R. E. GINNA

NUCLEAR POWER PLANT

REACTOR CONTAINMENT BUILDING
INTEGRATED LEAKAGE RATE TEST

MARCH 1986

ROCHESTER GAS AND ELECTRIC CORPORATION

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1.0 SYNOPSIS

The R. E. Ginna Nuclear Power Plant reactor containment building was subjected to periodic integrated leakage rate test (ILRT) during the period from March 8, 1986 to March 11, 1986. The purpose of this test was to demonstrate the acceptability of the building leakage rate at an internal pressure of 35 psig (Pt). Testing was performed in accordance with the requirements of 10 CFR 50, Appendix J, ANSI N45.4- 1972 and R. E. Ginna Technical Specifications. In addition, the recommendations of ANSI/ANS 56.8 - 1981 were considered where appropriate for reduced pressure testing.

The calculated leakage rate based on the mass point method of analysis was found to be 0.06216%/day with an associated 95% confidence interval of 0.06407%/day. The post test repair leakage and local leakage from valves in service during the ILRT was 0.0000%/day. Thus, the combined leakage rate at the upper bound of the 95% confidence interval is 0.06407 percent by weight per day which is well below the acceptance criterion of 0.1146 percent by weight per day. The supplemental instrumentation verification at Pt demonstrated an agreement between calculated reactor containment building integrated leakage rates of 16.7 percent of Lt which is well within the 25% requirement of 10 CFR 50, Appendix J, Section III A.3.b.

All testing was performed by Rochester Gas and Electric Corporation with the technical assistance of Quadrex Energy Services Corporation.

2.0 INTRODUCTION

The objective of the periodic integrated leak rate test was the verification of the overall leak tightness of the reactor containment building at an internal pressure of 35 psig. The allowable leakage is defined by safety analyses and in accordance with the site exposure guidelines specified by 10 CFR 100. For R. E. Ginna Nuclear Power Plant, the maximum allowable integrated leakage rate at a pressure of 35 psig (Pt) is 0.1528 percent by weight per day (Lt).

Testing was performed in accordance with the procedural requirements as stated in R. E. Ginna Nuclear Power Plant Containment Integrated Leak Rate Test Procedures RSSP-6.0, 6.1, 6.2 and 6.3. These procedures were reviewed by the Plant Operations Review Committee and approved by the Plant Superintendent prior to the commencement of the test.

Leakage rate testing was accomplished at the pressure of 37.1 psig for a period of 24 hours, followed by a 4.5 hour supplemental test for a verification of test instrumentation.

3.0 GENERAL AND TECHNICAL DATA

3.1 GENERAL DATA

Owner:	Rochester Gas and Electric
Docket No.:	50-244
Location:	South shore of Lake Ontario, 16 miles east of Rochester, N. Y.
Containment Description:	Reinforced concrete vertical cylinder with pre-stressed tendons in the vertical wall, a reinforced concrete ring anchored to bedrock and a reinforced hemispherical dome.
NSSS Supplier:	Westinghouse

3.2 TECHNICAL DATA

Containment Net

Free Volume:	9.7×10^5 cubic feet
Design Pressure:	60 psig
Design Temperature:	286 deg F

3.3 Test Results -- ILRT Test

1. Test Method — Absolute
2. Data Analysis Technique — Mass Point
3. Test Pressure (At Completion) — 36.9731psig
4. Maximum Allowable Leakage Rate, La — 0.1528%/day
5. 75% of La (Operational Allowable) — 0.1146%/day
6. Integrated Leakage Rate Test Results

	Mass Point	Total Time	Allowable	Oper.
Type A LSF L.R.%/day	0.06216	0.0480	0.1528	0.1146
Type A UCL L.R.%/day	0.06407	0.08162	0.1528	0.1146

7. Imposed Verification Leakage Rate 0.1517%/day (3.703SCFM)
8. Verification Test Results

	Leakage Rate
Mass Point Analysis	0.1890%/day

9. Verification Test Limits

	Upper*	Lower*
Mass Point Analysis	0.25206%/day	0.17566%/day

*Upper Limit = Lo + Lam + 0.25 La
*Lower Limit = Lo + Lam - 0.25 La

10. Report Printouts

The report printouts and plots for the Type A and verification test calculations are provided in Appendices B-G.

4.0 ACCEPTANCE CRITERIA

Acceptance criteria established prior to the test and as specified by Ginna Plant Technical Specifications and an exemption to 10 CFR 50, Appendix J, dated March 28, 1978 are as follows:

a. The measured leakage rate (Lt) for reduced pressure testing at 35 psig (Pt) shall be less than 75 percent of the maximum allowable leakage rate (Lt) specified as 0.1528 percent by weight of the building atmosphere per day. The acceptance criteria is determined as follows:

$$Lt = La\,(Pt/Pa)^{1/2}$$

where

La = 0.2%/day
Pa = 60 psig
Pt = 35 psig

Substituting the values for La, Pa, and Pt,

Lt = 0.1528% per day
and .75 Lt = 0.1146% per day.

b. The test instrumentation shall be verified by means of a supplemental test. Agreement between the containment leakage measured during the Type A test and the containment leakage measured during the supplemental test shall be within 25 percent of Lt.

5.0 TEST INSTRUMENTATION

5.1 SUMMARY OF INSTRUMENTS

Test instruments employed are described, by system, in the following subsections. An instrumentation Selection Guide (ISG) formula, as discussed in Section 5.5 was calculated to be ±0.00702%/day.

