

Nebraska Public Power District

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U.S. Nuclear Regulatory Commission
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Washington, DC 20555

Subject: Reactor Containment Building
Integrated Leak Rate Test
Cooper Nuclear Station
Docket No. 50-298, DPR-46

Gentlemen:

Pursuant to Appendix J of 10CFR Part 50, the results of the "Reactor Containment Building Integrated Leak Rate Test" conducted May 28-29, 1988, at Cooper Nuclear Station are submitted herewith.

Should you have any questions or require additional information, please contact me.

Sincerely,

G. A. Trevors
Division Manager of
Nuclear Support

GAT:ss/mhCNS.1701 (Comm18)
Enclosure

cc: NRC Regional Office
Region IV
Arlington, Texas

NRC Senior Resident Inspector
Cooper Nuclear Station

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REACTOR CONTAINMENT BUILDING

INTEGRATED LEAK RATE TEST

NEBRASKA PUBLIC POWER DISTRICT

COOPER NUCLEAR STATION

MAY 27-29, 1988

DOCKET NO. 50-298

OPERATING LICENSE NO. DPR-46

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1.0 INTRODUCTION

A Primary Containment Integrated Leak Rate Test was conducted at Cooper Nuclear Station May 27-29, 1988 per CNS Technical Specification 4.7.A, CNS Surveillance Procedure 6.3.1.3, and 10CFR Part 50, Appendix J.

This report contains a description and analysis of the test as required by 10CFR Part 50, Appendix J, Paragraph V.B. The test Technical Data Summary is listed on Attachment 1.

2.0 PREREQUISITES

All instrumentation used for the Cooper Nuclear Station IIRT met the instrument selection guide (see Attachment 2), and the six month calibration and loop check requirements of ANSI N45.4-1972 and ANSI/ANS 56.8-1987. The drywell and suppression chamber were inspected to uncover any structural deterioration that could affect the containment integrity or leak tightness. No structural discrepancies were noted. The valve lineups were performed and independently verified, the twelve suppression chamber to drywell vacuum breakers were blocked open to allow pressurization of the torus and two oil-free air compressors with a capacity of 2400 scfm were connected to the air dryer skid and prepared for operation.

3.0 INSTRUMENTATION

The following instrumentation was used in the performance of the 1988 Cooper Nuclear Station Integrated Leak Rate Test.

3.1 Pressure

Two (2) precision pressure gauges with vibrating stainless steel cylinder type sensors monitored containment pressure. The average of the two readings was utilized in the leakage rate calculations.

3.2 Dewpoint Temperature

Six (6) chilled mirror dewpoint hygrometers were installed to measure the containment dewpoint temperature. Eventually one hygrometer in the drywell failed and weighing factors were appropriately re-distributed. Since the dewpoint temperature was at or near the saturation point in the suppression chamber, two (2) platinum RTDs were employed to measure the dewpoint temperature and the two dewpoint hygrometers were weighted out of the leakage rate calculations.

3.3 Drybulb Temperature

Containment drybulb temperature was monitored by twenty-six (26) platinum Resistance Temperature Detectors (RTDs).

3.4 Flow Rate

The flow rate of the superimposed leak required for the verification test was measured by a thermal mass flowmeter.

3.0 INSTRUMENTATION (continued)

3.5 Data Acquisition

The CNS Plant Management Information System (PMIS) was utilized to collect data from all sensors. A personal computer received the data from the PMIS and performed the necessary calculations.

Instrument weighing factors and locations are listed on Attachment 3A. Pressure and flow instrumentation are shown on Attachment 3B and dewcell and RTD locations are illustrated on Attachments 3C and 3D respectively.

4.0 TEMPERATURE STABILIZATION

The temperature stabilization period began at 0300 on May 28, 1988. The criteria for temperature stabilization were: 1) The latest rate of change of the weighted average contained air temperature, averaged over the last hour, does not deviate by more than 0.5° F/hour from the average rate of change of the weighted average contained air temperature over the last four hours (ANSI/ANS 56.8-1987). 2) The rate of change of average temperature is less than 1° F/hour averaged over the last two hours (Bechtel Typical Report BN-TOP-1). 3) The rate of change of temperature changes less than 0.5° F/hour averaged over the last two hours.

All of the above criteria were met at 0715 on May 28, 1988. Supporting graphs and listings are contained in Attachment 4.

5.0 TYPE A TEST

The Type A Test started at 1015 on May 28, 1988. Containment pressure, weighted average temperature, and weighted average dewpoint temperature were recorded at approximately fifteen minute intervals. The total time leak rate was calculated per Bechtel Topical Report BN-Top-1, Section 6.0. The mass point calculations were based on ANSI/ANS 56.8-1987, Section 5.7.

The Type A Test was concluded after 24 hours at 1015 on May 29, 1988. Attachment 5 contains supporting graphs and listings pertaining to the Type A Test.

6.0 VERIFICATION TEST

Immediately following the Type A Test, a metering valve was adjusted on flowmeter FR1 to a flow rate of approximately 5.1 scfm. The Verification Test began at 1030 on May 29, 1988. Containment pressure, weighted average temperature, and weighted average dewpoint temperature were again recorded at approximately fifteen minute intervals. The total time and mass point leak rate analysis techniques were again employed.

The Verification Test ended at 1430 on May 29, 1988. Graphs and listings related to the Verification Test are contained in Attachment 6.

7.0 TEST SUMMARY

Pressurization for the ILRT began at 1648 on May 27, 1988 at a rate of approximately 7.0 psi per hour. At 1830 it was discovered that relief valve PHR-15RV (loop B supply to the suppression chamber) had been removed for testing and setting and had not been reinstalled. Pressurization was temporarily suspended while a blank flange was installed. Pressurization was restarted at 2013. At 2211 a leak was discovered on the drywell vent monitor. The leak was quantified at 0.7 scfm using an electronic mass flow meter and the vent monitor was isolated. The pressurization equipment was secured at 0247 on May 28, 1988 with a peak instantaneous pressure of 72.5157 psia.

The temperature stabilization period began at 0300, the test criteria were satisfied at 0715 and the Type A Test began at 1015 on May 28, 1988. Temperature, dewpoint temperature, and pressure data were recorded at approximately fifteen minute intervals during the test.

The Type A test was completed at 1015 on May 29, 1988 with a Total Time Upper Confidence Level leak rate of .25104 λ wt/day and a Mass Point Upper Confidence Level leak rate of .2602 λ wt/day. See Attachment 7A for complete test results.

A superimposed leak of approximately 5.1 scfm was metered through a mass flowmeter and the verification test began at 1030 on May 29, 1988. Acceptability of the ILRT was demonstrated (see Attachment 7B) and the verification test was completed at 1430. Depressurization of the primary containment began at 1508 and was completed at 2258.

The Cooper Nuclear Station Primary Containmentment Integrated Leak Rate Test was successfully completed demonstrating the leak-tight integrity of the reactor primary containmentment and the systems and components which penetrate the primary containmentment.

8.0 LOCAL LEAK RATE TEST DATA

The 1986 and 1988 local leak rate test results reflect the total leakage as determined by testing between containment isolation valves. In 1988, the individual leakage from the inboard and outboard valves of each penetration which required corrective or preventive maintenance was also quantified. The difference was reported in addition to the Type A leakage. This was done in order to reconstruct the as found condition of the primary containment before repairs were made.

A summary of the local leak rate test data from 1986 and 1988 can be found in Attachment 8A. The data includes the as found leakage rates, a brief description of repairs, and the as left leakage rates. The leakage adjustments to the 1988 LLRT are listed on Attachment 8B.

9.0 BACKUP DATA

The backup data retained at Cooper Nuclear Station includes the following:

- Integrated Leak Rate Test Procedure 6.3.1.3
- Local Leak Rate Test Procedure 6.3.1.1
- System Piping and Instrumentation Diagrams
- Test Instrument Calibration Data
- Computer Program Verification and Validation
- Containment Penetration Listing
- System Status (at the time of the test)
- Test Director's Log
- Instrument Weighing Factor Data

10.0 EDITED LOG OF EVENTS

This log was edited from the Test Director's official log of events.

May 27, 1988

- 1000 - Completed Torus inspection. No discrepancies were noted.
- 1500 - Completed Drywell inspection. No discrepancies were noted.
- 1648 - Started pressurization of containment.
- 1830 - Discovered that relief valve RHR-15RV had not been reinstalled after removal for testing and setting. Stopped pressurization and installed a blank flange.
- 2015 - Restarted pressurization. Found a leak on purge and vent inboard isolation valve PC-233MV which had been removed for repair. Tightened flange and stopped leak.
- 2211 - Discovered a leak on the Drywell Vent Monitor. The leakage was quantified and the vent monitor was isolated.

May 28, 1988

- 0247 - Reached test pressure. Stopped pressurization.
- 0300 - Temperature stabilization period began.
- 0715 - Temperature stabilization criteria met.
- 1015 - Started Type A test.

10.0 EDITED LOG OF EVENTS (continued)

May 29, 1988

- 1015 - Completed Type A Test.
- 1030 - Adjusted flowmeter FR1 to approximately 5.1 scfm and started the Verification Test.
- 1430 - Completed the Verification Test.
- 1508 - Started depressurization of containment.
- 2250 - Depressurization complete.
- 2300 - Performed post-ILRT containment inspection. No discrepancies were noted.

COOPER NUCLEAR STATION
1988 IOT TECHNICAL DATA SUMMARY

A. GENERAL DATA

Owner: Nebraska Public Power District
Docket No.: 50-298
Location: Brownville, Nebraska
Containment Description: BWR 4, Mark I
Date Test Completed: May 29, 1988

B. TECHNICAL DATA

Containment Free Volume: 242,550 cu. ft.
Design Pressure: 56.0 psig
Design Temperature: 281 F
Calculated Accident Peak Pressure: 46.2 psig
Calculated Accident Peak Temperature: 293 F

C. TEST DATA

Test Method: Absolute
Data Analysis Technique: Total Time / Mass Point
Test Pressure: Start - 72.5504 psia
End - 72.2156 psia
Maximum Allowable Leak Rate (La): .635 % /24 hr.
Calculated Leakage UCL: Total Time - .2510 % /24 hr.
Mass Point - .2602 % /24 hr.
Measured Leakage (Lm): Total Time - .2410 % /24 hr.
Mass Point - .2566 % /24 hr.

D. VERIFICATION TEST

Calibrated Leak Superimposed (Lo): .6584 % /24 hr.
Composite Leakage (Lc): Total Time - .7943 % /24 hr.
Mass Point - .8105 % /24 hr.

INSTRUMENT SELECTION GUIDE

ISG = instrument selection guide
 L = leakage rate, percent per day
 t = test duration, hours
 P = containment atmosphere total absolute pressure
 Pv = containment atmosphere partial pressure of water vapor
 T = containment atmosphere weighted average absolute drybulb temperature
 e = error associated with measurement of change in a given parameter
 E = error associated with sensor (sensitivity)
 ε = error associated with measurement system (excluding sensor)

A. TEST PARAMETERS

La = .635 %/day
 P = 72.2156 psia
 T = 545.389°R drybulb
 Tdp = 82.498°F dewpoint
 t = 24 hours

B. INSTRUMENT PARAMETERS

1. Total absolute pressure error (eP)

No. of sensors: 2
 Range: 0-100 psia
 Pressure sensor sensitivity error (EP): .005 psia
 Pressure measurement system error (εP): .00076 psia

$$eP = \pm \left[(EP)^2 + (\epsilon P)^2 \right]^{1/2} / [\text{no. of sensors}]^{1/2}$$

$$eP = \pm \left[(.005)^2 + (.00076)^2 \right]^{1/2} / [2]^{1/2}$$

$$eP = \pm .0050574 / 1.4142136$$

$$eP = \pm .0035761 \text{ psia}$$

2. Water vapor pressure error (ePv)

a. Dewcells

No. of sensors: 3
 Range: 40-100°F
 Vapor pressure sensor
 sensitivity error (EPv): .54°F (.0096066 psia)*
 Vapor pressure measurement
 system error (εPv): .027% fs (.004803 psia)*

$$ePv = \pm \left[(EPv)^2 + (\epsilon Pv)^2 \right]^{1/2} / [\text{no. of sensors}]^{1/2}$$

$$ePv = \pm [(.0096066)^2 + (.004803)^2]^{1/2} / [3]^{1/2}$$

$$ePv = \pm .0096186 / 1.7320508$$

$$ePv = \pm .0055533 \text{ psia (dewcells)}$$

b. RTDS

No. of sensors: 2
 Range: 0-200°F
 Vapor pressure sensor
 sensitivity error (EPv): .5°F (.008895 psia)*
 Vapor pressure measurement
 system error (εPv): .027% fs (.0009607 psia)*

$$ePv = \pm \left[(EPv)^2 + (\epsilon Pv)^2 \right]^{1/2} / [\text{no. of sensors}]^{1/2}$$

$$ePv = \pm [(.008895)^2 + (.0009607)^2]^{1/2} / [2]^{1/2}$$

$$ePv = \pm .0089467 / 1.4142136$$

$$ePv = \pm .0063263 \text{ psia}$$

$$ePv = \pm .0055533 \text{ (dewcells)} + .0063263 \text{ (RTDs)}$$

$$ePv = \pm .0118796 \text{ psia}$$

* The equivalent water vapor change between 82°F and 83°F is .01779 psia / °F. (from Steam Tables)

3. Temperature error (eT)

No. of sensors:	26
Range:	0-200°F
Temperature sensor sensitivity error (ET):	.5°F = .5°R
Temperature measurement system error (εT):	.027% fs (.054°F = .054°R)

$$eT = \pm \left[(ET)^2 + (\epsilon T)^2 \right]^{1/2} / [\text{no. sensors}]^{1/2}$$

$$eT = \pm \left[(.5)^2 + (.054)^2 \right]^{1/2} / [26]^{1/2}$$

$$eT = \pm .5029075 / 5.0990195$$

$$eT = \pm .0986283^\circ R$$

4. ISG

$$ISG = \pm \frac{2400}{t} \left[2 \left(\frac{eP}{P} \right)^2 + 2 \left(\frac{ePv}{P} \right)^2 + 2 \left(\frac{eT}{T} \right)^2 \right]^{1/2}$$

$$ISG = \pm \frac{2400}{24} \left[2 \left(\frac{.0035761}{72.2156} \right)^2 + 2 \left(\frac{.0118796}{72.2156} \right)^2 + 2 \left(\frac{.0986283}{545.389} \right)^2 \right]^{1/2}$$

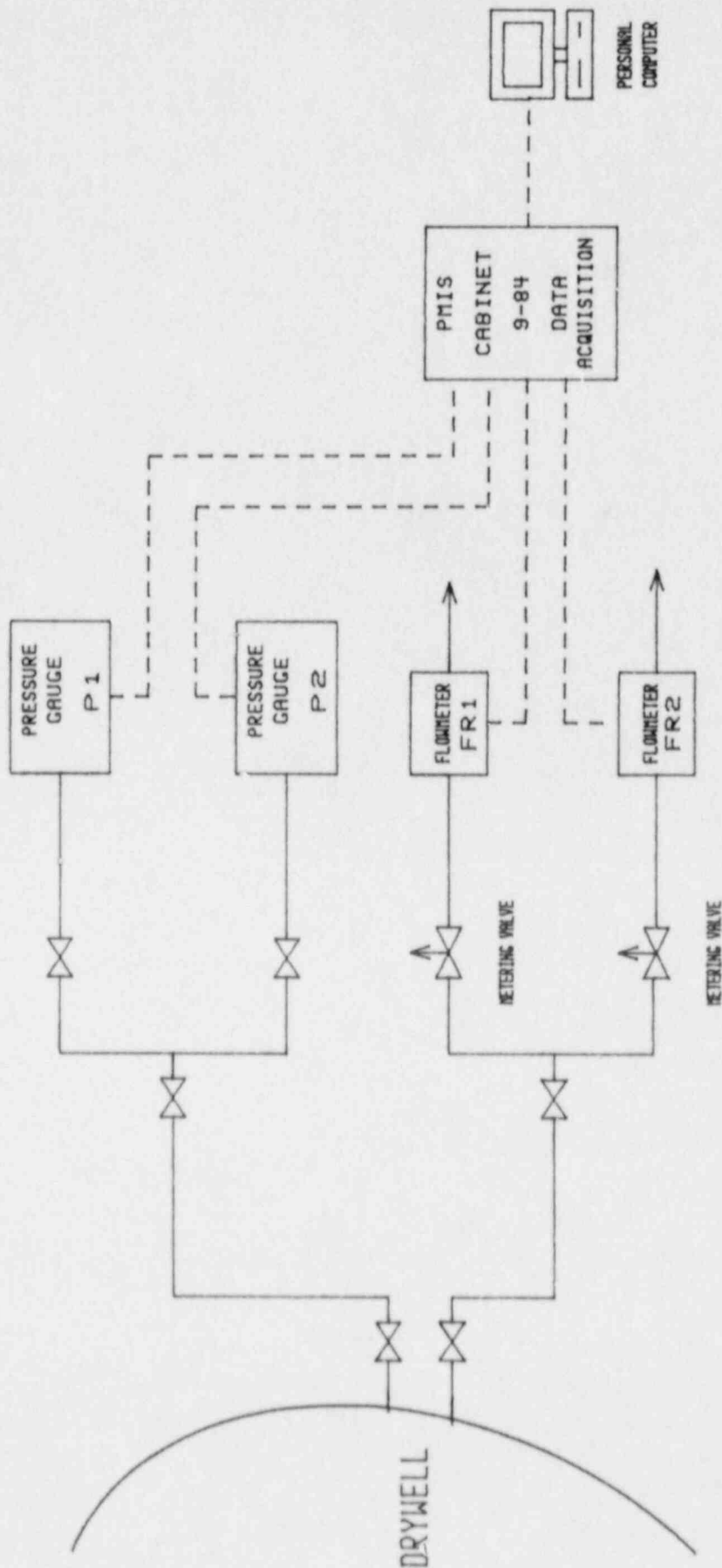
$$ISG = \pm 100 [.0003527]$$

$$ISG = .035275 \% / \text{Day}$$

ISG shall not exceed .25La or .15875 % / Day

INSTRUMENTATION LIST

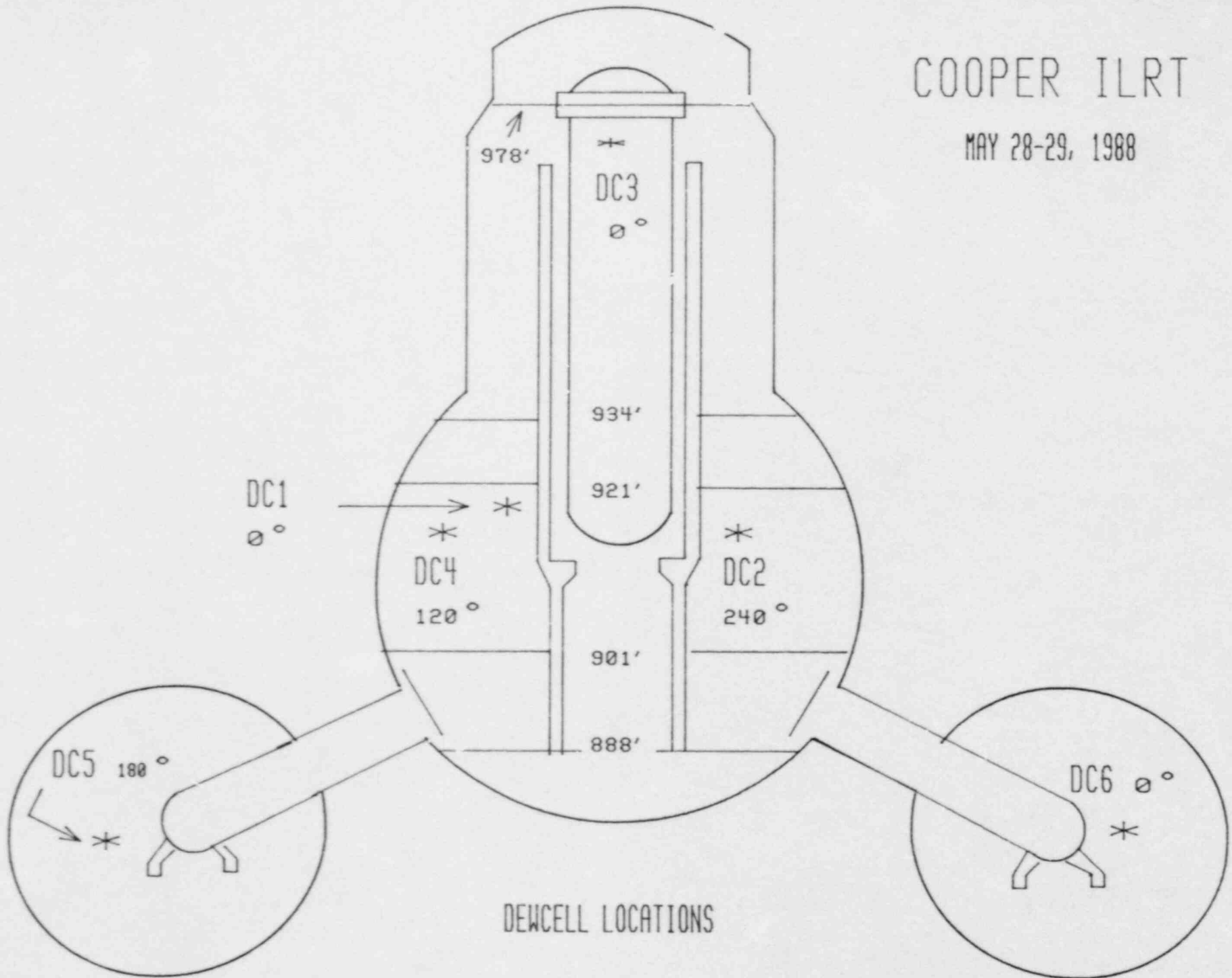
<u>No.</u>	<u>Description</u>	<u>Location</u>	<u>Elev.</u>	<u>Azim.</u>	<u>Wt.</u>
DC1	Dewpoint	Drywell West	901'	0	.2200
DC2	Dewpoint	Drywell Southeast	901'	240	.0000
DC3	Dewpoint	Drywell West	962'	0	.1100
DC4	Dewpoint	Drywell Northeast	901'	120	.2200
DC5	Dewpoint	Torus East	876'	180	.0000
DC6	Dewpoint	Torus West	876'	0	.0000
DC7	Dewpoint	Torus East RTD	876'	180	.2250
DC8	Dewpoint	Torus West RTD	876'	0	.2250
T1	Temperature	Drywell South	901'	270	.0285
T2	Temperature	Drywell Northwest	901'	60	.0257
T3	Temperature	Drywell North	901'	90	.0228
T4	Temperature	Drywell Southeast	901'	220	.0513
T5	Temperature	Drywell South	901'	270	.0285
T6	Temperature	Drywell Northwest	901'	60	.0256
T7	Temperature	Drywell North	901'	90	.0227
T8	Temperature	Drywell Southwest	888'	300	.0375
T9	Temperature	Drywell Southwest	888'	300	.0375
T10	Temperature	Drywell North	888'	120	.0375
T11	Temperature	Drywell North	888'	120	.0375
T12	Temperature	Drywell West	933'	0	.0349
T13	Temperature	Drywell Northeast	933'	145	.0282
T14	Temperature	Drywell Southeast	933'	225	.0266
T15	Temperature	Drywell West	974'	0	.0173
T16	Temperature	Drywell Northwest	974'	70	.0113
T17	Temperature	Drywell Northeast	974'	140	.0125
T18	Temperature	Drywell Southeast	974'	220	.0185
T19	Temperature	Drywell West	978'	15	.0204
T20	Temperature	Drywell Southeast	978'	255	.0204
T21	Temperature	Torus West	876'	0	.0758
T22	Temperature	Torus Northwest	876'	60	.0758
T23	Temperature	Torus Northeast	876'	120	.0758
T24	Temperature	Torus East	876'	180	.0758
T25	Temperature	Torus Southeast	876'	240	.0758
T26	Temperature	Torus Southwest	876'	300	.0758
P1	Pressure 1	Reactor Bldg. SE	931'	-	.5000
P2	Pressure 2	Reactor Bldg. SE	931'	-	.5000
FR1	Flow Rate 1	Reactor Bldg. SE	931'	-	1.0000
FR2	Flow Rate 2	Reactor Bldg. SE	931'	-	.0000



PRESSURE AND FLOW INSTRUMENTATION SCHEMATIC

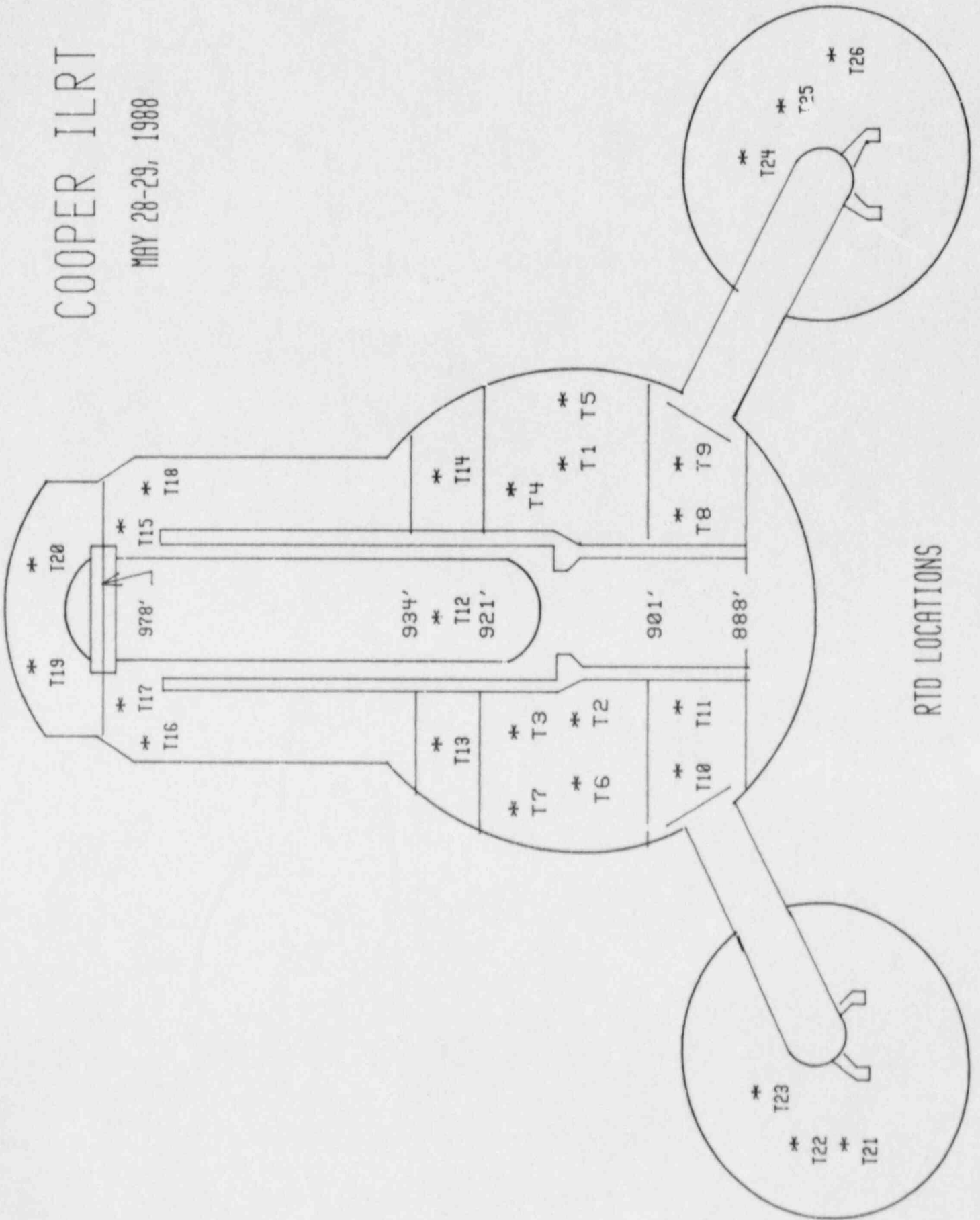
COOPER ILRT

MAY 28-29, 1988



COOPER ILRT

MAY 28-29, 1988



RTD LOCATIONS

***** TEMPERATURE STABILIZATION

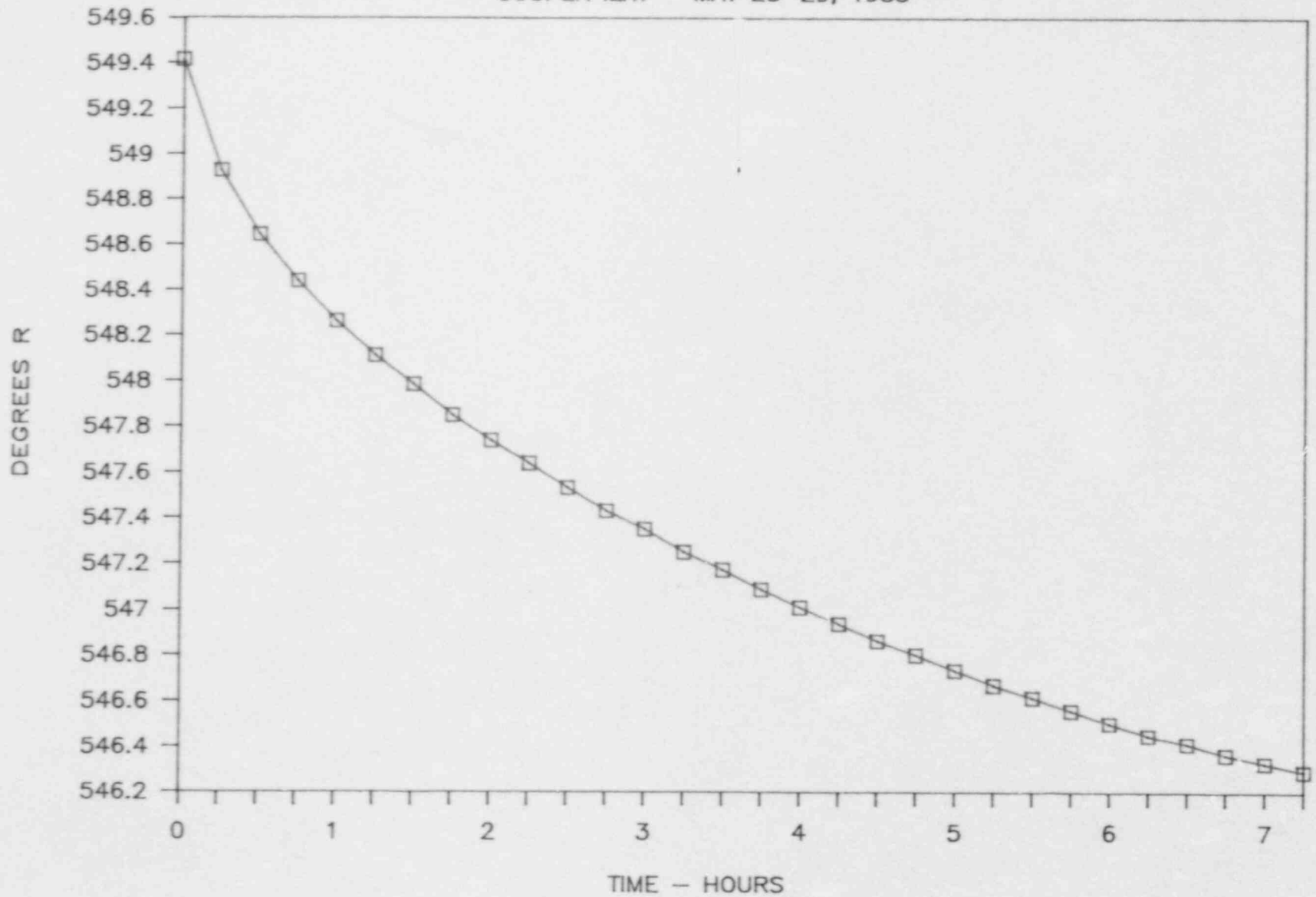
DATE - 06-09-1988

TIME - 08:43:11

TIME (DELTA) (HOURS)	TEMP TEMP	TEMP DIFF INCR	TEMP AVG (1 HR)	BN-TOP-1 AVG (2 HR)	BN-TOP-1 RATE (2 HR)	TEMP AVG (4 HR)	ANSI CRIT
0.00	549.417	0.000	0.000	0.000	0.190	0.000	0.000
0.25	548.927	-0.490	0.000	0.000	0.190	0.000	0.000
0.50	548.645	-0.282	0.000	0.000	0.190	0.000	0.000
0.75	548.440	-0.205	0.000	0.000	0.190	0.000	0.000
1.00	548.263	-0.177	548.840	0.000	0.190	0.000	0.000
1.25	548.112	-0.151	548.519	0.000	0.190	0.000	0.000
1.50	547.984	-0.128	548.314	0.000	0.190	0.000	0.000
1.75	547.848	-0.136	548.144	0.000	0.190	0.000	0.000
2.00	547.737	-0.111	548.000	-0.840	0.840	0.000	0.000
2.25	547.639	-0.098	547.876	-0.644	0.644	0.000	0.000
2.50	547.532	-0.107	547.758	-0.556	0.556	0.000	0.000
2.75	547.431	-0.100	547.640	-0.504	0.504	0.000	0.000
3.00	547.349	-0.082	547.543	-0.457	0.457	0.000	0.000
3.25	547.250	-0.099	547.445	-0.431	0.431	0.000	0.000
3.50	547.174	-0.076	547.353	-0.405	0.405	0.000	0.000
3.75	547.089	-0.085	547.260	-0.380	0.380	0.000	0.000
4.00	547.010	-0.079	547.179	-0.364	0.364	-0.602	0.263
4.25	546.938	-0.072	547.094	-0.351	0.351	-0.497	0.185
4.50	546.862	-0.076	547.018	-0.335	0.335	-0.446	0.134
4.75	546.801	-0.060	546.945	-0.315	0.315	-0.410	0.122
5.00	546.735	-0.066	546.872	-0.307	0.307	-0.382	0.107
5.25	546.672	-0.063	546.805	-0.289	0.289	-0.360	0.094
5.50	546.619	-0.052	546.740	-0.277	0.277	-0.341	0.099
5.75	546.561	-0.059	546.681	-0.264	0.264	-0.322	0.081
6.00	546.506	-0.055	546.620	-0.252	0.252	-0.308	0.079
6.25	546.450	-0.055	546.561	-0.244	0.244	-0.297	0.076
6.50	546.414	-0.037	546.516	-0.224	0.224	-0.280	0.074
6.75	546.364	-0.049	546.462	-0.219	0.219	-0.267	0.071
7.00	546.328	-0.036	546.417	-0.203	0.203	-0.255	0.078
7.25	546.292	-0.036	546.371	-0.190	0.190	-0.240	0.081

AVG. TEMP. - TEMP. STABILIZATION

COOPER ILRT - MAY 28-29, 1988



** *****

ENVIRONMENT LISTING

DATE - 06-09-1988

TIME - 08:44:09

REC NUM	DATE	TIME	TEMP	VAPOR PRESSURE	CORRECT. PRESSURE	RELATIVE HUMIDITY	AIR DENSITY	PSIA/HR VARIANCE
52	28	300	549.417	0.6167	72.5157	89.29	0.3563	0.00000
53	28	315	548.927	0.6289	72.4415	92.46	0.3562	-0.29678
54	28	330	548.645	0.6233	72.4063	92.45	0.3562	-0.14078
55	28	345	548.440	0.6119	72.3837	91.35	0.3562	-0.09058
56	28	400	548.263	0.5892	72.3756	88.45	0.3563	-0.03241
57	28	415	548.112	0.5860	72.3500	88.38	0.3563	-0.10220
58	28	430	547.984	0.5947	72.3273	90.06	0.3563	-0.09106
59	28	445	547.848	0.5786	72.3190	87.99	0.3563	-0.03299
60	28	500	547.737	0.6055	72.2677	92.41	0.3561	-0.20541
61	28	515	547.639	0.6040	72.2459	92.47	0.3561	-0.08691
62	28	530	547.532	0.6020	72.2264	92.47	0.3561	-0.07806
63	28	545	547.431	0.6006	72.2066	92.55	0.3560	-0.07928
64	28	600	547.349	0.5987	72.1878	92.49	0.3560	-0.07544
65	28	615	547.250	0.5961	72.1703	92.38	0.3560	-0.06859
66	28	630	547.174	0.5950	72.1518	92.44	0.3559	-0.07425
67	28	645	547.089	0.5931	72.1353	92.39	0.3559	-0.06583
68	28	700	547.010	0.5910	72.1186	92.28	0.3559	-0.06665
69	28	715	546.938	0.5883	72.1041	92.08	0.3558	-0.05817
70	28	730	546.862	0.5873	72.0875	92.14	0.3558	-0.06641
71	28	745	546.801	0.5866	72.0710	92.20	0.3558	-0.06580
72	28	800	546.735	0.5841	72.0579	92.00	0.3557	-0.05258
73	28	815	546.672	0.5815	72.0477	91.78	0.3557	-0.04083
74	28	830	546.619	0.5797	72.0375	91.65	0.3557	-0.04092
75	28	845	546.561	0.5788	72.0280	91.67	0.3557	-0.03778
76	28	900	546.506	0.5817	72.0147	92.29	0.3557	-0.05322
77	28	915	546.450	0.5773	72.0091	91.76	0.3557	-0.02258
78	28	930	546.414	0.5779	71.9993	91.95	0.3557	-0.03888
79	28	945	546.364	0.5773	71.9903	92.01	0.3556	-0.03632
80	28	1000	546.328	0.5777	71.9811	92.18	0.3556	-0.03671
81	28	1015	546.292	0.5764	71.9740	92.07	0.3556	-0.02823


