	0.000	9999.9
	2074.4	38.5	0.406	0.006	388.3
	575.9	1878.8	0.429	0.005	297.8
	962.4	0.094	0.412	0.006	301.3
	8.23		0.317	0.008	415.5
69.119	8.22			0.003	310.7
					663.8
					0.0

					54
71	30.87	409.3	0.403	0.000	9999.9
	2101.6	38.5	0.403	0.002	392.8
	575.8	1884.8	0.420	0.012	298.2
	960.6	0.091	0.418	0.004	301.5
	8.19		0.316	0.008	421.3
70.119	8.22			-0.007	315.7
					660.6
					0.0
72	30.82	409.4	0.420	0.000	9999.9
	2075.3	38.6	0.406	0.001	412.6
	575.6	1879.0	0.425	0.005	298.5
	961.1	0.091	0.408	0.007	301.6
	8.31		0.325	0.003	428.2
71.119	8.22			0.007	319.1
					667.5
					0.0
73	30.84	409.7	0.412	0.000	9999.9
	2082.8	38.6	0.391	0.006	463.8
	575.5	1880.7	0.421	0.006	298.8
	962.9	0.091	0.406	0.005	301.8
	8.29		0.327	0.007	432.9
72.119	8.23			0.008	323.5
					664.0
					0.0
74	30.67	409.5	0.406	0.000	1037.7
	2115.5	38.6	0.408	0.005	499.2
	575.5	1879.0	0.425	0.006	299.2
	961.9	0.090	0.412	0.005	301.9
	8.20		0.327	0.006	437.2
73.119	8.23			0.013	330.6
					663.8
					0.0
75	30.68	409.7	0.408	0.000	0.0
	2090.8	38.6	0.394	0.008	534.6
	575.3	1879.7	0.421	0.003	299.6
	963.1	0.090	0.411	0.006	302.0
	8.30		0.323	0.011	447.6
74.119	8.23			0.009	337.7
					661.5
					0.0
76	30.85	409.8	0.409	0.000	0.0
	2074.2	38.6	0.387	0.006	599.5
	575.8	1881.5	0.418	0.004	300.1
	960.1	0.091	0.420	0.004	302.1
	8.26		0.323	0.006	469.5
75.119	8.25			0.005	346.6
					661.8
					0.0
77	30.66	410.0	0.402	0.000	9999.9
	2079.9	38.7	0.389	0.008	680.6
	575.5	1877.7	0.419	0.004	300.9
	962.9	0.090	0.416	0.004	302.3
	8.33		0.316	0.004	507.2
76.119	8.25			0.009	356.5
					665.9
					0.0
78	30.73	410.0	0.408	0.000	9999.9
	2076.0	38.7	0.391	0.006	768.9
	575.4	1876.6	0.424	0.004	301.6
	961.6	0.090	0.417	0.006	302.5
	8.29		0.318	-0.000	633.6
77.119	8.27			0.019	372.2
					666.7
					0.0
79	31.11	410.9	0.425	0.000	9999.9
	2093.7	38.8	0.389	0.008	947.8
	575.6	1877.3	0.421	0.006	302.3
	964.4	0.093	0.418	0.007	302.5
	8.15		0.317	-0.000	782.1
78.119	8.29			0.001	370.7
					664.0
					0.0
80	30.74	410.5	0.415	0.000	9999.9
	2096.3	38.7	0.388	0.007	1288.1
	575.5	1878.0	0.425	0.006	303.3
	965.2	0.090	0.424	0.004	302.5
	8.26		0.319	0.013	1028.2
79.119	8.28			0.039	377.6
					664.6
					0.0
81	30.78	410.5	0.423	0.000	9999.9
	2082.6	38.6	0.392	0.001	9999.9
	575.7	1883.1	0.422	0.007	304.3
	963.9	0.090	0.431	0.004	302.7
	8.27		0.315	0.003	1296.3
80.119	8.28			0.015	386.4
					663.9
					0.0
82	31.52	410.6	0.423	0.000	9999.9
	2048.6	38.7	0.395	0.004	9999.9
	575.3	1882.7	0.424	0.007	305.8
	961.1	0.095	0.426	0.007	302.9
	8.18		0.314	-0.001	1296.3
81.119	8.27			0.010	394.6
					670.1
					0.0