5.1.1 Temperature Indicating System

Components:

a. Resistance Temperature Detectors (RTD sensors)

Quantity	24
Manufacturer	Leeds & Northrup
Type	100 ohm, copper
Range, deg F	-325 to 250
Accuracy, deg F	±0.1
Sensitivity, deg F	±0.1

b. Temperature Indicator

Quantity	1
Manufacturer	Fluke
Type	2280 B Datalogger
Range, ohms	0 - 256
Accuracy,	±0.0142%input
Repeatability,	±0.0037%input

5.1.2 Dewpoint Indicating System

Components:

a. Dewcell Elements

Quantity	6
Manufacturer	Foxboro
Type	Model 2711A
Range, deg F	0-100
Accuracy,deg F	±0.5

b. Dewpoint Indicator

Quantity	1
Manufacturer	Fluke
Type	2280 B Datalogger
Range, ohms	0 - 256
Accuracy,	±0.0142%input
Repeatability,	±0.0037%input

5.1.3 Pressure Monitoring System

Precision Pressure Gauges:

Quantity	2
Manufacturer	Texas Instruments
Type	Model 145
Range, psia	0-100
Accuracy, psia	±0.015% of indication
Sensor Sensitivity,	±0.001% of full scale psia
Repeatability, psia	±0.0003% of full scale

5.1.4 Supplemental Test Flow Monitoring System

Flowmeter:

Quantity	2
Manufacturer	Wallace & Tiernan
Type	Model 1855
Range, scfm	0-7 at 110 deg F
Accuracy	±1% of full scale

5.2 SCHEMATIC ARRANGEMENT

A mathematical model of the containment was developed using elevation and plan view construction drawings to define containment subvolumes boundaries. Subsequent to subvolume boundary definition, volume fractions were assigned to each subvolume in the containment. Sensors were then placed as near to the centroid of each subvolume as possible to detect changes in containment atmospheric conditions. Sensors were also placed with consideration given to air stratification, ventilation fans, and slight thermal updrafts caused by natural convection. This was especially true for those sensors in the containment where large open vertical spaces existed.

Sensor placement considered the three criteria (nearness to subvolume centroid, air stratification, and natural convection occurring in large open areas) and provided stable accurate representation of containment atmospheric conditions during the ILRT. All sensors were placed in accordance with the above considerations and operated without the disturbance yielding highly reliable test data.

The 24 temperature sensors and 6 dewcells were placed throughout the reactor containment volume to permit monitoring of internal temperature and dewpoint. A temperature survey was performed with the sensors installed which verified no large areas of temperature variation.

The table below indicates sensor location relative to volume fraction assignment. Placement of the temperature sensors and dewcells can be grouped into five elevations as follows:

Elevation	RTD's	RTD WTFAC (% each)	Dewcells	DCWTFAC (% each)
243'	6	.0203	1	.1215
261'	6	.0171	1	.1025
286'	3	.0865	2	.2358
301'	2	.0865	2	.1522
301'	1	.0389		
330'	6	.0507		

The two pressure gages were weighted at 50 % each.

5.3 CALIBRATION CHECKS

Temperature, dewpoint, pressure and flow measuring systems were checked for calibration before the test in accordance with RG&E procedures as required by ANSI N45.4-1972, Section 6.2 and 6.3. Results of the calibration and calibration checks are on file at R. E. Ginna Nuclear Power Plant. The supplemental test at 35 psig confirmed the instrumentation acceptability.

5.4 INSTRUMENTATION PERFORMANCE

The two TI pressure gauges, the twenty-four temperature sensors, six dewcells and rotameter performed satisfactorily during the integrated leakage rate test. The two pressure gauges had a slight servo drive oscillation and were operated manually rather than include the random instrument oscillation in the measurement error.

5.5 INSTRUMENT SELECTION GUIDE (ISG)

Justification of instrumentation selection was accomplished, using manufacturer's sensitivity, accuracy and repeatability tolerances stated in Section 4.1, by computing the ISG formula.

Utilizing the methods, techniques and assumptions in Appendix G to ANS 56.8-1981, the ISG formula was computed for the absolute method as follows:

a. Actual Conditions

Acceptance Criteria at reduced pressure	(Lt)	= 0.1528%/day
Actual Pressure	(Pt)	= 51.3761 psia
Actual Drybulb Temperature	(T)	= 49.5348 deg F or 509.205 deg R
Actual Dewpoint	(Tdp)	= 26.4484 deg F
Test Duration	(t)	= 24 hours

b. Total Absolute Pressure: P^{e}

No. of sensors: 2

Range: 0-100 psia

Sensor sensitivity error (E): ±0.001% of full scale

Measurement system error (e): ±0.0003% of full scale

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

$$P^{e} = \pm[(0.001)^{2} + (0.0003)^{2}]^{1/2} / [2]^{1/2}$$

$$P^{e} = \pm 0.00074 \text{ psia}$$

c. Water Vapor Pressure: Pv^{e}

No. of sensors: 6

*Sensor sensitivity error (E): ±0.5 deg F

*Measurement system error (e) excluding sensor: ±0.0142%

*Values given are accuracy; true sensitivity and repeatability values would be lower but are unknown.

At a dewpoint temperature of 26.4484 deg F, the equivalent water vapor pressure change (as determined from the steam tables) is 0.00364 psia/ deg F.

$$Pv^{E} = \pm 0.5 \text{ deg F} \times (0.00364 \text{ psia/deg F})$$

$$Pv^{E} = \pm 0.00182 \text{ psia}$$

$$ePv = \pm(0.000142 \times 100\text{deg F}) \times (0.00182 \text{ psia/deg F})$$

$$ePv = \pm 0.0000258 \text{ psia}$$

$$Pv^{e} = \pm[(Pv^{E})^{2} + (ePv)^{2}]^{1/2} / [\text{no. of sensors}]^{1/2}$$

$$Pv^{e} = \pm[(0.00182)^{2} + (0.0000258)^{2}]^{1/2} / [6]^{1/2}$$

$$Pv^{e} = \pm 0.000743 \text{ psia}$$

d. Temperature: T^{e}

No. of sensors: 24

Sensor sensitivity error (E): ±0.1 deg F = 0.1 deg R

Measurement system error (e), ±0.0142% fs

Range: 40-130 deg F

eT = 0.000142 X (130 deg F) = 0.01846 deg F

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

$$T^{e} = \pm[(0.1)^{2} + (0.01846)^{2}]^{1/2} / [24]^{1/2}$$

$$T^{e} = \pm 0.0208 \text{ deg R}$$

e. Instrumentation Selection Guide (ISG)

$$ISG = \pm(2400/t)\ [2(e_{P/P})^2 + 2(e_{Pv/P})^2 + 2(e_{T/T})^2]^{1/2}$$

$$ISG = \pm(2400/24)\ [2(.00074/36.973)^2 + 2(.000743/36.973)^2 + 2(.0208/509.205)^2]^{1/2}$$

$$ISG = \pm 100\ [8.0 \times 10E{-10} + 8.08 \times 10E{-10} + 3.32 \times 10E{-9}]^{1/2}$$

$$ISG = \pm 0.00702\%/day$$

The ISG formula does not exceed 0.25 Lt (0.0382%/day) and it is therefore concluded that the instrumentation selected was acceptable for use in determining the reactor containment integrated leakage rate.