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*****
RECORD NUMBER - 52          SENSOR LIST          *****
                             DATE - 0/28              TIME - 3:0:12

PRESSURES      73.1336          73.1312          AVG -          73.1324
RTD/S
  1  91.054          2  91.007          3  91.573          4  87.273
  5  90.983          6  90.134          7  92.069          8  91.503
  9  90.762          10 90.771          11 89.258          12 92.969
 13  93.148          14 91.984          15 95.516          16 96.201
 17  95.539          18 96.130          19 95.683          20 94.101
 21  87.634          22 87.681          23 87.068          24 87.445
 25  87.256          26 87.587          INACT 87.256          INACT 0.000
INACT 0.000          INACT 0.000          INACT 0.000          INACT 0.000
INACT 0.000          INACT 0.000          INACT 0.000          INACT 0.000
INACT 0.000          INACT 0.000          INACT 0.000          INACT 0.000
AVG  89.747
DEW CELLS
  1  84.092          INACT 64.834          3  81.387          4  87.447
INACT 86.865          INACT 84.561          7  87.445          8  87.634
INACT 0.000          INACT 0.000          INACT 0.000          INACT 0.000
INACT 0.000          INACT 0.000          INACT 0.000          AVG  86.084
AMBIENT PRESS - 14.24863          VAPOR PRESS - .6166707
DRY PRESSURE - 72.51573
FLOWS - 0          0          AVG  0

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*****
RECORD NUMBER - 53          SENSOR LIST          *****
                             DATE - 0/28              TIME - 3:15:12

PRESSURES      73.072          73.0688          AVG -          73.0704
RTD/S
  1  90.747          2  90.747          3  91.336          4  87.036
  5  90.677          6  89.898          7  91.715          8  91.125
  9  90.352          10 90.370          11 88.848          12 92.790
 13  93.058          14 91.805          15 95.421          16 96.106
 17  95.421          18 96.035          19 95.402          20 94.053
 21  86.832          22 86.903          23 86.290          24 86.714
 25  86.573          26 86.761          INACT 86.573          INACT 0.000
INACT 0.000          INACT 0.000          INACT 0.000          INACT 0.000
INACT 0.000          INACT 0.000          INACT 0.000          INACT 0.000
INACT 0.000          INACT 0.000          INACT 0.000          INACT 0.000
AVG  89.257
DEW CELLS
  1  86.582          INACT 39.658          3  85.547          4  87.253
INACT 86.865          INACT 84.326          7  86.714          8  86.832
INACT 0.000          INACT 0.000          INACT 0.000          INACT 0.000
INACT 0.000          INACT 0.000          INACT 0.000          AVG  86.702
AMBIENT PRESS - 14.24922          VAPOR PRESS - .628871
DRY PRESSURE - 72.44154
FLOWS - 0          0          AVG  0

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***** SENSOR LIST *****
 RECORD NUMBER - 54 DATE - 0/28 TIME - 3:30:12

PRESSURES	73.0312	73.028	AVG -	73.0296
RTD/S				
1	90.582	2 90.582	3 91.193	4 86.917
5	90.488	6 89.709	7 91.526	8 90.842
9	90.059	10 90.087	11 88.613	12 92.611
13	92.879	14 91.716	15 95.397	16 96.035
17	95.327	18 95.917	19 95.309	20 93.863
21	86.431	22 86.478	23 85.865	24 86.290
25	86.172	26 66.408	INACT 86.172	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
AVG	88.975			
DEW CELLS				
1	86.650	INACT 39.277	3 84.912	4 87.060
INACT	86.367	INACT 84.229	7 86.290	8 86.431
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	AVG 86.419
AMBIENT PRESS	- 14.24922		VAPOR PRESS - .6232586	
DRY PRESSURE	- 72.40634			
FLOWS	- 0	0	AVG 0	

***** SENSOR LIST *****
 RECORD NUMBER - 55 DATE - 0/28 TIME - 3:45:12

PRESSURES	72.9968	72.9944	AVG -	72.99561
RTD/S				
1	90.535	2 90.464	3 91.074	4 86.751
5	90.370	6 89.568	7 91.384	8 90.629
9	89.863	10 89.898	11 88.398	12 92.521
13	92.790	14 91.626	15 95.280	16 95.941
17	95.303	18 95.941	19 95.262	20 93.720
21	86.125	22 86.195	23 85.582	24 86.007
25	85.865	26 86.101	INACT 85.865	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
AVG	88.770			
DEW CELLS				
1	85.605	INACT 39.277	3 85.086	4 86.987
INACT	85.566	INACT 83.770	7 86.007	8 86.125
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	AVG 85.839
AMBIENT PRESS	- 14.24922		VAPOR PRESS - .6119053	
DRY PRESSURE	- 72.3837			
FLOWS	- 0	0	AVG 0	

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*****
RECORD NUMBER - 56          SENSOR LIST          *****
                              DATE - 0/28             TIME - 4:0:12

PRESSURES      72.9664      72.9632      AVG -      72.9648
RTD/S
  1  90.417      2  90.394      3  90.955      4  86.680
  5  90.252      6  89.450      7  91.290      8  90.441
  9  89.707     10  89.686     11  88.203     12  92.432
 13  92.700     14  91.536     15  95.256     16  95.964
 17  95.303     18  95.870     19  95.215     20  93.529
 21  85.842     22  85.936     23  85.323     24  85.747
 25  85.630     26  85.889     INACT 85.630     INACT 0.000
INACT 0.000     INACT 0.000     INACT 0.000     INACT 0.000
INACT 0.000     INACT 0.000     INACT 0.000     INACT 0.000
INACT 0.000     INACT 0.000     INACT 0.000     INACT 0.000
AVG  88.593
DEW CELLS
  1  82.090     INACT 100.195     3  80.674      4  86.867
INACT 85.113     INACT 83.584      7  85.747      8  85.842
INACT 0.000     INACT 0.000     INACT 0.000     INACT 0.000
INACT 0.000     INACT 0.000     INACT 0.000     AVG  84.652
AMBIENT PRESS - 14.24986     VAPOR PRESS - .5892003
DRY PRESSURE  - 72.3756
FLOWS         - 0          0     AVG  0

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*****
RECORD NUMBER - 57          SENSOR LIST          *****
                              DATE - 0/28             TIME - 4:15:12

PRESSURES      72.9376      72.9344      AVG -      72.93601
RTD/S
  1  90.323      2  90.323      3  90.884      4  86.609
  5  90.181      6  89.355      7  91.172      8  90.323
  9  89.551     10  89.591     11  88.066     12  92.342
 13  92.700     14  91.447     15  95.256     16  95.870
 17  95.256     18  95.894     19  95.122     20  93.672
 21  85.582     22  85.724     23  85.087     24  85.488
 25  85.441     26  85.606     INACT 85.441     INACT 0.000
INACT 0.000     INACT 0.000     INACT 0.000     INACT 0.000
INACT 0.000     INACT 0.000     INACT 0.000     INACT 0.000
INACT 0.000     INACT 0.000     INACT 0.000     INACT 0.000
AVG  88.442
DEW CELLS
  1  82.031     INACT 100.195     3  80.547      4  86.733
INACT 86.055     INACT 83.398      7  85.488      8  85.582
INACT 0.000     INACT 0.000     INACT 0.000     INACT 0.000
INACT 0.000     INACT 0.000     INACT 0.000     AVG  84.479
AMBIENT PRESS - 14.25045     VAPOR PRESS - .5859589
DRY PRESSURE  - 72.35004
FLOWS         - 0          0     AVG  0

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***** SENSOR LIST *****
 RECORD NUMBER - 58 DATE - 0/28 TIME - 4:30:12

PRESSURES	72.9232	72.9208	AVG -	72.922
RTD/S				
1	90.252	2 90.228	3 90.837	4 86.514
5	90.087	6 89.308	7 91.148	8 90.205
9	89.434	10 89.473	11 87.949	12 92.253
13	92.700	14 1.357	15 95.327	16 95.870
17	95.232	18 95.917	19 95.028	20 93.482
21	85.417	22 85.512	23 84.899	24 85.300
25	85.229	26 85.441	INACT 85.229	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
AVG	88.314			
DEW CELLS				
1	81.719	INACT 100.195	3 86.074	4 86.758
INACT	86.152	INACT 83.262	7 85.300	8 85.417
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	AVG 84.944
AMBIENT PRESS	- 14.24986		VAPOR PRESS - .5947193	
DRY PRESSURE	- 72.32728			
FLWS	- 0	0	AVG 0	

***** SENSOR LIST *****
 RECORD NUMBER - 59 DATE - 0/28 TIME - 4:45:12

PRESSURES	72.8992	72.896	AVG -	72.8976
RTD/S				
1	90.205	2 90.158	3 90.789	4 86.466
5	90.016	6 89.238	7 91.054	8 90.110
9	89.336	10 89.355	11 87.852	12 92.163
13	92.611	14 91.268	15 95.185	16 95.846
17	95.185	18 95.894	19 95.028	20 93.339
21	85.252	22 85.276	23 84.710	24 85.087
25	85.017	26 85.229	INACT 85.017	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
AVG	88.178			
DEW CELLS				
1	81.416	INACT 100.000	3 80.557	4 86.286
INACT	84.424	INACT 83.203	7 85.087	8 85.252
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	AVG 84.082
AMBIENT PRESS	- 14.24986		VAPOR PRESS - .5785672	
DRY PRESSURE	- 72.31903			
FLWS	- 0	0	AVG 0	

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*****
RECORD NUMBER - 60          SENSOR LIST          *****
                             DATE - 0/28             TIME - 5:0:12

PRESSURES      72.8744      72.872      AVG -      72.8732
RTD/S
  1  90.134      2  90.087      3  90.742      4  86.442
  5  89.945      6  89.143      7  90.983      8  89.992
  9  89.238     10  89.285     11  87.734     12  92.163
 13  92.611     14  91.263     15  95.256     16  95.799
 17  95.185     18  95.870     19  94.981     20  93.196
 21  85.064     22  85.111     23  84.545     24  84.922
 25  84.804     26  85.064     INACT 84.804     INACT 0.000
INACT 0.000     INACT 0.000     INACT 0.000     INACT 0.000
INACT 0.000     INACT 0.000     INACT 0.000     INACT 0.000
INACT 0.000     INACT 0.000     INACT 0.000     INACT 0.000
AVG 88.067
DEW CELLS
  1  86.201     INACT 39.346      3  84.131      4  86.564
INACT 84.160     INACT 82.969      7  84.922      8  85.064
INACT 0.000     INACT 0.000     INACT 0.000     INACT 0.000
INACT 0.000     INACT 0.000     INACT 0.000     AVG 85.510
AMBIENT PRESS - 14.25163      VAPOR PRESS - .6055253
DRY PRESSURE - 72.26768
FLOWS - 0      0      AVG 0

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*****
RECORD NUMBER - 61          SENSOR LIST          *****
                             DATE - 0/28             TIME - 5:15:12

PRESSURES      72.8512      72.8488      AVG -      72.85
RTD/S
  1  90.087      2  90.063      3  90.670      4  86.395
  5  89.898      6  89.096      7  90.960      8  89.945
  9  89.160     10  89.167     11  87.637     12  92.074
 13  92.611     14  91.268     15  95.209     16  95.752
 17  95.138     18  95.846     19  94.935     20  93.291
 21  84.899     22  84.946     23  84.357     24  84.804
 25  84.663     26  84.899     INACT 84.663     INACT 0.000
INACT 0.000     INACT 0.000     INACT 0.000     INACT 0.000
INACT 0.000     INACT 0.000     INACT 0.000     INACT 0.000
INACT 0.000     INACT 0.000     INACT 0.000     INACT 0.000
AVG 87.969
DEW CELLS
  1  86.094     INACT 39.346      3  83.984      4  86.685
INACT 84.170     INACT 83.193      7  84.804      8  84.899
INACT 0.000     INACT 0.000     INACT 0.000     INACT 0.000
INACT 0.000     INACT 0.000     INACT 0.000     AVG 85.433
AMBIENT PRESS - 14.25286      VAPOR PRESS - .6040469
DRY PRESSURE - 72.24595
FLOWS - 0      0      AVG 0

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***** SENSOR LIST *****
 RECORD NUMBER - 64 DATE - 0/28 TIME - 6: 0:12

PRESSURES	72.788	72.7848	AVG -	72.7864
RTD/S				
1	89.945	2 89.945	3 90.528	4 86.229
5	89.733	6 88.954	7 90.818	8 89.733
9	88.926	10 88.978	11 87.422	12 91.984
13	92.521	14 91.178	15 95.161	16 95.728
17	95.138	18 95.775	19 94.794	20 93.196
21	84.427	22 84.475	23 83.909	24 84.333
25	84.192	26 84.427	INACT 84.192	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
AVG	87.679			
DEW CELLS				
1	85.957	INACT 39.346	3 83.770	4 86.613
INACT	84.277	INACT 82.754	7 84.333	8 84.427
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	AVG 85.151
AMBIENT PRESS	- 14.25585		VAPOR PRESS - .5986515	
DRY PRESSURE	- 72.18775			
FLOWS	- 0	0	AVG 0	

***** SENSOR LIST *****
 RECORD NUMBER - 65 DATE - 0/28 TIME - 6:15:27

PRESSURES	72.768	72.7648	AVG -	72.7664
RTD/S				
1	89.922	2 89.898	3 90.504	4 86.229
5	89.686	6 88.884	7 90.842	8 89.638
9	88.867	10 88.907	11 87.344	12 91.895
13	92.521	14 91.089	15 95.114	16 95.704
17	95.114	18 95.704	19 94.747	20 93.006
21	84.262	22 84.333	23 83.744	24 84.192
25	84.050	26 84.262	INACT 84.050	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
AVG	87.580			
DEW CELLS				
1	85.830	INACT 39.346	3 83.594	4 86.528
INACT	84.980	INACT 82.764	7 84.192	8 84.262
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	AVG 85.016
AMBIENT PRESS	- 14.25585		VAPOR PRESS - .5960854	
DRY PRESSURE	- 72.17032			
FLOWS	- 0	0	AVG 0	

***** SENSOR LIST *****
 RECORD NUMBER - 66 DATE - 0/28 TIME - 6:30:27

PRESSURES	72.748	72.7456	AVG -	72.7468
RTD/S				
1	89.874	2 89.874	3 90.433	4 86.181
5	89.638	6 88.813	7 90.771	8 89.591
9	88.809	10 88.860	11 87.324	12 91.895
13	92.521	14 91.089	15 94.996	16 95.681
17	95.091	18 95.799	19 94.560	20 93.148
21	84.168	22 84.192	23 83.603	24 84.050
25	83.933	26 84.145	INACT 83.933	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
AVG	87.504			
DEW CELLS				
1	85.772	INACT 39.346	3 83.643	4 86.552
INACT	84.854	INACT 82.451	7 84.050	8 84.168
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	AVG 84.961
AMBIENT PRESS	- 14.25885		VAPOR PRESS - .5950373	
DRY PRESSURE	- 72.15176			
FLWS	- 0	0	AVG 0	

***** SENSOR LIST *****
 RECORD NUMBER - 67 DATE - 0/28 TIME - 6:45:27

PRESSURES	72.7296	72.7272	AVG -	72.7284
RTD/S				
1	89.851	2 89.827	3 90.433	4 86.110
5	89.615	6 88.789	7 90.771	8 89.544
9	88.750	10 88.742	11 87.266	12 91.805
13	92.521	14 91.089	15 95.138	16 95.657
17	95.020	18 95.775	19 94.514	20 92.863
21	84.027	22 84.050	23 83.461	24 83.933
25	83.838	26 84.003	INACT 83.838	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
AVG	87.418			
DEW CELLS				
1	85.654	INACT 39.346	3 83.477	4 86.552
INACT	83.809	INACT 82.256	7 83.933	8 84.027
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	AVG 84.859
AMBIENT PRESS	- 14.25885		VAPOR PRESS - .5930983	
DRY PRESSURE	- 72.1353			
FLWS	- 0	0	AVG 0	

 RECORD NUMBER - 68 SENSOR LIST *****
 DATE - 0/28 TIME - 7: 0:27

PRESSURES	72.7112	72.708	AVG -	72.7096
RTD/S				
1	89.804	2 89.804	3 90.361	4 86.110
5	89.568	6 88.742	7 90.771	8 89.497
9	88.711	10 88.719	11 87.207	12 91.805
13	92.521	14 91.089	15 95.067	16 95.634
17	94.996	18 95.681	19 94.467	20 92.815
21	83.909	22 83.909	23 83.343	24 83.815
25	83.673	26 83.862	INACT 83.673	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
AVG	87.340			
DEW CELLS				
1	85.469	INACT 39.346	3 83.301	4 86.552
INACT	82.744	INACT 82.129	7 83.815	8 83.909
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	AVG 84.746
AMBIENT PRESS	- 14.25944		VAPOR PRESS - .5909606	
DRY PRESSURE	- 72.11864			
FLWS	- 0	0	AVG 0	

 RECORD NUMBER - 69 SENSOR LIST *****
 DATE - 0/28 TIME - 7:15:27

PRESSURES	72.6936	72.6912	AVG -	72.6924
RTD/S				
1	89.804	2 89.780	3 90.361	4 86.086
5	89.544	6 88.695	7 90.700	8 89.426
9	88.652	10 88.671	11 87.148	12 91.805
13	92.521	14 90.999	15 95.114	16 95.610
17	94.949	18 95.728	19 94.420	20 92.625
21	83.768	22 83.815	23 83.226	24 83.673
25	83.555	26 83.791	INACT 83.555	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
AVG	87.268			
DEW CELLS				
1	85.313	INACT 39.346	3 83.076	4 86.468
INACT	81.738	INACT 82.051	7 83.673	8 83.768
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	AVG 84.604
AMBIENT PRESS	- 14.25944		VAPOR PRESS - .5883008	
DRY PRESSURE	- 72.1041			
FLWS	- 0	0	AVG 0	

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*****
SENSOR LIST
*****
RECORD NUMBER - 70          DATE - 0/28          TIME - 7:30:27

PRESSURES      72.676          72.6736          AVG -          72.67481
RTD/S
  1  89.757          2  89.757          3  90.314          4  86.015
  5  89.521          6  88.673          7  90.700          8  89.403
  9  88.504          10 88.602          11 87.079          12 91.716
  13 92.321          14 90.908          15 95.057          16 95.610
  17 94.949          18 93.700          19 94.280          20 92.720
  21 83.603          22 83.670          23 83.131          24 83.555
  25 83.461          26 83.670          INACT 83.461          INACT 0.000
INACT 0.000          INACT 0.000          INACT 0.000          INACT 0.000
INACT 0.000          INACT 0.000          INACT 0.000          INACT 0.000
INACT 0.000          INACT 0.000          INACT 0.000          INACT 0.000
AVG 87.192
DEW CELLS
  1  85.332          INACT 39.346          3  83.184          4  86.443
INACT 80.635          INACT 81.924          7  83.555          8  83.603
INACT 0.000          INACT 0.000          INACT 0.000          INACT 0.000
INACT 0.000          INACT 0.000          INACT 0.000          AVG 84.551
AMBIENT PRESS - 14.26184          VAPOR PRESS - .5873089
DRY PRESSURE - 72.08749
FLOWS - 0          0          AVG 0

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*****
SENSOR LIST
*****
RECORD NUMBER - 71          DATE - 0/28          TIME - 7:45:27

PRESSURES      72.6592          72.656          AVG -          72.6576
RTD/S
  1  89.733          2  89.733          3  90.314          4  86.015
  5  89.497          6  88.624          7  90.700          8  89.332
  9  88.535          10 88.577          11 87.090          12 91.716
  13 92.521          14 90.999          15 95.043          16 95.563
  17 94.949          18 95.681          19 94.186          20 92.673
  21 83.508          22 83.603          23 83.013          24 83.485
  25 83.320          26 83.555          INACT 83.320          INACT 0.000
INACT 0.000          INACT 0.000          INACT 0.000          INACT 0.000
INACT 0.000          INACT 0.000          INACT 0.000          INACT 0.000
INACT 0.000          INACT 0.000          INACT 0.000          INACT 0.000
AVG 87.131
DEW CELLS
  1  85.283          INACT 39.346          3  83.252          4  86.443
INACT 81.475          INACT 81.846          7  83.485          8  83.508
INACT 0.000          INACT 0.000          INACT 0.000          INACT 0.000
INACT 0.000          INACT 0.000          INACT 0.000          AVG 84.511
AMBIENT PRESS - 14.26361          VAPOR PRESS - .5865529
DRY PRESSURE - 72.07105
FLOWS - 0          0          AVG 0

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*****
RECORD NUMBER - 72          SENSOR LIST          *****
                           DATE - 0/28          TIME - 8:0:27

PRESSURES      72.6432          72.6408          AVG -          72.642
RTD/S
  1  89.709          2  89.709          3  90.290          4  86.015
  5  89.450          6  88.601          7  90.653          8  89.308
  9  88.496          10 88.530          11 87.031          12 91.716
 13 92.521          14 90.999          15 95.020          16 95.516
 17 94.902          18 95.634          19 94.140          20 92.577
 21 83.438          22 83.485          23 82.896          24 83.367
 25 83.202          26 83.438          INACT 83.202          INACT 0.000
INACT 0.000          INACT 0.000          INACT 0.000          INACT 0.000
INACT 0.000          INACT 0.000          INACT 0.000          INACT 0.000
INACT 0.000          INACT 0.000          INACT 0.000          INACT 0.000
AVG 87.065
DEW CELLS
  1  85.215          INACT 39.346          3  82.822          4  86.323
INACT 81.973          INACT 81.738          7  83.367          8  83.438
INACT 0.000          INACT 0.000          INACT 0.000          INACT 0.000
INACT 0.000          INACT 0.000          INACT 0.000          AVG 84.380
AMBIENT PRESS - 14.26361          VAPOR PRESS - .5840971
DRY PRESSURE - 72.0579
FLOWS - 0          0          AVG 0

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*****
RECORD NUMBER - 73          SENSOR LIST          *****
                           DATE - 0/28          TIME - 8:15:27

PRESSURES      72.6304          72.628          AVG -          72.6292
RTD/S
  1  89.686          2  89.709          3  90.266          4  85.991
  5  89.450          6  88.577          7  90.653          8  89.285
  9  88.477          10 88.483          11 86.992          12 91.716
 13 92.521          14 90.910          15 95.043          16 95.516
 17 94.831          18 95.657          19 94.093          20 92.387
 21 83.343          22 83.367          23 82.801          24 83.249
 25 83.108          26 83.320          INACT 83.108          INACT 0.000
INACT 0.000          INACT 0.000          INACT 0.000          INACT 0.000
INACT 0.000          INACT 0.000          INACT 0.000          INACT 0.000
INACT 0.000          INACT 0.000          INACT 0.000          INACT 0.000
AVG 87.002
DEW CELLS
  1  84.912          INACT 39.346          3  82.647          4  86.298
INACT 82.207          INACT 81.631          7  83.249          8  83.343
INACT 0.000          INACT 0.000          INACT 0.000          INACT 0.000
INACT 0.000          INACT 0.000          INACT 0.000          AVG 84.241
AMBIENT PRESS - 14.26425          VAPOR PRESS - .5815081
DRY PRESSURE - 72.04769
FLOWS - 0          0          AVG 0

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*****
SENSOR LIST
*****
RECORD NUMBER - 74          DATE - 0/28          TIME - 8:30:27

PRESSURES          72.6184          72.616          AVG -          72.6172
RTD/S
  1  89.686          2  89.686          3  90.266          4  85.944
  5  89.403          6  88.553          7  90.653          8  89.214
  9  88.418          10 88.436          11 86.953          12 91.716
 13 92.521          14 90.999          15 95.043          16 95.468
 17 94.854          18 95.539          19 93.952          20 92.625
 21 83.273          22 83.249          23 82.684          24 83.155
 25 83.037          26 83.249          INACT 83.037          INACT 0.000
INACT 0.000          INACT 0.000          INACT 0.000          INACT 0.000
INACT 0.000          INACT 0.000          INACT 0.000          INACT 0.000
INACT 0.000          INACT 0.000          INACT 0.000          INACT 0.000
AVG 86.949
DEW CELLS
  1  84.824          INACT 39.346          3  82.393          4  86.250
INACT 82.246          INACT 81.611          7  83.155          8  83.273
INACT 0.000          INACT 0.000          INACT 0.000          INACT 0.000
INACT 0.000          INACT 0.000          INACT 0.000          AVG 84.146
AMBIENT PRESS - 14.26602          VAPOR PRESS - .5797442
DRY PRESSURE - 72.03746
FLOWS - 0          0          AVG 0

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*****
SENSOR LIST
*****
RECORD NUMBER - 75          DATE - 0/28          TIME - 8:45:27

PRESSURES          72.608          72.6056          AVG -          72.6068
RTD/S
  1  89.662          2  89.662          3  90.243          4  85.944
  5  89.379          6  88.530          7  90.629          8  89.190
  9  88.379          10 88.412          11 86.934          12 91.716
 13 92.521          14 90.999          15 94.925          16 95.421
 17 94.831          18 95.610          19 93.812          20 92.435
 21 83.202          22 83.155          23 82.589          24 83.061
 25 82.919          26 83.155          INACT 82.919          INACT 0.000
INACT 0.000          INACT 0.000          INACT 0.000          INACT 0.000
INACT 0.000          INACT 0.000          INACT 0.000          INACT 0.000
INACT 0.000          INACT 0.000          INACT 0.000          INACT 0.000
AVG 86.891
DEW CELLS
  1  84.689          INACT 39.346          3  82.314          4  86.359
INACT 82.666          INACT 81.523          7  83.061          8  83.202
INACT 0.000          INACT 0.000          INACT 0.000          INACT 0.000
INACT 0.000          INACT 0.000          INACT 0.000          AVG 84.094
AMBIENT PRESS - 14.26725          VAPOR PRESS - .5787837
DRY PRESSURE - 72.02802
FLOWS - 0          0          AVG 0

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***** SENSOR LIST *****
 RECORD NUMBER - 76 DATE - 0/28 TIME - 9: 0:27

PRESSURES	72.5976	72.5952	AVG -	72.59641
RTD/S				
1	89.638	2 89.638	3 90.243	4 85.944
5	89.403	6 88.483	7 90.582	8 89.167
9	88.340	10 88.365	11 86.895	12 91.626
13	92.432	14 90.999	15 95.020	16 95.468
17	94.831	18 95.563	19 93.812	20 92.292
21	83.131	22 83.061	23 82.495	24 82.990
25	82.825	26 83.061	INACT 82.825	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
AVG	86.836			
DEW CELLS				
1	85.195	INACT 39.346	3 83.184	4 86.274
INACT	82.549	INACT 81.387	7 82.990	8 83.131
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	AVG 84.251
AMBIENT PRESS	- 14.26661		VAPOR PRESS - .5816949	
DRY PRESSURE	- 72.01471			
FLOWS	- 0	0	AVG 0	

***** SENSOR LIST *****
 RECORD NUMBER - 77 DATE - 0/28 TIME - 9:15:27

PRESSURES	72.588	72.5848	AVG -	72.5864
RTD/S				
1	89.638	2 89.638	3 90.219	4 85.896
5	89.355	6 88.483	7 90.582	8 89.119
9	88.320	10 88.294	11 86.855	12 91.626
13	92.521	14 90.999	15 94.878	16 95.397
17	94.784	18 95.563	19 93.766	20 92.244
21	82.990	22 82.990	23 82.424	24 82.896
25	82.754	26 82.966	INACT 82.754	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
AVG	86.780			
DEW CELLS				
1	84.785	INACT 39.346	3 82.539	4 86.177
INACT	82.217	INACT 81.289	7 82.896	8 82.990
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	AVG 84.015
AMBIENT PRESS	- 14.26725		VAPOR PRESS - .5773308	
DRY PRESSURE	- 72.00906			
FLOWS	- 0	0	AVG 0	

***** SENSOR LIST *****
 RECORD NUMBER - 78 DATE - 0/28 TIME - 9:30:27

PRESSURES	72.5784	72.576	AVG -	72.57719
RTD/S				
1	89.615	2 89.615	3 90.219	4 85.873
5	53.355	6 88.459	7 90.582	8 89.119
9	85.281	10 88.318	11 86.836	12 91.626
13	92.432	14 90.999	15 94.902	16 95.374
17	94.784	18 95.539	19 93.625	20 92.435
21	82.943	22 82.919	23 82.354	24 82.825
25	82.684	26 82.896	INACT 82.684	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
AVG	86.744			
DEW CELLS				
1	84.854	INACT 39.346	3 82.754	4 86.250
INACT	85.752	INACT 78.945	7 82.825	8 82.943
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	AVG 84.043
AMBIENT PRESS	- 14.26661		VAPOR PRESS - .5778508	
DRY PRESSURE	- 71.99934			
FLows	-	0	AVG 0	

***** SENSOR LIST *****
 RECORD NUMBER - 79 DATE - 0/28 TIME - 9:45:27

PRESSURES	72.5688	72.5664	AVG -	72.5676
RTD/S				
1	89.591	2 89.591	3 90.171	4 85.896
5	89.332	6 88.436	7 90.559	8 89.049
9	88.262	10 88.270	11 86.816	12 91.626
13	92.521	14 90.910	15 94.902	16 95.374
17	94.713	18 95.587	19 93.578	20 92.244
21	82.849	22 82.849	23 82.307	24 82.731
25	82.613	26 82.801	INACT 82.613	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
AVG	86.694			
DEW CELLS				
1	84.893	INACT 39.346	3 82.783	4 86.262
INACT	82.979	INACT 81.016	7 82.731	8 82.849
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	AVG 84.016
AMBIENT PRESS	- 14.26484		VAPOR PRESS - .5773343	
DRY PRESSURE	- 71.99027			
FLows	- 0	0	AVG 0	

***** SENSOR LIST *****
 RECORD NUMBER - 80 DATE - 0/28 TIME - 10: 0:27

PRESSURES	72.56	72.5576	AVG -	72.5588
RTD/S				
1	89.591	2 89.615	3 90.171	4 85.849
5	89.332	6 88.412	7 90.535	8 89.025
9	88.223	10 88.247	11 86.797	12 91.626
13	92.432	14 90.999	15 94.949	16 95.350
17	94.760	18 95.539	19 93.578	20 92.157
21	82.778	22 82.778	23 82.212	24 82.660
25	82.566	26 82.778	INACT 82.566	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
AVG	86.658			
DEW CELLS				
1	85.010	INACT 39.346	3 83.193	4 86.177
INACT	81.904	INACT 81.055	7 82.660	8 82.778
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	AVG 84.036
AMBIENT PRESS	- 14.26302		VAPOR PRESS - .5777125	
DRY PRESSURE	- 71.98109			
FLAWS	- 0	0	AVG 0	

***** SENSOR LIST *****
 RECORD NUMBER - 81 DATE - 0/28 TIME - 10:15:27

PRESSURES	72.552	72.5488	AVG -	72.5504
RTD/S				
1	89.591	2 89.591	3 90.148	4 85.801
5	89.308	6 88.412	7 90.559	8 89.002
9	88.203	10 88.200	11 86.738	12 91.626
13	92.521	14 90.910	15 94.925	16 95.350
17	94.736	18 95.516	19 93.578	20 92.149
21	82.707	22 82.731	23 82.189	24 82.613
25	82.495	26 82.707	INACT 82.495	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
AVG	86.622			
DEW CELLS				
1	84.951	INACT 39.346	3 82.939	4 86.153
INACT	84.287	INACT 80.957	7 82.613	8 82.707
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	AVG 83.963
AMBIENT PRESS	- 14.26243		VAPOR PRESS - .5763714	
DRY PRESSURE	- 71.97403			
FLAWS	- 0	0	AVG 0	

TOTAL TIME CALCULATION RESULTS

DATE - 07-30-1988

TIME - 14:41:48

TIME	TEMP	VAPOR PRESS	DEW POINT	CORR. AIR PRESS	LSF LEAK RATE	UPPER CONF LEVEL	MEASURED LEAK RATE
1015	546.292	0.5764	83.963	71.974	0.0000	0.00000	0.00000
1030	546.262	0.5764	83.966	71.966	0.0000	0.00000	0.59509
1045	546.234	0.5756	83.920	71.958	0.5313	0.00000	0.53129
1100	546.197	0.5756	83.919	71.951	0.4592	0.49338	0.45757
1115	546.161	0.5755	83.919	71.944	0.4134	0.44981	0.42329
1130	546.135	0.5747	83.870	71.937	0.3974	0.45706	0.42606
1145	546.100	0.5738	83.823	71.931	0.3695	0.41241	0.38462
1200	546.073	0.5727	83.762	71.926	0.3458	0.38413	0.36474
1215	546.053	0.5715	83.700	71.920	0.3342	0.37627	0.36864
1230	546.029	0.5716	83.702	71.914	0.3282	0.37259	0.37015
1245	546.005	0.5706	83.650	71.909	0.3232	0.36671	0.36444
1300	545.987	0.5702	83.626	71.903	0.3216	0.36578	0.36850
1315	545.965	0.5704	83.638	71.898	0.3207	0.36408	0.36707
1330	545.944	0.5694	83.585	71.893	0.3180	0.35921	0.35789
1345	545.922	0.5690	83.563	71.888	0.3155	0.35505	0.35428
1400	545.910	0.5688	83.553	71.884	0.3146	0.35337	0.35740
1415	545.907	0.5686	83.541	71.879	0.3178	0.35729	0.37283
1430	545.899	0.5680	83.507	71.874	0.3213	0.36032	0.37553
1445	545.878	0.5676	83.485	71.870	0.3219	0.35913	0.36379
1500	545.864	0.5678	83.496	71.865	0.3233	0.35959	0.36696
1515	545.857	0.5670	83.454	71.861	0.3250	0.36049	0.36936
1530	545.851	0.5658	83.388	71.859	0.3259	0.36007	0.36479
1545	545.824	0.5641	83.290	71.856	0.3229	0.35519	0.34244
1600	545.817	0.5632	83.242	71.852	0.3206	0.35167	0.34310
1615	545.811	0.5624	83.200	71.849	0.3186	0.34853	0.34218
1630	545.803	0.5627	83.214	71.845	0.3175	0.34659	0.34586
1645	545.802	0.5607	83.106	71.843	0.3159	0.34390	0.34024
1700	545.792	0.5597	83.047	71.841	0.3135	0.34057	0.33350
1715	545.785	0.5592	83.020	71.838	0.3114	0.33758	0.33214
1730	545.781	0.5580	82.952	71.835	0.3092	0.33456	0.32912
1745	545.780	0.5580	82.955	71.832	0.3077	0.33240	0.33205
1800	545.763	0.5584	82.974	71.828	0.3061	0.33005	0.32889
1815	545.760	0.5576	82.933	71.826	0.3042	0.32755	0.32548
1830	545.754	0.5574	82.920	71.823	0.3025	0.32522	0.32421
1845	545.759	0.5571	82.905	71.820	0.3014	0.32363	0.32750
1900	545.751	0.5570	82.898	71.818	0.2999	0.32159	0.32277
1915	545.750	0.5574	82.920	71.815	0.2989	0.32010	0.32489
1930	545.735	0.5564	82.863	71.814	0.2969	0.31749	0.31433
1945	545.738	0.5552	82.795	71.812	0.2948	0.31489	0.31123
2000	545.732	0.5558	82.831	71.809	0.2930	0.31271	0.31239
2015	545.734	0.5548	82.775	71.808	0.2913	0.31051	0.31028
2030	545.726	0.5548	82.775	71.805	0.2895	0.30832	0.30819
2045	545.728	0.5552	82.796	71.802	0.2881	0.30664	0.31086
2100	545.718	0.5554	82.811	71.799	0.2868	0.30492	0.30896
2115	545.713	0.5554	82.809	71.796	0.2855	0.30329	0.30805
2130	545.716	0.5555	82.812	71.794	0.2844	0.30190	0.30889
2145	545.709	0.5551	82.789	71.792	0.2832	0.30040	0.30642
2200	545.703	0.5543	82.747	71.790	0.2817	0.29864	0.30208
2215	545.699	0.5537	82.712	71.788	0.2802	0.29681	0.29929
2230	545.696	0.5528	82.661	71.787	0.2786	0.29487	0.29619