					54
83	30.86	410.8	0.427	0.000	9999.9
	2066.5	38.7	0.406	0.008	9999.9
	575.5	1883.7	0.425	0.006	307.4
	961.4	0.091	0.436	0.006	303.0
	8.30		0.312	-0.003	1296.3
82.119	8.26			0.001	404.5
					665.6
					0.0
84	30.86	410.6	0.428	0.000	9999.9
	2080.8	38.7	0.400	0.004	9999.9
	575.1	1882.7	0.420	0.006	309.7
	964.7	0.091	0.425	0.005	303.2
	8.28		0.310	0.013	1296.3
83.119	8.26			0.002	418.5
					662.4
					0.0
85	30.71	410.8	0.423	0.000	9999.9
	2096.8	38.8	0.399	0.004	988.9
	574.8	1882.9	0.421	0.007	313.4
	967.7	0.090	0.423	0.005	303.4
	8.29		0.308	-0.001	1296.3
84.119	8.28			0.005	430.0
					666.8
					0.0
86	30.78	410.5	0.422	0.000	9999.9
	2091.4	38.8	0.403	0.007	9999.9
	574.7	1882.2	0.429	0.004	320.0
	969.4	0.090	0.416	0.007	303.5
	8.32		0.311	-0.005	1296.3
85.119	8.28			0.002	426.6
					663.3
					0.0
87	30.86	410.6	0.417	0.000	9999.9
	2085.4	38.8	0.404	0.001	9999.9
	574.4	1883.2	0.431	0.007	329.5
	965.2	0.091	0.415	0.005	303.7
	8.23		0.314	0.005	1296.3
86.119	8.29			0.001	414.7
					661.5
					0.0
88	30.70	410.9	0.414	0.000	9999.9
	2113.8	38.8	0.402	0.003	9999.9
	574.3	1881.7	0.425	0.009	336.8
	967.7	0.090	0.414	0.007	303.7
	8.22		0.314	0.016	1296.3
87.119	8.28			-0.003	415.7
					666.6
					0.0
89	30.94	410.9	0.412	0.000	9999.9
	2076.0	38.8	0.407	0.002	0.0
	574.3	1884.4	0.428	0.008	342.3
	966.9	0.091	0.412	0.007	303.9
	8.26		0.322	0.006	1296.3
88.119	8.29			0.002	408.1
					669.4
					0.0
90	30.74	411.3	0.409	0.000	9999.9
	2084.7	38.9	0.402	0.004	0.0
	573.9	1887.0	0.429	0.006	346.7
	966.7	0.090	0.413	0.004	304.0
	8.28		0.315	0.001	1296.3
89.119	8.28			0.012	402.3
					671.4
					0.0
91	30.64	411.4	0.405	0.000	9999.9
	2101.2	38.9	0.398	0.003	9999.9
	573.7	1884.3	0.427	0.005	349.9
	968.9	0.090	0.408	0.010	304.2
	8.27		0.314	0.009	1296.3
90.119	8.29			0.013	411.5
					666.5
					0.0
92	30.71	411.1	0.400	0.000	9999.9
	2113.0	38.9	0.402	-0.001	9999.9
	574.2	1883.4	0.426	0.012	352.3
	970.7	0.090	0.407	0.006	304.3
	8.24		0.319	-0.004	1296.3
91.119	8.29			0.011	746.9
					665.8
					0.0
93	30.51	411.4	0.403	0.000	9999.9
	2099.6	38.9	0.403	0.003	9999.9
	574.1	1877.7	0.431	0.008	353.3
	966.4	0.089	0.403	0.005	304.5
	8.27		0.318	0.004	1296.3
92.119	8.29			-0.002	861.8
					673.6
					0.0
94	30.55	411.3	0.418	0.000	9999.9
	2110.3	38.9	0.396	0.008	9999.9
	574.2	1882.4	0.432	0.009	353.0
	966.2	0.089	0.415	0.004	304.6
	8.22		0.315	-0.006	1296.3
93.119	8.29			0.004	1397.8
					668.8
					0.0