5.6 SUPPLEMENTAL VERIFICATION

In addition to the calibration checks described in Section 5.2, test instrumentation operation was verified by a supplemental test subsequent to the completion of the 24 hour leakage rate test. This test consisted of imposing a known calibration leakage rate on the reactor containment building. After the flow rate was established it was not altered for the duration of the test.

During the supplemental test, the measured leakage rate was:

$$Lc = Ltm' + Lo$$

where,

Lc = measured composite leakage rate consisting of the reactor building leakage rate plus the imposed leakage rate

Lo = imposed leakage rate

Ltm' = leakage rate of the reactor building during the supplemental test phase

Rearranging the above equation: $Ltm' = Lc - Lo$

The reactor containment building leakage during the supplemental test can be calculated by subtracting the known superimposed leakage rate from the measured composite leakage rate.

The reactor containment building leakage rate during the supplemental test (Ltm') was then compared to the measured reactor containment building leakage rate during the preceding 24 hour test (Ltm) to determine instrumentation acceptability. Instrumentation is considered acceptable if the difference between the two leakage rates is within 25 percent of the maximum allowable leakage rate (Lt).

6.0 TEST PERFORMANCE

6.1 PREREQUISITES

Prior to commencement of reactor containment building pressurization, the following basic prerequisites were satisfied:

a. Proper operation of all test instrumentation was verified.
b. All automatic containment building isolation valves were closed by a manual containment isolation signal without any preliminary exercising or adjustment.
c. Equipment within the reactor containment building, subject to damage, was protected from external differential pressures.
d. Portions of fluid systems which, under post-accident conditions become extensions of the containment boundary, were drained and vented.
e. The penetration pressurization system was depressurized and isolated with test gauges installed to detect any leakage.
f. Pressure gauges were provided on the following systems to provide a means of detection for leakage into these systems:
   1. Personnel Access Hatch
   2. Equipment Access Hatch
g. Containment recirculation fans were operational
h. Potential pressure sources were removed or isolated from the containment.
i. A general inspection of the accessible interior and exterior areas of the containment was completed.

6.2 PRESSURIZATION PHASE

During the entire ILRT period, data was collected and recorded electronically at fifteen minute intervals via the computer. (See Appendicies B-G.) Following the satisfaction of the prerequisites, pressurization of the reactor building containment was started on March 8, 1986 at 1410. Building pressure and temperature were monitored continuously throughout the pressurization stage. The pressurization rate was approximately 5.0 psi per hour. During pressurization, a decrease in pressurizer water level was observed. Water level was maintained through refilling the pressurizer as needed.

When containment internal pressure reached 37.2385 at 2250 on March 8, 1986, pressurization was secured. At 0545 on March 9, 1986, the containment stabilization criteria had been met. The Pressurizer level was stable with the absence of adding pressure.

6.3 TYPE A TESTING PHASE

Leakage rate testing started at 0600 on March 10, 1986, and was initiated at the 37.1015 psig pressure level. The Type A test ran without abnormalities or perturbating events and was completed at 0600 on March 11, 1986.

6.4 VERIFICATION TEST PHASE

Immediately following the 24 hour Type A test, a superimposed leakage rate started at 0615 on March 11, 1986, for an additional 4.5 hour period. The Verification test also ran without abnormalities or perturbating events and was completed at 1130 on March 11, 1986. When a air sample was taken by Chemistry, the test was considered complete. Depressurization was complete at 1800.

7.0 METHODS OF ANALYSIS

The absolute method of leakage rate determination was employed during testing at the 37.1015 psig pressure level. The LEAKER computer code (described in Appendix A) calculated the percent per day leakage rate using the mass point technique of data analysis. The mass point technique of computing leakage rates uses the Ideal Gas Law equation to calculate the weight of air inside containment for each fifteen minute interval.

A superimposed induced flow method was used for the 4.5 hour supplemental test. LEAKER computer code fits a straight line using a linear least squares fit. In addition, the computer code also computes the upper bound of the 95% confidence interval.

8.0 DISCUSSION OF RESULTS

The ILRT data and calculated leakage rates are presented as reports and plots in Appendices B through G. These reports and plots illustrate an ILRT that was performed uninterrupted and without perturbation. The Type A containment mass and mass point leakage rate plot shows that the leakage rate remained essentially constant for the entire test period data.

8.1 TYPE A RESULTS

The method used in calculating the mass point leakage rate is defined in Section 7.0. The result of this calculation is a mass point leakage rate of 0.06216%/day. In addition, the local leakage rate of the instrumentation valves which were in service during the ILRT were also considered but had no leakage.

The 95 UCL associated with this leakage rate is 0.06407%/day. Thus, the leakage rate at the upper bound of the 95 percent confidence interval becomes:

Ltm = 0.06407+ 0.00
Ltm = 0.06407%/day

The calculated leakage rate and the calculated leakage rate at the upper bound of the 95 percent confidence level are well below the acceptance criteria of 0.1146 percent per day (0.75 Lt). Therefore, reactor containment building leakage at 35 psig (Pt) is considered acceptable.

8.2 SUPPLEMENTAL TEST RESULTS

After conclusion of the 24 hour test at 35 psig, flowmeter FI-2A was placed in service and a flow rate, corrected for pressure and temperature conditions of 3.703 SCFM was established. This flow rate is equivalent to a leakage rate of 0.1517 percent per day.

The calculated leakage rate(Lc) during the supplemental test was calculated to be 0.1890 percent per day using the mass point method of analysis.

The building leakage rate during the supplemental test is then determined as follows:

Ltm'= Lc - Lo
Ltm'= 0.1890%/day - 0.1517%/day
Ltm'= 0.0373%/day

Comparing this leakage rate with the building leakage rate during the 24 hour test yields the following:

$(Ltm - Ltm')/Lt = (0.06216 - 0.0373)/0.1528 = 0.1627$

The building leakage rates agree within 16.7 percent of Lt which is below the acceptance criteria of 25 percent of Lt.