TOTAL TIME CALCULATION RESULTS

DATE - 07-30-1988

TIME - 14:41:52

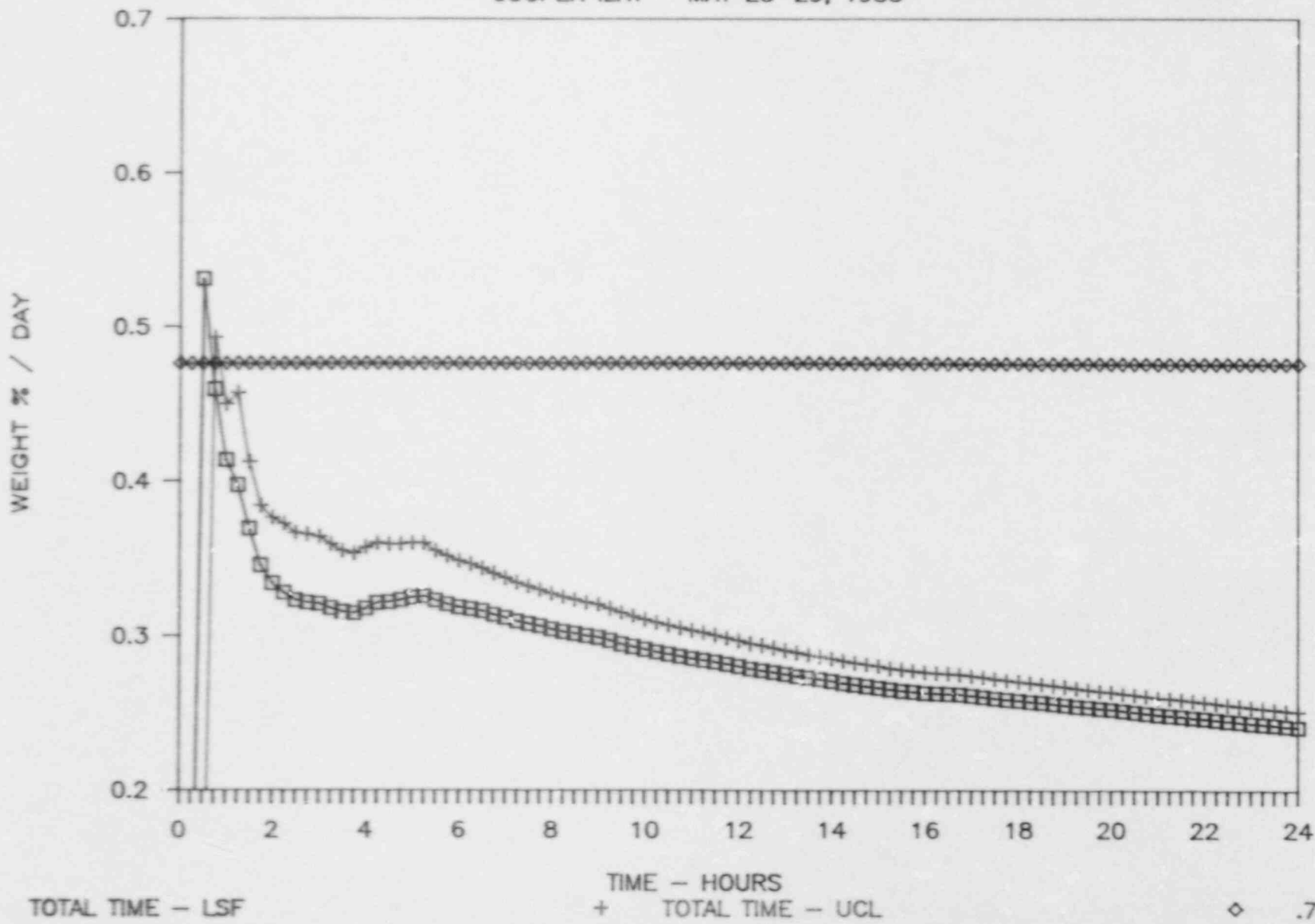
TIME	TEMP	VAPOR PRESS	DEW POINT	CORR. AIR PRESS	LSF LEAK RATE	UPPER CONF LEVEL	MEASURED LEAK RATE
2245	545.705	0.5540	82.729	71.783	0.2776	0.29372	0.30306
2300	545.689	0.5537	82.715	71.781	0.2764	0.29222	0.29834
2315	545.687	0.5529	82.670	71.779	0.2752	0.29076	0.29702
2330	545.679	0.5536	82.706	71.776	0.2740	0.28938	0.29640
2345	545.674	0.5534	82.698	71.773	0.2729	0.28799	0.29493
0	545.670	0.5534	82.695	71.771	0.2718	0.28670	0.29480
15	545.663	0.5532	82.686	71.768	0.2707	0.28544	0.29374
30	545.654	0.5527	82.655	71.766	0.2695	0.28399	0.29009
45	545.647	0.5528	82.665	71.763	0.2684	0.28265	0.28983
100	545.658	0.5532	82.684	71.761	0.2675	0.28169	0.29348
115	545.640	0.5530	82.674	71.758	0.2666	0.28053	0.29001
130	545.629	0.5523	82.632	71.755	0.2655	0.27928	0.28747
145	545.630	0.5543	82.749	71.752	0.2647	0.27841	0.29129
200	545.624	0.5538	82.721	71.749	0.2640	0.27754	0.29064
215	545.615	0.5540	82.727	71.746	0.2632	0.27662	0.28894
230	545.611	0.5567	82.880	71.741	0.2628	0.27612	0.29387
245	545.600	0.5583	82.972	71.736	0.2626	0.27581	0.29615
300	545.593	0.5581	82.959	71.734	0.2623	0.27538	0.29433
315	545.581	0.5547	82.768	71.735	0.2615	0.27442	0.28579
330	545.579	0.5545	82.756	71.733	0.2607	0.27354	0.28537
345	545.572	0.5536	82.709	71.731	0.2599	0.27257	0.28313
400	545.559	0.5540	82.732	71.727	0.2591	0.27166	0.28281
415	545.551	0.5546	82.765	71.724	0.2584	0.27078	0.28238
430	545.548	0.5545	82.760	71.721	0.2577	0.27003	0.28363
445	545.545	0.5535	82.699	71.720	0.2570	0.26919	0.28139
500	545.523	0.5535	82.702	71.717	0.2561	0.26819	0.27763
515	545.519	0.5537	82.711	71.714	0.2553	0.26729	0.27821
530	545.511	0.5536	82.707	71.711	0.2546	0.26640	0.27744
545	545.503	0.5534	82.698	71.709	0.2538	0.26552	0.27669
600	545.499	0.5533	82.688	71.706	0.2531	0.26473	0.27727
615	545.498	0.5529	82.671	71.704	0.2524	0.26394	0.27650
630	545.480	0.5525	82.643	71.702	0.2516	0.26300	0.27301
645	545.471	0.5520	82.617	71.699	0.2508	0.26205	0.27155
700	545.475	0.5519	82.613	71.696	0.2501	0.26126	0.27352
717	545.461	0.5518	82.605	71.693	0.2491	0.26020	0.27182
730	545.457	0.5519	82.610	71.691	0.2487	0.25970	0.27225
745	545.449	0.5519	82.613	71.688	0.2480	0.25890	0.27114
800	545.438	0.5517	82.602	71.686	0.2473	0.25809	0.26990
815	545.429	0.5508	82.550	71.684	0.2465	0.25719	0.26713
830	545.423	0.5513	82.575	71.681	0.2457	0.25637	0.26791
845	545.419	0.5507	82.542	71.679	0.2450	0.25558	0.26744
900	545.413	0.5505	82.532	71.676	0.2443	0.25481	0.26717
915	545.406	0.5507	82.546	71.674	0.2436	0.25403	0.26624
930	545.393	0.5506	82.536	71.671	0.2429	0.25323	0.26474
945	545.405	0.5502	82.515	71.669	0.2423	0.25257	0.26698
1000	545.391	0.5498	82.492	71.668	0.2416	0.25178	0.26371
1015	545.389	0.5499	82.498	71.666	0.2410	0.25104	0.26368

MEASURED LEAK RATE USING TOTAL TIME: 0.240957

THE MEAN TOTAL TIME RATE OF 0.271030
IS LESS THAN ALLOWABLE MAXIMUM RATE OF .635

TOTAL TIME - TYPE A TEST

COOPER ILRT - MAY 28-29, 1988



MASS POINT

DATE - 07-30-1988

TIME - 14:39:12

TIME	TEMP	VAPOR PRESS	DEW POINT	CORR. AIR PRESS	CONT AIR MASS	LSF LEAK RATE	UPPER CONF LEVEL
1015	546.292	0.5764	83.963	71.974	86254.24	0.00000	0.00000
1030	546.262	0.5764	83.966	71.966	86248.90	0.00000	0.00000
1045	546.234	0.5756	83.920	71.958	86244.70	0.53128	0.00000
1100	546.197	0.5756	83.919	71.951	86241.91	0.45824	0.59365
1115	546.161	0.5755	83.919	71.944	86239.04	0.41607	0.50093
1130	546.135	0.5747	83.870	71.937	86235.11	0.40697	0.45936
1145	546.100	0.5738	83.823	71.931	86233.51	0.37921	0.42719
1200	546.073	0.5727	83.762	71.926	86231.31	0.35645	0.39937
1215	546.053	0.5715	83.700	71.920	86227.75	0.34850	0.38206
1230	546.029	0.5716	83.702	71.914	86224.33	0.34624	0.37251
1245	546.005	0.5706	83.650	71.909	86221.50	0.34356	0.36489
1300	545.987	0.5702	83.626	71.903	86217.82	0.34457	0.36203
1315	545.965	0.5704	83.638	71.898	86214.67	0.34536	0.36000
1330	545.944	0.5694	83.585	71.893	86212.44	0.34306	0.35594
1345	545.922	0.5690	83.563	71.888	86209.68	0.34070	0.35200
1400	545.910	0.5688	83.553	71.884	86206.09	0.34043	0.35017
1415	545.907	0.5686	83.541	71.879	86200.66	0.34541	0.35533
1430	545.899	0.5680	83.507	71.874	86196.88	0.35022	0.36023
1445	545.878	0.5676	83.485	71.870	86195.41	0.35073	0.35959
1500	545.864	0.5678	83.496	71.865	86191.60	0.35215	0.36014
1515	545.857	0.5670	83.454	71.861	86187.87	0.35400	0.36149
1530	545.851	0.5658	83.388	71.859	86185.41	0.35444	0.36129
1545	545.824	0.5641	83.290	71.856	86186.56	0.34953	0.35748
1600	545.817	0.5632	83.242	71.852	86183.34	0.34585	0.35396
1615	545.811	0.5624	83.200	71.849	86180.46	0.34275	0.35078
1630	545.803	0.5627	83.214	71.845	86176.56	0.34109	0.34865
1645	545.802	0.5607	83.106	71.843	86174.77	0.33864	0.34606
1700	545.792	0.5597	83.047	71.841	86173.37	0.33534	0.34297
1715	545.785	0.5592	83.020	71.838	86170.69	0.33241	0.34007
1730	545.781	0.5580	82.952	71.835	86168.48	0.32948	0.33717
1745	545.780	0.5580	82.955	71.832	86164.74	0.32760	0.33502
1800	545.763	0.5584	82.974	71.828	86162.64	0.32553	0.33274
1815	545.760	0.5576	82.933	71.826	86160.66	0.32324	0.33037
1830	545.754	0.5574	82.920	71.823	86158.12	0.32114	0.32814
1845	545.759	0.5571	82.905	71.820	86154.20	0.31991	0.32662
1900	545.751	0.5570	82.898	71.818	86152.75	0.31877	0.32473
1915	545.750	0.5574	82.920	71.815	86149.16	0.31705	0.32333
1930	545.735	0.5564	82.863	71.814	86149.76	0.31454	0.32097
1945	545.738	0.5552	82.795	71.812	86147.98	0.31194	0.31855
2000	545.732	0.5558	82.831	71.809	86144.77	0.30989	0.31647
2015	545.734	0.5548	82.775	71.808	86142.73	0.30782	0.31441
2030	545.726	0.5548	82.775	71.805	86140.72	0.30577	0.31235
2045	545.728	0.5552	82.796	71.802	86136.95	0.30435	0.31077
2100	545.718	0.5554	82.811	71.799	86134.88	0.30289	0.30917
2115	545.713	0.5554	82.809	71.796	86132.46	0.30152	0.30766
2130	545.716	0.5555	82.812	71.794	86129.36	0.30044	0.30641
2145	545.709	0.5551	82.789	71.792	86127.61	0.29921	0.30504
2200	545.703	0.5543	82.747	71.790	86126.69	0.29763	0.30342
2215	545.699	0.5537	82.712	71.788	86125.17	0.29592	0.30171
2230	545.696	0.5528	82.661	71.787	86123.84	0.29405	0.29991

MASS POINT

DATE - 07-30-1988

TIME - 14:39:15

TIME	TEMP	VAPOR PRESS	DEW POINT	CORR. AIR PRESS	CONT AIR MASS	LSF LEAK RATE	UPPER CONF LEVEL
2245	545.705	0.5540	82.729	71.783	86118.10	0.29318	0.29886
2300	545.689	0.5537	82.715	71.781	86117.54	0.29191	0.29750
2315	545.687	0.5529	82.670	71.779	86115.48	0.29064	0.29616
2330	545.679	0.5536	82.706	71.776	86113.09	0.28945	0.29489
2345	545.674	0.5534	82.698	71.773	86111.14	0.28826	0.29362
0	545.670	0.5534	82.695	71.771	86108.56	0.28718	0.29245
15	545.663	0.5532	82.686	71.768	86106.45	0.28611	0.29131
30	545.654	0.5527	82.655	71.766	86105.68	0.28481	0.28997
45	545.647	0.5528	82.665	71.763	86103.21	0.28361	0.28873
100	545.658	0.5532	82.684	71.761	86098.56	0.28290	0.28789
115	545.640	0.5530	82.674	71.758	86097.91	0.28194	0.28685
130	545.629	0.5523	82.632	71.755	86096.69	0.28084	0.28571
145	545.630	0.5543	82.749	71.752	86091.98	0.28020	0.28496
200	545.624	0.5538	82.721	71.749	86089.73	0.27958	0.28423
215	545.615	0.5540	82.727	71.746	86088.09	0.27888	0.28344
230	545.611	0.5567	82.880	71.741	86082.62	0.27870	0.28311
245	545.600	0.5583	82.972	71.736	86078.63	0.27874	0.28302
300	545.593	0.5581	82.959	71.734	86077.07	0.27365	0.28280
315	545.581	0.5547	82.768	71.735	86079.63	0.27786	0.28196
330	545.579	0.5545	82.756	71.733	86077.33	0.27712	0.28116
345	545.572	0.5536	82.709	71.731	86076.17	0.27626	0.28027
400	545.559	0.5540	82.732	71.727	86073.84	0.27545	0.27943
415	545.551	0.5546	82.765	71.724	86071.57	0.27468	0.27862
430	545.548	0.5545	82.760	71.721	86068.21	0.27408	0.27796
445	545.545	0.5505	82.699	71.720	86067.16	0.27336	0.27720
500	545.523	0.5535	82.702	71.717	86067.16	0.27241	0.27626
515	545.519	0.5537	82.711	71.714	86064.27	0.27159	0.27542
530	545.511	0.5536	82.707	71.711	86062.30	0.27078	0.27459
545	545.503	0.5534	82.698	71.709	86060.34	0.26997	0.27377
600	545.499	0.5533	82.688	71.706	86057.45	0.26928	0.27304
615	545.498	0.5529	82.671	71.704	86055.50	0.26859	0.27231
630	545.480	0.5525	82.643	71.702	86055.55	0.26770	0.27143
645	545.471	0.5520	82.617	71.699	86054.18	0.26678	0.27053
700	545.475	0.5519	82.613	71.696	86050.27	0.26607	0.26979
717	545.461	0.5518	82.605	71.693	86048.77	0.26529	0.26899
730	545.457	0.5519	82.610	71.691	86046.40	0.26460	0.26828
745	545.449	0.5519	82.613	71.688	86044.81	0.26388	0.26755
800	545.438	0.5517	82.602	71.686	86043.35	0.26314	0.26679
815	545.429	0.5508	82.550	71.684	86043.11	0.26227	0.26594
830	545.423	0.5513	82.579	71.681	86040.09	0.26151	0.26517
845	545.419	0.5507	82.542	71.679	86038.01	0.26078	0.26442
900	545.413	0.5505	82.532	71.676	86035.87	0.26008	0.26371
915	545.406	0.5507	82.546	71.674	86034.25	0.25937	0.26298
930	545.393	0.5506	82.536	71.671	86033.12	0.25861	0.26222
945	545.405	0.5502	82.515	71.669	86028.84	0.25804	0.26162
1000	545.391	0.5498	82.492	71.668	86029.22	0.25732	0.26089
1015	545.389	0.5499	82.498	71.666	86026.88	0.25664	0.26020

MAX ALLOWABLE LEAK RATE : .635

75% OF MAX ALLOWABLE LEAK RATE

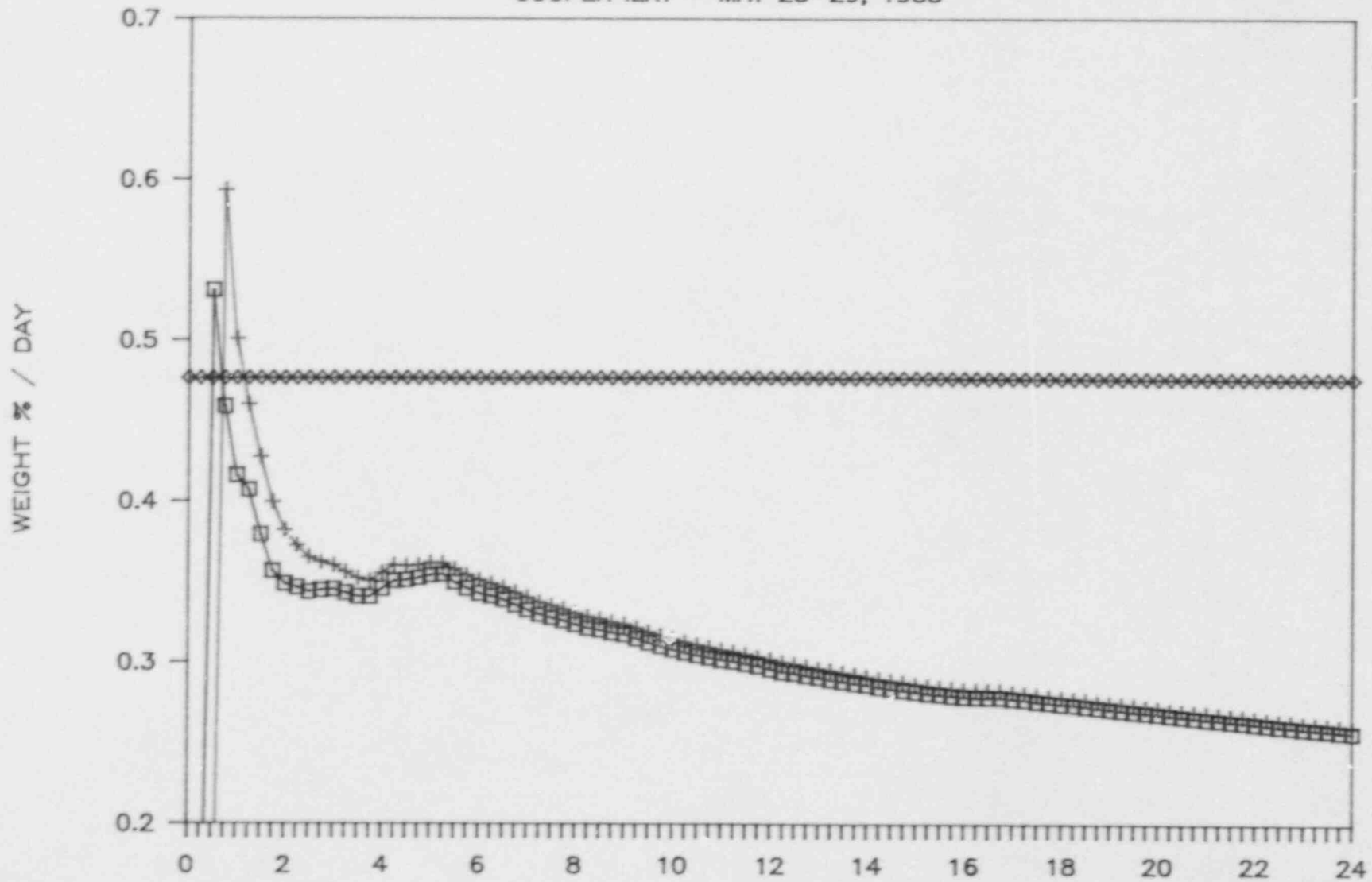
.47625

EPRI EQUATION #6 IS SATISFIED.

EPRI EQUATION #7 IS SATISFIED

MASS POINT - TYPE A TEST

COOPER ILRT - MAY 28-29, 1988



□ MASS POINT - 'SF

TIME - HOURS
+ MASS POINT - UCL

◇ .75 La

Attachment 5D

MASS LOSS

DATE - 07-30-1988

TIME - 14:44:11

REC NUM	TIME DELTA (HOURS)	CONT AIR MASS	MASS LOSS INCR	MASS LOSS (1 HR)	MASS LOSS (x 24)
81	0.00	86254.242	0.000	0.000	0.000
82	0.25	86248.898	-5.344	0.000	0.000
83	0.50	86244.695	-4.203	0.000	0.000
84	0.75	86241.914	-2.781	0.000	0.000
85	1.00	86239.039	-2.875	15.203	364.875
86	1.25	86235.109	-3.930	13.789	330.938
87	1.50	86233.508	-1.602	11.188	268.500
88	1.75	86231.312	-2.195	10.602	254.438
89	2.00	86227.750	-3.563	11.239	270.938
90	2.25	86224.328	-3.422	10.781	258.750
91	2.50	86221.500	-2.828	12.008	288.188
92	2.75	86217.820	-3.680	13.492	323.813
93	3.00	86214.672	-3.148	13.078	313.875
94	3.25	86212.438	-2.234	11.891	285.375
95	3.50	86209.680	-2.758	11.820	283.688
96	3.75	86206.086	-3.594	11.734	281.625
97	4.00	86200.656	-5.430	14.016	336.375
98	4.25	86196.883	-3.773	15.555	373.313
99	4.50	86195.406	-1.477	14.273	342.563
100	4.75	86191.602	-3.805	14.484	347.625
101	5.00	86187.867	-3.734	12.789	306.938
102	5.25	86185.414	-2.453	11.469	275.250
103	5.50	86186.555	1.141	8.852	212.438
104	5.75	86183.344	-3.211	8.258	198.188
105	6.00	86180.461	-2.883	7.406	177.750
106	6.25	86176.562	-3.898	8.852	212.438
107	6.50	86174.766	-1.797	11.789	282.938
108	6.75	86173.367	-1.398	9.977	239.438
109	7.00	86170.688	-2.680	9.773	234.563
110	7.25	86168.484	-2.203	8.078	193.875
111	7.50	86164.742	-3.742	10.023	240.563
112	7.75	86162.641	-2.102	10.727	257.438
113	8.00	86160.664	-1.977	10.023	240.563
114	8.25	86158.117	-2.547	10.367	248.813
115	8.50	86154.203	-3.914	10.539	252.938
116	8.75	86152.750	-1.453	9.891	237.375
117	9.00	86149.156	-3.594	11.508	276.188
118	9.25	86149.758	0.602	8.359	200.625
119	9.50	86147.984	-1.773	6.219	149.250
120	9.75	86144.773	-3.211	7.977	191.438
121	10.00	86142.734	-2.039	6.422	154.125
122	10.25	86140.719	-2.016	9.039	216.938
123	10.50	86136.945	-3.773	11.039	264.938
124	10.75	86134.875	-2.070	9.898	237.563
125	11.00	86132.461	-2.414	10.273	246.563
126	11.25	86129.359	-3.102	11.359	272.625
127	11.50	86127.609	-1.750	9.336	224.063
128	11.75	86126.688	-0.922	8.188	196.500
129	12.00	86125.172	-1.516	7.289	174.938
130	12.25	86123.844	-1.328	5.516	132.375

 DATE - 07-30-1988

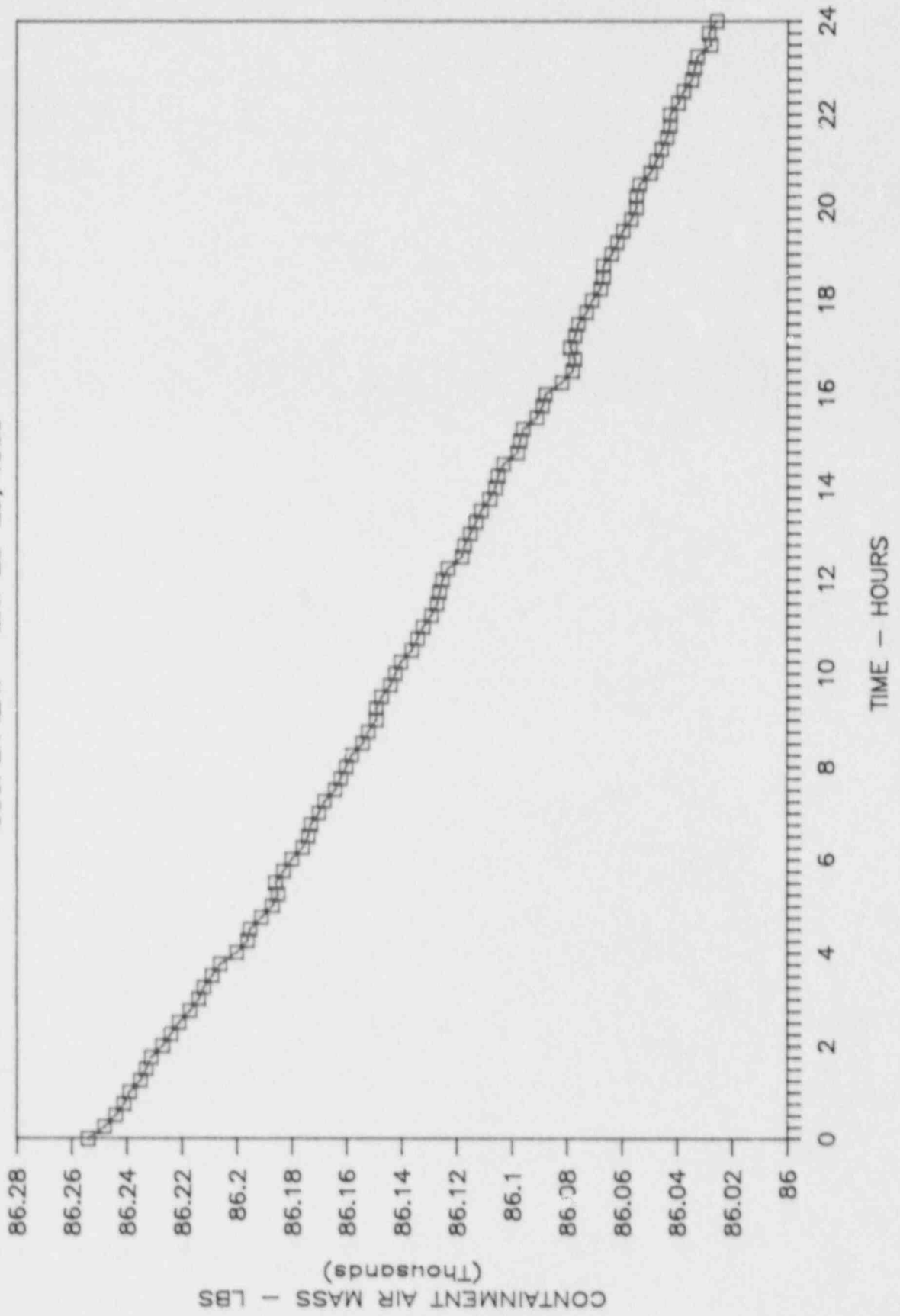
MASS LOSS

 TIME - 14:44:15

REC NUM	TIME DELTA (HOURS)	CONT AIR MASS	MASS LOSS INCR	MASS LOSS (1 HR)	MASS LOSS (x 24)
131	12.50	86118.102	-5.742	9.508	228.188
132	12.75	86117.539	-0.563	9.148	219.563
133	13.00	86115.484	-2.055	9.688	232.500
134	13.25	86113.094	-2.391	10.750	258.000
135	13.50	86111.141	-1.953	6.961	167.063
136	13.75	86108.562	-2.578	8.977	215.438
137	14.00	86106.453	-2.109	9.031	216.750
138	14.25	86105.680	-0.773	7.414	177.938
139	14.50	86103.211	-2.469	7.030	190.313
140	14.75	86098.664	-4.547	9.898	237.563
141	15.00	86097.906	-0.758	8.547	205.125
142	15.25	86096.680	-1.219	8.992	215.813
143	15.50	86091.984	-4.703	11.227	269.438
144	15.75	86089.727	-2.258	8.938	214.500
145	16.00	86088.094	-1.633	9.813	235.500
146	16.25	86082.617	-5.477	14.070	337.688
147	16.50	86078.625	-3.992	13.359	320.625
148	16.75	86077.070	-1.555	12.656	303.750
149	17.00	86079.633	2.563	8.461	203.063
150	17.25	86077.328	-2.305	5.289	126.938
151	17.50	86076.172	-1.156	2.453	58.875
152	17.75	86073.836	-2.336	3.234	77.625
153	18.00	86071.570	-2.266	8.063	193.500
154	18.25	86068.211	-3.359	9.117	218.813
155	18.50	86067.156	-1.055	9.016	216.375
156	18.75	86067.164	0.008	6.672	160.125
157	19.00	86064.273	-2.891	7.297	175.125
158	19.25	86062.297	-1.977	5.914	141.938
159	19.50	86060.336	-1.961	6.820	163.688
160	19.75	86057.445	-2.891	9.719	233.250
161	20.00	86055.500	-1.945	8.773	210.563
162	20.25	86055.547	0.047	6.750	162.000
163	20.50	86054.180	-1.367	6.156	147.750
164	20.75	86050.266	-3.914	7.180	172.313
165	21.03	86048.773	-1.492	6.727	161.438
166	21.24	86046.398	-2.375	9.148	219.563
167	21.49	86044.805	-1.594	9.375	225.000
168	21.74	86043.352	-1.453	6.914	165.938
169	21.99	86043.109	-0.242	7.156	171.750
170	22.24	86040.086	-3.023	6.313	151.500
171	22.49	86038.062	-2.023	6.742	161.813
172	22.74	86035.867	-2.195	7.484	179.625
173	22.99	86034.250	-1.617	8.859	212.625
174	23.24	86033.117	-1.133	6.969	167.250
175	23.49	86028.836	-4.281	9.227	221.438
176	23.74	86029.219	0.383	6.648	159.563
177	23.99	86026.875	-2.344	7.375	177.000