					54
95	30.77	412.2	0.403	0.000	9999.9
	2085.3	38.9	0.400	0.005	9999.9
	573.7	1881.7	0.433	0.006	349.1
	968.7	0.090	0.410	0.006	304.9
	8.27		0.318	-0.001	1296.3
94.119	8.31			0.012	1397.8
					674.7
					0.0
96	30.67	411.5	0.412	0.000	9999.9
	2113.6	38.9	0.405	0.005	9999.9
	574.4	1879.0	0.430	0.007	352.3
	967.7	0.090	0.414	0.004	305.0
	8.18		0.319	-0.001	1296.3
95.119	8.32			0.007	1397.8
					671.5
					0.0
97	30.81	411.5	0.400	0.000	9999.9
	2082.8	39.0	0.403	0.006	0.0
	574.6	1877.8	0.427	0.005	360.2
	970.7	0.091	0.410	0.003	305.1
	8.31		0.313	0.003	1296.3
96.119	8.32			-0.002	1397.8
					670.4
					0.0
98	30.97	412.1	0.398	0.000	9999.9
	2053.3	39.0	0.406	0.003	0.0
	574.1	1878.3	0.434	0.005	368.1
	969.4	0.092	0.418	0.006	305.2
	8.34		0.319	0.010	1296.3
97.119	8.34			-0.004	1397.8
					668.5
					0.0
99	30.79	412.0	0.405	0.000	9999.9
	2091.1	39.0	0.398	0.002	0.0
	574.5	1883.9	0.426	0.006	375.3
	971.9	0.090	0.414	0.008	309.4
	8.30		0.318	0.001	1296.3
98.119	8.33			0.006	1397.8
					670.2
					0.0
100	30.76	412.1	0.410	0.000	9999.9
	2095.9	39.1	0.398	0.006	0.0
	574.3	1880.4	0.431	0.005	380.7
	970.4	0.090	0.418	0.006	305.5
	8.24		0.319	-0.001	1296.3
99.119	8.34			0.005	1397.8
					667.4
					0.0

					54
101	31.13	412.0	0.410	0.000	9999.9
	2052.2	39.1	0.407	0.001	9999.9
	574.4	1879.9	0.429	0.008	386.3
	971.2	0.093	0.417	0.005	305.7
	8.33		0.320	-0.001	1296.3
100.119	8.34			-0.003	1397.8
					669.1
					0.0
102	30.61	412.2	0.416	0.000	9999.9
	2089.5	39.0	0.401	0.002	9999.9
	574.3	1880.0	0.428	0.004	393.9
	968.4	0.090	0.419	0.005	305.8
	8.27		0.322	0.001	1296.3
101.119	8.35			-0.000	1397.8
					666.9
					0.0
103	30.83	412.2	0.410	0.000	9999.9
	2069.4	39.1	0.404	0.001	9999.9
	574.2	1880.2	0.432	0.007	403.6
	970.2	0.091	0.417	0.004	306.0
	8.29		0.321	0.010	1296.3
102.119	8.37			0.008	1397.8
					663.2
					0.0
104	30.76	412.1	0.412	0.000	9999.9
	2069.9	39.1	0.406	0.004	9999.9
	573.2	1880.7	0.426	0.006	414.0
	970.2	0.090	0.416	0.004	306.0
	8.27		0.325	0.011	1296.3
103.119	8.38			0.009	1397.8
					667.0
					0.0
105	30.92	412.3	0.415	0.000	9999.9
	2082.8	39.1	0.406	0.006	9999.9
	573.8	1881.2	0.427	0.006	427.9
	974.2	0.091	0.422	0.006	306.2
	8.26		0.324	0.018	1296.3
104.119	8.38			0.005	1397.8
					666.0
					0.0
106	30.91	412.8	0.424	0.000	9999.9
	2090.8	39.2	0.413	0.028	9999.9
	573.6	1880.9	0.425	0.008	451.9
	974.7	0.091	0.419	0.005	306.4
	8.23		0.321	0.007	1296.3
105.119	8.39			-0.001	1397.8
					668.3
					0.0