Using the formulation of ANS 56.8 - 1981,

$(Lo + Ltm - 0.25\ Lt) \leq Lc \leq (Lo + Ltm + 0.25\ Lt)$

$(0.1517 + 0.06216 - 0.0382) \leq Lc \leq (0.1517 + 0.06216 + 0.0382)$

$0.17566 \leq Lc \leq 0.25206$

Since Lc was measured to be 0.1890 percent per day, this value falls within the acceptable range 0.17556 to 0.25216 percent per day. Therefore, the acceptability of the test instrumentation is considered to have been verified.

8.3 SCHEDULE FOR RETESTING

The thorough examination of the containment penetration boundaries revealed no structural deterioration or abnormalities. All portions of the containment were found to be in good repair.

Therefore, the next periodic Type A retest is proposed to be performed in approximately three years.

9.0 TYPE B AND C LEAKAGE RATE

Table 2 illustrates the on-going B and C testing program from 1986 to 1983 including the respective outages. All local Type B and Type C tests were performed at 60 psig.

The local "as found leakage (pre-1986 ILRT) minus the "as left leakage" represents an addition to the Type A leakage rate of 0.00334 %/day (2306.32 sccm or 8.816 lbs/day). Assuming a Type A mass of 263,776.89 lbs, this added to the 95% UCL yields an "as found" ILRT leakage rate of 0.06741 %/day which is well within the operational allowable (.1146%/day).

10.0 REFERENCES

1) RSSP - 6.0, 6.1, 6.2 and 6.3, "Containment Integrated Leakage Rate Test Procedure)"

2) Code of Federal Regulations, Title 10, Part 50, Appendix J, (1-1-82).

3) ANSI N45.4 - 1972, "Leakage Rate Testing of Containment Structures for Nuclear Reactors," American Nuclear Society,(March 16, 1972).

4) Steam Tables, American Society of Mechanical Engineers, (1967).

5) Quadrex LEAKER Computer Code.

6) ANSI/ANS- 56.8 - 1981, "Containment System Leakage Testing Requirements," American Nuclear Society, (February 19, 1981).

7) "Rochester Gas and Electric Corporation" Reactor Containment Building Integrated Leak Rate Test, R. E. Ginna Nuclear Power Plant, (March 1982).

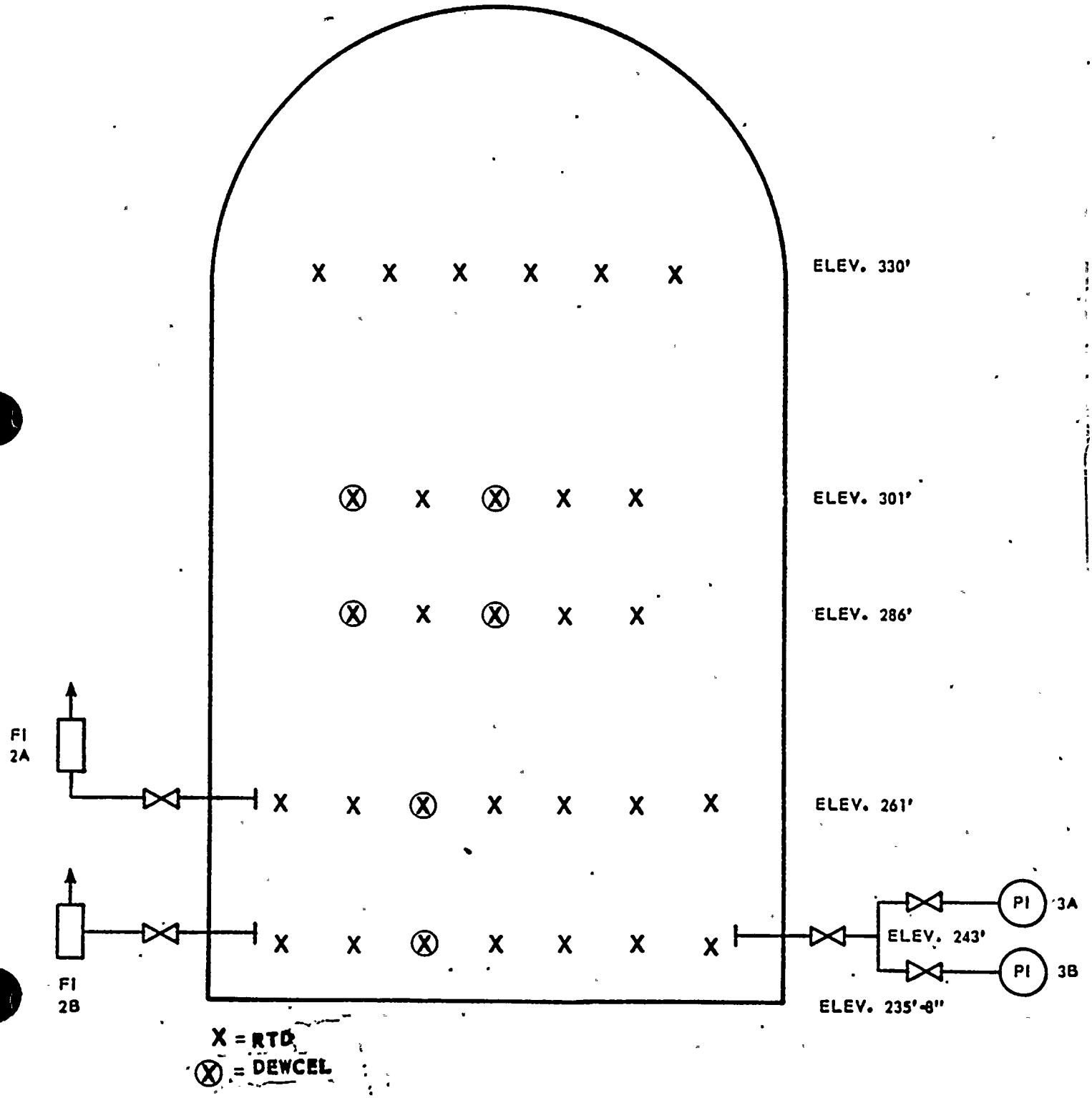
8) R. E. Ginna Nuclear Plant Technical Specification, Appendix A to Operating License Number DPR 18.