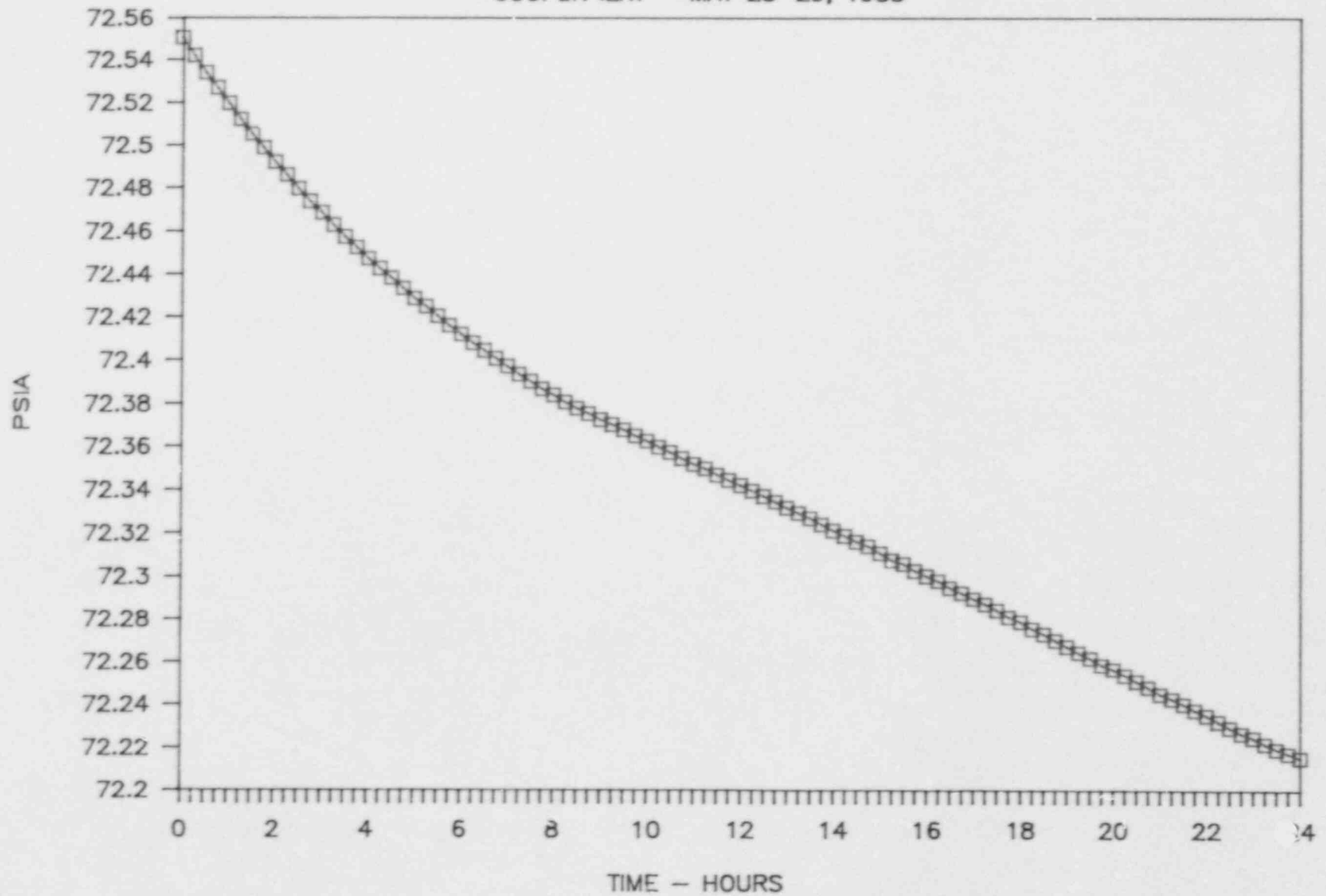
MASS LOSS - TYPE A TEST

COOPER ILRT - MAY 28-29, 1988



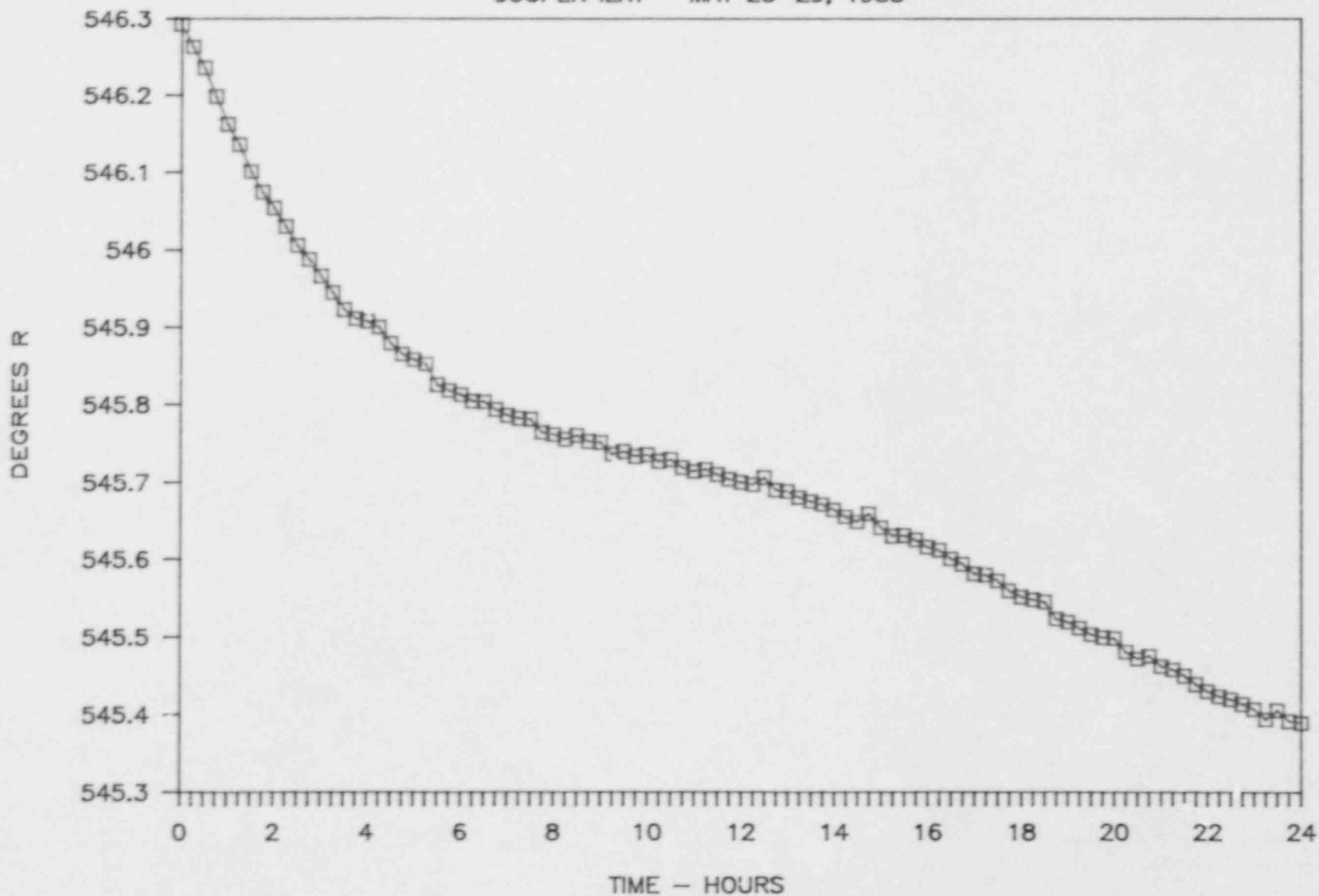
PRESSURE - TYPE A TEST

CCOPER ILRT - MAY 28-29, 1988



AVERAGE TEMPERATURE - TYPE A TEST

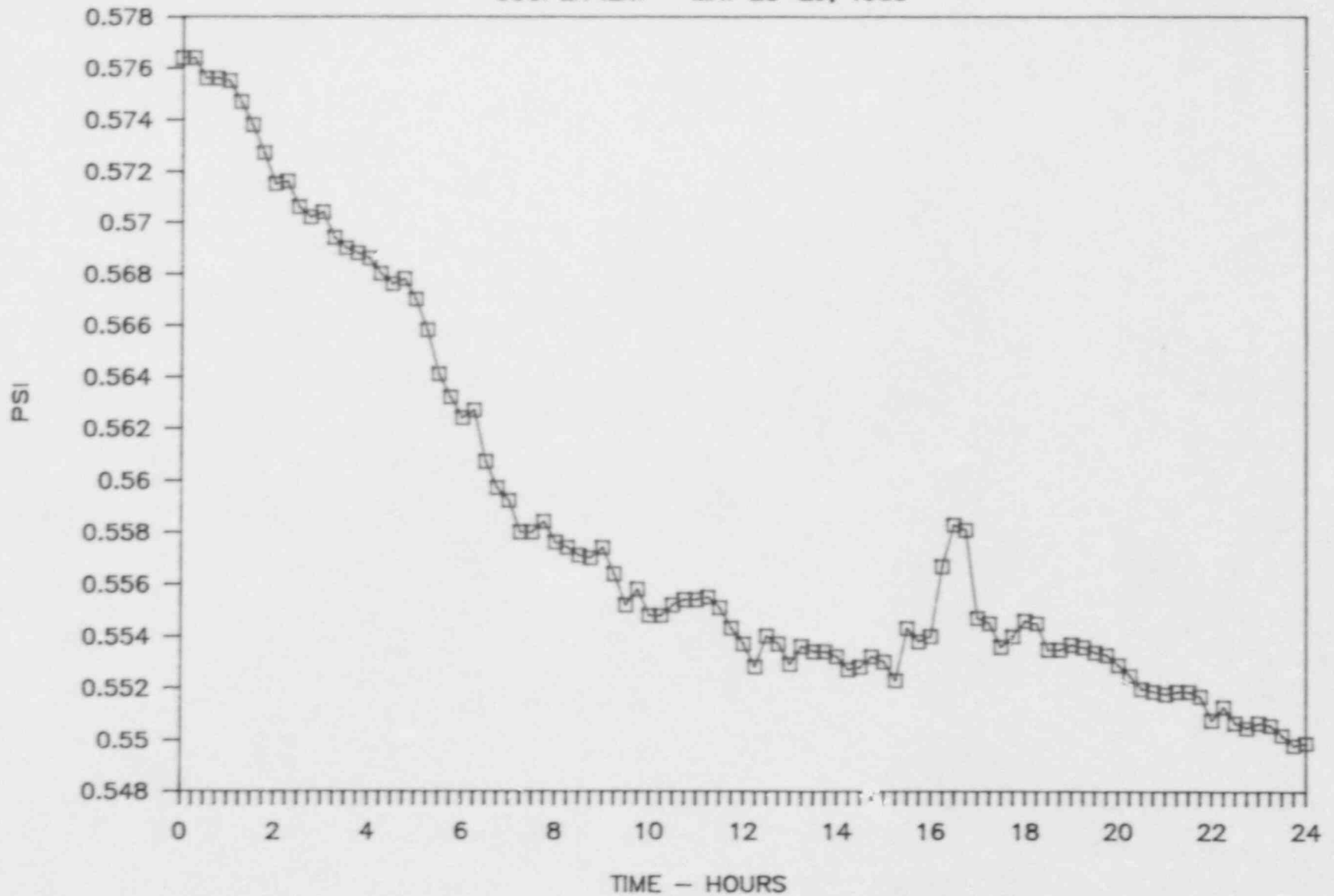
COOPER ILRT - MAY 28-29, 1988



Attachment 5H

VAPOR PRESSURE - TYPE A TEST

COOPER ILRT - MAY 28-29, 1988



 DATE - 07-30-1988

ENVIRONMENT LISTING

 TIME - 14:48:06

REC NUM	DATE	TIME	TEMP	VAPOR PRESSURE	CORRECT. PRESSURE	RELATIVE HUMIDITY	AIR DENSITY	PSIA/HR VARIANCE
81	28	1015	546.292	0.5764	71.9740	92.07	0.3556	0.00000
82	28	1030	546.262	0.5764	71.9656	92.16	0.3556	-0.03378
83	28	1045	546.234	0.5756	71.9584	92.11	0.3556	-0.02866
84	28	1100	546.197	0.5756	71.9512	92.22	0.3556	-0.02875
85	28	1115	546.161	0.5755	71.9441	92.32	0.3556	-0.02877
86	28	1130	546.135	0.5747	71.9373	92.25	0.3555	-0.02682
87	28	1145	546.100	0.5738	71.9314	92.22	0.3555	-0.02374
88	28	1200	546.073	0.5727	71.9261	92.11	0.3555	-0.02118
89	28	1215	546.053	0.5715	71.9205	91.99	0.3555	-0.02261
90	28	1230	546.029	0.5716	71.9144	92.06	0.3555	-0.02414
91	28	1245	546.005	0.5706	71.9090	91.98	0.3555	-0.02182
92	28	1300	545.987	0.5702	71.9034	91.96	0.3555	-0.02219
93	28	1315	545.965	0.5704	71.8980	92.06	0.3555	-0.02170
94	28	1330	545.944	0.5694	71.8934	91.97	0.3554	-0.01852
95	28	1345	545.922	0.5690	71.8882	91.97	0.3554	-0.02081
96	28	1400	545.910	0.5688	71.8836	91.97	0.3554	-0.01846
97	28	1415	545.907	0.5686	71.8786	91.95	0.3554	-0.01990
98	28	1430	545.899	0.5680	71.8744	91.87	0.3554	-0.01675
99	28	1445	545.878	0.5676	71.8704	91.87	0.3554	-0.01599
100	28	1500	545.864	0.5678	71.8654	91.94	0.3554	-0.01999
101	28	1515	545.857	0.5670	71.8614	91.84	0.3553	-0.01614
102	28	1530	545.851	0.5658	71.8586	91.66	0.3553	-0.01120
103	28	1545	545.824	0.5641	71.8559	91.45	0.3553	-0.01053
104	28	1600	545.817	0.5632	71.8524	91.33	0.3553	-0.01410
105	28	1615	545.811	0.5624	71.8492	91.22	0.3553	-0.01297
106	28	1630	545.803	0.5627	71.8449	91.28	0.3553	-0.01697
107	28	1645	545.802	0.5607	71.8433	90.97	0.3553	-0.00665
108	28	1700	545.792	0.5597	71.8407	90.83	0.3553	-0.01013
109	28	1715	545.785	0.5592	71.8376	90.77	0.3553	-0.01245
110	28	1730	545.781	0.5580	71.8352	90.58	0.3553	-0.00952
111	28	1745	545.780	0.5580	71.8320	90.60	0.3552	-0.01303
112	28	1800	545.763	0.5584	71.8280	90.70	0.3552	-0.01578
113	28	1815	545.760	0.5576	71.8260	90.59	0.3552	-0.00821
114	28	1830	545.754	0.5574	71.8230	90.57	0.3552	-0.01187
115	28	1845	545.759	0.5571	71.8205	90.51	0.3552	-0.01013
116	28	1900	545.751	0.5570	71.8182	90.51	0.3552	-0.00912
117	28	1915	545.750	0.5574	71.8150	90.58	0.3552	-0.01279
118	28	1930	545.735	0.5564	71.8136	90.46	0.3552	-0.00552
119	28	1945	545.738	0.5552	71.8124	90.25	0.3552	-0.00473
120	28	2000	545.732	0.5558	71.8090	90.37	0.3552	-0.01373
121	28	2015	545.734	0.5548	71.8076	90.21	0.3552	-0.00568
122	28	2030	545.726	0.5548	71.8048	90.23	0.3551	-0.01111
123	28	2045	545.728	0.5552	71.8020	90.28	0.3551	-0.01114
124	28	2100	545.718	0.5554	71.7990	90.35	0.3551	-0.01224
125	28	2115	545.713	0.5554	71.7962	90.36	0.3551	-0.01105
126	28	2130	545.716	0.5555	71.7941	90.36	0.3551	-0.00827
127	28	2145	545.709	0.5551	71.7917	90.31	0.3551	-0.00952
128	28	2200	545.703	0.5543	71.7901	90.21	0.3551	-0.00662
129	28	2215	545.699	0.5537	71.7883	90.12	0.3551	-0.00714
130	28	2230	545.696	0.5528	71.7868	89.98	0.3551	-0.00598

 DATE - 07-30-1988

ENVIRONMENT LISTING

 TIME - 14:48:10

REC NUM	DATE	TIME	TEMP	VAPOR PRESSURE	CORRECT. PRESSURE	RELATIVE HUMIDITY	AIR DENSITY	PSIA/HR VARIANCE
131	28	2245	545.705	0.5540	71.7832	90.15	0.3551	-0.01437
132	28	2300	545.689	0.5537	71.7807	90.16	0.3551	-0.01019
133	28	2315	545.687	0.5529	71.7787	90.03	0.3550	-0.00803
134	28	2330	545.679	0.5536	71.7756	90.16	0.3550	-0.01215
135	28	2345	545.674	0.5534	71.7734	90.15	0.3550	-0.00909
136	29	0	545.670	0.5534	71.7706	90.16	0.3550	-0.01093
137	29	15	545.663	0.5532	71.7680	90.15	0.3550	-0.01056
138	29	30	545.654	0.5527	71.7661	90.09	0.3550	-0.00742
139	29	45	545.647	0.5528	71.7632	90.13	0.3550	-0.01190
140	29	100	545.658	0.5532	71.7608	90.16	0.3550	-0.00937
141	29	115	545.640	0.5530	71.7578	90.18	0.3550	-0.01203
142	29	130	545.629	0.5523	71.7553	90.09	0.3550	-0.00985
143	29	145	545.630	0.5543	71.7516	90.43	0.3549	-0.01474
144	29	200	545.624	0.5538	71.7490	90.36	0.3549	-0.01074
145	29	215	545.615	0.5540	71.7464	90.40	0.3549	-0.01007
146	29	230	545.611	0.5567	71.7413	90.86	0.3549	-0.02048
147	29	245	545.600	0.5583	71.7365	91.17	0.3549	-0.01944
148	29	300	545.593	0.5581	71.7343	91.15	0.3549	-0.00864
149	29	315	545.581	0.5547	71.7349	90.62	0.3549	0.00244
150	29	330	545.579	0.5545	71.7327	90.59	0.3549	-0.00873
151	29	345	545.572	0.5536	71.7308	90.48	0.3549	-0.00784
152	29	400	545.559	0.5540	71.7272	90.58	0.3549	-0.01447
153	29	415	545.551	0.5546	71.7242	90.70	0.3549	-0.01190
154	29	430	545.548	0.5545	71.7211	90.69	0.3548	-0.01251
155	29	445	545.545	0.5535	71.7197	90.53	0.3548	-0.00525
156	29	500	545.523	0.5535	71.7169	90.60	0.3548	-0.01141
157	29	515	545.519	0.5537	71.7139	90.63	0.3548	-0.01184
158	29	530	545.511	0.5536	71.7112	90.65	0.3548	-0.01089
159	29	545	545.503	0.5534	71.7086	90.64	0.3548	-0.01059
160	29	600	545.499	0.5533	71.7056	90.63	0.3548	-0.01202
161	29	615	545.498	0.5529	71.7039	90.58	0.3548	-0.00677
162	29	630	545.480	0.5525	71.7015	90.55	0.3548	-0.00928
163	29	645	545.471	0.5520	71.6992	90.50	0.3548	-0.00934
164	29	700	545.475	0.5519	71.6965	90.48	0.3548	-0.01093
165	29	717	545.461	0.5518	71.6934	90.49	0.3548	-0.01071
166	29	730	545.457	0.5519	71.6909	90.52	0.3548	-0.01201
167	29	745	545.449	0.5519	71.6885	90.55	0.3548	-0.00977
168	29	800	545.438	0.5517	71.6859	90.55	0.3547	-0.01047
169	29	815	545.429	0.5508	71.6844	90.43	0.3547	-0.00592
170	29	830	545.423	0.5513	71.6811	90.53	0.3547	-0.01321
171	29	845	545.419	0.5507	71.6789	90.43	0.3547	-0.00858
172	29	900	545.413	0.5505	71.6763	90.42	0.3547	-0.01053
173	29	915	545.406	0.5507	71.6741	90.48	0.3547	-0.00900
174	29	930	545.393	0.5506	71.6714	90.48	0.3547	-0.01044
175	29	945	545.405	0.5502	71.6694	90.39	0.3547	-0.00809
176	29	1000	545.391	0.5498	71.6678	90.37	0.3547	-0.00638
177	29	1015	545.389	0.5499	71.6657	90.39	0.3547	-0.00848

***** SENSOR LIST *****
 RECORD NUMBER - 81 DATE - 0/28 TIME - 10:15:27

PRESSURES	72.552	72.5488	AVG -	72.5504
RTD/S				
1 89.591	2 89.591	3 90.148	4 85.801	
5 89.308	6 88.412	7 90.559	8 89.002	
9 88.203	10 88.200	11 86.738	12 91.626	
13 92.521	14 90.910	15 94.925	16 95.350	
17 94.736	18 95.516	19 93.578	20 92.149	
21 82.707	22 82.731	23 82.189	24 82.613	
25 82.495	26 82.707	INACT 82.495	INACT 0.000	
INACT 0.000	INACT 0.000	INACT 0.000	INACT 0.000	
INACT 0.000	INACT 0.000	INACT 0.000	INACT 0.000	
INACT 0.000	INACT 0.000	INACT 0.000	INACT 0.000	
AVG 86.622				
DEW CELLS				
1 84.951	INACT 39.346	3 82.939	4 86.153	
INACT 84.287	INACT 80.957	7 82.613	8 82.707	
INACT 0.000	INACT 0.000	INACT 0.000	INACT 0.000	
INACT 0.000	INACT 0.000	INACT 0.000	AVG 83.963	
AMBIENT PRESS - 14.26243		VAPOR PRESS - .5763714		
DRY PRESSURE - 71.97403				
FLWS - 0	0	AVG 0		

***** SENSOR LIST *****
 RECORD NUMBER - 82 DATE - 0/28 TIME - 10:30:27

PRESSURES	72.5432	72.5408	AVG -	72.542
RTD/S				
1 89.568	2 89.568	3 90.148	4 85.825	
5 89.285	6 88.265	7 90.535	8 88.978	
9 88.164	10 88.200	11 86.699	12 91.626	
13 92.521	14 90.999	15 94.902	16 95.327	
17 94.713	18 95.468	19 93.532	20 92.482	
21 82.684	22 82.636	23 82.095	24 82.542	
25 82.424	26 82.660	INACT 82.424	INACT 0.000	
INACT 0.000	INACT 0.000	INACT 0.000	INACT 0.000	
INACT 0.000	INACT 0.000	INACT 0.000	INACT 0.000	
INACT 0.000	INACT 0.000	INACT 0.000	INACT 0.000	
AVG 86.592				
DEW CELLS				
1 84.971	INACT 39.346	3 83.115	4 86.153	
INACT 83.535	INACT 80.986	7 82.542	8 82.684	
INACT 0.000	INACT 0.000	INACT 0.000	INACT 0.000	
INACT 0.000	INACT 0.000	INACT 0.000	AVG 83.965	
AMBIENT PRESS - 14.26243		VAPOR PRESS - .5764158		
DRY PRESSURE - 71.96558				
FLWS - 0	0	AVG 0		

***** SENSOR LIST *****
 RECORD NUMBER - 93 DATE - 0/28 TIME - 10:45:27

PRESSURES	72.5352	72.5328	AVG -	72.534
RTD/S				
1 89.568	2 89.568	3 90.124	4 85.825	
5 89.285	6 88.388	7 90.535	8 88.931	
9 88.125	10 88.152	11 86.699	12 91.626	
13 92.521	14 90.999	15 94.878	16 95.280	
17 94.736	18 95.492	19 93.485	20 92.387	
21 82.509	22 82.636	23 82.071	24 82.519	
25 82.377	26 82.589	INACT 82.377	INACT 0.000	
INACT 0.000	INACT 0.000	INACT 0.000	INACT 0.000	
INACT 0.000	INACT 0.000	INACT 0.000	INACT 0.000	
INACT 0.000	INACT 0.000	INACT 0.000	INACT 0.000	
AVG 86.564				
DEW CELLS				
1 84.951	INACT 39.346	3 83.125	4 86.081	
INACT 81.426	INACT 81.006	7 82.519	8 82.589	
INACT 0.000	INACT 0.000	INACT 0.000	INACT 0.000	
INACT 0.000	INACT 0.000	INACT 0.000	AVG 83.920	
AMBIENT PRESS - 14.26243		VAPOR PRESS - .5755735		
DRY PRESSURE - 71.95842				
FLOWS - 0	0	AVG 0		

***** SENSOR LIST *****
 RECORD NUMBER - 84 DATE - 0/28 TIME - 11:00:27

PRESSURES	72.528	72.5256	AVG -	72.52639
RTD/S				
1 89.544	2 89.521	3 90.124	4 85.801	
5 89.261	6 88.388	7 90.511	8 88.907	
9 88.125	10 88.129	11 86.660	12 91.626	
13 92.521	14 90.999	15 94.878	16 95.327	
17 94.713	18 95.445	19 93.532	20 92.244	
21 82.566	22 82.589	23 82.000	24 82.424	
25 82.330	26 82.519	INACT 82.330	INACT 0.000	
INACT 0.000	INACT 0.000	INACT 0.000	INACT 0.000	
INACT 0.000	INACT 0.000	INACT 0.000	INACT 0.000	
INACT 0.000	INACT 0.000	INACT 0.000	INACT 0.000	
AVG 86.527				
DEW CELLS				
1 84.971	INACT 39.346	3 83.320	4 86.081	
INACT 81.240	INACT 80.889	7 82.424	8 82.566	
INACT 0.000	INACT 0.000	INACT 0.000	INACT 0.000	
INACT 0.000	INACT 0.000	INACT 0.000	AVG 83.919	
AMBIENT PRESS - 14.26302		VAPOR PRESS - .57556		
DRY PRESSURE - 71.95123				
FLOWS - 0	0	AVG 0		


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SENSOR LIST
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RECORD NUMBER - 85          DATE - 0/28          TIME - 11:15:27

PRESSURES          72.5208          72.5184          AVG -          72.5196
RTD/S
  1  89.521          2  89.544          3  90.124          4  85.801
  5  89.261          6  88.341          7  90.464          8  88.884
  9  88.105          10 88.105          11 86.621          12 91.536
 13 92.521          14 90.999          15 94.925          16 95.280
 17 94.689          18 95.492          19 93.532          20 92.197
 21 82.495          22 82.519          23 81.953          24 82.401
 25 82.259          26 82.448          INACT 82.259          INACT 0.000
INACT 0.000          INACT 0.000          INACT 0.000          INACT 0.000
INACT 0.000          INACT 0.000          INACT 0.000          INACT 0.000
INACT 0.000          INACT 0.000          INACT 0.000          INACT 0.000
AVG 86.491
DEW CELLS
  1  85.049          INACT 39.346          3  83.350          4  86.081
INACT 81.504          INACT 80.859          7  82.401          8  82.495
INACT 0.000          INACT 0.000          INACT 0.000          INACT 0.000
INACT 0.000          INACT 0.000          INACT 0.000          AVG 83.919
AMBIENT PRESS - 14.26121          VAPOR PRESS - .5755454
DRY PRESSURE - 71.94405
FLOWS - 0          0          AVG 0

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SENSOR LIST
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RECORD NUMBER - 86          DATE - 0/28          TIME - 11:30:27

PRESSURES          72.5136          72.5104          AVG -          72.512
RTD/S
  1  89.544          2  89.521          3  90.124          4  85.801
  5  89.261          6  88.341          7  90.488          8  88.860
  9  88.066          10 88.082          11 86.602          12 91.626
 13 92.521          14 90.910          15 94.973          16 95.280
 17 94.713          18 95.468          19 93.532          20 92.244
 21 82.424          22 82.471          23 81.906          24 82.307
 25 82.212          26 82.424          INACT 82.212          INACT 0.000
INACT 0.000          INACT 0.000          INACT 0.000          INACT 0.000
INACT 0.000          INACT 0.000          INACT 0.000          INACT 0.000
INACT 0.000          INACT 0.000          INACT 0.000          INACT 0.000
AVG 86.465
DEW CELLS
  1  85.010          INACT 39.346          3  83.398          4  86.045
INACT 81.445          INACT 80.811          7  82.307          8  82.424
INACT 0.000          INACT 0.000          INACT 0.000          INACT 0.000
INACT 0.000          INACT 0.000          INACT 0.000          AVG 83.870
AMBIENT PRESS - 14.25821          VAPOR PRESS - .5746558
DRY PRESSURE - 71.93735
FLOWS - 0          0          AVG 0

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***** SENSOR LIST *****
 RECORD NUMBER - 87 DATE - 0/28 TIME - 11:45:27

PRESSURES	72.5064	72.504	AVG -	72.5052
RTD/S				
1	89.521	2 89.544	3 90.100	4 85.778
5	89.238	6 88.341	7 90.488	8 88.837
9	88.047	10 88.058	11 86.563	12 91.536
13	92.521	14 90.999	15 94.878	16 95.303
17	94.713	18 95.397	19 93.578	20 92.197
21	82.354	22 82.424	23 81.835	24 82.283
25	82.165	26 82.354	INACT 82.165	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
AVG	86.430			
DEW CELLS				
1	84.951	INACT 39.346	3 83.232	4 86.069
INACT	81.377	INACT 80.742	7 82.283	8 82.354
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	AVG 83.823
AMBIENT PRESS	- 14.25821		VAPOR PRESS - .5737907	
DRY PRESSURE	- 71.93141			
FLOWS	- 0	0	AVG 0	

***** SENSOR LIST *****
 RECORD NUMBER - 88 DATE - 0/28 TIME - 12: 0:27

PRESSURES	72.5	72.4976	AVG -	72.4988
RTD/S				
1	89.521	2 89.521	3 90.076	4 85.754
5	89.214	6 88.341	7 90.464	8 88.813
9	88.027	10 88.011	11 86.543	12 91.536
13	92.521	14 90.999	15 94.878	16 95.280
17	94.713	18 95.468	19 93.625	20 92.149
21	82.354	22 82.354	23 81.812	24 82.212
25	82.118	26 82.307	INACT 82.118	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
AVG	86.403			
DEW CELLS				
1	84.893	INACT 39.346	3 83.135	4 85.972
INACT	81.348	INACT 80.703	7 82.212	8 82.354
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	AVG 83.762
AMBIENT PRESS	- 14.25885		VAPOR PRESS - .5726742	
DRY PRESSURE	- 71.92612			
FLOWS	- 0	0	AVG 0	

***** SENSOR LIST *****
 RECORD NUMBER - 89 DATE - 0/28 TIME - 12:15:27

PRESSURES	72.4936	72.4904	AVG -	72.492
RTD/S				
1	89.497	2 89.497	3 90.100	4 85.754
5	89.214	6 88.341	7 90.464	8 88.789
9	87.988	10 88.035	11 86.523	12 91.626
13	92.521	14 90.910	15 94.854	16 95.327
17	94.689	18 95.492	19 93.532	20 92.387
21	82.283	22 82.330	23 81.741	24 82.212
25	82.071	26 82.236	INACT 82.071	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
AVG	86.383			
DEW CELLS				
1	84.805	INACT 39.346	3 82.939	4 85.948
INACT	81.240	INACT 80.674	7 82.212	8 82.283
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	AVG 83.700
AMBIENT PRESS	- 14.25644		VAPOR PRESS - .5715376	
DRY PRESSURE	- 71.92046			
FLWS	- 0	0	AVG 0	

***** SENSOR LIST *****
 RECORD NUMBER - 90 DATE - 0/28 TIME - 12:30:27

PRESSURES	72.4872	72.4848	AVG -	72.486
RTD/S				
1	89.521	2 89.473	3 90.100	4 85.754
5	89.214	6 88.318	7 90.441	8 88.766
9	87.988	10 87.987	11 86.523	12 91.536
13	92.521	14 90.910	15 94.878	16 95.374
17	94.713	18 95.468	19 93.578	20 92.244
21	82.236	22 82.236	23 81.671	24 82.212
25	82.048	26 82.259	INACT 82.048	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
AVG	86.359			
DEW CELLS				
1	84.775	INACT 39.346	3 83.135	4 85.936
INACT	81.221	INACT 80.615	7 82.212	8 82.236
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	AVG 83.702
AMBIENT PRESS	- 14.25521		VAPOR PRESS - .5715697	
DRY PRESSURE	- 71.91443			
FLWS	- 0	0	AVG 0	

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SENSOR LIST
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RECORD NUMBER - 91          DATE - 0/28          TIME - 12:45:27

PRESSURES      72.4808      72.4784      AVG -      72.4796
RTD/S
  1  89.497      2  89.473      3  90.076      4  85.730
  5  89.214      6  88.318      7  90.464      8  88.742
  9  87.969     10  87.964     11  86.484     12  91.536
 13  92.611     14  90.910     15  94.854     16  95.327
 17  94.713     18  95.445     19  93.625     20  92.149
 21  82.236     22  82.212     23  81.647     24  82.118
 25  82.000     26  82.212     INACT 82.000     INACT 0.000
INACT 0.000     INACT 0.000     INACT 0.000     INACT 0.000
INACT 0.000     INACT 0.000     INACT 0.000     INACT 0.000
INACT 0.000     INACT 0.000     INACT 0.000     INACT 0.000
AVG  86.335
DEW CELLS
  1  84.707     INACT 39.346      3  83.066      4  85.899
INACT 81.777     INACT 80.537      7  82.118      8  82.236
INACT 0.000     INACT 0.000     INACT 0.000     INACT 0.000
INACT 0.000     INACT 0.000     INACT 0.000     AVG  83.650
AMBIENT PRESS - 14.25104      VAPOR PRESS - .570622
DRY PRESSURE - 71.90897
FLOWS - 0      0      AVG  0

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*****
SENSOR LIST
*****
RECORD NUMBER - 92          DATE - 0/28          TIME - 13:00:27

PRESSURES      72.4752      72.472      AVG -      72.4736
RTD/S
  1  89.497      2  89.497      3  90.076      4  85.730
  5  89.214      6  88.270      7  90.441      8  88.719
  9  87.949     10  87.917     11  86.465     12  91.536
 13  92.521     14  90.999     15  94.996     16  95.303
 17  94.689     18  95.468     19  93.625     20  92.339
 21  82.165     22  82.165     23  81.623     24  82.071
 25  81.953     26  82.189     INACT 81.953     INACT 0.000
INACT 0.000     INACT 0.000     INACT 0.000     INACT 0.000
INACT 0.000     INACT 0.000     INACT 0.000     INACT 0.000
INACT 0.000     INACT 0.000     INACT 0.000     INACT 0.000
AVG  86.316
DEW CELLS
  1  84.707     INACT 39.346      3  83.037      4  85.924
INACT 81.270     INACT 80.508      7  82.071      8  82.165
INACT 0.000     INACT 0.000     INACT 0.000     INACT 0.000
INACT 0.000     INACT 0.000     INACT 0.000     AVG  83.626
AMBIENT PRESS - 14.25045      VAPOR PRESS - .5701764
DRY PRESSURE - 71.90743
FLOWS - 0      0      AVG  0

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***** SENSOR LIST *****
 RECORD NUMBER - 93 DATE - 0/28 TIME - 13:15:27

PRESSURES	72.4696	72.4672	AVG -	72.4684
RTD/S				
1	89.473	2 89.497	3 90.100	4 85.730
5	89.190	6 88.294	7 90.441	8 88.695
9	87.930	10 87.917	11 86.465	12 91.447
13	92.521	14 90.910	15 94.949	16 95.327
17	94.713	18 95.563	19 93.578	20 92.244
21	82.142	22 82.165	23 81.576	24 82.071
25	81.906	26 82.142	INACT 81.906	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
AVG	86.295			
DEW CELLS				
1	84.736	INACT 39.346	3 83.184	4 85.899
INACT	80.488	INACT 80.479	7 82.071	8 82.142
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	AVG 83.638
AMBIENT PRESS	- 14.24622		VAPOR PRESS - .5703943	
DRY PRESSURE	- 71.898			
FLOWS	- 0	0	AVG 0	

***** SENSOR LIST *****
 RECORD NUMBER - 94 DATE - 0/28 TIME - 13:30:27

PRESSURES	72.464	72.4616	AVG -	72.4628
RTD/S				
1	89.473	2 89.473	3 90.052	4 85.706
5	89.190	6 88.270	7 90.417	8 88.671
9	87.910	10 87.917	11 86.445	12 91.536
13	92.521	14 90.999	15 94.973	16 95.374
17	94.689	18 95.492	19 93.672	20 92.244
21	82.118	22 82.074	23 81.553	24 81.977
25	81.906	26 82.095	INACT 81.906	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
AVG	86.274			
DEW CELLS				
1	84.727	INACT 39.346	3 83.037	4 85.863
INACT	80.576	INACT 80.400	7 81.977	8 82.118
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	AVG 83.585
AMBIENT PRESS	- 14.24446		VAPOR PRESS - .569431	
DRY PRESSURE	- 71.89337			
FLOWS	- 0	0	AVG 0	

***** SENSOR LIST *****
 RECORD NUMBER - 95 DATE - 0/28 TIME - 13:45:27

PRESSURES	72.4584	72.456	AVG -	72.4572
RTD/S				
1	89.473	2 89.497	3 90.029	4 85.683
5	89.167	6 88.270	7 90.394	8 88.671
9	87.891	10 87.893	11 86.406	12 91.536
13	92.521	14 90.910	15 94.949	16 95.350
17	94.642	18 95.468	19 93.672	20 92.244
21	82.071	22 82.048	23 81.529	24 81.977
25	81.835	26 82.095	INACT 81.835	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
AVG	86.252			
DEW CELLS				
1	84.697	INACT 39.346	3 83.066	4 85.827
INACT	80.596	INACT 80.479	7 81.977	8 82.071
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	AVG 83.563
AMBIENT PRESS	- 14.24205		VAPOR PRESS - .5690333	
DRY PRESSURE	- 71.88817			
FLOWS	- 0	0	AVG 0	

***** SENSOR LIST *****
 RECORD NUMBER - 96 DATE - 0/28 TIME - 14:0:27

PRESSURES	72.4536	72.4512	AVG -	72.4524
RTD/S				
1	89.473	2 89.473	3 90.052	4 85.706
5	89.143	6 88.270	7 90.394	8 88.648
9	87.871	10 87.869	11 86.406	12 91.536
13	92.611	14 90.999	15 94.973	16 95.327
17	94.689	18 95.516	19 93.766	20 92.292
21	82.024	22 82.024	23 81.506	24 81.953
25	81.788	26 82.000	INACT 81.788	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
AVG	86.240			
DEW CELLS				
1	84.658	INACT 39.346	3 83.076	4 85.887
INACT	83.506	INACT 78.916	7 81.953	8 82.024
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	AVG 83.553
AMBIENT PRESS	- 14.24082		VAPOR PRESS - .5688483	
DRY PRESSURE	- 71.88355			
FLOWS	- 0	0	AVG 0	

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*****
SENSOR LIST
*****
RECORD NUMBER - 97          DATE - 0/28          TIME - 14:15:27

PRESSURES          72.4488          72.4456          AVG -          72.44721
RTD/S
  1  89.473          2  89.473          3  90.052          4  85.706
  5  89.143          6  88.247          7  90.394          8  88.624
  9  87.871          10 87.869          11 86.367          12 91.536
 13 92.611          14 90.999          15 94.996          16 95.350
 17 94.713          18 95.539          19 93.812          20 92.244
 21 82.024          22 82.000          23 81.482          24 81.953
 25 81.788          26 82.024          INACT 81.788          INACT 0.000
INACT 0.000          INACT 0.000          INACT 0.000          INACT 0.000
INACT 0.000          INACT 0.000          INACT 0.000          INACT 0.000
INACT 0.000          INACT 0.000          INACT 0.000          INACT 0.000
AVG 86.237
DEW CELLS
  1  84.678          INACT 39.346          3  83.145          4  85.779
INACT 84.453          INACT 77.119          7  81.953          8  82.024
INACT 0.000          INACT 0.000          INACT 0.000          INACT 0.000
INACT 0.000          INACT 0.000          INACT 0.000          AVG 83.541
AMBIENT PRESS - 14.23724          VAPOR PRESS - .5686271
DRY PRESSURE - 71.87858
FLOWS - 0          0          AVG 0

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*****
SENSOR LIST
*****
RECORD NUMBER - 98          DATE - 0/28          TIME - 14:30:27

PRESSURES          72.444          72.4408          AVG -          72.4424
RTD/S
  1  89.450          2  89.473          3  90.052          4  85.683
  5  89.143          6  88.247          7  90.417          8  88.648
  9  87.852          10 87.799          11 86.348          12 91.536
 13 92.700          14 90.999          15 95.043          16 95.374
 17 94.713          18 95.539          19 93.859          20 92.292
 21 81.977          22 82.000          23 81.435          24 81.953
 25 81.765          26 82.024          INACT 81.765          INACT 0.000
INACT 0.000          INACT 0.000          INACT 0.000          INACT 0.000
INACT 0.000          INACT 0.000          INACT 0.000          INACT 0.000
INACT 0.000          INACT 0.000          INACT 0.000          INACT 0.000
AVG 86.229
DEW CELLS
  1  84.619          INACT 39.346          3  82.979          4  85.815
INACT 85.049          INACT 76.709          7  81.953          8  81.977
INACT 0.000          INACT 0.000          INACT 0.000          INACT 0.000
INACT 0.000          INACT 0.000          INACT 0.000          AVG 83.507
AMBIENT PRESS - 14.23606          VAPOR PRESS - .5680117
DRY PRESSURE - 71.87439
FLOWS - 0          0          AVG 0

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*****
SENSOR LIST
RECORD NUMBER - 99          DATE - 0/28          TIME - 14:45:27
*****

PRESSURES      72.4392      72.4368      AVG -      72.438
RTD/S
  1  89.450      2  89.473      3  90.052      4  85.706
  5  89.143      6  88.247      7  90.394      8  88.601
  9  87.832     10  87.822     11  86.328     12  91.626
 13  92.611     14  90.999     15  95.091     16  95.374
 17  94.713     18  95.516     19  93.859     20  92.435
 21  81.930     22  81.953     23  81.388     24  81.859
 25  81.741     26  81.977     INACT 81.741     INACT 0.000
INACT 0.000     INACT 0.000     INACT 0.000     INACT 0.000
INACT 0.000     INACT 0.000     INACT 0.000     INACT 0.000
INACT 0.000     INACT 0.000     INACT 0.000     INACT 0.000
AVG  86.208
DEW CELLS
  1  84.658     INACT 39.346      3  82.988      4  85.815
INACT 84.854     INACT 77.061      7  81.859      8  81.930
INACT 0.000     INACT 0.000     INACT 0.000     INACT 0.000
INACT 0.000     INACT 0.000     INACT 0.000     AVG  83.485
AMBIENT PRF - 14.23547      VAPOR PRESS - .5676091
DRY PRESSURE - 71.87039
FLOWS - 0      0      AVG  0

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*****
SENSOR LIST
RECORD NUMBER - 100        DATE - 0/28          TIME - 15:00:27
*****

PRESSURES      72.4344      72.432      AVG -      72.4332
RTD/S
  1  89.450      2  89.450      3  90.052      4  85.659
  5  89.143      6  88.223      7  90.370      8  88.577
  9  87.832     10  87.822     11  86.309     12  91.536
 13  92.700     14  90.999     15  95.114     16  95.397
 17  94.760     18  95.587     19  93.906     20  92.244
 21  81.930     22  81.930     23  81.411     24  81.883
 25  81.671     26  81.930     INACT 81.671     INACT 0.000
INACT 0.000     INACT 0.000     INACT 0.000     INACT 0.000
INACT 0.000     INACT 0.000     INACT 0.000     INACT 0.000
INACT 0.000     INACT 0.000     INACT 0.000     INACT 0.000
AVG  86.194
DEW CELLS
  1  84.639     INACT 39.346      3  83.076      4  85.815
INACT 84.600     INACT 77.441      7  81.883      8  81.930
INACT 0.000     INACT 0.000     INACT 0.000     INACT 0.000
INACT 0.000     INACT 0.000     INACT 0.000     AVG  83.496
AMBIENT PRESS - 14.23483      VAPOR PRESS - .5678037
DRY PRESSURE - 71.8654
FLOWS - 0      0      AVG  0

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*****
SENSOR LIST
RECORD NUMBER - 101          DATE - 0/28          TIME - 15:15:27
*****

PRESSURES          72.4296          72.4272          AVG -          72.42841
RTD/S
  1  89.450          2  89.497          3  90.052          4  85.659
  5  89.143          6  88.223          7  90.370          8  88.577
  9  87.813          10 87.799          11 86.289          12 91.626
 13 92.700          14 91.089          15 95.091          16 95.445
 17 94.736          18 95.539          19 93.999          20 92.435
 21 81.883          22 81.906          23 81.341          24 81.835
 25 81.671          26 81.906          INACT 81.671          INACT 0.000
INACT 0.000          INACT 0.000          INACT 0.000          INACT 0.000
INACT 0.000          INACT 0.000          INACT 0.000          INACT 0.000
INACT 0.000          INACT 0.000          INACT 0.000          INACT 0.000
AVG 86.187
DEW CELLS
  1  84.570          INACT 39.346          3  82.979          4  85.839
INACT 84.785          INACT 77.031          7  81.835          8  81.883
INACT 0.000          INACT 0.000          INACT 0.000          INACT 0.000
INACT 0.000          INACT 0.000          INACT 0.000          AVG 83.454
AMBIENT PRESS - 14.23483          VAPOR PRESS - .567045
DRY PRESSURE - 71.86136
FLOWS - 0          0          AVG 0