					54
107	31.26	413.0	0.417	0.000	9999.9
	2065.4	39.1	0.403	0.005	9999.9
	574.0	1877.3	0.447	0.008	489.7
	972.2	0.094	0.416	0.004	306.5
	8.20		0.324	0.015	1296.3
106.119	8.40			0.005	1397.8
					664.5
					0.0
108	30.93	413.0	0.410	0.000	9999.9
	2086.6	39.2	0.414	0.006	9999.9
	574.1	1883.1	0.437	0.005	542.9
	970.9	0.091	0.414	0.005	306.7
	8.19		0.320	0.004	1296.3
107.119	8.39			-0.001	1397.8
					663.6
					0.0
109	31.00	413.2	0.413	0.000	9999.9
	2070.0	39.2	0.408	0.006	9999.9
	574.1	1881.7	0.435	0.009	615.0
	976.9	0.092	0.420	0.007	306.8
	8.33		0.321	-0.003	1296.3
108.119	8.39			-0.011	1397.8
					665.0
					0.0
110	31.06	413.1	0.409	0.000	9999.9
	2078.8	39.2	0.407	0.010	9999.9
	574.1	1879.9	0.437	0.017	723.6
	974.7	0.092	0.418	0.005	307.2
	8.23		0.317	0.010	1296.3
109.119	8.41			0.003	1397.8
					661.3
					0.0
111	30.98	413.1	0.418	0.000	9999.9
	2090.9	39.3	0.407	0.003	9999.9
	574.1	1879.5	0.441	0.008	914.2
	972.7	0.092	0.415	0.006	307.2
	8.19		0.327	0.008	1296.3
110.119	8.40			0.004	1397.8
					667.3
					0.0
112	30.93	413.1	0.421	0.000	9999.9
	2060.1	39.2	0.403	0.000	9999.9
	573.9	1883.1	0.445	0.006	1287.2
	974.9	0.091	0.422	0.005	307.4
	8.33		0.324	0.005	1296.3
111.119	8.41			0.003	1397.8
					663.3
					0.0

					54
113	31.36	413.2	0.416	0.000	9999.9
	2044.1	39.2	0.409	0.007	9999.9
	574.0	1881.0	0.444	0.007	1300.2
	972.7	0.094	0.424	0.004	307.6
	8.27		0.318	0.008	1296.3
112.119	8.39			0.004	1397.8
					667.0
					0.0
114	31.07	413.3	0.412	0.000	9999.9
	2061.3	39.2	0.405	0.001	9999.9
	573.6	1882.1	0.439	0.007	1300.2
	971.9	0.092	0.429	0.004	307.9
	8.24		0.323	0.012	1296.3
113.119	8.40			0.010	1397.8
					670.6
					0.0
115	31.12	413.6	0.417	0.000	9999.9
	2077.6	39.3	0.406	0.006	9999.9
	574.1	1887.8	0.443	0.007	1300.2
	974.2	0.092	0.428	0.004	308.0
	8.21		0.317	0.003	1296.3
114.119	8.41			0.009	1397.8
					663.7
					0.0
116	31.67	413.7	0.418	0.000	9999.9
	2036.9	39.4	0.411	0.005	9999.9
	573.5	1882.9	0.444	0.005	792.9
	977.7	0.096	0.426	0.004	308.1
	8.27		0.325	0.009	1296.3
115.119	8.41			0.002	1397.8
					665.4
					0.0
117	31.05	413.8	0.416	0.000	9999.9
	2082.0	39.3	0.408	0.006	9999.9
	573.9	1879.3	0.441	0.007	1300.2
	975.2	0.092	0.425	0.005	308.3
	8.23		0.317	0.008	1296.3
116.119	8.41			0.006	1397.8
					672.7
					0.0
118	30.98	413.9	0.420	0.000	9999.9
	2080.1	39.3	0.411	0.006	9999.9
	573.4	1879.7	0.439	0.006	1120.6
	976.2	0.092	0.424	0.004	308.5
	8.25		0.319	-0.001	1296.3
117.119	8.41			0.010	1397.8
					668.3
					0.0
119	30.89	414.2	0.416	0.000	9999.9
	2079.8	39.3	0.409	0.004	9999.9
	573.6	1878.0	0.438	0.007	1300.2
	974.2	0.091	0.424	0.005	308.7
	8.25		0.321	-0.003	1296.3
118.119	8.40			0.007	1397.8
					668.4
					0.0

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