9) Appendix J Exemption Safety Evaluation Report, dated March 28, 1978, Amendment 17 to Operating License, DPR 18, Dennis L. Ziemann to Leon D. White, Jr.

TABLE 1

INSTRUMENTATION LOCATIONS & SCHEMATIC

INSTRUMENTATION LOCATION



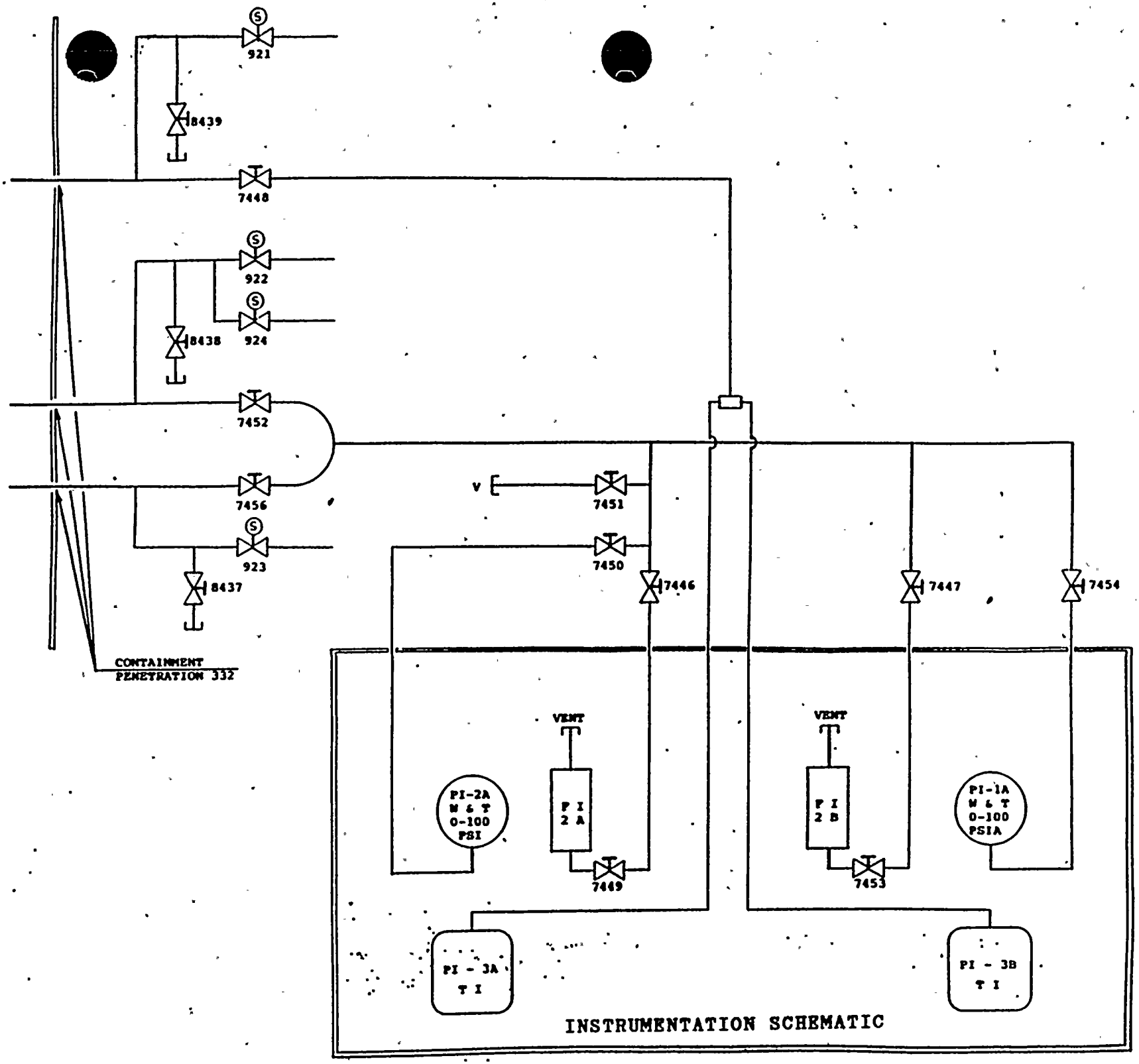

921
8439
7448
922
924
8438
7452
7456
923
8437
CONTAINMENT
PENETRATION 332
V
7451
7450
7446
7447
7454
VENT
VENT
PI-2A
W & T
0-100
PSI
F I
2 A
F I
2 B
PI-1A
W & T
0-100
PSIA
7449
7453
PI - 3A
T I
PI - 3B
T I
INSTRUMENTATION SCHEMATIC

TABLE 2

TYPE B & C SUMMARY

TYPE B AND C LEAKAGE RATE HISTORIES

Discussion of Leakage History:

For the years 1983, 1984, 1985 and 1986 all required type B and C testing was performed during the reactor shutdowns for refueling. In addition tests were performed at more frequent intervals on the Purge valves, Containment hatches and post maintenance. The shutdown for 1983 was from March 26 to June 25, the 1984 shutdown was from March 3 to May 14, the 1985 shutdown was from March 2 to April 17 and the shutdown for 1986 was from February 7 to March 22.

All local type B and C tests were performed at 60 psig. The acceptance criteria for the test period of 1983 to 1986, per plant Technical Specifications 4.4.2.2 was that total leakage from all penetrations and isolation valves not exceed 0.60 LA (equivalent to 22,930 cc/min.).

In January 1985, as the result of a Quality Assurance audit concern, an additional Administrative limit of 2% was subtracted from the total allowable leakage (reducing the allowed total to 22,471 cc/min.) to allow for instrument inaccuracies.

Following is a summary of the total leakage tabulated for each of the years from 1983 to 1986 with discussion of significant leak rates and their resolution:

1983

	Leakage at Shutdown for Refueling	Leakage at Startup After Refueling
Type B	1,824.1 cc/min.	1,738.9 cc/min.
Type C	3,499.4 cc/min.	1,047.8 cc/min.
Total	5,323.5 cc/min.	2,786.7 cc/min.

A. Significant Type B Leakage (Penetrations):

1) Manifold D - Personnel Hatch (See LER 83-12) - PT-22.3

During the period from March 21-23, 1983 testing of the between door volume of the Personnel hatch revealed leakage through the handwheel shaft packings. Although leakage through the inner door packing was determined to be in excess of plant allowable before repair, the combined "through" leakage was analyzed to be within limits. After repairs the leak rate for this penetration was 273.5 cc/min.