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*****
SENSOR LIST
RECORD NUMBER - 102          DATE - 0/28          TIME - 15:30:27
*****

PRESSURES          72.4256          72.4232          AVG -          72.4244
RTD/S
  1  89.450          2  89.450          3  90.029          4  85.683
  5  89.143          6  88.223          7  90.370          8  88.577
  9  87.793          10 87.775          11 86.289          12 91.536
 13 92.700          14 91.049          15 95.138          16 95.445
 17 94.784          18 95.610          19 93.952          20 92.673
 21 81.835          22 81.859          23 81.364          24 81.835
 25 81.671          26 81.883          INACT 81.671          INACT 0.000
INACT 0.000          INACT 0.000          INACT 0.000          INACT 0.000
INACT 0.000          INACT 0.000          INACT 0.000          INACT 0.000
INACT 0.000          INACT 0.000          INACT 0.000          INACT 0.000
AVG 86.181
DEW CELLS
  1  84.463          INACT 39.346          3  82.881          4  85.742
INACT 84.561          INACT 77.236          7  81.835          8  81.835
INACT 0.000          INACT 0.000          INACT 0.000          INACT 0.000
INACT 0.000          INACT 0.000          INACT 0.000          AVG 83.388
AMBIENT PRESS - 14.23547          VAPOR PRESS - .5658405
DRY PRESSURE - 71.85856
FLOWS - 0          0          AVG 0

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 RECORD NUMBER - 103 SENSOR LIST DATE - 0/28 TIME - 15:45:27

PRESSURES	72.4216	72.4184	AVG -	72.42
RTD/S				
1	89.450	2 89.450	3 90.029	4 85.659
5	89.143	6 88.200	7 90.370	8 88.553
9	87.773	10 87.752	11 86.289	12 91.536
13	92.700	14 91.089	15 95.091	16 95.468
17	94.807	18 95.563	19 93.999	20 92.435
21	81.859	22 81.835	23 81.317	24 81.741
25	81.623	26 81.835	INACT 81.623	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
AVG	86.154			
DEW CELLS				
1	84.229	INACT 39.346	3 82.607	4 85.742
INACT	84.453	INACT 77.734	7 81.741	8 81.859
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	AVG 83.290
AMBIENT PRESS	- 14.23424		VAPOR PRESS - .5640723	
DRY PRESSURE	- 71.85593			
FLOWS	- 0	0	AVG 0	

 RECORD NUMBER - 104 SENSOR LIST DATE - 0/28 TIME - 16: 0:27

PRESSURES	72.4168	72.4144	AVG -	72.4156
RTD/S				
1	89.450	2 89.450	3 90.029	4 85.635
5	89.119	6 88.200	7 90.370	8 88.553
9	87.773	10 87.728	11 86.270	12 91.626
13	92.700	14 90.999	15 95.209	16 95.468
17	94.784	18 95.563	19 94.046	20 92.387
21	81.835	22 81.812	23 81.294	24 81.765
25	81.576	26 81.859	INACT 81.576	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
AVG	86.147			
DEW CELLS				
1	84.121	INACT 39.268	3 82.480	4 85.694
INACT	80.557	INACT 80.254	7 81.765	8 81.835
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	AVG 83.242
AMBIENT PRESS	- 14.23306		VAPOR PRESS - .5631999	
DRY PRESSURE	- 71.8524			
FLOWS	- 0	0	AVG 0	

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*****
SENSOR LIST
RECORD NUMBER - 105          DATE - 0/28          TIME - 16:15:27
*****

PRESSURES          72.4128          72.4104          AVG -          72.41161
RTD/S
  1  89.426          2  89.450          3  90.052          4  85.659
  5  89.143          6  88.200          7  90.370          8  88.530
  9  87.754          10 87.728          11 86.250          12 91.626
  13 92.790          14 91.089          15 95.091          16 95.468
  17 94.854          18 95.610          19 94.093          20 92.530
  21 81.788          22 81.788          23 81.246          24 81.718
  25 81.576          26 81.835          INACT 81.576          INACT 0.000
INACT 0.000          INACT 0.000          INACT 0.000          INACT 0.000
INACT 0.000          INACT 0.000          INACT 0.000          INACT 0.000
INACT 0.000          INACT 0.000          INACT 0.000          INACT 0.000
AVG 86.141
DEW CELLS
  1  83.975          INACT 39.287          3  82.490          4  85.742
INACT 80.742          INACT 80.195          7  81.718          8  81.788
INACT 0.000          INACT 0.000          INACT 0.000          INACT 0.000
INACT 0.000          INACT 0.000          INACT 0.000          AVG 83.200
AMBIENT PRESS - 14.23247          VAPOR PRESS - .5624459
DRY PRESSURE - 71.84916
FLOWS - 0          0          AVG 0

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*****
SENSOR LIST
RECORD NUMBER - 106          DATE - 0/28          TIME - 16:30:27
*****

PRESSURES          72.4088          72.4064          AVG -          72.4076
RTD/S
  1  89.426          2  89.450          3  90.029          4  85.659
  5  89.119          6  88.200          7  90.370          8  88.530
  9  87.754          10 87.728          11 86.250          12 91.626
  13 92.700          14 91.089          15 95.161          16 95.468
  17 94.807          18 95.704          19 94.140          20 92.530
  21 81.765          22 81.765          23 81.246          24 81.718
  25 81.553          26 81.812          INACT 81.553          INACT 0.000
INACT 0.000          INACT 0.000          INACT 0.000          INACT 0.000
INACT 0.000          INACT 0.000          INACT 0.000          INACT 0.000
INACT 0.000          INACT 0.000          INACT 0.000          INACT 0.000
AVG 86.133
DEW CELLS
  1  84.033          INACT 39.287          3  82.588          4  85.718
INACT 80.615          INACT 80.127          7  81.718          8  81.765
INACT 0.000          INACT 0.000          INACT 0.000          INACT 0.000
INACT 0.000          INACT 0.000          INACT 0.000          AVG 83.214
AMBIENT PRESS - 14.23124          VAPOR PRESS - .5626816
DRY PRESSURE - 71.84492
FLOWS - 0          0          AVG 0

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*****
RECORD NUMBER - 107          SENSOR LIST          *****
                             DATE - 0/28                 TIME - 16:45:27

PRESSURES      72.4048          72.4032          AVG -          72.404
RTD/S
  1  89.426           2  89.450           3  90.029           4  85.659
  5  89.119           6  88.200           7  90.346           8  88.483
  9  87.754           10 87.728           11 86.230           12 91.626
 13  92.700           14 91.089           15 95.209           16 95.516
 17  94.807           18 95.610           19 94.186           20 92.768
 21  81.765           22 81.788           23 81.223           24 81.694
 25  81.553           26 81.788          INACT 81.553          INACT  0.000
INACT  0.000          INACT  0.000          INACT  0.000          INACT  0.000
INACT  0.000          INACT  0.000          INACT  0.000          INACT  0.000
INACT  0.000          INACT  0.000          INACT  0.000          INACT  0.000
AVG    86.132

DEW CELLS
  1  83.721          INACT 39.688           3  82.236           4  85.742
INACT 80.615          INACT 80.117           7  81.694           8  81.765
INACT  0.000          INACT  0.000          INACT  0.000          INACT  0.000
INACT  0.000          INACT  0.000          INACT  0.000          AVG    83.106
AMBIENT PRESS - 14.22947          VAPOR PRESS - .5607435
DRY PRESSURE  - 71.84325
FLOWS         - 0              0      AVG  0

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*****
RECORD NUMBER - 108          SENSOR LIST          *****
                             DATE - 0/28                 TIME - 17: 0:27

PRESSURES      72.4016          72.3992          AVG -          72.40041
RTD/S
  1  89.426           2  89.450           3  90.029           4  85.659
  5  89.143           6  88.176           7  90.370           8  88.506
  9  87.734           10 87.728           11 86.230           12 91.626
 13  92.790           14 91.089           15 95.138           16 95.539
 17  94.854           18 95.657           19 94.140           20 92.815
 21  81.765           22 81.765           23 81.199           24 81.671
 25  81.459           26 81.765          INACT 81.459          INACT  0.000
INACT  0.000          INACT  0.000          INACT  0.000          INACT  0.000
INACT  0.000          INACT  0.000          INACT  0.000          INACT  0.000
INACT  0.000          INACT  0.000          INACT  0.000          INACT  0.000
AVG    86.122

DEW CELLS
  1  83.652          INACT 39.854           3  82.031           4  85.670
INACT 80.996          INACT 80.029           7  81.671           8  81.765
INACT  0.000          INACT  0.000          INACT  0.000          INACT  0.000
INACT  0.000          INACT  0.000          INACT  0.000          AVG    83.047
AMBIENT PRESS - 14.22884          VAPOR PRESS - .5596843
DRY PRESSURE  - 71.84072
FLOWS         - 0              0      AVG  0

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*****
SENSOR LIST
RECORD NUMBER - 109      DATE - 0/28      TIME - 17:15:27
*****

PRESSURES      72.3984      72.3952      AVG -      72.39681
RTD/S
  1  89.403      2  89.473      3  90.029      4  85.611
  5  89.119      6  88.200      7  90.346      8  88.506
  9  87.734     10  87.681     11  86.230     12  91.626
 13  92.790     14  91.089     15  95.303     16  95.563
 17  94.902     18  95.704     19  94.186     20  92.720
 21  81.718     22  81.718     23  81.176     24  81.671
 25  81.506     26  81.765     INACT 81.506     INACT 0.000
INACT 0.000     INACT 0.000     INACT 0.000     INACT 0.000
INACT 0.000     INACT 0.000     INACT 0.000     INACT 0.000
INACT 0.000     INACT 0.000     INACT 0.000     INACT 0.000
AVG 86.115
DEW CELLS
  1  83.633     INACT 39.902      3  81.992      4  85.633
INACT 80.928     INACT 80.029      7  81.671      8  21.718
INACT 0.000     INACT 0.000     INACT 0.000     INACT 0.000
INACT 0.000     INACT 0.000     INACT 0.000     AVG 83.020
AMBIENT PRESS - 14.22466      VAPOR PRESS - .5591962
DRY PRESSURE - 71.83761
FLOWS - 0      0      AVG 0

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SENSOR LIST
RECORD NUMBER - 110      DATE - 0/28      TIME - 17:30:27
*****

PRESSURES      72.3944      72.392      AVG -      72.3932
RTD/S
  1  89.426      2  89.426      3  90.029      4  85.659
  5  89.143      6  88.176      7  90.346      8  88.483
  9  87.715     10  87.681     11  86.211     12  91.716
 13  92.790     14  91.089     15  95.327     16  95.563
 17  94.949     18  95.704     19  94.233     20  92.720
 21  81.694     22  81.741     23  81.152     24  81.647
 25  81.482     26  81.718     INACT 81.482     INACT 0.000
INACT 0.000     INACT 0.000     INACT 0.000     INACT 0.000
INACT 0.000     INACT 0.000     INACT 0.000     INACT 0.000
INACT 0.000     INACT 0.000     INACT 0.000     INACT 0.000
AVG 86.111
DEW CELLS
  1  83.438     INACT 40.147      3  81.787      4  85.670
INACT 80.449     INACT 80.078      7  81.647      8  81.694
INACT 0.000     INACT 0.000     INACT 0.000     INACT 0.000
INACT 0.000     INACT 0.000     INACT 0.000     AVG 82.952
AMBIENT PRESS - 14.22407      VAPOR PRESS - .5579726
DRY PRESSURE - 71.83523
FLOWS - 0      0      AVG 0

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 RECORD NUMBER - 111 SENSOR LIST DATE - 0/28 TIME - 17:45:27

PRESSURES		72.3912	72.3888	AVG -		72.39	
RTD/S							
1	89.426	2	89.450	3	90.029	4	85.659
5	89.119	6	88.176	7	90.346	8	88.459
9	87.695	10	87.657	11	86.230	12	91.716
13	92.790	14	91.178	15	95.232	16	95.634
17	94.902	18	95.728	19	94.233	20	92.958
21	81.694	22	81.694	23	81.152	24	81.647
25	81.459	26	81.718	INACT	81.459	INACT	0.000
INACT	0.000	INACT	0.000	INACT	0.000	INACT	0.000
INACT	0.000	INACT	0.000	INACT	0.000	INACT	0.000
INACT	0.000	INACT	0.000	INACT	0.000	INACT	0.000
AVG	86.110						
DEW CELLS							
1	83.438	INACT	40.156	3	81.865	4	85.646
INACT	80.615	INACT	80.029	7	81.647	8	81.694
INACT	0.000	INACT	0.000	INACT	0.000	INACT	0.000
INACT	0.000	INACT	0.000	INACT	0.000	AVG	82.955
AMBIENT PRESS	-	14.22225		VAPOR PRESS	-	.5580312	
DRY PRESSURE	-	71.83197					
FLWS	-	0	0	AVG	0		

 RECORD NUMBER - 112 SENSOR LIST DATE - 0/28 TIME - 18:0:27

PRESSURES		72.388	72.3848	AVG -		72.3864	
RTD/S							
1	89.426	2	89.450	3	90.029	4	85.611
5	89.119	6	88.176	7	90.346	8	88.436
9	87.695	10	87.681	11	86.211	12	91.626
13	92.790	14	91.089	15	95.327	16	95.634
17	94.902	18	95.752	19	94.280	20	92.768
21	81.671	22	81.671	23	81.129	24	81.647
25	81.435	26	81.718	INACT	81.435	INACT	0.000
INACT	0.000	INACT	0.000	INACT	0.000	INACT	0.000
INACT	0.000	INACT	0.000	INACT	0.000	INACT	0.000
INACT	0.000	INACT	0.000	INACT	0.000	INACT	0.000
AVG	86.093						
DEW CELLS							
1	83.467	INACT	40.127	3	82.100	4	85.609
INACT	80.342	INACT	80.049	7	81.647	8	81.671
INACT	0.000	INACT	0.000	INACT	0.000	INACT	0.000
INACT	0.000	INACT	0.000	INACT	0.000	AVG	82.974
AMBIENT PRESS	-	14.22166		VAPOR PRESS	-	.5583714	
DRY PRESSURE	-	71.82803					
FLWS	-	0	0	AVG	0		

***** SENSOR LIST *****
 RECORD NUMBER - 113 DATE - 0/28 TIME - 18:15:27

PRESSURES	72.3848	72.3824	AVG -	72.38361
RTD/S				
1 89.426	2 89.450	3 90.029	4 85.635	
5 89.119	6 88.200	7 90.346	8 88.459	
9 87.695	10 87.681	11 86.211	12 91.626	
13 92.879	14 91.089	15 95.421	16 95.634	
17 94.925	18 95.752	19 94.280	20 92.863	
21 81.647	22 81.671	23 81.105	24 81.600	
25 81.411	26 81.694	INACT 81.411	INACT 0.000	
INACT 0.000	INACT 0.000	INACT 0.000	INACT 0.000	
INACT 0.000	INACT 0.000	INACT 0.000	INACT 0.000	
INACT 0.000	INACT 0.000	INACT 0.000	INACT 0.000	
AVG 86.090				
DEW CELLS				
1 83.477	INACT 40.254	3 81.924	4 85.573	
INACT 80.459	INACT 80.020	7 81.600	8 81.647	
INACT 0.000	INACT 0.000	INACT 0.000	INACT 0.000	
INACT 0.000	INACT 0.000	INACT 0.000	AVG 82.933	
AMBIENT PRESS - 14.22044		VAPOR PRESS - .557635		
DRY PRESSURE - 71.82597				
FLWS - 0	0	AVG 0		

***** SENSOR LIST *****
 RECORD NUMBER - 114 DATE - 0/28 TIME - 18:30:27

PRESSURES	72.3816	72.3792	AVG -	72.3804
RTD/S				
1 89.426	2 82.473	3 90.005	4 85.635	
5 89.119	6 88.152	7 90.346	8 88.436	
9 87.676	10 87.634	11 86.191	12 91.626	
13 92.879	14 91.089	15 95.397	16 95.634	
17 94.925	18 95.775	19 94.327	20 92.863	
21 81.647	22 81.647	23 81.082	24 81.600	
25 81.411	26 81.694	INACT 81.411	INACT 0.000	
INACT 0.000	INACT 0.000	INACT 0.000	INACT 0.000	
INACT 0.000	INACT 0.000	INACT 0.000	INACT 0.000	
INACT 0.000	INACT 0.000	INACT 0.000	INACT 0.000	
AVG 86.084				
DEW CELLS				
1 83.428	INACT 40.313	3 81.875	4 85.585	
INACT 80.371	INACT 79.990	7 81.600	8 81.647	
INACT 0.000	INACT 0.000	INACT 0.000	INACT 0.000	
INACT 0.000	INACT 0.000	INACT 0.000	AVG 82.920	
AMBIENT PRESS - 14.21867		VAPOR PRESS - .5573937		
DRY PRESSURE - 71.82301				
FLWS - 0	0	AVG 0		

 RECORD NUMBER - 115 SENSOR LIST DATE - 0/28 TIME - 18:45:27

PRESSURES	72.3792	72.376	AVG -	12.3776
RTD/S				
1	89.450	2 89.473	3 90.029	4 85.659
5	89.119	6 88.152	7 90.346	8 88.436
9	87.676	10 87.610	11 86.172	12 91.716
13	92.879	14 91.178	15 95.397	16 95.704
17	94.996	18 95.846	19 94.373	20 92.720
21	81.623	22 81.647	23 81.082	24 81.600
25	81.435	26 81.671	INACT 81.435	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
AVG	86.089			
DEW CELLS				
1	83.398	INACT 40.361	3 81.795	4 85.561
INACT	80.392	INACT 79.990	7 81.700	8 81.623
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	AVG 82.905
AMBIENT PRESS	- 14.21744		VAPOR PRESS - .5571262	
DRY PRESSURE	- 71.82047			
FLWS	- 0	0	AVG 0	

 RECORD NUMBER - 116 SENSOR LIST DATE - 0/28 TIME - 19:0:27

PRESSURES	72.3768	72.3736	AVG -	72.3752
RTD/S				
1	89.403	2 89.450	3 90.029	4 85.659
5	89.119	6 88.176	7 90.346	8 88.412
9	87.676	10 87.610	11 86.152	12 91.716
13	92.879	14 91.089	15 95.327	16 95.728
17	94.996	18 95.775	19 94.467	20 92.863
21	81.647	22 81.623	23 81.082	24 81.600
25	81.388	26 81.647	INACT 81.388	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
AVG	86.081			
DEW CELLS				
1	83.379	INACT 40.459	3 81.826	4 85.561
INACT	80.654	INACT 79.941	7 81.600	8 81.647
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	AVG 82.898
AMBIENT PRESS	- 14.21808		VAPOR PRESS - .5570098	
DRY PRESSURE	- 71.81819			
FLWS	- 0	0	AVG 0	

 RECORD NUMBER - 117 SENSOR LIST DATE - 0/28 TIME - 10:15:27

PRESSURES	72.3736	72.3712	AVG -	72.3724
RTD/S				
1	89.450	2 89.473	3 90.029	4 85.635
5	89.143	6 88.176	7 90.346	8 88.436
9	87.656	10 87.634	11 86.152	12 91.716
13	92.969	14 91.178	15 95.397	16 95.775
17	94.996	18 95.823	19 94.420	20 92.958
21	81.600	22 81.576	23 81.035	24 81.600
25	81.364	26 81.647	INACT 81.364	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
AVG	86.080			
DEW CELLS				
1	83.516	INACT 40.557	3 81.729	4 85.621
INACT	84.443	INACT 76.338	7 81.600	8 81.600
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	AVG 82.920
AMBIENT PRESS	- 14.21808		VAPOR PRESS - .5574048	
DRY PRESSURE	- 71.815			
FLOWS	- 0	0	AVG 0	

 RECORD NUMBER - 118 SENSOR LIST DATE - 0/28 TIME - 19:30:27

PRESSURES	72.3712	72.3688	AVG -	72.37
RTD/S				
1	89.450	2 89.450	3 90.029	4 85.611
5	89.119	6 88.152	7 90.346	8 88.388
9	87.656	10 87.634	11 86.152	12 91.626
13	92.969	14 91.178	15 95.397	16 95.752
17	95.043	18 95.894	19 94.420	20 93.006
21	81.576	22 81.576	23 81.035	24 81.529
25	81.364	26 81.623	INACT 81.364	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
AVG	86.065			
DEW CELLS				
1	83.438	INACT 40.654	3 81.631	4 85.585
INACT	84.414	INACT 76.641	7 81.529	8 81.576
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	AVG 82.863
AMBIENT PRESS	- 14.21985		VAPOR PRESS - .5563819	
DRY PRESSURE	- 71.81361			
FLOWS	- 0	0	AVG 0	

***** SENSOR LIST *****
 RECORD NUMBER - 119 DATE - 0/28 TIME - 19:45:27

PRESSURES	72.3688	72.3664	AVG -	72.3676
RTD/S				
1	89.450	2 89.450	3 90.052	4 85.635
5	89.119	6 88.152	7 90.346	8 88.388
9	87.637	10 87.610	11 86.133	12 91.716
13	92.969	14 91.178	15 95.445	16 95.752
17	94.996	18 95.870	19 94.514	20 92.910
21	81.576	22 81.623	23 81.035	24 81.035
25	81.341	26 81.623	INACT 81.341	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
AVG	86.068			
DEW CELLS				
1	83.223	INACT 40.762	3 81.506	4 85.501
INACT	84.121	INACT 77.285	7 81.506	8 81.576
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	AVG 82.795
AMBIENT PRESS	- 14.21985		VAPOR PRESS - .5551676	
DRY PRESSURE	- 71.81243			
FLOWS	- 0	0	AVG 0	

***** SENSOR LIST *****
 RECORD NUMBER - 120 DATE - 0/28 TIME - 20:00:27

PRESSURES	72.3664	72.3632	AVG -	72.3648
RTD/S				
1	89.450	2 89.473	3 90.029	4 85.588
5	89.143	6 88.152	7 90.346	8 88.412
9	87.637	10 87.610	11 86.133	12 91.716
13	92.969	14 91.178	15 95.516	16 95.752
17	95.091	18 95.846	19 94.560	20 92.958
21	81.553	22 81.576	23 81.035	24 81.506
25	81.341	26 81.576	INACT 81.341	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
AVG	86.062			
DEW CELLS				
1	83.340	INACT 40.723	3 81.797	4 85.501
INACT	80.381	INACT 79.912	7 81.506	8 81.553
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	AVG 82.831
AMBIENT PRESS	- 14.22166		VAPOR PRESS - .5558019	
DRY PRESSURE	- 71.809			
FLOWS	- 0	0	AVG 0	

***** SENSOR LIST *****
 RECORD NUMBER - 121 DATE - 0/28 TIME - 20:15:27

PRESSURES	72.364	72.3608	AVG -	72.3624
RTD/S				
1	89.450	2 89.473	3 90.029	4 85.635
5	89.119	6 88.152	7 90.346	8 88.388
9	87.617	10 87.587	11 86.133	12 91.716
13	92.969	14 91.178	15 95.516	16 95.799
17	95.091	18 95.870	19 94.607	20 93.006
21	81.553	22 81.600	23 81.011	24 81.506
25	81.317	26 81.600	INACT 81.317	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
AVG	86.064			
DEW CELLS				
1	83.223	INACT 40.908	3 81.602	4 85.464
INACT	80.967	INACT 79.678	7 81.506	8 81.553
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	AVG 82.775
AMBIENT PRESS	- 14.22284		VAPOR PRESS - .5548155	
DRY PRESSURE	- 71.80758			
FLOWS	- 0	0	AVG 0	

***** SENSOR LIST *****
 RECORD NUMBER - 122 DATE - 0/28 TIME - 20:30:27

PRESSURES	72.3608	72.3584	AVG -	72.3596
RTD/S				
1	89.450	2 89.473	3 90.029	4 85.611
5	89.119	6 88.152	7 90.370	8 88.388
9	87.617	10 87.587	11 86.094	12 91.716
13	93.058	14 91.178	15 95.539	16 95.799
17	95.091	18 95.870	19 94.654	20 92.863
21	81.529	22 81.576	23 80.987	24 81.506
25	81.317	26 81.576	INACT 81.317	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
AVG	86.056			
DEW CELLS				
1	83.223	INACT 40.986	3 81.523	4 85.525
INACT	80.938	INACT 79.756	7 81.506	8 81.529
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	AVG 82.775
AMBIENT PRESS	- 14.22284		VAPOR PRESS - .5548047	
DRY PRESSURE	- 71.8048			
FLOWS	- 0	0	AVG 0	

***** SENSOR LIST *****
 RECORD NUMBER - 123 DATE - 0/28 TIME - 20:45:27

PRESSURES	72.3584	72.356	AVG -	72.3572
RTD/S				
1	89.426	2 89.497	3 90.052	4 85.635
5	89.119	6 88.152	7 90.346	8 88.388
9	87.617	10 87.563	11 86.094	12 91.805
13	92.969	14 91.178	15 95.539	16 95.823
17	95.161	18 95.894	19 94.654	20 93.053
21	81.553	22 81.553	23 80.987	24 81.482
25	81.317	26 81.553	INACT 81.317	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
AVG	86.058			
DEW CELLS				
1	83.272	INACT 40.850	3 81.738	4 85.464
INACT	80.205	INACT 79.814	7 81.482	8 81.553
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	AVG 82.796
AMBIENT PRESS	- 14.22284		VAPOR PRESS - .5551812	
DRY PRESSURE	- 71.80202			
FLOWS	- 0	0	AVG 0	

***** SENSOR LIST *****
 RECORD NUMBER - 124 DATE - 0/28 TIME - 21:0:27

PRESSURES	72.356	72.3528	AVG -	72.3544
RTD/S				
1	89.450	2 89.473	3 90.052	4 85.635
5	89.119	6 88.152	7 90.346	8 88.365
9	87.598	10 87.587	11 86.113	12 91.805
13	93.058	14 91.178	15 95.634	16 95.870
17	95.161	18 95.917	19 94.560	20 93.006
21	81.506	22 81.529	23 80.964	24 81.459
25	81.270	26 81.553	INACT 81.270	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
AVG	86.048			
DEW CELLS				
1	83.311	INACT 40.723	3 81.963	4 85.452
INACT	80.078	INACT 79.863	7 81.459	8 31.506
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	AVG 82.811
AMBIENT PRESS	- 14.22284		VAPOR PRESS - .5554436	
DRY PRESSURE	- 71.79896			
FLOWS	- 0	0	AVG 0	

 RECORD NUMBER - 125 SENSOR LIST DATE - 0/28 TIME - 21:15:27

PRESSURES	72.3528	72.3504	AVG -	72.3516
RTD/S				
1	89.450	2 89.473	3 90.052	4 85.611
5	89.119	6 88.152	7 90.346	8 88.341
9	87.617	10 87.563	11 86.113	12 91.805
13	93.058	14 91.178	15 95.657	16 95.876
17	95.161	18 95.917	19 94.607	20 92.956
21	81.506	22 81.506	23 80.964	24 81.459
25	81.270	26 81.529	INACT 81.270	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
AVG	86.043			
DEW CELLS				
1	83.301	INACT 40.752	3 82.012	4 85.428
INACT	80.156	INACT 79.902	7 81.459	8 81.506
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	AVG 82.809
AMBIENT PRESS	- 14.22343		VAPOR PRESS - .5554063	
DRY PRESSURE	- 71.7962			
FLWS	- 0	0	AVG 0	

 RECORD NUMBER - 126 SENSOR LIST DATE - 0/28 TIME - 21:30:27

PRESSURES	72.3512	72.348	AVG -	72.34959
RTD/S				
1	89.426	2 89.473	3 90.029	4 85.635
5	89.119	6 88.152	7 90.370	8 88.365
9	87.617	10 87.563	11 86.113	12 91.805
13	93.058	14 91.278	15 95.634	16 95.870
17	95.138	18 95.941	19 94.607	20 93.053
21	81.482	22 81.506	23 80.940	24 81.459
25	81.270	26 81.553	INACT 81.270	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
AVG	86.046			
DEW CELLS				
1	83.369	INACT 40.869	3 82.002	4 85.404
INACT	80.430	INACT 79.893	7 81.459	8 81.482
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	AVG 82.812
AMBIENT PRESS	- 14.22343		VAPOR PRESS - .5554665	
DRY PRESSURE	- 71.79413			
FLWS	- 0	0	AVG 0	

 RECORD NUMBER - 127 SENSOR LIST DATE - 0/28 TIME - 21:45:27

PRESSURES		72.348	72.3456	AVG -		72.3468	
RTD/S							
1	89.450	2	89.497	3	90.052	4	85.635
5	89.143	6	88.152	7	90.370	8	88.365
9	87.578	10	87.587	11	86.113	12	91.805
13	93.058	14	91.268	15	95.610	16	95.870
17	95.161	18	95.988	19	94.514	20	93.196
21	81.459	22	81.482	23	80.940	24	81.411
25	81.246	26	81.529	INACT	81.246	INACT	0.000
INACT	0.000	INACT	0.000	INACT	0.000	INACT	0.000
INACT	0.000	INACT	0.000	INACT	0.000	INACT	0.000
INACT	0.000	INACT	0.000	INACT	0.000	INACT	0.000
AVG	86.039						
DEW CELLS							
1	83.369	INACT	40.889	3	81.914	4	85.416
INACT	80.049	INACT	79.824	7	81.411	8	81.459
INACT	0.000	INACT	0.000	INACT	0.000	INACT	0.000
INACT	0.000	INACT	0.000	INACT	0.000	AVG	82.789
AMBIENT PRESS	-	14.22466		VAPOR PRESS	-	.5550572	
DRY PRESSURE	-	71.79175					
FLAWS	-	0	0	AVG	0		

 RECORD NUMBER - 128 SENSOR LIST DATE - 0/28 TIME - 22: 0:27

PRESSURES		72.3456	72.3432	AVG -		72.3444	
RTD/S							
1	89.450	2	89.497	3	90.052	4	85.611
5	89.119	6	88.129	7	90.346	8	88.365
9	87.578	10	87.516	11	86.094	12	91.805
13	93.148	14	91.268	15	95.681	16	95.917
17	95.185	18	95.894	19	94.514	20	92.958
21	81.459	22	81.459	23	80.940	24	81.459
25	81.246	26	81.529	INACT	81.246	INACT	0.000
INACT	0.000	INACT	0.000	INACT	0.000	INACT	0.000
INACT	0.000	INACT	0.000	INACT	0.000	INACT	0.000
INACT	0.000	INACT	0.000	INACT	0.000	INACT	0.000
AVG	86.033						
DEW CELLS							
1	83.193	INACT	41.045	3	81.787	4	85.416
INACT	80.303	INACT	79.785	7	81.459	8	81.459
INACT	0.000	INACT	0.000	INACT	0.000	INACT	0.000
INACT	0.000	INACT	0.000	INACT	0.000	AVG	82.747
AMBIENT PRESS	-	14.22584		VAPOR PRESS	-	.5543075	
DRY PRESSURE	-	71.79009					
FLAWS	-	0	0	AVG	0		

***** SENSOR LIST *****
 RECORD NUMBER - 129 DATE - 0/28 TIME - 22:15:27

PRESSURES	72.3432	72.3408	AVG -	72.342
RTD/S				
1	89.450	2 89.497	3 90.076	4 85.611
5	89.143	6 88.152	7 90.370	8 88.365
9	87.578	10 87.563	11 86.074	12 91.805
13	93.058	14 91.268	15 95.657	16 95.941
17	95.185	18 96.011	19 94.560	20 93.006
21	81.435	22 81.459	23 80.917	24 81.411
25	81.223	26 81.529	INACT 81.223	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
AVG	86.029			
DEW CELLS				
1	83.213	INACT 41.162	3 81.699	4 85.355
INACT	80.371	INACT 79.834	7 81.411	8 81.435
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	AVG 82.712
AMBIENT PRESS	- 14.22707		VAPOR PRESS - .5536912	
DRY PRESSURE	- 71.78831			
FLOWS	- 0	0	AVG 0	

***** SENSOR LIST *****
 RECORD NUMBER - 130 DATE - 0/28 TIME - 22:30:27

PRESSURES	72.3408	72.3384	AVG -	72.3396
RTD/S				
1	89.473	2 89.497	3 90.029	4 85.635
5	89.119	6 88.152	7 90.370	8 88.365
9	87.578	10 87.563	11 86.094	12 91.805
13	93.148	14 91.357	15 95.681	16 95.917
17	95.185	18 95.964	19 94.467	20 93.148
21	81.435	22 81.459	23 80.893	24 81.388
25	81.223	26 81.459	INACT 81.223	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
AVG	86.026			
DEW CELLS				
1	83.096	INACT 41.397	3 81.543	4 85.343
INACT	81.348	INACT 79.658	7 81.388	8 81.435
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	AVG 82.661
AMBIENT PRESS	- 14.23124		VAPOR PRESS - .552785	
DRY PRESSURE	- 71.78681			
FLOWS	- 0	0	AVG 0	

***** SENSOR LIST *****
 RECORD NUMBER - 131 DATE - 0/28 TIME - 22:45:27

PRESSURES	72.3384	72.336	AVG -	72.3372
RTD/S				
1	89.473	2 89.521	3 90.052	4 85.635
5	89.143	6 88.129	7 90.394	8 88.365
9	87.578	10 87.539	11 86.113	12 91.895
13	93.148	14 91.357	15 95.657	16 95.964
17	95.185	18 95.964	19 94.467	20 93.006
21	81.459	22 81.482	23 80.917	24 81.388
25	81.199	26 81.506	INACT 81.199	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
AVG	86.035			
DEW CELLS				
1	83.252	INACT 41.260	3 81.748	4 85.368
INACT	80.088	INACT 79.834	7 81.388	8 81.459
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	AVG 82.729
AMBIENT PRESS	- 14.23306		VAPOR PRESS - .5539876	
DRY PRESSURE	- 71.79322			
FLOWS	- 0	0	AVG 0	

***** SENSOR LIST *****
 RECORD NUMBER - 132 DATE - 0/28 TIME - 23:0:27

PRESSURES	72.336	72.3328	AVG -	72.3344
RTD/S				
1	89.450	2 89.497	3 90.076	4 85.635
5	89.143	6 88.152	7 90.394	8 88.341
9	87.578	10 87.539	11 86.074	12 91.805
13	93.237	14 91.268	15 95.610	16 95.964
17	95.185	18 95.941	19 94.467	20 92.910
21	81.435	22 81.459	23 80.893	24 81.388
25	81.199	26 81.482	INACT 81.199	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
AVG	86.019			
DEW CELLS				
1	83.154	INACT 41.377	3 81.787	4 85.404
INACT	80.400	INACT 79.727	7 81.388	8 81.435
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	AVG 82.715
AMBIENT PRESS	- 14.23480		VAPOR PRESS - .5537293	
DRY PRESSURE	- 71.78067			
FLOWS	- 0	0	AVG 0	

***** SENSOR LIST *****
 RECORD NUMBER - 133 DATE - 0/28 TIME - 23:15:27

PRESSURES	72.3328	72.3304	AVG -	72.3316
RTD/S				
1 89.473	2 89.521	3 90.052	4 85.611	
5 89.143	6 98.152	7 90.370	8 88.341	
9 87.559	10 87.516	11 86.074	12 91.895	
13 93.237	14 91.357	15 95.634	16 95.964	
17 95.138	18 95.964	19 94.373	20 93.006	
21 81.411	22 81.435	23 80.893	24 81.388	
25 81.199	26 81.459	INACT 81.199	INACT 0.000	
INACT 0.000	INACT 0.000	INACT 0.000	INACT 0.000	
INACT 0.000	INACT 0.000	INACT 0.000	INACT 0.000	
INACT 0.000	INACT 0.000	INACT 0.000	INACT 0.000	
AVG 86.017				
DEW CELLS				
1 83.125	INACT 41.436	3 81.660	4 85.319	
INACT 80.371	INACT 79.736	7 81.388	8 81.411	
INACT 0.000	INACT 0.000	INACT 0.000	INACT 0.000	
INACT 0.000	INACT 0.000	INACT 0.000	AVG 82.670	
AMBIENT PRESS - 14.23424		VAPOR PRESS - .5529397		
DRY PRESSURE - 71.77866				
FLOWS - 0	0	AVG 0		

***** SENSOR LIST *****
 RECORD NUMBER - 134 DATE - 0/28 TIME - 23:30:27

PRESSURES	72.3304	72.328	AVG -	72.3292
RTD/S				
1 89.473	2 89.521	3 90.029	4 85.635	
5 89.143	6 88.152	7 90.370	8 88.318	
9 87.559	10 87.492	11 86.094	12 91.895	
13 93.237	14 91.357	15 95.657	16 95.988	
17 95.185	18 95.964	19 94.373	20 93.006	
21 81.411	22 81.411	23 80.870	24 81.341	
25 81.176	26 81.459	INACT 81.176	INACT 0.000	
INACT 0.000	INACT 0.000	INACT 0.000	INACT 0.000	
INACT 0.000	INACT 0.000	INACT 0.000	INACT 0.000	
INACT 0.000	INACT 0.000	INACT 0.000	INACT 0.000	
AVG 86.009				
DEW CELLS				
1 83.223	INACT 41.328	3 81.982	4 85.271	
INACT 80.127	INACT 79.795	7 81.341	8 81.411	
INACT 0.000	INACT 0.000	INACT 0.000	INACT 0.000	
INACT 0.000	INACT 0.000	INACT 0.000	AVG 82.706	
AMBIENT PRESS - 14.23424		VAPOR PRESS - .553575		
DRY PRESSURE - 71.77563				
FLOWS - 0	0	AVG 0		