B. Significant Type C Leakage (Isolation Valves):

1) Purge Supply - Penetration #204 - PT-23.35.

During a quarterly leakage test of this penetration with plant at power the total between valve leakage was determined to be 1596 cc/min. which was below the Administrative allowable leak rate of 2000 cc/min. per valve. Leakage was identified at the outside valve shaft/seat interface and was documented on a Work Order Trouble Card.

While the plant was shutdown for the Maintenance/ Refueling Outage additional testing was performed with maintenance personnel. Adjustments were made to the valve seats which reduced the total leakage for this penetration to 160 cc/min. before the plant was returned to power operation.

2) Purge Exhaust - Penetration #300 - PT-23.36

When this penetration was tested on January 14, 1983 the leakage indicated for the volume was 160 cc/min. which was well within the Administrative allowable of 2,000 cc/min. When the between damper volume was tested on June 1, 1983, just prior to plant startup after refueling, the indicated leakage was 432,373 cc/min. This leak rate was measured following use of the Purge system and was attributed to stroking of the valves, dirt buildup on the seats and temperature differential between Containment and the Intermediate Building. Adjustments were made to the valve seats resulting in a final leak rate of 155 cc/min. Since this sytem is Administratively maintained out of sevice during power operation the leak rate measured on January 14, 1983 of 160 cc/min. is considered the at power value for integrity of Containment.

3) "A" Steam Generator Sample - Penetration #206 - PT-23.13A.

Initial leakage of 660 cc/min. was through isolation valve AOV-5735. Valve stroke was adjusted and leakage was reduced to 140 cc/min.

4) "A" Steam Geneator Blowdown - Penetration #321 - PT-23.16A.

Initial leakage of 1437 cc/min. was through isolation valve AOV-5738. Repairs were made to the valve which reduced the leakage to 5.6 cc/min.

5) Reactor Coolant Drain Tank - Penetration #143 - PT-23.22.

Leakage from system, which is bounded by three isolation valves, was 355 cc/min. through AOV-1003B. Replacement of the diaphragm on this valve reduced the leakage to 59 cc/min.

6) "A" Hydrogen Recombiner - Penetration #304 - PT-23.51A.

Solenoid valve IV5A was leaking through during initial test at 635 cc/min. This leakage was reduced to 20 cc/min. by cleaning valve and replacing discs.

1984

	Leakage at Shutdown for Refueling	Leakage at Startup After Refueling
Type B	3,132.7 cc/min.	2,299.4 cc/min.
Type C	1,902.8 cc/min. *	1,447.4 cc/min.
Total	5,035.5 cc/min.	3,746.8 cc/min.

* This number does not include leakage from Pressurizer Liquid Space Sample penetration which is discussed below.

A. Significant Type B Leakage (Penetrations):

1) Manifold D - Personnel Hatch - PT-22.3

The initial test of this hatch performed 10/18/83 indicated a leak rate of 12,026 cc/min. which was above the Administrative limit of 500 cc/min., but still within plant allowable when all other known leakage was evaluated. The primary leakage path was identified as the inner door shaft packings. A Containment entry was made to adjust the packing and a retest showed a leak rate of 1,551.8 cc/min. Due to low Oxygen levels in Containment which made supplied air a necessity for workers it was decided not to make further attempts at reducing the leak rate.

During the next scheduled test in January 1984 further corrections were made to reduce the leak rate to 206.6 cc/min.

2) Mechanical Manifold G - Penetration #125 - PT-22.13

Manifold G is a penetration pressurization system which includes 10 individual penetrations. A pressure decay test on this manifold indicated a leak rate of 2013 cc/min. By a process of elimination, isolating individual penetrations, penetration #125 was determined to be the source of leakage. Further investigation showed there was no leakage at the primary boundary (flange inside Containment). An Emergency Maintenance procedure was written to allow opening the penetration outside Containment to make repairs. The expansion bellows was found to be the source of leakage. After repairs the manifold leak rate was reduced to 0.0 cc/min.

B. Significant Type C Leakage (Isolation Valves):

1) Pressurizer Liquid Space Sample - Penetration #206 - PT-23.12B.

On January 11, 1984 manual valve 956E was replaced using Emergency Maintenance procedure EM-370 due to visible leakage and tested with 0 cc/min. leak rate. Since other series isolation valves exist in this line, this was a condition allowed by Tech. Specs. for Containment Integrity. During the next test of this valve on March 17, 1984 after the plant was shutdown for Refueling it was found to have a leak rate which could not be measured on available test equipment. Valve 956E was again replaced on April 4, 1984 and a retest showed 0.0 cc/min. leakage.

2) Auxiliary Steam Supply and Condensate Return - Penetration #303 - PT-23.40.

The leakage found for manual valve 6152 was 70.9 cc/min. which exceeded the Administrative limit of 58 cc/min. After replacing the valve diaphragm the leak rate was 0.8 cc/min.

1985

	Leakage at Shutdown for Refueling	Leakage at Startup After Refueling
Type B	1,693.7 cc/min.	1,156.8 cc/min.
Type C	5,306.8 cc/min.	2,345.1 cc/min.
Total	7,000.5 cc/min.	3,501.9 cc/min.

A. Significant Type B Leakage (Penetrations):

1) Manifold D - Personnel Hatch - PT-22.3.

The "As Found" leakage for the hatch was 1,486 cc/min. at the beginning of the 1985 Refueling Outage. After maintenance and prior to startup the leak rate was reduced to 624 cc/min.

NOTE: A new electrical penetration was added (CE3) during the 1985 Refueling outage. Leakage for this penetration after installation was 0.0 cc/min.

B. Significant Type C Leakage (Isolation Valves):

1) "A" Steam Generator Blowdown - Penetraiton #321 - PT-23.16A.

The leakage for this isolation path was measured at 537 cc/min. Because of the significant difficulty of making the repairs and the relatively low leakage this valve remained in service for the next operating cycle.

2) Fire Service Water - Penetration #307 - PT-23.52.

The leak rate of the outside Containment isolation valve for this line was found at 3,400 cc/min. During power operation the leaking valve, AOV-9227, is maintained closed and the downstream line which feeds the fire hose reels in Containment is depressurized. It was determined that service water crud buildup on the upstream side of this valve had caused fouling of the seat. A hot water flush method was used to reduce the leak rate to 437 cc/min.

1986

	Leakage at Shutdown for Refueling	Leakage at Startup After Refueling
Type B	4,050.9 cc/min.	2,175.5 cc/min.
Type C (Min. Path)	617.7 cc/min.	186.8 cc/min.
Total	4,668.6 cc/min.	2,362.3 cc/min.

A. Significant Type B Leakage (Penetrations):

1) Manifold D - Personnel Hatch - PT-22.3.

This penetration was tested on 12/2/85 using a new instrumentation system (external digital pressure gage and temperature indication). The leakage measured at this time was 2,260 cc/min. No leakage was found to the outside atmosphere and total plant leakage was well within acceptable limits, therefore, no repairs were attempted at this time. On January 13, 1986 a test was performed which showed an initial leakage of 1.702 cc/min. After adjustments to the inner door shaft packing the leakage was reduced to 805 cc/min.

2) Manifold I - Equipment Hatch - PT-22.4.

The full volume test of this hatch was performed on 12/4/85 and the leakage measured was 2,278 cc/min. Repairs to this volume were deferred until January 1986. The hatch was retested on January 17, 1986 and the leakage was 1,985 cc/min. After repairs were made to the inner door equalizing valve flange gasket the leakage was reduced to 1,060 cc/min.

B. Significant Type C Leakage (Isolation Valves):

NOTE: Reporting of leakage starting with the 1986 Refueling Outage is based on the "Minimum Path" criteria for as found and as left determination of individual penetrations as discussed in NRC IE Information Notice No. 85-71 "Containment Integrated Leak Rate Tests."

1) "A" Containment Spray Header - Penetration #105 - PT-23.18A

"B" Containment Spray Header - Penetration #109 - PT-23.18B

Check valves 862A and 862B were replaced during the 1986 Refueling outage due to problems which had been encountered in the past with verifying prompt closure of these valves for In-Service Inspection requirements. Leakage for these valves was 0.0 cc/min. for 862A and 6.04 cc/min. for 862B.

2) Purge Supply - Penetration #204 - PT-23.35/23.35.1
Purge Exhaust - Penetration #300 - PT-23.36/23.36.1

During the 1986 Refueling Outage the inside Containment valves for the Purge Supply and Purge Exhaust penetrations were removed and replaced with double O-ring seal blank flanges (see Engineering Work Request EWR-2504). These penetrations have been the largest contributor to total plant allowable leakage. In the future these penetrations will only be opened for Cold or Refueling outages as specified in Technical Specification Table 3.6-1, Amendment 13. Leakage for these volumes was reduced from an as found of 258 cc/min. for the Purge Supply and 145 cc/min. for the Purge Exhaust to .49 cc/min. and .37 cc/min. respectively.

3) Fire Service Water - Penetration #307 - PT-23.52

Similar to the 1985 test of AOV-9227, initial leakage on 2/12/86 could not be measured on available instruments. This initial leakage was determined after the Fire Service line had been placed in service. The actual At Power leakrate would be the 1985 "As Left" leakage of 439.5 cc/min. since the line is maintained isolated and depressurized during Power operation. Discussions the same day with the Instrumentation Dept. revealed a flow transducer was available which was capable of measuring higher range leak rates. Leakage indicated by tis instrument was 8,070 cc/min. During this time the in series isolation check valve 9229 was tested and had a leak rate of 1.18 cc/min. After repairs were attempted on AOV-9227 the leakage was reduced to 1,693 cc/min. These repairs included flushing, valve stem adjustment and rotating the stem for better seating.

APPENDIX A

ILRT COMPUTER PROGRAM SUMMARY

QUADREX CORPORATION
LEAKER PROGRAM SUMMARY

1.0 INTRODUCTION

The Type A Test is an integrated leakage rate test (ILRT) designed to verify the leak test integrity of the entire containment building. This test is performed at approximately three-year intervals as required by Appendix J of 10 CFR 50. Generally, ILRT's are performed in accordance with the American National Standard "Containment System Leakage Testing Requirements," (ANSI/ANS-56.8-1981), American National Standard Leakage Rate Testing of Primary Containment for Nuclear Power Plants," Bechtel Topical Report (BN-TOP-1).

The LEAKER program computes total time leakage rates, mass point leakage rates, LSF leakage rates, and 95% upper confidence level (UCL) leakage rates during the course of the test from measured input values of containment pressure, temperature and dew point.

The LEAKER program is also capable of performing the verification phase and will generate specific verifications features to aid in verifying the Type A test. Those features will be described in detail later.

The LEAKER program is designed to automate the task of sampling and reducing the data to a usable form in accordance with the above documents. This greatly limits the possibility of human error and provides intermediate results after a short delay. This makes it possible to monitor the progress of the test very closely in approximately real time. For each of the two test periods, the LEAKER program receives data on the containment's environment and calculates the values needed to assess the status of the test. Interim results are provided as desired and the program checks to see if the acceptance criteria have been satisfied for the two test periods. The program also produces a printout of all data gathered as well as a record of its calculations. In addition, the data is stored on hard or floppy computer disks for future reference. The program can recover from a power failure or any other accidental interruptions of the program's execution by reloading the old data and restarting the data sampling routine at the proper location. Lastly, should one of the RTDs fail during the test, the program will detect the problem and the user can remove that sensor from further calculations. When the test is completed, the program has the ability to recalculate all values for the test, suppressing any failed RTDs or a cell from the entire series of calculations in order to verify the results of the test.

The LEAKER program is written in a high level language (BASIC) and is designed for use on a micro-computer with direct data input from the data acquisition system. The program has been verified accurate and validated in accordance the Quadrex's QA Program. Brief descriptions of program use, formulae used for leakage rate computations, and program logic are provided in the following paragraphs.

2.0 EXPLANATION OF PROGRAM

The Quadrex LEAKER computer program is written, for use by experienced ILRT personnel, to determine containment integrated leakage rates based on the Absolute Method described in ANSI/ANS 56.8-1981 and BN-TOP-1.