***** SENSOR LIST *****
 RECORD NUMBER - 135 DATE - 0/28 TIME - 23:45:27

PRESSURES	72.328	72.3256	AVG -	72.3268
RTD/S				
1	89.497	2 89.497	3 90.052	4 85.635
5	89.143	6 88.152	7 90.370	8 88.318
9	87.559	10 87.539	11 86.074	12 91.895
13	93.237	14 91.357	15 95.681	16 95.988
17	95.185	18 96.035	19 94.373	20 92.863
21	81.364	22 81.388	23 80.870	24 81.341
25	81.176	26 81.459	INACT 81.176	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
AVG	86.004			
DEW CELLS				
1	83.184	INACT 41.357	3 82.041	4 85.295
INACT	80.078	INACT 79.893	7 81.341	8 81.364
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	AVG 82.698
AMBIENT PRESS	- 14.23606		VAPOR PRESS - .5534427	
DRY PRESSURE	- 71.77335			
FLAWS	- 0	0	AVG 0	

***** SENSOR LIST *****
 RECORD NUMBER - 136 DATE - 0/29 TIME - 0: 0:27

PRESSURES	72.3256	72.3224	AVG -	72.32401
RTD/S				
1	89.473	2 89.521	3 90.076	4 85.659
5	89.143	6 88.152	7 90.394	8 88.318
9	87.559	10 87.516	11 86.035	12 91.895
13	93.237	14 91.357	15 95.634	16 95.941
17	95.232	18 95.941	19 94.327	20 92.910
21	81.411	22 81.388	23 80.846	24 81.341
25	81.152	26 81.435	INACT 81.152	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
AVG	86.000			
DEW CELLS				
1	83.203	INACT 41.436	3 81.924	4 85.271
INACT	80.264	INACT 79.785	7 81.341	8 81.411
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	AVG 82.695
AMBIENT PRESS	- 14.23606		VAPOR PRESS - .5533835	
DRY PRESSURE	- 71.77062			
FLAWS	- 0	0	AVG 0	

***** SENSOR LIST *****
 RECORD NUMBER - 137 DATE - 0/29 TIME - 0:15:27

PRESSURES	72.3224	72.32	AVG -	72.3212
RTD/S				
1	89.473	2 89.521	3 90.052	4 85.635
5	89.167	6 88.152	7 90.370	8 88.318
9	87.539	10 87.516	11 86.055	12 91.895
13	93.237	14 91.447	15 95.681	16 95.988
17	95.138	18 95.964	19 94.280	20 92.910
21	81.364	22 81.388	23 80.823	24 81.317
25	81.152	26 81.435	INACT 81.152	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
AVG	85.993			
DEW CELLS				
1	83.184	INACT 41.523	3 82.022	4 85.271
INACT	80.029	INACT 79.717	7 81.317	8 81.364
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	AVG 82.686
AMBIENT PRESS	- 14.23547		VAPOR PRESS - .5532156	
DRY PRESSURE	- 71.76798			
FLOWS	- 0	0	AVG 0	

***** SENSOR LIST *****
 RECORD NUMBER - 138 DATE - 0/29 TIME - 0:30:27

PRESSURES	72.32	72.3176	AVG -	72.3188
RTD/S				
1	89.497	2 89.544	3 90.076	4 85.659
5	89.167	6 88.129	7 90.394	8 88.318
9	87.539	10 87.492	11 86.055	12 91.895
13	93.237	14 91.447	15 95.704	16 95.988
17	95.185	18 95.941	19 94.186	20 92.863
21	81.364	22 81.364	23 80.823	24 81.270
25	81.129	26 81.411	INACT 81.129	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
AVG	85.984			
DEW CELLS				
1	83.135	INACT 41.641	3 81.963	4 85.259
INACT	80.039	INACT 79.756	7 81.270	8 81.364
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	AVG 82.655
AMBIENT PRESS	- 14.23724		VAPOR PRESS - .5526741	
DRY PRESSURE	- 71.76613			
FLOWS	- 0	0	AVG 0	

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SENSOR LIST
RECORD NUMBER - 139      DATE - 0/29      TIME - 0:45:27
*****

PRESSURES      72.3175      72.3144      AVG -      72.31599
RTD/S
  1  89.497      2  89.521      3  90.052      4  85.659
  5  89.119      6  88.129      7  90.394      8  88.341
  9  87.559     10  87.516     11  86.035     12  91.895
 13  93.237     14  91.447     15  95.587     16  95.941
 17  95.256     18  95.894     19  94.233     20  92.720
 21  81.364     22  81.364     23  80.799     24  81.317
 25  81.105     26  81.388     INACT 81.105     INACT 0.000
INACT 0.000     INACT 0.000     INACT 0.000     INACT 0.000
INACT 0.000     INACT 0.000     INACT 0.000     INACT 0.000
INACT 0.000     INACT 0.000     INACT 0.000     INACT 0.000
AVG      85.977
DEW CELLS
  1  83.096     INACT 41.650      3  82.031      4  85.259
INACT 80.039     INACT 79.736      7  81.317      8  81.364
INACT 0.000     INACT 0.000     INACT 0.000     INACT 0.000
INACT 0.000     INACT 0.000     INACT 0.000     AVG  82.665
AMBIENT PRESS - 14.23782      VAPOR PRESS - .5528433
DRY PRESSURE  - 71.76315
FLOWS        - 0      0      AVG  0

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SENSOR LIST
RECORD NUMBER - 140      DATE - 0/29      TIME - 1:0:27
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PRESSURES      72.3152      72.3128      AVG -      72.314
RTD/S
  1  89.473      2  89.544      3  90.052      4  85.635
  5  89.143      6  88.152      7  90.394      8  88.318
  9  87.539     10  87.516     11  86.055     12  91.895
 13  93.327     14  91.447     15  95.634     16  95.988
 17  95.209     18  95.917     19  94.140     20  92.863
 21  81.364     22  81.388     23  80.823     24  81.317
 25  81.129     26  81.411     INACT 81.129     INACT 0.000
INACT 0.000     INACT 0.000     INACT 0.000     INACT 0.000
INACT 0.000     INACT 0.000     INACT 0.000     INACT 0.000
INACT 0.000     INACT 0.000     INACT 0.000     INACT 0.000
AVG      85.988
DEW CELLS
  1  83.311     INACT 41.904      3  81.777      4  85.259
INACT 84.111     INACT 75.215      7  81.317      8  81.364
INACT 0.000     INACT 0.000     INACT 0.000     INACT 0.000
INACT 0.000     INACT 0.000     INACT 0.000     AVG  82.684
AMBIENT PRESS - 14.23905      VAPOR PRESS - .5531871
DRY PRESSURE  - 71.76081
FLOWS        - 0      0      AVG  0

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***** SENSOR LIST *****
 RECORD NUMBER - 141 DATE - 0/29 TIME - 1:15:27

PRESSURES	72.312	72.3096	AVG -	72.3108
RTD/S				
1	89.497	2 89.568	3 90.076	4 85.635
5	89.167	6 88.152	7 90.394	8 88.318
9	87.559	10 87.516	11 86.035	12 91.984
13	93.237	14 91.357	15 95.587	16 95.964
17	95.138	18 95.894	19 94.093	20 92.720
21	81.341	22 81.317	23 80.799	24 81.317
25	81.105	26 81.388	INACT 81.105	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
AVG	85.970			
DEW CELLS				
1	83.281	INACT 42.022	3 81.885	4 85.210
INACT	83.936	INACT 75.186	7 81.317	8 81.341
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	AVG 82.674
AMBIENT PRESS	- 14.23846		VAPOR PRESS - .5529996	
DRY PRESSURE	- 71.7578			
FLOWS	- 0	0	AVG 0	

***** SENSOR LIST *****
 RECORD NUMBER - 142 DATE - 0/29 TIME - 1:30:27

PRESSURES	72.3088	72.3064	AVG -	72.3076
RTD/S				
1	89.497	2 89.544	3 90.076	4 85.635
5	89.167	6 88.152	7 90.394	8 88.318
9	87.559	10 87.516	11 86.035	12 91.895
13	93.327	14 91.536	15 95.587	16 95.964
17	95.232	18 95.917	19 94.140	20 92.577
21	81.317	22 81.270	23 80.752	24 81.270
25	81.105	26 81.364	INACT 81.105	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
AVG	85.958			
DEW CELLS				
1	83.193	INACT 42.109	3 81.807	4 85.222
INACT	83.848	INACT 75.156	7 81.270	8 81.317
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	AVG 82.632
AMBIENT PRESS	- 14.23665		VAPOR PRESS - .5522671	
DRY PRESSURE	- 71.75533			
FLOWS	- 0	0	AVG 0	

***** SENSOR LIST *****
 RECORD NUMBER - 143 DATE - 0/29 TIME - 1:45:27

PRESSURES	72.3072	72.3048	AVG -	72.306
RTD/S				
1	89.497	2 89.568	3 90.052	4 85.659
5	89.143	6 88.152	7 90.417	8 88.313
9	87.559	10 87.492	11 86.016	12 91.984
13	93.327	14 91.447	15 95.587	16 95.964
17	95.138	18 95.823	19 94.093	20 92.673
21	81.364	22 81.270	23 80.775	24 81.270
25	81.082	26 81.364	INACT 81.082	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
AVG	85.960			
DEW CELLS				
1	83.525	INACT 41.963	3 82.109	4 85.222
INACT	84.219	INACT 75.547	7 81.270	8 81.364
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	AVG 82.749
AMBIENT PRESS	- 14.23665		VAPOR PRESS - .5543491	
DRY PRESSURE	- 71.75165			
FLOWS	- 0	0	AVG 0	

***** SENSOR LIST *****
 RECORD NUMBER - 144 DATE - 0/29 TIME - 2:0:27

PRESSURES	72.304	72.3016	AVG -	72.3028
RTD/S				
1	89.497	2 89.568	3 90.076	4 85.635
5	89.167	6 88.152	7 90.417	8 88.318
9	87.559	10 87.516	11 86.016	12 91.984
13	93.327	14 91.447	15 95.563	16 96.011
17	95.185	18 95.846	19 93.999	20 92.625
21	81.341	22 81.294	23 80.799	24 81.199
25	81.058	26 81.364	INACT 81.058	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
AVG	85.954			
DEW CELLS				
1	83.467	INACT 42.061	3 82.158	4 85.222
INACT	84.248	INACT 75.566	7 81.199	8 81.341
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	AVG 82.721
AMBIENT PRESS	- 14.23483		VAPOR PRESS - .5538368	
DRY PRESSURE	- 71.74896			
FLOWS	- 0	0	AVG 0	


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SENSOR LIST
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RECOPI NUMBER - 145          DATE - 0/29          TIME - 2:15:27

PRESSURES          72.3016          72.2992          AVG -          72.3004
RTD/S
  1  89.521          2  89.544          3  90.052          4  85.611
  5  89.167          6  88.152          7  90.394          8  88.294
  9  87.539          10 87.492          11 86.016          12 91.984
 13 93.327          14 91.536          15 95.563          16 95.988
 17 95.091          18 95.917          19 93.999          20 92.577
 21 81.217          22 81.270          23 80.728          24 81.246
 25 81.058          26 81.364          INACT 81.058          INACT 0.000
INACT 0.000          INACT 0.000          INACT 0.000          INACT 0.000
INACT 0.000          INACT 0.000          INACT 0.000          INACT 0.000
INACT 0.000          INACT 0.000          INACT 0.000          INACT 0.000
AVG 85.945
DEW CELLS
  1  83.555          INACT 42.090          3  82.139          4  85.150
INACT 84.258          INACT 75.527          7  81.246          8  81.317
INACT 0.000          INACT 0.000          INACT 0.000          INACT 0.000
INACT 0.000          INACT 0.000          INACT 0.000          AVG 82.727
AMBIENT PRESS - 14.23306          VAPOR PRESS - .5539536
DRY PRESSURE - 71.74645
FLOWS - 0          0          AVG 0

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SENSOR LIST
*****
RECORD NUMBER - 146          DATE - 0/29          TIME - 2:30:27

PRESSURES          72.2992          72.2968          AVG -          72.298
RTD/S
  1  89.497          2  89.568          3  90.076          4  85.659
  5  89.143          6  88.129          7  90.394          8  88.294
  9  87.559          10 87.516          11 85.996          12 91.984
 13 93.327          14 91.536          15 95.587          16 95.941
 17 95.091          18 95.823          19 93.952          20 92.387
 21 81.294          22 81.317          23 80.752          24 81.223
 25 81.058          26 81.341          INACT 81.058          INACT 0.000
INACT 0.000          INACT 0.000          INACT 0.000          INACT 0.000
INACT 0.000          INACT 0.000          INACT 0.000          INACT 0.000
INACT 0.000          INACT 0.000          INACT 0.000          INACT 0.000
AVG 85.941
DEW CELLS
  1  83.984          INACT 41.660          3  82.715          4  85.174
INACT 84.600          INACT 75.547          7  81.223          8  81.294
INACT 0.000          INACT 0.000          INACT 0.000          INACT 0.000
INACT 0.000          INACT 0.000          INACT 0.000          AVG 82.880
AMBIENT PRESS - 14.23365          VAPOR PRESS - .5566796
DRY PRESSURE - 71.74133
FLOWS - 0          0          AVG 0

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***** SENSOR LIST *****
 RECORD NUMBER - 147 DATE - 0/29 TIME - 2:45:27

PRESSURES	72.296	72.2936	AVG -	72.2948
RTD/S				
1	89.497	2 89.568	3 90.076	4 85.659
5	89.167	6 88.129	7 90.417	8 88.294
9	87.559	10 87.469	11 86.016	12 91.895
13	93.327	14 91.447	15 95.516	16 95.917
17	95.091	18 95.799	19 93.906	20 92.482
21	81.294	22 81.246	23 80.728	24 81.270
25	81.058	26 81.317	INACT 81.058	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
AVG	85.930			
DEW CELLS				
1	84.199	INACT 41.279	3 83.027	4 85.174
INACT	84.395	INACT 75.498	7 81.270	8 81.294
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	AVG 82.972
AMBIENT PRESS	- 14.23124		VAPOR PRESS - .5583323	
DRY PRESSURE	- 71.73647			
FLOWS	- 0	0	AVG 0	

***** SENSOR LIST *****
 RECORD NUMBER - 148 DATE - 0/29 TIME - 3:0:27

PRESSURES	72.2936	72.2912	AVG -	72.2924
RTD/S				
1	89.521	2 89.568	3 90.076	4 85.659
5	89.167	6 88.129	7 90.417	8 88.318
9	87.559	10 87.492	11 85.996	12 91.984
13	93.416	14 91.536	15 95.516	16 95.941
17	95.091	18 95.799	19 93.859	20 92.244
21	81.246	22 81.246	23 80.752	24 81.176
25	81.035	26 81.317	INACT 81.035	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
AVG	85.923			
DEW CELLS				
1	84.277	INACT 41.230	3 83.066	4 85.162
INACT	84.434	INACT 75.518	7 81.176	8 81.246
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	AVG 82.959
AMBIENT PRESS	- 14.23183		VAPOR PRESS - .5580996	
DRY PRESSURE	- 71.73431			
FLOWS	- 0	0	AVG 0	

***** SENSOR LIST *****
 RECORD NUMBER - 149 DATE - 0/29 TIME - 3:15:27

PRESSURES	72.2904	72.2888	AVG -	72.2896
RTD/S				
1	89.521	2 89.568	3 90.076	4 85.659
5	89.167	6 88.152	7 90.417	8 88.294
9	87.539	10 87.469	11 85.996	12 91.984
13	93.416	14 91.536	15 95.445	16 95.870
17	95.043	18 95.799	19 93.859	20 92.244
21	81.246	22 81.223	23 80.728	24 81.176
25	81.011	26 81.294	INACT 81.011	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
AVG	85.911			
DEW CELLS				
1	83.672	INACT 41.963	3 82.686	4 85.090
INACT	80.010	INACT 79.619	7 81.176	8 81.246
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	AVG 82.768
AMBIENT PRESS	- 14.23365		VAPOR PRESS - .5546821	
DRY PRESSURE	- 71.73492			
FLOWS	- 0	0	AVG 0	

***** SENSOR LIST *****
 RECORD NUMBER - 150 DATE - 0/29 TIME - 3:30:27

PRESSURES	72.288	72.2864	AVG -	72.2872
RTD/S				
1	89.544	2 89.591	3 90.076	4 85.635
5	89.167	6 88.152	7 90.417	8 88.294
9	87.539	10 87.492	11 85.996	12 91.984
13	93.416	14 91.626	15 95.468	16 95.846
17	95.020	18 95.799	19 93.766	20 92.435
21	81.246	22 81.223	23 80.705	24 81.176
25	80.987	26 81.246	INACT 80.987	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
AVG	85.909			
DEW CELLS				
1	83.691	INACT 42.139	3 82.607	4 85.053
INACT	80.225	INACT 79.668	7 81.176	8 81.246
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	AVG 82.756
AMBIENT PRESS	- 14.23424		VAPOR PRESS - .5544629	
DRY PRESSURE	- 71.73274			
FLOWS	- 0	0	AVG 0	

***** SENSOR LIST *****
 RECORD NUMBER - 151 DATE - 0/29 TIME - 3:45:27

PRESSURES	72.2856	72.2832	AVG -	72.2844
RTD/S				
1 89.521	2 89.568	3 90.076	4 85.659	
5 89.190	6 88.152	7 90.441	8 88.270	
9 87.520	10 87.492	11 86.016	12 91.984	
13 93.416	14 91.536	15 95.516	16 95.846	
17 95.043	18 95.799	19 93.719	20 92.244	
21 81.223	22 81.223	23 80.681	24 81.152	
25 80.987	26 81.294	INACT 80.987	INACT 0.000	
INACT 0.000	INACT 0.000	INACT 0.000	INACT 0.000	
INACT 0.000	INACT 0.000	INACT 0.000	INACT 0.000	
INACT 0.000	INACT 0.000	INACT 0.000	INACT 0.000	
AVG 85.902				
DEW CELLS				
1 83.564	INACT 42.256	3 82.578	4 85.029	
INACT 79.990	INACT 79.551	7 81.152	8 81.223	
INACT 0.000	INACT 0.000	INACT 0.000	INACT 0.000	
INACT 0.000	INACT 0.000	INACT 0.000	AVG 82.709	
AMBIENT PRESS - 14.23183		VAPOR PRESS - .553624		
DRY PRESSURE - 71.73077				
FLOWS - 0	0	AVG 0		

***** SENSOR LIST *****
 RECORD NUMBER - 152 DATE - 0/29 TIME - 4:0:27

PRESSURES	72.2824	72.28	AVG -	72.2812
RTD/S				
1 89.521	2 89.568	3 90.076	4 85.659	
5 89.190	6 88.152	7 90.417	8 88.270	
9 87.539	10 87.469	11 85.996	12 91.984	
13 93.416	14 91.626	15 95.445	16 95.823	
17 94.996	18 95.775	19 93.672	20 92.006	
21 81.199	22 81.223	23 80.681	24 81.129	
25 80.987	26 81.270	INACT 80.987	INACT 0.000	
INACT 0.000	INACT 0.000	INACT 0.000	INACT 0.000	
INACT 0.000	INACT 0.000	INACT 0.000	INACT 0.000	
INACT 0.000	INACT 0.000	INACT 0.000	INACT 0.000	
AVG 85.889				
DEW CELLS				
1 83.633	INACT 42.266	3 82.705	4 85.053	
INACT 80.176	INACT 79.609	7 81.129	8 81.199	
INACT 0.000	INACT 0.000	INACT 0.000	INACT 0.000	
INACT 0.000	INACT 0.000	INACT 0.000	AVG 82.732	
AMBIENT PRESS - 14.22884		VAPOR PRESS - .5540463		
DRY PRESSURE - 71.72716				
FLOWS - 0	0	AVG 0		

***** SENSOR LIST *****
 RECORD NUMBER - 153 DATE - 0/29 TIME - 4:15:27

PRESSURES	72.28	72.2776	AVG -	72.2788
RTD/S				
1	89.521	2 89.568	3 90.100	4 85.659
5	89.167	6 88.152	7 90.417	8 88.270
9	87.539	10 87.492	11 85.977	12 91.984
13	93.416	14 91.626	15 95.421	16 95.823
17	94.973	18 95.752	19 93.625	20 92.054
21	81.199	22 81.199	23 80.658	24 81.129
25	80.964	26 81.246	INACT 80.964	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
AVG	85.881			
DEW CELLS				
1	83.750	INACT 42.285	3 82.861	4 85.005
INACT	80.059	INACT 79.668	7 81.129	8 81.199
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	AVG 82.765
AMBIENT PRESS	- 14.23006		VAPOR PRESS - .5546227	
DRY PRESSURE	- 71.72418			
FLOWS	- 0	0	AVG 0	

***** SENSOR LIST *****
 RECORD NUMBER - 154 DATE - 0/29 TIME - 4:30:27

PRESSURES	72.2768	72.2744	AVG -	72.2756
RTD/S				
1	89.521	2 89.568	3 90.076	4 85.659
5	89.190	6 88.152	7 90.441	8 88.270
9	87.520	10 87.469	11 85.996	12 91.984
13	93.506	14 91.716	15 95.327	16 95.799
17	94.949	18 95.728	19 93.485	20 92.149
21	81.199	22 81.176	23 80.681	24 81.105
25	80.964	26 81.223	INACT 80.964	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
AVG	85.878			
DEW CELLS				
1	83.799	INACT 42.588	3 82.725	4 85.029
INACT	80.107	INACT 79.619	7 81.105	8 81.199
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	AVG 82.760
AMBIENT PRESS	- 14.23065		VAPOR PRESS - .5545465	
DRY PRESSURE	- 71.72105			
FLOWS	- 0	0	AVG 0	

***** SENSOR LIST *****
 RECORD NUMBER - 155 DATE - 0/29 TIME - 4:45:27

PRESSURES	72.2744	72.272	AVG -	72.2732
RTD/S				
1	89.544	2 89.591	3 90.076	4 85.683
5	89.190	6 88.152	7 90.417	8 88.318
9	87.539	10 87.492	11 85.996	12 91.984
13	93.416	14 91.716	15 95.374	16 95.823
17	94.925	18 95.704	19 93.485	20 92.006
21	81.199	22 81.176	23 80.658	24 81.082
25	80.964	26 81.223	INACT 80.964	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
AVG	85.875			
DEW CELLS				
1	83.564	INACT 42.852	3 82.686	4 85.029
INACT	80.459	INACT 79.580	7 81.082	8 81.199
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	AVG 82.699
AMBIENT PRESS	- 14.23124		VAPOR PRESS - .5534565	
DRY PRESSURE	- 71.71974			
FLOWS	- 0	0	AVG 0	

***** SENSOR LIST *****
 RECORD NUMBER - 156 DATE - 0/29 TIME - 5:0:27

PRESSURES	72.272	72.2688	AVG -	72.2704
RTD/S				
1	89.544	2 89.591	3 90.100	4 85.659
5	89.190	6 88.129	7 90.417	8 88.270
9	87.539	10 87.492	11 85.996	12 91.984
13	93.506	14 91.626	15 95.327	16 95.775
17	94.902	18 95.704	19 93.438	20 91.911
21	81.152	22 81.129	23 80.634	24 81.058
25	80.917	26 81.223	INACT 80.917	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
AVG	85.853			
DEW CELLS				
1	83.643	INACT 42.803	3 82.822	4 84.969
INACT	79.893	INACT 79.590	7 81.058	8 81.152
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	AVG 82.702
AMBIENT PRESS	- 14.23124		VAPOR PRESS - .5535109	
DRY PRESSURE	- 71.71689			
FLOWS	- 0	0	AVG 0	

***** SENSOR LIST *****
 RECORD NUMBER - 157 DATE - 0/29 TIME - 5:15:27

PRESSURES		72.2688	72.2664	AVG -		72.2676	
RTD/S							
1	89.544	2	89.568	3	90.076	4	85.659
5	89.167	6	88.152	7	90.441	8	88.194
9	87.520	10	87.492	11	85.977	12	92.074
13	93.416	14	91.716	15	95.327	16	95.752
17	94.878	18	95.657	19	93.345	20	91.959
21	81.176	22	81.129	23	80.634	24	81.035
25	80.917	26	81.176	INACT	80.917	INACT	0.000
INACT	0.000	INACT	0.000	INACT	0.000	INACT	0.000
INACT	0.000	INACT	0.000	INACT	0.000	INACT	0.000
INACT	0.000	INACT	0.000	INACT	0.000	INACT	0.000
AVG	85.849						
DEW CELLS							
1	83.633	INACT	42.939	3	82.754	4	85.053
INACT	79.961	INACT	79.570	7	81.035	8	81.176
INACT	0.000	INACT	0.000	INACT	0.000	INACT	0.000
INACT	0.000	INACT	0.000	INACT	0.000	AVG	82.711
AMBIENT PRESS	-	14.22947		VAPOR PRESS	-	.5536701	
DRY PRESSURE	-	71.71393					
FLOWS	-	0	0	AVG	0		

***** SENSOR LIST *****
 RECORD NUMBER - 158 DATE - 0/29 TIME - 5:30:27

PRESSURES		72.2664	72.2632	AVG -		72.2648	
RTD/S							
1	89.544	2	89.591	3	90.100	4	85.635
5	89.190	6	88.152	7	90.441	8	88.270
9	87.520	10	87.445	11	85.996	12	92.074
13	93.506	14	91.626	15	95.280	16	95.657
17	94.902	18	95.657	19	93.251	20	91.959
21	81.176	22	81.129	23	80.611	24	81.035
25	80.893	26	81.176	INACT	80.893	INACT	0.000
INACT	0.000	INACT	0.000	INACT	0.000	INACT	0.000
INACT	0.000	INACT	0.000	INACT	0.000	INACT	0.000
INACT	0.000	INACT	0.000	INACT	0.000	INACT	0.000
AVG	85.841						
DEW CELLS							
1	83.682	INACT	42.910	3	82.861	4	84.932
INACT	79.971	INACT	79.561	7	81.035	8	81.176
INACT	0.000	INACT	0.000	INACT	0.000	INACT	0.000
INACT	0.000	INACT	0.000	INACT	0.000	AVG	82.707
AMBIENT PRESS	-	14.22947		VAPOR PRESS	-	.553598	
DRY PRESSURE	-	71.71121					
FLOWS	-	0	0	AVG	0		


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SENSOR LIST
RECORD NUMBER - 159          DATE - 0/29          TIME - 5:45:27
*****

PRESSURES          72.2632          72.2608          AVG -          72.262
RTD/S
  1  89.544          2  89.591          3  90.100          4  85.635
  5  89.190          6  88.129          7  90.417          8  88.270
  9  87.520          10 87.469          11 85.996          12 91.984
 13 93.506          14 91.716          15 95.232          16 95.728
 17 94.854          18 95.634          19 93.251          20 91.769
 21 81.129          22 81.105          23 80.611          24 81.082
 25 80.893          26 81.176          INACT 80.893          INACT 0.000
INACT 0.000          INACT 0.000          INACT 0.000          INACT 0.000
INACT 0.000          INACT 0.000          INACT 0.000          INACT 0.000
INACT 0.000          INACT 0.000          INACT 0.000          INACT 0.000
AVG 85.833
DEW CELLS
  1  83.662          INACT 43.066          3  82.725          4  84.981
INACT 79.873          INACT 79.551          7  81.082          8  81.129
INACT 0.000          INACT 0.000          INACT 0.000          INACT 0.000
INACT 0.000          INACT 0.000          INACT 0.000          AVG 82.698
AMBIENT PRESS - 14.23124          VAPOR PRESS - .5534428
DRY PRESSURE - 71.70856
FLOWS - 0          0          AVG 0

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*****
SENSOR LIST
RECORD NUMBER - 160          DATE - 0/29          TIME - 6:0:27
*****

PRESSURES          72.26          72.2576          AVG -          72.2588
RTD/S
  1  89.544          2  89.591          3  90.100          4  85.659
  5  89.214          6  88.152          7  90.441          8  88.270
  9  87.520          10 87.469          11 85.957          12 91.984
 13 93.506          14 91.716          15 95.232          16 95.634
 17 94.854          18 95.704          19 93.204          20 91.769
 21 81.152          22 81.129          23 80.587          24 81.035
 25 80.870          26 81.152          INACT 80.870          INACT 0.000
INACT 0.000          INACT 0.000          INACT 0.000          INACT 0.000
INACT 0.000          INACT 0.000          INACT 0.000          INACT 0.000
INACT 0.000          INACT 0.000          INACT 0.000          INACT 0.000
AVG 85.829
DEW CELLS
  1  83.623          INACT 43.379          3  82.803          4  84.956
INACT 79.697          INACT 79.570          7  81.035          8  81.152
INACT 0.000          INACT 0.000          INACT 0.000          INACT 0.000
INACT 0.000          INACT 0.000          INACT 0.000          AVG 82.688
AMBIENT PRESS - 14.23247          VAPOR PRESS - .5532536
DRY PRESSURE - 71.70555
FLOWS - 0          0          AVG 0

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***** SENSOR LIST *****
 RECORD NUMBER - 161 DATE - 0/29 TIME - 6:15:27

PRESSURES	72.2584	72.2552	AVG -	72.25681
RTD/S				
1	89.568	2 89.615	3 90.100	4 85.659
5	89.190	6 88.176	7 90.441	8 88.270
9	87.520	10 87.445	11 85.977	12 92.074
13	93.506	14 91.716	15 95.280	16 95.634
17	94.784	18 95.610	19 93.158	20 91.674
21	81.152	22 81.082	23 80.611	24 81.035
25	80.893	26 81.152	INACT 80.893	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
AVG	85.828			
DEW CELLS				
1	83.604	INACT 43.545	3 82.686	4 84.956
INACT	80.039	INACT 79.522	7 81.035	8 81.152
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	AVG 82.671
AMBIENT PRESS	- 14.23065		VAPOR PRESS - .5529478	
DRY PRESSURE	- 71.70386			
FLOWS	- 0	0	AVG 0	

***** SENSOR LIST *****
 RECORD NUMBER - 162 DATE - 0/29 TIME - 6:30:27

PRESSURES	72.2552	72.2525	AVG -	72.254
RTD/S				
1	89.544	2 89.591	3 90.100	4 85.635
5	89.190	6 88.129	7 90.464	8 88.270
9	87.539	10 87.445	11 85.957	12 92.074
13	93.506	14 91.716	15 95.161	16 95.610
17	94.854	18 95.681	19 93.111	20 91.436
21	81.105	22 81.105	23 80.563	24 81.035
25	80.846	26 81.152	INACT 80.846	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
AVG	85.810			
DEW CELLS				
1	83.564	INACT 43.643	3 82.754	4 84.884
INACT	80.147	INACT 79.492	7 81.035	8 81.105
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	AVG 82.643
AMBIENT PRESS	- 14.23306		VAPOR PRESS - .5524566	
DRY PRESSURE	- 71.70154			
FLOWS	- 0	0	AVG 0	

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*****
SENSOR LIST
RECORD NUMBER - 163          DATE - 0/29          TIME - 6:45:27
*****

PRESSURES          72.2528          72.2496          AVG -          72.25121
RTD/S
  1  89.568          2  89.615          3  90.100          4  85.659
  5  89.190          6  88.176          7  90.441          8  88.270
  9  87.539          10 87.469          11 85.938          12 91.984
 13 93.506          14 91.805          15 95.161          16 95.634
 17 94.736          18 95.610          19 93.111          20 91.341
 21 81.105          22 81.082          23 80.563          24 81.011
 25 80.823          26 81.129          INACT 80.823          INACT 0.000
INACT 0.000          INACT 0.000          INACT 0.000          INACT 0.000
INACT 0.000          INACT 0.000          INACT 0.000          INACT 0.000
INACT 0.000          INACT 0.000          INACT 0.000          INACT 0.000
AVG 85.801
DEW CELLS
  1  83.535          INACT 43.652          3  82.725          4  84.836
INACT 80.029          INACT 79.522          7  81.011          8  81.105
INACT 0.000          INACT 0.000          INACT 0.000          INACT 0.000
INACT 0.000          INACT 0.000          INACT 0.000          AVG 82.617
AMBIENT PRESS - 14.23483          VAPOR PRESS - .5520021
DRY PRESSURE - 71.6992
FLOWS - 0          0          AVG 0

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*****
SENSOR LIST
RECORD NUMBER - 164          DATE - 0/29          TIME - 7:0:27
*****

PRESSURES          72.2496          72.2472          AVG -          72.2484
RTD/S
  1  89.568          2  89.568          3  90.124          4  85.659
  5  89.190          6  88.129          7  90.464          8  88.270
  9  87.539          10 87.492          11 85.938          12 91.984
 13 93.506          14 91.895          15 95.138          16 95.634
 17 94.736          18 95.587          19 93.017          20 91.578
 21 81.129          22 81.082          23 80.540          24 80.964
 25 80.846          26 81.152          INACT 80.846          INACT 0.000
INACT 0.000          INACT 0.000          INACT 0.000          INACT 0.000
INACT 0.000          INACT 0.000          INACT 0.000          INACT 0.000
INACT 0.000          INACT 0.000          INACT 0.000          INACT 0.000
AVG 85.805
DEW CELLS
  1  83.555          INACT 43.691          3  82.695          4  84.836
INACT 80.010          INACT 79.502          7  80.964          8  81.129
INACT 0.000          INACT 0.000          INACT 0.000          INACT 0.000
INACT 0.000          INACT 0.000          INACT 0.000          AVG 82.613
AMBIENT PRESS - 14.23606          VAPOR PRESS - .5519266
DRY PRESSURE - 71.69647
FLOWS - 0          0          AVG 0

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***** SENSOR LIST *****
 RECORD NUMBER - 165 DATE - 0/29 TIME - 7:17:30

PRESSURES	72.2464	72.244	AVG -	72.2452
RTD/S				
1	89.544	2 89.615	3 90.100	4 85.659
5	89.214	6 88.152	7 90.464	8 88.247
9	87.520	10 87.445	11 85.957	12 92.074
13	93.506	14 91.895	15 95.138	16 95.587
17	94.665	18 95.516	19 92.924	20 91.483
21	81.082	22 81.035	23 80.540	24 80.987
25	80.846	26 81.105	INACT 80.846	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
AVG	85.791			
DEW CELLS				
1	83.535	INACT 43.770	3 82.705	4 84.836
INACT	80.576	INACT 79.492	7 80.987	8 81.082
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	AVG 82.605
AMBIENT PRESS	- 14.23846		VAPOR PRESS - .5517758	
DRY PRESSURE	- 71.69343			
FLOWS	- 0	0	AVG 0	

***** SENSOR LIST *****
 RECORD NUMBER - 166 DATE - 0/29 TIME - 7:30:0

PRESSURES	72.244	72.2416	AVG -	72.2428
RTD/S				
1	89.568	2 89.591	3 90.100	4 85.659
5	89.214	6 88.152	7 90.464	8 88.270
9	87.520	10 87.469	11 85.977	12 92.074
13	93.506	14 91.895	15 95.161	16 95.563
17	94.713	18 95.516	19 92.877	20 91.436
21	81.082	22 81.035	23 80.540	24 80.987
25	80.799	26 81.082	INACT 80.799	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
AVG	85.787			
DEW CELLS				
1	83.623	INACT 43.799	3 82.627	4 84.811
INACT	79.834	INACT 79.502	7 80.987	8 81.082
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	AVG 82.610
AMBIENT PRESS	- 14.23846		VAPOR PRESS - .5518712	
DRY PRESSURE	- 71.69093			
FLOWS	- 0	0	AVG 0	

***** SENSOR LIST *****
 RECORD NUMBER - 167 DATE - 0/29 TIME - 7:45:0

PRESSURES	72.2416	72.2392	AVG -	72.2404
RTD/S				
1	89.568	2 89.591	3 90.124	4 85.659
5	89.190	6 88.152	7 90.441	8 88.270
9	87.520	10 87.469	11 85.957	12 92.074
13	93.506	14 91.895	15 95.138	16 95.492
17	94.689	18 95.539	19 92.830	20 91.103
21	81.082	22 81.035	23 80.540	24 80.987
25	80.823	26 81.082	INACT 80.823	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
AVG	85.779			
DEW CELLS				
1	83.564	INACT 43.809	3 82.744	4 84.824
INACT	79.736	INACT 79.551	7 80.987	8 81.082
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	AVG 82.613
AMBIENT PRESS	- 14.23846		VAPOR PRESS - .5519186	
DRY PRESSURE	- 71.68848			
FLOWS	- 0	0	AVG 0	

***** SENSOR LIST *****
 RECORD NUMBER - 168 DATE - 0/29 TIME - 8:0:0

PRESSURES	72.2392	72.236	AVG -	72.2376
RTD/S				
1	89.591	2 89.615	3 90.100	4 85.659
5	89.214	6 88.152	7 90.464	8 88.270
9	87.520	10 87.469	11 85.957	12 92.074
13	93.506	14 91.805	15 95.161	16 95.539
17	94.642	18 95.492	19 92.737	20 91.246
21	81.058	22 80.987	23 80.516	24 80.940
25	80.799	26 81.105	INACT 80.799	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
AVG	85.768			
DEW CELLS				
1	83.633	INACT 43.887	3 82.725	4 84.787
INACT	79.893	INACT 79.463	7 80.940	8 81.058
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	AVG 82.602
AMBIENT PRESS	- 14.23846		VAPOR PRESS - .5517235	
DRY PRESSURE	- 71.68848			
FLOWS	- 0	0	AVG 0	

 RECORD NUMBER 169 SENSOR LIST DATE - 0/29 TIME - 8:15: 0

PRESSURES	72.236	72.2344	AVG -	72.2352
RTD/S				
1	89.591	2 89.568	3 90.124	4 85.683
5	89.214	6 88.152	7 90.464	8 88.247
9	87.520	10 87.445	11 85.977	12 92.074
13	93.506	14 91.895	15 94.996	16 95.516
17	94.618	18 95.492	19 92.643	20 91.198
21	81.035	22 81.011	23 80.493	24 80.917
25	80.799	26 81.082	INACT 80.799	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
AVG	85.758			
DEW CELLS				
1	83.486	INACT 43.975	3 82.647	4 84.787
INACT	80.117	INACT 79.512	7 80.917	8 81.035
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	AVG 82.550
AMBIENT PRESS	- 14.23905		VAPOR PRESS - .5508109	
DRY PRESSURE	- 71.68439			
FLOWS	- 0	0	AVG 0	

 RECORD NUMBER - 170 SENSOR LIST DATE - 0/29 TIME - 8:30: 0

PRESSURES	72.2336	72.2312	AVG -	72.2324
RTD/S				
1	89.568	2 89.591	3 90.124	4 85.659
5	89.214	6 88.129	7 90.464	8 88.247
9	87.520	10 87.445	11 85.977	12 92.074
13	93.506	14 91.895	15 95.067	16 95.468
17	94.665	18 95.516	19 92.597	20 90.960
21	81.011	22 80.987	23 80.516	24 80.964
25	80.775	26 81.082	INACT 80.775	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
AVG	85.753			
DEW CELLS				
1	83.574	INACT 43.994	3 82.656	4 84.799
INACT	79.834	INACT 79.443	7 80.964	8 81.011
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	AVG 82.579
AMBIENT PRESS	- 14.23846		VAPOR PRESS - .5513147	
DRY PRESSURE	- 71.68108			
FLOWS	- 0	0	AVG 0	

***** SENSOR LIST *****
 RECORD NUMBER - 171 DATE - 0/29 TIME - 8:45:0

PRESSURES	72.2312	72.228	AVG -	72.2296
RTD/S				
1	89.591	2 89.591	3 90.100	4 85.659
5	89.214	6 88.152	7 90.464	8 88.270
9	87.520	10 87.445	11 85.957	12 92.074
13	93.595	14 91.895	15 94.996	16 95.445
17	94.618	18 95.492	19 92.503	20 91.103
21	81.035	22 81.035	23 80.469	24 80.917
25	80.775	26 81.035	INACT 80.775	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
AVG	85.749			
DEW CELLS				
1	83.486	INACT 44.092	3 82.568	4 84.787
INACT	79.971	INACT 79.492	7 80.917	8 81.035
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	AVG 82.542
AMBIENT PRESS	- 14.23964		VAPOR PRESS - .5506586	
DRY PRESSURE	- 71.67894			
FLWS	- 0	0	AVG 0	

***** SENSOR LIST *****
 RECORD NUMBER - 172 DATE - 0/29 TIME - 9:00:0

PRESSURES	72.228	72.2256	AVG -	72.2268
RTD/S				
1	89.568	2 89.615	3 90.124	4 85.659
5	89.214	6 88.152	7 90.464	8 88.247
9	87.500	10 87.445	11 85.977	12 92.074
13	93.506	14 91.895	15 95.020	16 95.350
17	94.524	18 95.468	19 92.456	20 91.103
21	81.011	22 80.987	23 80.469	24 80.940
25	80.775	26 81.082	INACT 80.775	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
AVG	85.743			
DEW CELLS				
1	83.516	INACT 44.072	3 82.568	4 84.715
INACT	80.010	INACT 79.482	7 80.940	8 81.011
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	AVG 82.532
AMBIENT PRESS	- 14.23964		VAPOR PRESS - .5504901	
DRY PRESSURE	- 71.67631			
FLWS	- 0	0	AVG 0	

***** SENSOR LIST *****
 RECORD NUMBER - 173 DATE - 0/29 TIME - 9:15: 0

PRESSURES	72.2264	72.2232	AVG -	72.2248
RTD/S				
1	89.568	2 89.591	3 90.124	4 45.659
5	89.214	6 88.129	7 90.488	8 88.247
9	87.520	10 87.445	11 85.977	12 92.074
13	93.506	14 91.895	15 95.043	16 95.374
17	94.642	18 95.468	19 92.410	20 91.055
21	81.011	22 81.011	23 80.469	24 80.893
25	80.752	26 81.035	INACT 80.752	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
AVG	85.736			
DEW CELLS				
1	83.613	INACT 44.014	3 82.598	4 84.715
INACT	80.000	INACT 79.482	7 80.893	8 81.011
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	AVG 82.546
AMBIENT PRESS	- 14.23782		VAPOR PRESS - .5507406	
DRY PRESSURE	- 71.67406			
FLOWS	- 0	0	AVG 0	

***** SENSOR LIST *****
 RECORD NUMBER - 174 DATE - 0/29 TIME - 9:30: 0

PRESSURES	72.2232	72.2208	AVG -	72.222
RTD/S				
1	89.568	2 89.615	3 90.124	4 85.683
5	89.214	6 88.152	7 90.441	8 88.247
9	87.520	10 87.445	11 85.977	12 92.074
13	93.506	14 91.805	15 94.996	16 95.397
17	94.571	18 95.516	19 92.410	20 90.865
21	81.011	22 80.964	23 80.469	24 80.893
25	80.728	26 81.011	INACT 80.728	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
AVG	85.723			
DEW CELLS				
1	83.594	INACT 44.082	3 82.539	4 84.715
INACT	79.912	INACT 79.473	7 80.893	8 81.011
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	AVG 82.536
AMBIENT PRESS	- 14.24146		VAPOR PRESS - .5505502	
DRY PRESSURE	- 71.67145			
FLOWS	- 0	0	AVG 0	

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*****
SENSOR LIST
*****
RECORD NUMBER - 175          DATE - 0/29          TIME - 9:45: 0

PRESSURES          72.2208          72.2184          AVG -          72.2196
RTD/S
  1  89.591          2  89.591          3  90.148          4  85.683
  5  89.238          6  88.152          7  90.464          8  88.294
  9  87.520          10 87.445          11 85.977          12 92.074
  13 93.595          14 91.895          15 94.973          16 95.397
  17 94.595          18 95.397          19 92.316          20 91.055
  21 81.035          22 80.964          23 80.469          24 80.893
  25 80.752          26 81.011          INACT 80.752          INACT 0.000
INACT 0.000          INACT 0.000          INACT 0.000          INACT 0.000
INACT 0.000          INACT 0.000          INACT 0.000          INACT 0.000
INACT 0.000          INACT 0.000          INACT 0.000          INACT 0.000
AVG 85.735
DEW CELLS
  1  83.467          INACT 44.209          3  82.627          4  84.678
INACT 79.990          INACT 79.473          7  80.893          8  81.035
INACT 0.000          INACT 0.000          INACT 0.000          INACT 0.000
INACT 0.000          INACT 0.000          INACT 0.000          AVG 82.515
AMBIENT PRESS - 14.23846          VAPOR PRESS - .5501786
DRY PRESSURE - 71.66943
FLCWS - 0          0          AVG 0

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*****
SENSOR LIST
*****
RECORD NUMBER - 176          DATE - 0/29          TIME - 10: 0: 0

PRESSURES          72.2192          72.216          AVG -          72.21761
RTD/S
  1  89.591          2  89.591          3  90.124          4  85.659
  5  89.238          6  88.152          7  90.488          8  88.247
  9  87.520          10 87.445          11 85.996          12 92.074
  13 93.595          14 91.895          15 94.878          16 95.303
  17 94.548          18 95.397          19 92.316          20 90.960
  21 80.987          22 80.964          23 80.469          24 80.870
  25 80.728          26 81.011          INACT 80.728          INACT 0.000
INACT 0.000          INACT 0.000          INACT 0.000          INACT 0.000
INACT 0.000          INACT 0.000          INACT 0.000          INACT 0.000
INACT 0.000          INACT 0.000          INACT 0.000          INACT 0.000
AVG 85.721
DEW CELLS
  1  83.477          INACT 44.307          3  82.568          4  84.666
INACT 79.990          INACT 79.395          7  80.870          8  80.987
INACT 0.000          INACT 0.000          INACT 0.000          INACT 0.000
INACT 0.000          INACT 0.000          INACT 0.000          AVG 82.492
AMBIENT PRESS - 14.23905          VAPOR PRESS - .5497741
DRY PRESSURE - 71.66783
FLOWS - 0          0          AVG 0

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*****
RECORD NUMBER - 177          SENSOR LIST          *****
                              DATE - 0/29              TIME - 10:15: 0

PRESSURES      72.2168      72.2144      AVG -      72.2156
RTD/S
  1  89.615      2  89.615      3  90.148      4  85.683
  5  89.238      6  88.152      7  90.488      8  88.247
  9  87.520     10  87.469     11  85.977     12  92.074
 13  93.595     14  91.895     15  94.902     16  95.327
 17  94.548     18  95.374     19  92.316     20  90.818
 21  80.987     22  80.964     23  80.446     24  80.870
 25  80.728     26  81.011     INACT 80.728     INACT 0.000
INACT 0.000     INACT 0.000     INACT 0.000     INACT 0.000
INACT 0.000     INACT 0.000     INACT 0.000     INACT 0.000
INACT 0.000     INACT 0.000     INACT 0.000     INACT 0.000
AVG  85.719
DEW CELLS
  1  83.496     INACT 44.424      3  82.588      4  84.666
INACT 79.805     INACT 79.385      7  80.870      8  80.987
INACT 0.000     INACT 0.000     INACT 0.000     INACT 0.000
INACT 0.000     INACT 0.000     INACT 0.000     AVG  82.498
AMBIENT PRESS - 14.23905      VAPOR PRESS - .5498881
DRY PRESSURE - 71.66571
FLOWS - 0      0      AVG  0

```

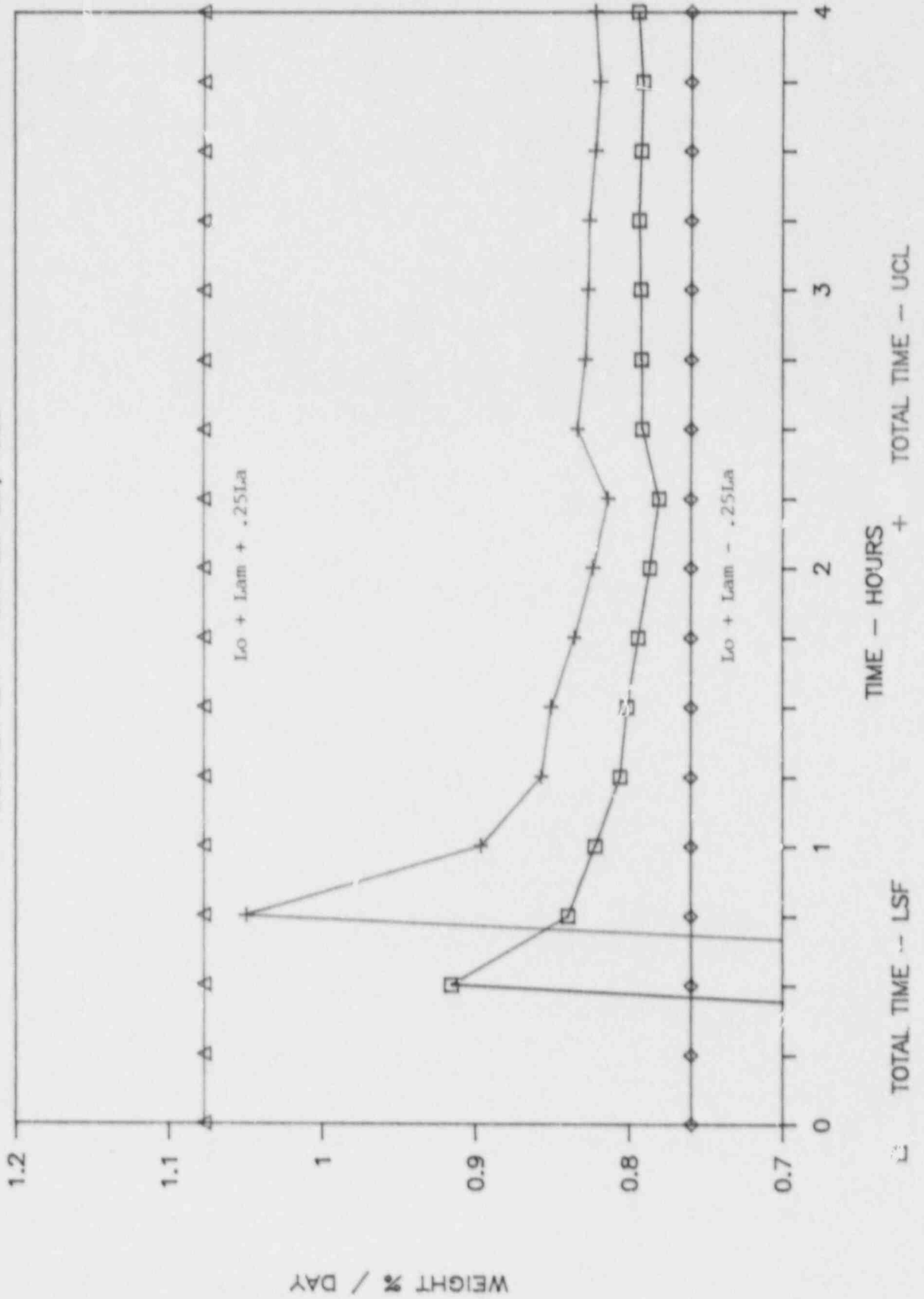
***** TOTAL TIME WITH VERIFICATION TEST *****
 DATE - 03-16-1988 TIME - 03:00:24

TIME	MASS	TOTAL TIME		SCFM	VERIFICATION	
		GROSS LSF	GROSS 95% UCL		NET LSF	NET 95% UCL
1045	86012	0.0000	0.0000	5.147	-0.6477	-0.6477
1100	86004	0.9158	0.0000	5.148	0.2670	-0.6479
1115	85998	0.8395	1.0497	5.147	0.1917	0.4019
1130	85991	0.8220	0.8960	5.145	0.1744	0.2483
1145	85984	0.8058	0.8571	5.147	0.1579	0.2092
1200	85976	0.8015	0.8506	5.145	0.1537	0.2028
1215	85970	0.7940	0.8351	5.221	0.1365	0.1777
1230	85963	0.7866	0.8230	5.220	0.1294	0.1657
1245	85956	0.7804	0.8135	5.225	0.1225	0.1556
1300	85945	0.7915	0.8334	5.226	0.1333	0.1752
1315	85940	0.7921	0.8280	5.225	0.1340	0.1699
1330	85933	0.7927	0.8264	5.226	0.1344	0.1681
1345	85925	0.7937	0.8255	5.225	0.1356	0.1674
1400	85919	0.7924	0.8217	5.225	0.1341	0.1635
1415	85912	0.7912	0.8188	5.228	0.1325	0.1601
1430	85902	0.7943	0.8218	5.225	0.1360	0.1635

LEAK RATE < MAX AND > MIN ALLOWED
 (Lo + Lam - .25 La) <= Lc <= (Lo + Lam + .25 La)
 0.7406 <= 0.7943 <= 1.0581

TOTAL TIME - VERIFICATION TEST

COOPER ILRT - MAY 28-29, 1988



***** MASS POINT WITH VERIFICATION TEST *****

DATE - 08-16-1988

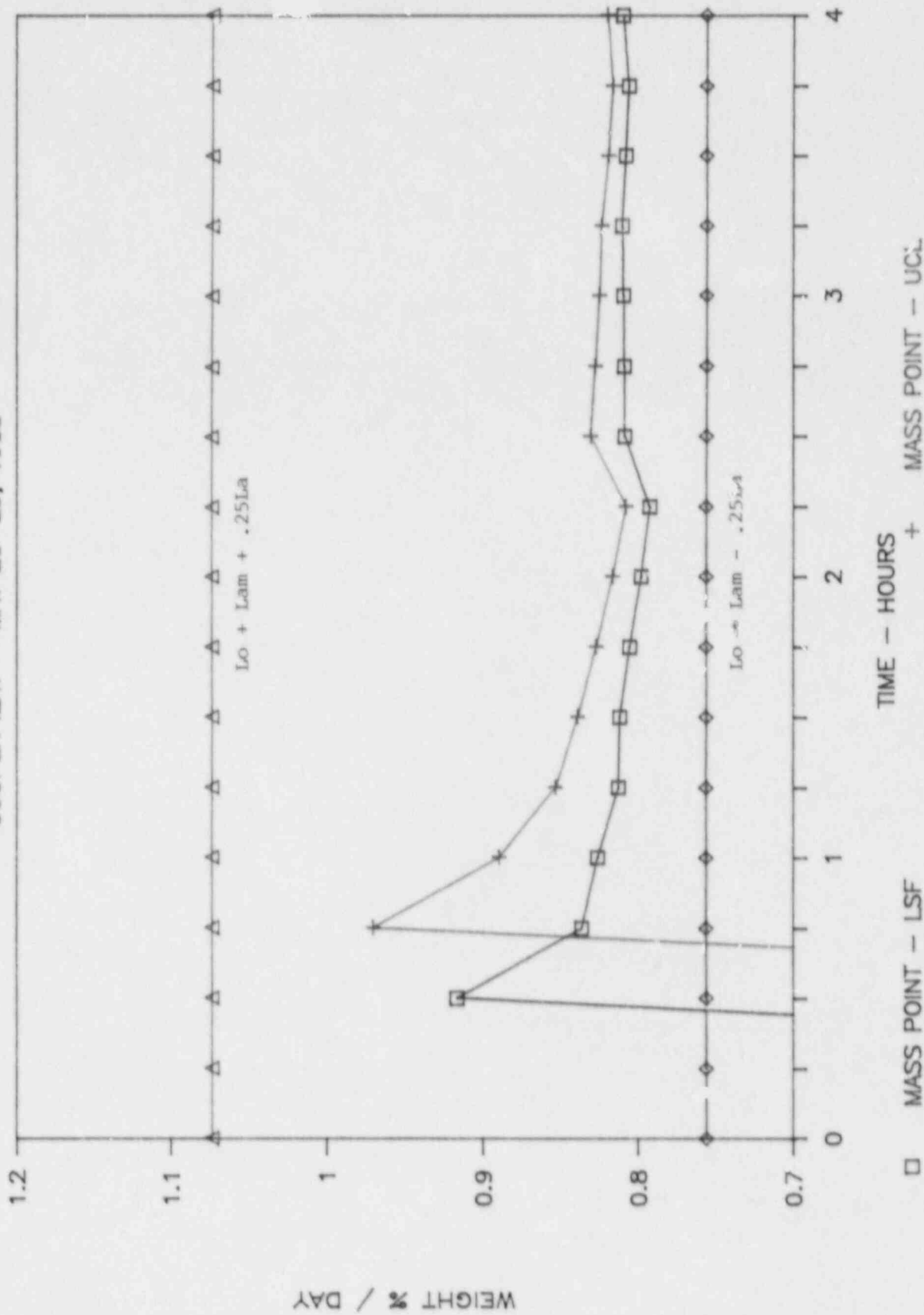
***** TIME - 03:03:14 *****

TIME	MASS	MASS POINT		SCFM	VERIFICATION	
		GROSS LSF	GROSS 95% UCL		NET LSF	NET 95 UCL
1030	86020.7	0.0000	0.0000	5.145	-0.6474	-0.6474
1045	86012.3	0.0000	0.0000	5.147	-0.6477	-0.6477
1100	86004.3	0.9168	0.0000	5.148	0.2688	-0.6479
1115	85998.4	0.8359	0.9703	5.147	0.1881	0.3225
1130	85990.7	0.8258	0.8894	5.145	0.1781	0.2417
1145	85983.9	0.8126	0.8525	5.147	0.1647	0.2046
1200	85976.3	0.8119	0.8386	5.145	0.1641	0.1908
1215	85969.7	0.8052	0.8268	5.221	0.1478	0.1693
1230	85963.0	0.7981	0.8162	5.220	0.1409	0.1589
1245	85956.2	0.7923	0.8079	5.225	0.1343	0.1500
1300	85945.2	0.8088	0.8307	5.226	0.1506	0.1725
1315	85940.1	0.8094	0.8274	5.225	0.1513	0.1694
1330	85932.8	0.8099	0.8250	5.226	0.1516	0.1667
1345	85925.4	0.8108	0.8235	5.225	0.1526	0.1653
1400	85919.2	0.8083	0.8195	5.225	0.1501	0.1612
1415	85912.1	0.8064	0.8166	5.228	0.1477	0.1579
1430	85902.4	0.8105	0.8203	5.225	0.1521	0.1619

$(L_o + L_{am} - .25 L_a) \leq L_c \leq (L_o + L_{am} + .25 L_a)$
 0.7562 \leq 0.8105 \leq 1.0737

MASS POINT - VERIFICATION TEST

COOPER ILRT - MAY 28-29, 1988



WEIGHT % / DAY

TIME - HOURS

□ MASS POINT - LSF

+ MASS POINT - UCL

 DATE - 08-16-1988

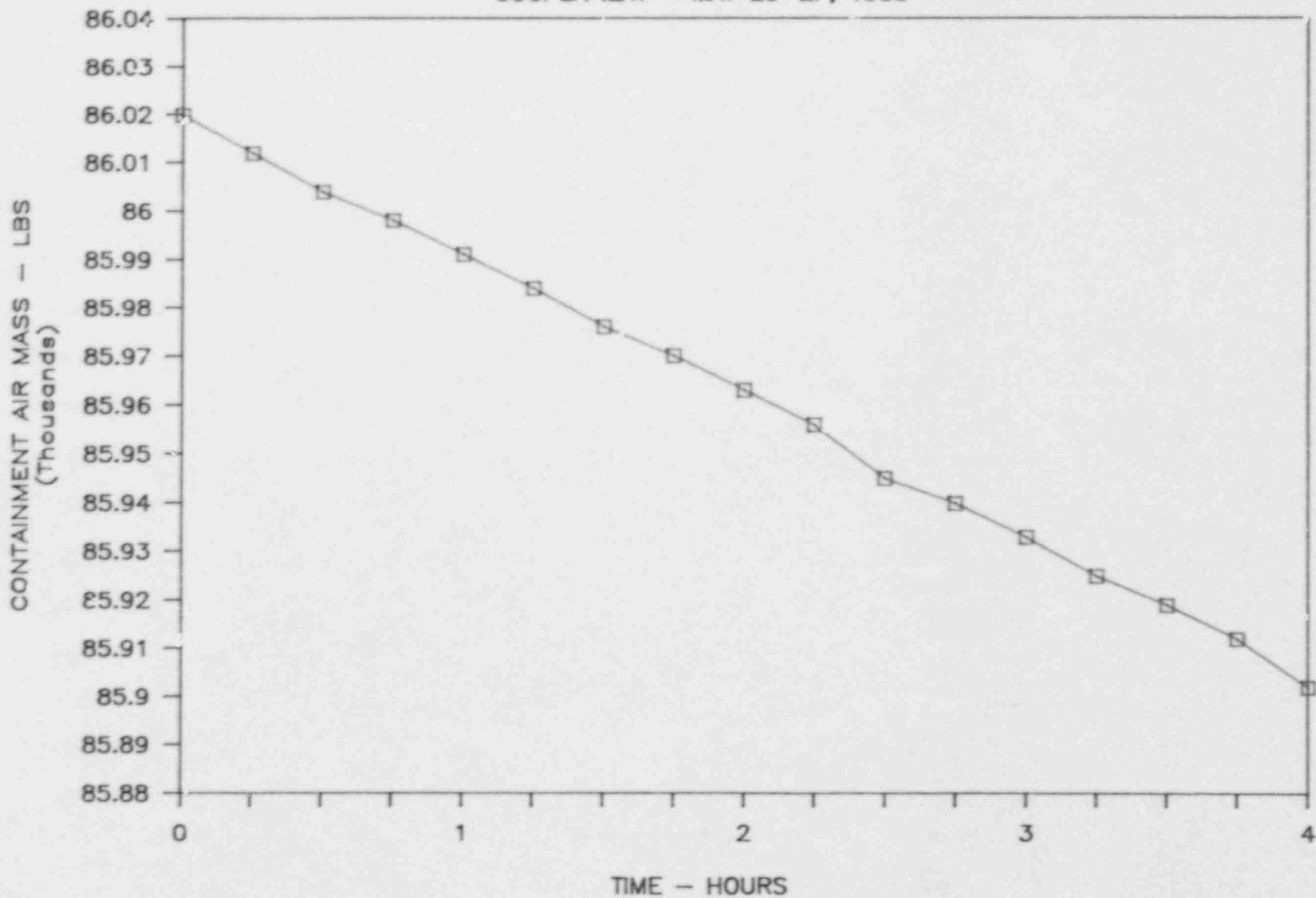
MASS LOSS

 TIME - 03:04:59

REC NUM	TIME DELTA (HOURS)	CONT AIR MASS	MASS LOSS INCR	MASS LOSS (1 HR)	MASS LOSS (x 24)
178	0.00	86020.727	0.000	0.000	0.000
179	0.25	86012.289	-8.438	0.000	0.000
180	0.50	86004.297	-7.992	0.000	0.000
181	0.75	85998.430	-5.867	0.000	0.000
182	1.00	85990.664	-7.766	30.063	721.500
183	1.25	85983.914	-6.750	28.375	681.000
184	1.50	85976.297	-7.617	28.000	672.000
185	1.75	85969.703	-6.594	28.727	689.438
186	2.00	85963.023	-6.680	27.641	663.375
187	2.25	85956.242	-6.781	27.672	664.125
188	2.50	85945.242	-11.000	31.055	745.313
189	2.75	85940.102	-5.141	29.602	710.438
190	3.00	85932.797	-7.305	30.227	725.438
191	3.25	85925.367	-7.430	30.875	741.000
192	3.50	85919.180	-6.188	26.063	625.500
193	3.75	85912.055	-7.125	28.047	673.125
194	4.00	85902.375	-9.680	30.422	730.125

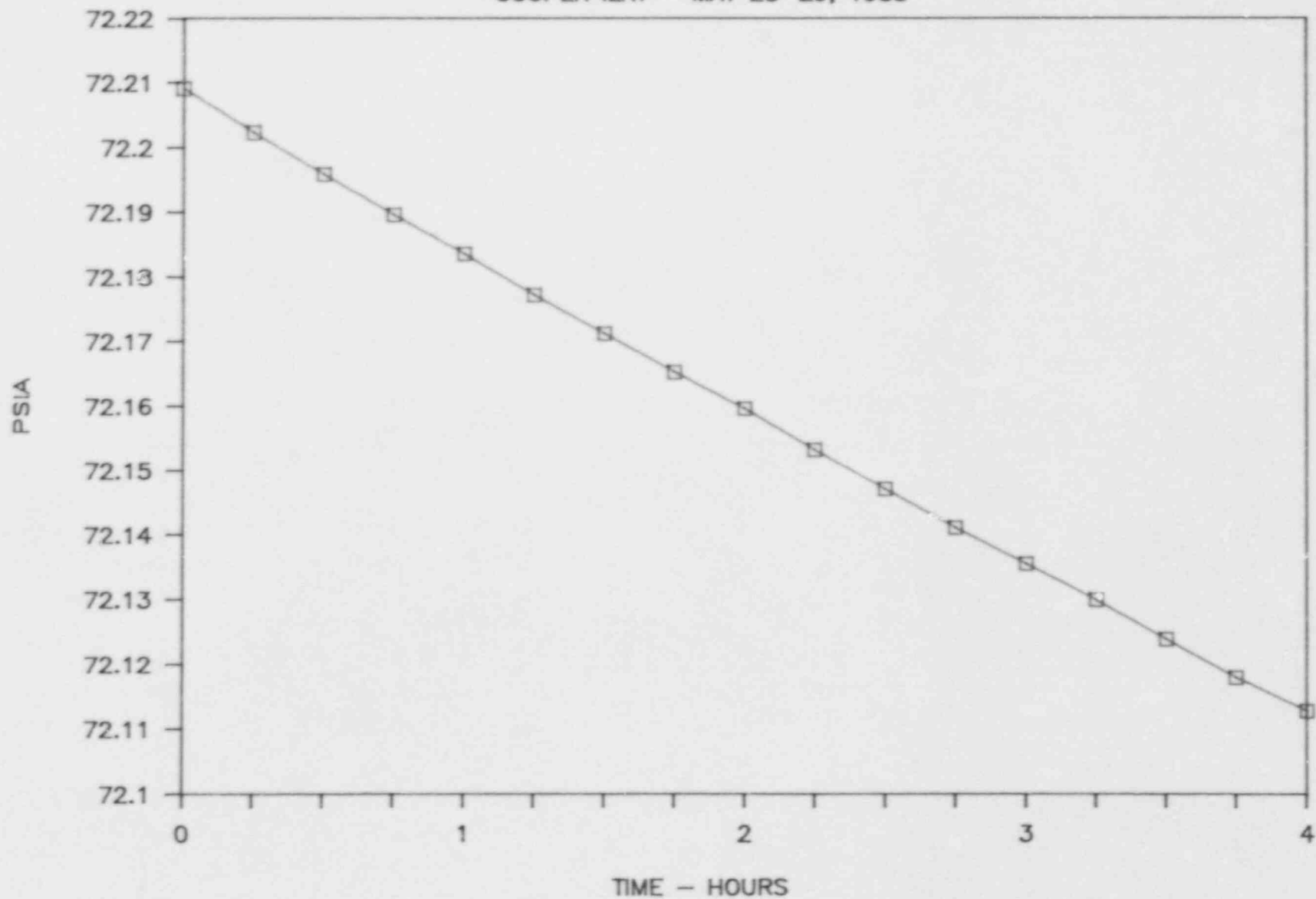
MASS LOSS - VERIFICATION TEST

COOPER ILRT - MAY 28-29, 1988



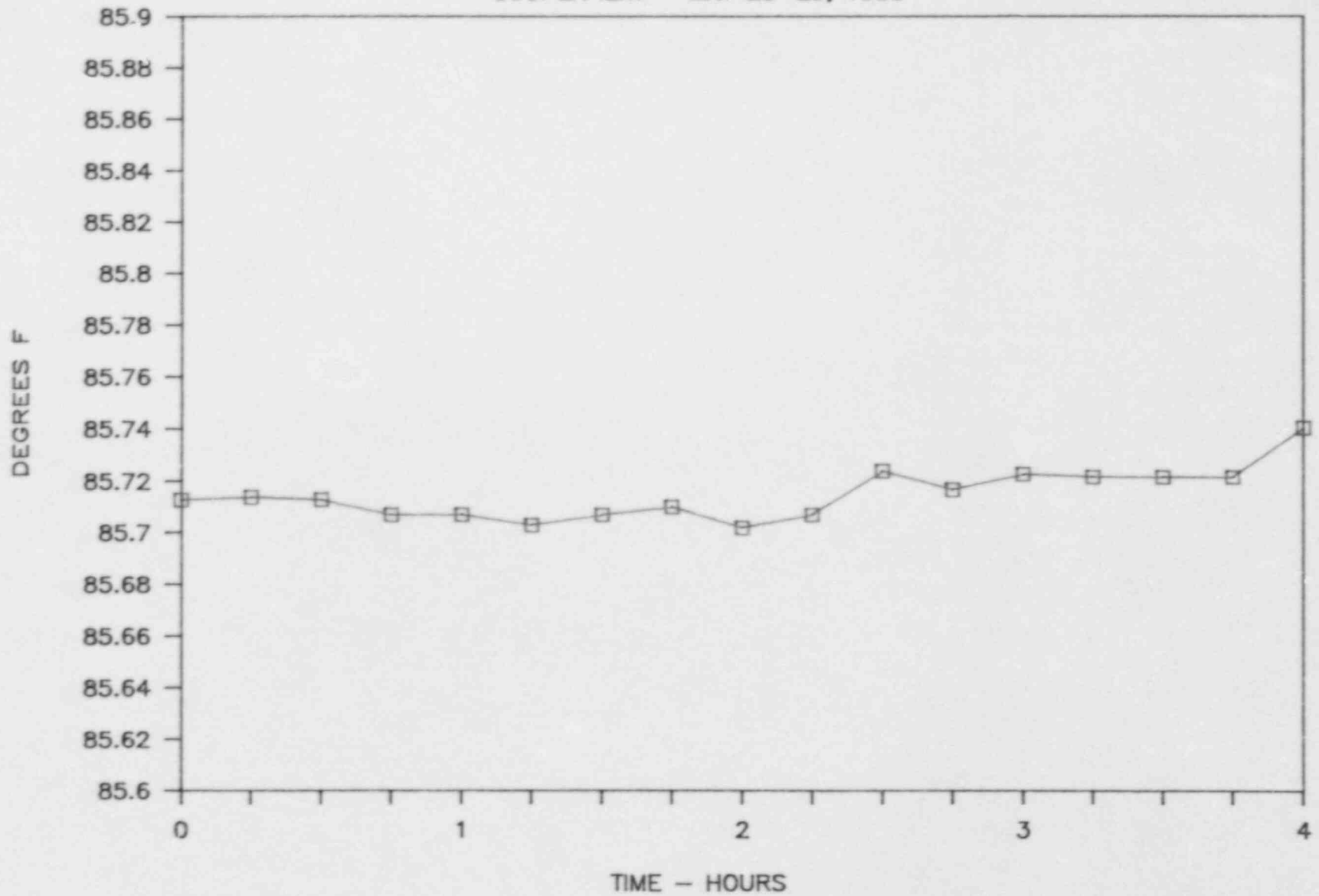
PRESSURE - VERIFICATION TEST

COOPER ILRT - MAY 28-29, 1988



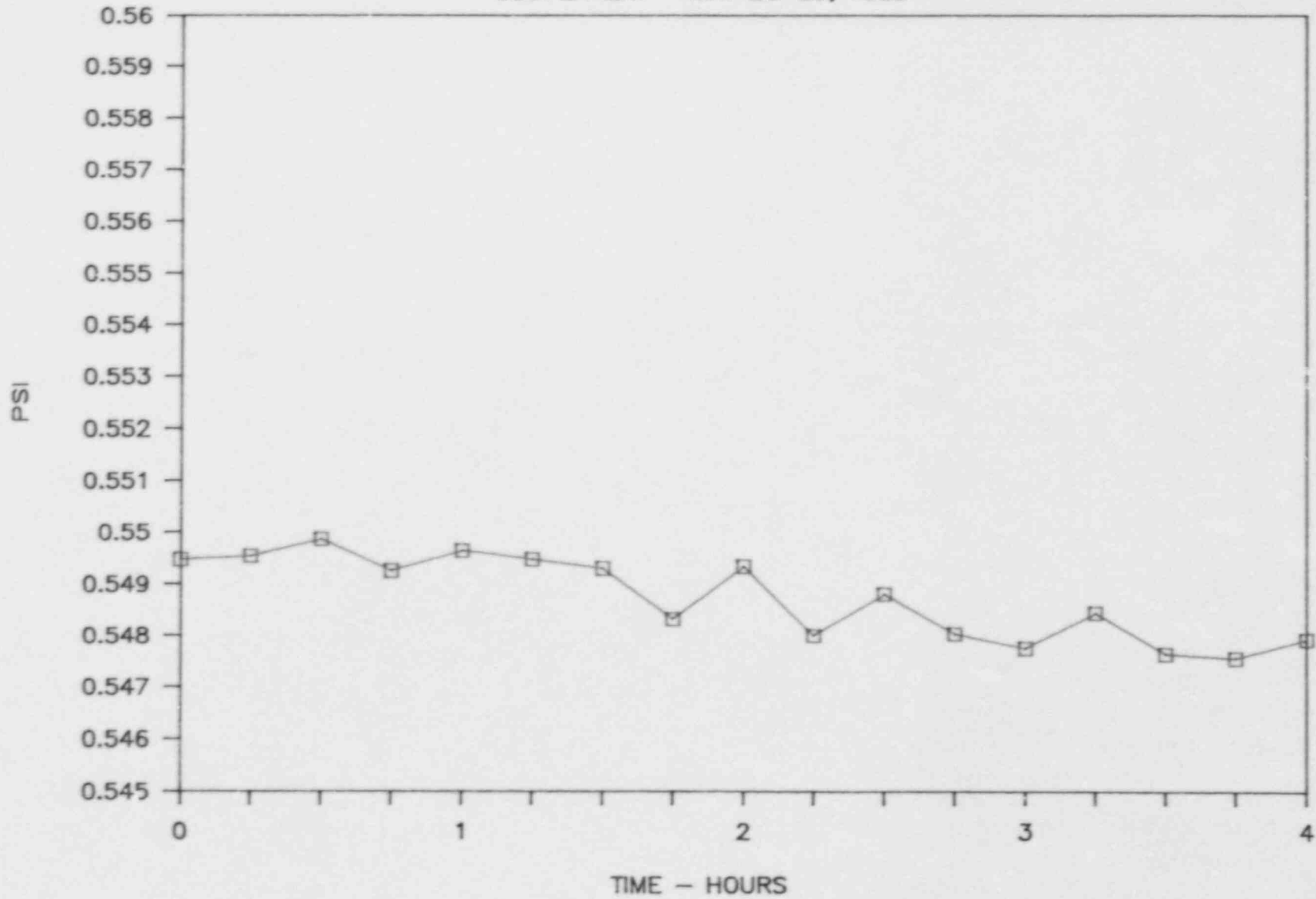
AVERAGE TEMPERATURE – VERIFICATION TEST

COOPER ILRT – MAY 28–29, 1988



VAPOR PRESSURE - VERIFICATION TEST

COOPER ILRT - MAY 28-29, 1988



ENVIRONMENT LISTING

DATE - 08-16-1988

TIME - 03:09:32

REC NUM	DATE	TIME	TEMP	VAPOR PRESSURE	CORRECT. PRESSURE	RELATIVE HUMIDITY	AIR DENSITY	PSIA/HR VARIANCE
178	29	1030	545.383	0.5495	71.6597	90.34	0.3547	0.00000
179	29	1045	545.384	0.5495	71.6529	90.35	0.3546	-0.02750
180	29	1100	545.383	0.5499	71.6461	90.40	0.3546	-0.02692
181	29	1113	545.377	0.5493	71.6404	90.32	0.3546	-0.02310
182	29	1130	545.377	0.5496	71.6340	90.38	0.3545	-0.02557
183	29	1145	545.373	0.5495	71.6277	90.37	0.3545	-0.02493
184	29	1200	545.377	0.5493	71.6219	90.33	0.3545	-0.02325
185	29	1215	545.380	0.5483	71.6169	90.16	0.3544	-0.02014
186	29	1230	545.372	0.5493	71.6103	90.35	0.3544	-0.02646
187	29	1245	545.377	0.5480	71.6052	90.11	0.3544	-0.02020
188	29	1300	545.394	0.5488	71.5984	90.20	0.3543	-0.02728
189	29	1315	545.387	0.5480	71.5932	90.09	0.3543	-0.02087
190	29	1330	545.393	0.5478	71.5879	90.03	0.3543	-0.02127
191	29	1345	545.392	0.5485	71.5816	90.14	0.3543	-0.02521
192	29	1400	545.392	0.5476	71.5764	90.01	0.3542	-0.02078
193	29	1415	545.392	0.5476	71.5704	90.00	0.3542	-0.02368
194	29	1430	545.411	0.5479	71.5649	90.00	0.3542	-0.02228

```

*****
SENSOR LIST
*****
RECORD NUMBER - 178          DATE - 0/29          TIME - 10:30: 0

PRESSURES      72.2104      72.208      AVG -      72.2092
RTD/S
  1  89.615      2  89.615      3  90.124      4  85.683
  5  89.238      6  88.152      7  90.464      8  88.247
  9  87.520     10  87.445     11  85.977     12  92.074
 13  93.595     14  91.895     15  94.902     16  95.303
 17  94.524     18  95.397     19  92.269     20  90.913
 21  80.964     22  80.964     23  80.446     24  80.846
 25  80.728     26  80.987     INACT 80.728     INACT 0.000
INACT 0.000     INACT 0.000     INACT 0.000     INACT 0.000
INACT 0.000     INACT 0.000     INACT 0.000     INACT 0.000
INACT 0.000     INACT 0.000     INACT 0.000     INACT 0.000
AVG  85.713
DEW CELLS
  1  83.467     INACT 44.512      3  82.480      4  84.690
INACT 80.596     INACT 79.385      7  80.846      8  80.964
INACT 0.000     INACT 0.000     INACT 0.000     INACT 0.000
INACT 0.000     INACT 0.000     INACT 0.000     AVG  82.475
AMBIENT PRESS - 14.23846      VAPOR PRESS - .5494713
DRY PRESSURE - 71.65973
FLOWS - 5.1449      0      AVG  5.1449

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*****
SENSOR LIST
*****
RECORD NUMBER - 179          DATE - 0/29          TIME - 10:45: 0

PRESSURES      72.204      72.2008      AVG -      72.2024
RTD/S
  1  89.591      2  89.615      3  90.148      4  85.706
  5  89.238      6  88.152      7  90.464      8  88.223
  9  87.520     10  87.445     11  85.977     12  92.074
 13  93.595     14  91.895     15  94.831     16  95.350
 17  94.500     18  95.397     19  92.269     20  91.008
 21  80.987     22  80.917     23  80.469     24  80.870
 25  80.728     26  80.964     INACT 80.728     INACT 0.000
INACT 0.000     INACT 0.000     INACT 0.000     INACT 0.000
INACT 0.000     INACT 0.000     INACT 0.000     INACT 0.000
INACT 0.000     INACT 0.000     INACT 0.000     INACT 0.000
AVG  85.714
DEW CELLS
  1  83.447     INACT 44.541      3  82.510      4  84.666
INACT 80.020     INACT 79.395      7  80.870      8  80.987
INACT 0.000     INACT 0.000     INACT 0.000     INACT 0.000
INACT 0.000     INACT 0.000     INACT 0.000     AVG  82.479
AMBIENT PRESS - 14.23547      VAPOR PRESS - .5495458
DRY PRESSURE - 71.65286
FLOWS - 5.1465      0      AVG  5.1465

```


***** SENSOR LIST *****
 RECORD NUMBER - 180 DATE - 0/29 TIME - 11: 0: 0

PRESSURES	72.1976	72.1944	AVG -	72.196
RTD/S				
1	89.591	2 89.615	3 90.148	4 85.706
5	89.238	6 88.152	7 90.464	8 88.247
9	87.520	10 87.445	11 85.957	12 92.074
13	93.595	14 91.895	15 94.902	16 95.303
17	94.618	18 95.397	19 92.316	20 90.818
21	80.964	22 80.964	23 80.446	24 80.870
25	80.705	26 80.987	INACT 80.705	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
AVG	85.713			
DEW CELLS				
1	83.594	INACT 44.512	3 82.432	4 84.666
INACT	79.932	INACT 79.395	7 80.870	8 80.964
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	AVG 82.497
AMBIENT PRESS	- 14.23247		VAPOR PRESS -	.5498706
DRY PRESSURE	- 71.64613			
FLOWS	- 5.1481	0	AVG	5.1481

***** SENSOR LIST *****
 RECORD NUMBER - 181 DATE - 0/29 TIME - 11:15: 0

PRESSURES	72.1912	72.188	AVG -	72.18961
RTD/S				
1	89.615	2 89.615	3 90.148	4 85.659
5	89.238	6 88.129	7 90.464	8 88.247
9	87.520	10 87.445	11 85.977	12 92.074
13	93.595	14 91.895	15 94.949	16 95.327
17	94.429	18 95.374	19 92.269	20 90.960
21	80.964	22 80.940	23 80.422	24 80.846
25	80.705	26 80.987	INACT 80.705	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
AVG	85.707			
DEW CELLS				
1	83.545	INACT 44.600	3 82.480	4 84.558
INACT	79.844	INACT 79.463	7 80.846	8 80.964
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	AVG 82.463
AMBIENT PRESS	- 14.23183		VAPOR PRESS -	.5492578
DRY PRESSURE	- 71.64035			
FLOWS	- 5.1465	0	AVG	5.1465

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*****
SENSOR LIST
RECORD NUMBER - 182          DATE - 0/29          TIME - 11:30: 0

PRESSURES          72.1848          72.1824          AVG -          72.1836
RTD/S
1    89.615          2    89.638          3    90.124          4    85.730
5    89.238          6    88.152          7    90.464          8    88.270
9    87.520          10   87.445          11   85.977          12   92.074
13   93.595          14   91.895          15   94.854          16   95.303
17   94.500          18   95.374          19   92.269          20   90.960
21   80.940          22   80.917          23   80.446          24   80.846
25   80.705          26   80.964          INACT 80.705          INACT 0.000
INACT 0.000          INACT 0.000          INACT 0.000          INACT 0.000
INACT 0.000          INACT 0.000          INACT 0.000          INACT 0.000
INACT 0.000          INACT 0.000          INACT 0.000          INACT 0.000
AVG    85.707
DEW CELLS
1    83.623          INACT 44.580          3    82.451          4    84.618
INACT 79.873          INACT 79.404          7    80.846          8    80.940
INACT 0.000          INACT 0.000          INACT 0.000          INACT 0.000
INACT 0.000          INACT 0.000          INACT 0.000          AVG    82.485
AMBIENT PRESS - 14.22884          VAPOR PRESS - .5496463
DRY PRESSURE - 71.63396
FLOWS - 5.1449          0    AVG    5.1449

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*****
SENSOR LIST
RECORD NUMBER - 183          DATE - 0/29          TIME - 11:45: 0

PRESSURES          72.1784          72.176          AVG -          72.1772
RTD/S
1    89.615          2    89.615          3    90.148          4    85.683
5    89.261          6    88.152          7    90.488          8    88.247
9    87.520          10   87.445          11   85.996          12   92.074
13   93.595          14   91.895          15   94.854          16   95.256
17   94.548          18   95.397          19   92.269          20   90.865
21   80.940          22   80.917          23   80.422          24   80.846
25   80.705          26   80.964          INACT 80.705          INACT 0.000
INACT 0.000          INACT 0.000          INACT 0.000          INACT 0.000
INACT 0.000          INACT 0.000          INACT 0.000          INACT 0.000
INACT 0.000          INACT 0.000          INACT 0.000          INACT 0.000
AVG    85.703
DEW CELLS
1    83.652          INACT 44.648          3    82.451          4    84.545
INACT 80.459          INACT 79.287          7    80.846          8    80.940
INACT 0.000          INACT 0.000          INACT 0.000          INACT 0.000
INACT 0.000          INACT 0.000          INACT 0.000          AVG    82.475
AMBIENT PRESS - 14.22947          VAPOR PRESS - .5494778
DRY PRESSURE - 71.62772
FLOWS - 5.1465          0    AVG    5.1465

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*****
RECORD NUMBER - 184          SENSOR LIST          *****
                              DATE - 0/29              TIME - 12: 0: 0

PRESSURES      72.1728      72.1696      AVG -      72.1712
RTD/S
  1  89.615      2  89.638      3  90.124      4  85.706
  5  89.238      6  88.152      7  90.488      8  88.247
  9  87.520     10  87.445     11  85.996     12  92.074
 13  93.595     14  91.895     15  94.902     16  95.280
 17  94.477     18  95.374     19  92.269     20  90.960
 21  80.964     22  80.917     23  80.422     24  80.846
 25  80.681     26  80.987     INACT 80.681     INACT  0.000
INACT 0.000     INACT 0.000     INACT 0.000     INACT 0.000
INACT 0.000     INACT 0.000     INACT 0.000     INACT 0.000
INACT 0.000     INACT 0.000     INACT 0.000     INACT 0.000
AVG      85.707
DEW CELLS
  1  83.750     INACT 44.561      3  82.139      4  84.533
INACT 79.961     INACT 79.355      7  80.846      8  80.964
INACT 0.000     INACT 0.000     INACT 0.000     INACT 0.000
INACT 0.000     INACT 0.000     INACT 0.000     AVG      82.465
AMBIENT PRESS - 14.22707      VAPOR PRESS - .5492972
DRY PRESSURE - 71.62191
FLOWS - 5.1449      0      AVG 5.1449

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*****
RECORD NUMBER - 185          SENSOR LIST          *****
                              DATE - 0/29              TIME - 12:15: 0

PRESSURES      72.1664      72.164      AVG -      72.1652
RTD/S
  1  89.615      2  89.615      3  90.148      4  85.659
  5  89.238      6  88.152      7  90.488      8  88.247
  9  87.520     10  87.421     11  85.996     12  92.074
 13  93.685     14  91.895     15  94.854     16  95.327
 17  94.477     18  95.374     19  92.223     20  91.055
 21  80.964     22  80.940     23  80.422     24  80.823
 25  80.728     26  80.987     INACT 80.728     INACT  0.000
INACT 0.000     INACT 0.000     INACT 0.000     INACT 0.000
INACT 0.000     INACT 0.000     INACT 0.000     INACT 0.000
INACT 0.000     INACT 0.000     INACT 0.000     INACT 0.000
AVG      85.710
DEW CELLS
  1  83.975     INACT 44.766      3  81.309      4  84.497
INACT 79.570     INACT 79.473      7  80.823      8  80.964
INACT 0.000     INACT 0.000     INACT 0.000     INACT 0.000
INACT 0.000     INACT 0.000     INACT 0.000     AVG      82.410
AMBIENT PRESS - 14.22466      VAPOR PRESS - .5483213
DRY PRESSURE - 71.61686
FLOWS - 5.2214      0      AVG 5.2214

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***** SENSOR LIST *****
 RECORD NUMBER - 186 DATE - 0/29 TIME - 12:30: 0

PRESSURES	72.1608	72.1584	AVG -	72.1596
RTD/S				
1	89.638	2 89.638	3 90.148	4 85.730
5	89.261	6 88.152	7 90.464	8 88.247
9	87.520	10 87.445	11 85.996	12 92.074
13	93.595	14 91.895	15 94.854	16 95.327
17	94.429	18 95.374	19 92.316	20 90.960
21	80.940	22 80.893	23 80.422	24 80.823
25	80.681	26 80.964	INACT 80.681	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
AVG	85.702			
DEW CELLS				
1	83.867	INACT 44.600	3 82.070	4 84.509
INACT	80.469	INACT 79.316	7 80.823	8 80.940
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	AVG 82.467
AMBIENT PRESS	- 14.22166	VAPOR PRESS	- .5493379	
DRY PRESSURE	- 71.61026			
FLOWS	- 5.2197	0	AVG 5.2197	

***** SENSOR LIST *****
 RECORD NUMBER - 187 DATE - 0/29 TIME - 12:45: 0

PRESSURES	72.1544	72.152	AVG -	72.1532
RTD/S				
1	89.615	2 89.638	3 90.148	4 85.683
5	89.261	6 88.152	7 90.488	8 88.247
9	87.520	10 87.445	11 85.996	12 92.074
13	93.685	14 91.895	15 94.854	16 95.303
17	94.548	18 95.350	19 92.316	20 91.055
21	80.940	22 80.917	23 80.399	24 80.823
25	80.705	26 80.964	INACT 80.705	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
AVG	85.707			
DEW CELLS				
1	83.965	INACT 44.893	3 81.279	4 84.461
INACT	79.912	INACT 79.404	7 80.823	8 80.940
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	AVG 82.391
AMBIENT PRESS	- 14.22166	VAPOR PRESS	- .5479915	
DRY PRESSURE	- 71.60521			
FLOWS	- 5.2246	0	AVG 5.2246	

 RECORD NUMBER - 188 SENSOR LIST DATE - 0/29 TIME - 13: 0: 0

PRESSURES	72.1488	72.1456	AVG -	72.1472
RTD/S				
1	89.662	2 89.638	3 90.148	4 85.754
5	89.261	6 88.176	7 90.511	8 88.270
9	87.520	10 87.445	11 85.977	12 92.163
13	93.685	14 91.895	15 94.878	16 95.303
17	94.548	18 95.397	19 92.316	20 91.055
21	80.964	22 80.917	23 80.422	24 80.870
25	80.705	26 80.964	INACT 80.705	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
AVG	85.724			
DEW CELLS				
1	83.984	INACT 44.863	3 81.445	4 84.497
INACT	79.893	INACT 79.414	7 80.870	8 80.964
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	AVG 82.437
AMBIENT PRESS	- 14.22108		VAPOR PRESS - .5488129	
DRY PRESSURE	- 71.59839			
FLWS	- 5.2262	0	AVG 5.2262	

 RECORD NUMBER - 189 SENSOR LIST DATE - 0/29 TIME - 13:15: 0

PRESSURES	72.1424	72.14	AVG -	72.14121
RTD/S				
1	89.638	2 89.638	3 90.171	4 85.730
5	89.261	6 88.176	7 90.511	8 88.270
9	87.520	10 87.445	11 85.977	12 92.074
13	93.685	14 91.895	15 94.925	16 95.303
17	94.453	18 95.374	19 92.410	20 90.960
21	80.940	22 80.917	23 80.422	24 80.846
25	80.705	26 80.987	INACT 80.705	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
AVG	85.717			
DEW CELLS				
1	83.867	INACT 44.893	3 81.328	4 84.521
INACT	79.775	INACT 79.424	7 80.846	8 80.940
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	AVG 82.393
AMBIENT PRESS	- 14.21985		VAPOR PRESS - .548036	
DRY PRESSURE	- 71.59317			
FLWS	- 5.2246	0	AVG 5.2246	

***** SENSOR LIST *****
 RECORD NUMBER - 190 DATE - 0/29 TIME - 13:30: 0

PRESSURES	72.1368	72.1344	AVG -	72.13561
RTD/S				
1	89.638	2 89.638	3 90.171	4 85.706
5	89.261	6 88.152	7 90.511	8 88.223
9	87.520	10 87.492	11 85.977	12 92.074
13	93.685	14 91.895	15 94.925	16 95.327
17	94.595	18 95.374	19 92.410	20 91.151
21	80.940	22 80.917	23 80.422	24 80.870
25	80.705	26 80.987	INACT 80.705	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
AVG	85.723			
DEW CELLS				
1	83.916	INACT 44.932	3 81.230	4 84.425
INACT	79.766	INACT 79.385	7 80.870	8 80.940
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	AVG 82.378
AMBIENT PRESS	- 14.21867		VAPOR PRESS - .5477542	
DRY PRESSURE	- 71.58785			
FLWS	- 5.2262	0	AVG 5.2262	

***** SENSOR LIST *****
 RECORD NUMBER - 191 DATE - 0/29 TIME - 13:45: 0

PRESSURES	72.1312	72.1288	AVG -	72.13001
RTD/S				
1	89.638	2 89.662	3 90.171	4 85.706
5	89.238	6 88.176	7 90.511	8 88.270
9	87.520	10 87.469	11 85.996	12 92.163
13	93.685	14 91.895	15 94.973	16 95.303
17	94.524	18 95.350	19 92.410	20 91.151
21	80.940	22 80.917	23 80.399	24 80.846
25	80.681	26 80.987	INACT 80.681	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
AVG	85.722			
DEW CELLS				
1	83.691	INACT 44.941	3 82.090	4 84.425
INACT	79.873	INACT 79.434	7 80.846	8 80.940
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	AVG 82.417
AMBIENT PRESS	- 14.21508		VAPOR PRESS - .5484569	
DRY PRESSURE	- 71.58155			
FLWS	- 5.2246	0	AVG 5.2246	

 RECORD NUMBER - 192

SENSOR LIST
 DATE - 0/29

 TIME - 14: 0: 0

PRESSURES	72.1256	72.1224	AVG -	72.124
RTD/S				
1	89.638	2 89.662	3 90.195	4 85.730
5	89.261	6 88.152	7 90.511	8 88.247
9	87.520	10 87.445	11 85.996	12 92.163
13	93.685	14 91.895	15 94.902	16 95.303
17	94.571	18 95.374	19 92.456	20 91.008
21	80.964	22 80.893	23 80.422	24 80.846
25	80.705	26 80.964	INACT 80.705	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
AVG	85.722			
DEW CELLS				
1	83.369	INACT 45.186	3 82.412	4 84.352
INACT	79.883	INACT 79.385	7 80.846	8 80.964
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	AVG 82.371
AMBIENT PRESS	- 14.21204		VAPOR PRESS - .5476428	
DRY PRESSURE	- 71.57636			
FLWS	- 5.2246	0	AVG 5.2246	

 RECORD NUMBER - 193

SENSOR LIST
 DATE - 0/29

 TIME - 14:15: 0

PRESSURES	72.1192	72.1168	AVG -	72.118
RTD/S				
1	89.638	2 89.662	3 90.171	4 85.706
5	89.285	6 88.152	7 90.511	8 88.247
9	87.520	10 87.469	11 85.996	12 92.163
13	93.685	14 91.895	15 94.878	16 95.327
17	94.500	18 95.445	19 92.456	20 91.008
21	80.964	22 80.917	23 80.422	24 80.823
25	80.681	26 80.987	INACT 80.681	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
AVG	85.722			
DEW CELLS				
1	83.447	INACT 45.244	3 82.236	4 84.364
INACT	79.785	INACT 79.404	7 80.823	8 80.964
INACT	0.000	INACT 0.000	INACT 0.000	INACT 0.000
INACT	0.000	INACT 0.000	INACT 0.000	AVG 82.366
AMBIENT PRESS	- 14.20904		VAPOR PRESS - .5475585	
DRY PRESSURE	- 71.57044			
FLWS	- 5.2279	0	AVG 5.2279	


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*****
RECORD NUMBER - 194          SENSOR LIST          *****
                              DATE - 0/29              TIME - 14:30: 0

PRESSURES      72.1144      72.1112      AVG -      72.1128
RTD/S
  1  89.638      2  89.662      3  90.171      4  85.706
  5  89.285      6  88.176      7  90.511      8  88.247
  9  87.520     10  87.469     11  86.016     12  92.163
 13  93.774     14  91.895     15  94.973     16  95.374
 17  94.618     18  95.374     19  92.456     20  91.198
 21  80.987     22  80.917     23  80.422     24  80.846
 25  80.728     26  81.011     INACT 80.728     INACT 0.000
INACT 0.000     INACT 0.000     INACT 0.000     INACT 0.000
INACT 0.000     INACT 0.000     INACT 0.000     INACT 0.000
INACT 0.000     INACT 0.000     INACT 0.000     INACT 0.000
AVG  85.741
DEW CELLS
  1  83.350     INACT 45.273      3  82.480      4  84.388
INACT 79.766     INACT 79.424      7  80.846      8  80.987
INACT 0.000     INACT 0.000     INACT 0.000     INACT 0.000
INACT 0.000     INACT 0.000     INACT 0.000     AVG  82.388
AMBIENT PRESS - 14.20727      VAPOR PRESS - .5479341
DRY PRESSURE  - 71.56487
FLOWS         - 5.2246      0      AVG  5.2246

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TYPE A TEST RESULTS

TOTAL TIME

Least Squares Fit Leak Rate (Lam)	.24100 % Wt/Day
95% Upper Confidence Level Leak Rate	.25104 % Wt/Day
LLRT (Type B & C) As Found Adjustments	.26846 % Wt/Day
Other Adjustments (Drywell Vent Monitor)	.08439 % Wt/Day

MASS POINT

Least Squares Fit Leak Rate (Lam)	.25664 % Wt/Day
95% Upper Confidence Level Leak Rate	.26020 % Wt/Day
LLRT (Type B & C) As Found Adjustments	.26846 % Wt/Day
Other Adjustments (Drywell Vent Monitor)	.08439 % Wt/Day

VERIFICATION TEST RESULTS

TOTAL TIME

Superimposed Leakage Rate (Lo)	.6584	lWt/Day
LSF Leak Rate - Type A Test (Lam)	.2410	lWt/Day
.25 La	.15875	lWt/Day
LSF Leak Rate During Verification Test (Lc)	.7943	lWt/Day

$$(Lo + Lam - .25 La) \leq Lc \leq (Lo + Lam + .25 La)$$

$$(.6584 + .2410 - .15875) \leq .7943 \leq (.6584 + .2410 + .15875)$$

$$.74065 \leq .7943 \leq 1.05815$$

MASS POINT

Superimposed Leakage Rate (Lo)	.6584	lWt/Day
LSF Leak Rate - Type A Test (Lam)	.25664	lWt/Day
.25 La	.15875	lWt/Day
LSF Leak Rate During Verification Test (Lc)	.8105	lWt/Day

$$(Lo + Lam - .25 La) \leq Lc \leq (Lo + Lam + .25 La)$$

$$(.6584 + .25664 - .15875) \leq .8105 \leq (.6584 + .25664 + .15875)$$

$$.75629 \leq .8105 \leq 1.07379$$

1986 - 1988 LLRT DATA

Type C

<u>PEN. NO.</u>	<u>DESCRIPTION</u>	<u>YEAR</u>	<u>AS FOUND SCFH</u>	<u>AS LEFT SCFH</u>	<u>CORR. OR PREV. MAINTENANCE</u>
X-7A	Main Steam Isol. Valves - Line A	1986	2.34		
		1988	10.86		
X-7B	Main Steam Isol. Valves - Line B	1986	2.45		
		1988	6.54		
X-7C	Main Steam Isol. Valves - Line C	1986	5.82		
		1988	8.42		
X-7D	Main Steam Isol. Valves - Line D	1986	2.38		
		1988	6.77		
X-8	Main Steam Lines Drain	1986	14.70	0.07	Inb - Replaced Stem Outb - Cleaned Disc
		1988	1.91	5.21	Inb - Replaced MO Outb - Replaced MO
X-9A	Rx FW Check Line A - Inb	1986	468.24	0.80	Replaced Soft Seat
		1988	12.26	0	Replaced Soft Seat
X-9A	Rx FW Check Line A - Outb	1986	90.03	0	Replaced Soft Seat
		1988	98.41	7.78	Replaced Soft Seat
X-9B	Rx FW Check Line B - Inb	1986	1966.88	0.86	Replaced Soft Seat
		1988	49.56	0	Replaced Soft Seat
X-9B	Rx FW Check Line B - Outb	1986	222.72	3.70	Replaced Soft Seat
		1988	4.30	3.35	Replaced Soft Seat
X-10	RCIC Turbine Steam Supply	1986	25.98	0.29	Inb & Outb - Lapped Seats
		1988	2.53	3.87	Outb - Replaced MO
X-11	HPCI Turbine Steam Supply	1986	0.49		
		1988	2.71	0	Outb - Replaced Valve Stem

1986 -1988 LLRT DATA

Type C (Cont.)

<u>PEN. NO.</u>	<u>DESCRIPTION</u>	<u>YEAR</u>	<u>AS FOUND SCFH</u>	<u>AS LEFT SCFH</u>	<u>CORR. OR PREV. MAINTENANCE</u>
X-12	RHR Shutdown Cooling Supply	1986 1988	3.66 5.62		
X-13A	RHR Loop A Injection	1986 1988	7.26 99.63	11.87	Inb - Repaired Valve Bonnet
X-13B	RHR Loop B Injection	1986 1988	0 0.51		
X-14	RWCU Supply	1986 1988	2.77 1.70	0.79	Inb - Replaced Valve
X-16A	CS Loop A Injection	1986 1988	0 0		
X-16B	CS Loop B Injection	1986 1988	0 0.16		
X-18	Drywell Equip Drain Sump Disch	1986 1988	0.34 0.09		
X-19	Drywell Floor Drain Sump Disch	1986 1988	0.08 0.05		
X-25	Drywell Purge & Vent Supply	1986 1988	7.36 1.11	1.73 0	Inb & Outb - Re- placed Seat Rings Inb - Replaced MO Gears and Seat Ring
X-25	ACAD System A to Drywell	1986 1988	0 0.01		
X-26	Drywell Purge & Vent Exhaust	1986 1988	7.32 45.98	3.23 16.06	Inb & Outb - Re- placed Seat Rings Inb - Replace MO Gears & Seat Ring Outb - Replace Seat Ring Byp - Adj Packing

1986 - 1988 LLRT DATA

Type C (Cont.)

<u>PEN. NO.</u>	<u>DESCRIPTION</u>	<u>YEAR</u>	<u>AS FOUND SCFH</u>	<u>AS LEFT SCFH</u>	<u>CORR. OR PREV. MAINTENANCE</u>
X-39A	Drywell Spray Loop A	1986 1988	0 0.55		
X-39B	Drywell Spray Loop B	1986 1988	0 0		
X-39B	ACAD System B to Drywell	1986 1988	0.12 0.28		
X-41	Rx Water Sample	1986 1988	0.01 0		
X-42	SLC Injection	1986 1988	0.20 0		
X-205	Torus Purge & Vent Supply	1986 1988	3.46 0.40	1.45 0.58	Inb & Outb - Replaced Seats Inb - Replaced Seat & MO Gears
X-205	Torus Vacuum Relief	1986 1988	1.20 27.51	6.15 1.62	Inb - Replaced Seat Inb - Replaced Seat
X-205	Torus Vacuum Relief	1986 1988	10.70 1.32	3.05 2.31	Inb - Replaced Seat Inb - Replaced Seat
X-205	ACAD System A to Torus	1986 1988	0 0.03		
X-210A	RCIC Minimum Flow	1986 1988	0.52 0.60	0.23 0.20	Inb - Adj Torque Sw Inb - Replaced MO Spring Pack
X-210A	RHR Hx A Drain to Torus	1986 1988	0 0.01		
X-210A	RHR Loop A Minimum Flow	1986 1988	0 0		
X-210B	HPCI Minimum Flow	1986 1988	0.09 6.13	0.02	Inb - Inspected Bonnet & Stem

1986 - 1988 LLRT DATA

Type C

<u>PEN. NO.</u>	<u>DESCRIPTION</u>	<u>YEAR</u>	<u>AS FOUND SCFH</u>	<u>AS LEFT SCFH</u>	<u>CORR. OR PREV. MAINTENANCE</u>
X-210B	RHR Hx B Drain to Torus	1986 1988	0.31 11.05		
				0.23	Lapped Disc & Seat
X-210F	RHR Loop B Minimum Flow	1986 1988	23.61 0.17	0.19	Inb - Lined up Gate to Body Match Marks
X-210A	RHR Loop A to Torus	1986 1988	0.05 0		
X-211A				0.69	Inb - Replaced Mtr on MO
X-210A	RHR Loop B to Torus	1986 1988	0 0.80		
X-210B				0	Inb - Replaced Mtr on MO
X-211B	ACAD System B to Torus	1986 1988	0.19 4.38		
				0.05	Inb - Cleaned Disc and Seat
X-212	RCIC Turbine Exhaust	1986 1988	3.75 9.47	1.54	Outb - Lapped Seat
				2.93	Inb - Replaced Bonnet Gasket
X-214	HPCI Turbine Exhaust	1986 1988	1.87 0		
X-214	RHR Hx A Vent	1986 1988	0 3.03		
				0.06	Replaced Torque Switches in MOs
X-214	RHR Hx B Vent	1986 1988	0 0		
				0	Replaced Torque Switches in MOs
X-214	HPCI Turbine Exhaust Drain	1986 1988	0.33 0.02	0.01	Replaced Seal Kits
X-220	Torus Purge & Vent Exhaust	1986 1988	59.17 7.14	8.93	Replaced Seat Rings
				0.36	Inb - Replaced MO Gears & Seat Ring
X-221	RCIC Vac Pump Disch to Torus	1986 1988	0.07 0.18		

1986 - 1988 LLRT DATA

Type C (Cont.)

<u>PEN. NO.</u>	<u>DESCRIPTION</u>	<u>YEAR</u>	<u>AS FOUND SCFH</u>	<u>AS LEFT SCFH</u>	<u>CORR. OR PREV. MAINTENANCE</u>
X-222	HPCI Turbine Drain to Torus	1986 1988	0.08 0.08		
X-223A	CS Loop A Test	1986 1988	0.52 1.07	1.11	Replaced MO
X-223A	CS Loop A Minimum Flow	1986 1988	0.52 0.04	0.35	Replaced MO & Lapped Seat
X-223B	CS Loop B Test	1986 1988	0.13 0.28	0.92	Replaced MO
X-224	RCIC Suction	1986 1988	0.16 0.10		
X-225A	RHR Pump A Suction	1986 1988	0 0.59		
X-225B	RHR Pump C Suction	1986 1988	4.04 0.78		
X-225C	RHR Pump B Suction	1986 1988	0 0		
X-225D	RHR Pump D Suction	1986 1988	0.27 0		
X-226	HPCI Suction	1986 1988	346.73 0	0.61 0.85	Lapped Seats & Gate Replaced Torque Switch
X-227A	CS Loop A Suction	1986 1988	0.35 0.49	2.58	Replaced MO
X-227B	CS Loop B Suction	1986 1988	0.57 0.15	0.50	Replaced MO

1986 - 1988 LLRT DATA

Type B

<u>PEN. NO.</u>	<u>DESCRIPTION</u>	<u>YEAR</u>	<u>AS FOUND SCFH</u>	<u>AS LEFT SCFH</u>	<u>CORR. OR PREV. MAINTENANCE</u>
X-1A	NE Drywell Equip Hatch	1986	0.02		
		1988	0		
X-1B	SW Drywell Equip Hatch	1986	0		
		1988	0		
X-2	Drywell Airlock	1986	30.11	3.76	Adj Handwheel Seals
		1988	7.44		
X-4	Drywell Head Access Hatch	1986	0.01		
		1988	0		
X-6	CRD Removal Hatch	1986	0.01		
		1988	0		
X-7A	MS Line A Expan- sion Bellows	1986	0		
		1988	1.58		
X-7B	MS Line B Expan- sion Bellows	1986	0		
		1988	1.08		
X-7C	MS Line C Expan- sion Bellows	1986	0		
		1988	1.18		
X-7D	MS Line D Expan- sion Bellows	1986	0		
		1988	1.47		
X-9A	RF Line A Expan- sion Bellows	1986	0		
		1988	0.69		
X-9B	RF Line B Expan- sion Bellows	1986	0		
		1988	0		
X-35A	TIP D	1986	0		
		1988	0		
X-35B	TIP A	1986	0		
		1988	0		

1986 - 1988 LLRT DATA

Type B (cont.)

<u>PEN. NO.</u>	<u>DESCRIPTION</u>	<u>YEAR</u>	<u>AS FOUND SCFH</u>	<u>AS LEFT SCFH</u>	<u>CORR. OR PREV. MAINTENANCE</u>
X-35C	TIP C	1986	0		
		1988	0		
X-35D	TIP B	1986	0		
		1988	0		
X-35E	TIP Nitrogen Purge	1986	0		
		1988	0		
X-100A	Low Voltage Power	1986	0.08		
		1988	0		
X-100E	Thermocouples	1986	0		
		1988	0		
X-100F	Neutron Moni- toring	1986	0		
		1988	0		
X-100G	Low Voltage Power	1986	0		
		1988	0		
X-100H	Low Voltage Power	1986	0		
		1988	0		
X-101A	Medium Voltage Power	1986	0.04		
		1988	0.05		
X-101B	Neutron Moni- toring	1986	0		
		1988	0		
X-101C	Medium Voltage Power	1986	0		
		1988	0.03		
X-101D	Medium Voltage Power	1986	0		
		1988	0		
X-101F	Medium Voltage Power	1986	0		
		1988	0		

1986 - 1988 LLRT DATA

Type B (cont.)

<u>PEN. NO.</u>	<u>DESCRIPTION</u>	<u>YEAR</u>	<u>AS FOUND SCFH</u>	<u>AS LEFT SCFH</u>	<u>CORR. OR PREV. MAINTENANCE</u>
X-102	Low Voltage Power	1986 1988	0.05 0.05		
X-103	Neutron Moni- toring	1986 1988	0 0		
X-104A	Instrumentation & Control	1986 1988	0 0		
X-104B	Instrumentation & Control	1986 1988	0 0		
X-104D	Instrumentation & Control	1986 1988	0.32 0.04	0	Repaired Cracks
X-104E	Instrumentation & Control	1986 1988	1.32 0.02	0	Repaired Cracks
X-105A	Low Voltage Power	1986 1988	0 0		
X-105D	Medium Voltage Power	1986 1988	0 0		
X-106	Neutron Moni- toring	1986 1988	0 0.02		
X-230	Low Voltage Power	1986 1988	0 0		
X-200A	NW Torus Access Hatch	1986 1988	0 0		
X-200B	SE Torus Access Hatch	1986 1988	0.03 0		
X-213B	Torus Drain Flange	1986 1988	0 0		

1986 - 1988 LLRT DATA

Type B (cont.)

<u>PEN. NO.</u>	<u>DESCRIPTION</u>	<u>YEAR</u>	<u>AS FOUND SCFH</u>	<u>AS LEFT SCFH</u>	<u>CORR. OF PREV. MAINTENANCE</u>
DWH	Drywell Head	1986 1988	0.03 0		
SIP1	Stabilizer In- spection Port 1	1986 1988	0.40 0	0	Replaced Gasket
SIP2	Stabilizer In- spection Port 2	1986 1988	0.16 0	0	Replaced Gasket
SIP3	Stabilizer In- spection Port 3	1986 1988	0.52 0	0	Replaced Gasket
SIP4	Stabilizer In- spection Port 4	1986 1988	0.90 0	0	Replaced Gasket
SIP5	Stabilizer In- spection Port 5	1986 1988	0 0	0	Replaced Gasket
SIP6	Stabilizer In- spection Port 6	1986 1988	0.23 0	0	Replaced Gasket
SIP7	Stabilizer In- spection Port 7	1986 1988	0 0	0	Replaced Gasket
SIP8	Stabilizer In- spection Port 8	1986 1988	0.22 0	0	Replaced Gasket

1988 LLRT ADJUSTMENTS TO ILRT

<u>PEN. NO.</u>	<u>AS FOUND MIN. PATH. SCFH</u>	<u>POST REPAIR MIN. PATH. SCFH</u>	<u>DIFFERENCE</u>
X-8	0.96	2.61	-1.65
X-9A	12.26	0	12.26
X-9B	4.30	0	4.30
X-10	1.27	1.94	-0.67
X-11	1.36	0	1.36
X-13A	11.87	5.94	5.93
X-25	0.56	0	0.56
X-26	18.63	8.03	10.60
X-205	0.20	0.29	-0.09
X-205	7.40	0.81	6.59
X-205	0.66	1.16	-0.50
X-210A	0.30	0.10	0.20
X-210B	0.07	0.01	0.06
X-210B	11.05	0.23	10.82
X-210A & X-211A	0	0.35	-0.35
X-210B & X-211B	0.40	0	0.40
X-211B	0	0.03	-0.03
X-212	2.93	1.47	1.46
X-214	0.02	0.03	-0.01

1988 LLRT ADJUSTMENTS TO ILRT

<u>PEN. NO.</u>	<u>AS FOUND MIN. PATH. SCFH</u>	<u>POST REPAIR M. PATH. SCFH</u>	<u>DIFFERENCE</u>
X-214	0	0	0
X-220	3.57	0.18	3.39
X-223B	81.00	1.18	79.82
X-226	0	0.85	-0.85
<hr/>			
TOTAL	158.81	25.21	133.60

$33.60 \times 24 \text{ hrs/day} \times .075188 \text{ lbs/scf} = 241.08 \text{ lbs/day}$

$241.08 \text{ lbs/day} / 89,802.39 \text{ lbs (containment air mass)} =$

$.26846 \% \text{ wt/day}$