Information loaded into the program prior to or at the start of the test:

a. Number of containment atmosphere drybulb temperature sensors, dew point temperature (water vapor pressure) sensors and pressure gages to be used in leakage rate computations for the specific test.

b. Volume fractions assigned to each of the above sensors.

c. Calibration data for above sensors.

d. Test title.

e. Test pressure.

f. Maximum available leakage rate at test pressure.

Data recorded from the data acquisition system during the test, and used to compute leakage rates:

a. Time and date.

b. Containment atmosphere drybulb temperatures.

c. Containment atmosphere pressure(s).

d. Containment atmosphere dew point temperatures.

e. Containment free air volume.

If the drybulb or dew point temperature sensors fail during the test, the data from the sensor(s) are not used. The volume fractions for the remaining sensors are recomputed and reloaded into the program for use in ensuing leakage rate computations.

3.0 PROGRAM LOGIC AND OPERATION SUMMARY

The Quadrex LEAKER computer program logic flow is controlled by a set of user options after executive questions. The user options and a brief description of their associated function are presented below:

3.1 System diagnostics, self tests and executive questions are perform initially for setup.

3.2 The various keys listed and described below:

START	This key initiates or suspends the system in gathering data and displaying it on the main screen.
MAINT	This key redefines weighting factor values, changes the logging of data to a file, deletes a record in the file, displays the individual record's key environmental contents, and changes the individual record's content.
UPDATE	If the records are changed or deleted, this key redefines the entire file so that the calculations can be made without interfering with the computer's file handling capabilities.
REPORTS	This key performs the calculations of program and prints the results.
PLOTS	This function implements the graphics portion of the program. Any channel or leakage rate can be plotted.
MANUAL ON	This key de-activates the automatic data entry and allows manual entry.
END JOB	This key will properly terminate the program.

4.0 COMPUTER REPORTS AND PLOTS

4.1 Reports

REPORTS does the analysis of the data accumulated by the ILRT system and then prints out a report of the results. The types of analysis performed are: mass point, total time, environmental averages, mass loss, temperature stabilization, and data rejection. All results from the

analysis are printed off a thermal printer. The subprogram REPORTS requires the user to select a valid time window or record window as listed below as a prerequisite for doing analysis.

MASS POINT	The mass point analysis is based on the ANSI/ANS 56.8-1981 Standard acceptance criteria and calculations.
TOTAL TIME	The total time analysis is based on the Bechtel Topical Report (BN-TOP-1) and its respective acceptance criteria and calculations.
ENVIRONMENT	The environment analysis is based on the Bechtel Topical Report (BN-TOP-1) and the ANSI/ANS 56.8-1981 Standard with their respective acceptance criteria and calculations.
MASS LOSS	The mass loss analysis is based on the ANSI/ANS 56.8-1981 Standard acceptance criteria and calculations.
TEMP STAB	The temperature stabilization analysis is based on the Bechtel Topical Report (BN-TOP-1) and the ANSI/ANS 56.8-1981 Standard with their respective acceptance criteria and calculations.
DATA REJECTION	The data rejection analysis is based on the Bechtel Topical Report (BN-TOP-1) and the ANSI/ANS 56.8-1981 Standard, Appendix D, with their respective acceptance criteria and calculations.

4.2 Plots

The Graphics subprogram allows the user to plot the mass point analysis, total time analysis, and displayed channels. Further, plots can be made in a batch mode by instrument type to a printer or a plotter. PLOTS performs autoranging on the data being plotted for axes values. PLOTS requires the user to select any valid time window or record window as a prerequisite for doing plotting.

APPENDIX B

STABILIZATION DATA & CALCULATIONS

********** ENVIRONMENT LISTING **********

JULIAN DATE - 65 TIME - 2300

REC NUM	DATE	TIME	TEMP	VAPOR PRESSURE	CONTAINMENT PRESSURE	RELATIVE HUMIDITY	AIR DENSITY	PSIA VARIANCE
118	65	2300	511.112	.0932	51.5483	49.70	.2722	0.00000
119	65	2315	510.981	.0911	51.5370	48.79	.2722	-.01132
120	65	2330	510.887	.0917	51.5251	49.28	.2722	-.01184
121	65	2345	510.795	.0913	51.5099	49.25	.2722	-.01522
122	66	0000	510.720	.0934	51.5120	50.55	.2722	.00205
123	66	0015	510.643	.0918	51.4920	49.82	.2722	-.01995
124	66	0030	510.601	.0910	51.4910	49.47	.2722	-.00100
125	66	0045	510.571	.0898	51.4877	48.87	.2722	-.00329
126	66	0100	510.537	.0907	51.4830	49.42	.2722	-.00476
127	66	0115	510.497	.0901	51.4779	49.18	.2722	-.00505
128	66	0130	510.476	.0897	51.4739	48.95	.2722	-.00401
129	66	0145	510.431	.0908	51.4675	49.66	.2722	-.00636
130	66	0200	510.390	.0898	51.4657	49.21	.2722	-.00180
131	66	0215	510.366	.0896	51.4610	49.10	.2722	-.00472
132	66	0230	510.326	.0890	51.4561	48.85	.2722	-.00492
133	66	0245	510.307	.0882	51.4547	48.45	.2722	-.00145
134	66	0300	510.266	.0898	51.4491	49.44	.2722	-.00555
135	66	0315	510.267	.0909	51.4438	50.04	.2721	-.00536
136	66	0330	510.224	.0897	51.4474	49.46	.2722	.00369
137	66	0345	510.222	.0892	51.4408	49.14	.2721	-.00663
138	66	0400	510.189	.0873	51.4403	48.19	.2721	-.00052
139	66	0415	510.151	.0878	51.4353	48.54	.2721	-.00500
140	66	0430	510.134	.0873	51.4218	48.27	.2721	-.01348
141	66	0445	510.098	.0877	51.4221	48.60	.2721	.00033
142	66	0500	510.120	.0889	51.4265	49.18	.2721	.00434
143	66	0515	510.080	.0869	51.4228	48.17	.2721	-.00366
144	66	0530	510.074	.0879	51.4208	48.71	.2721	-.00198
145	66	0545	510.053	.0867	51.4196	48.12	.2721	-.00122
146	66	0600	510.029	.0873	51.4172	48.49	.2721	-.00243

********** TEMPERATURE STABILIZATION **********

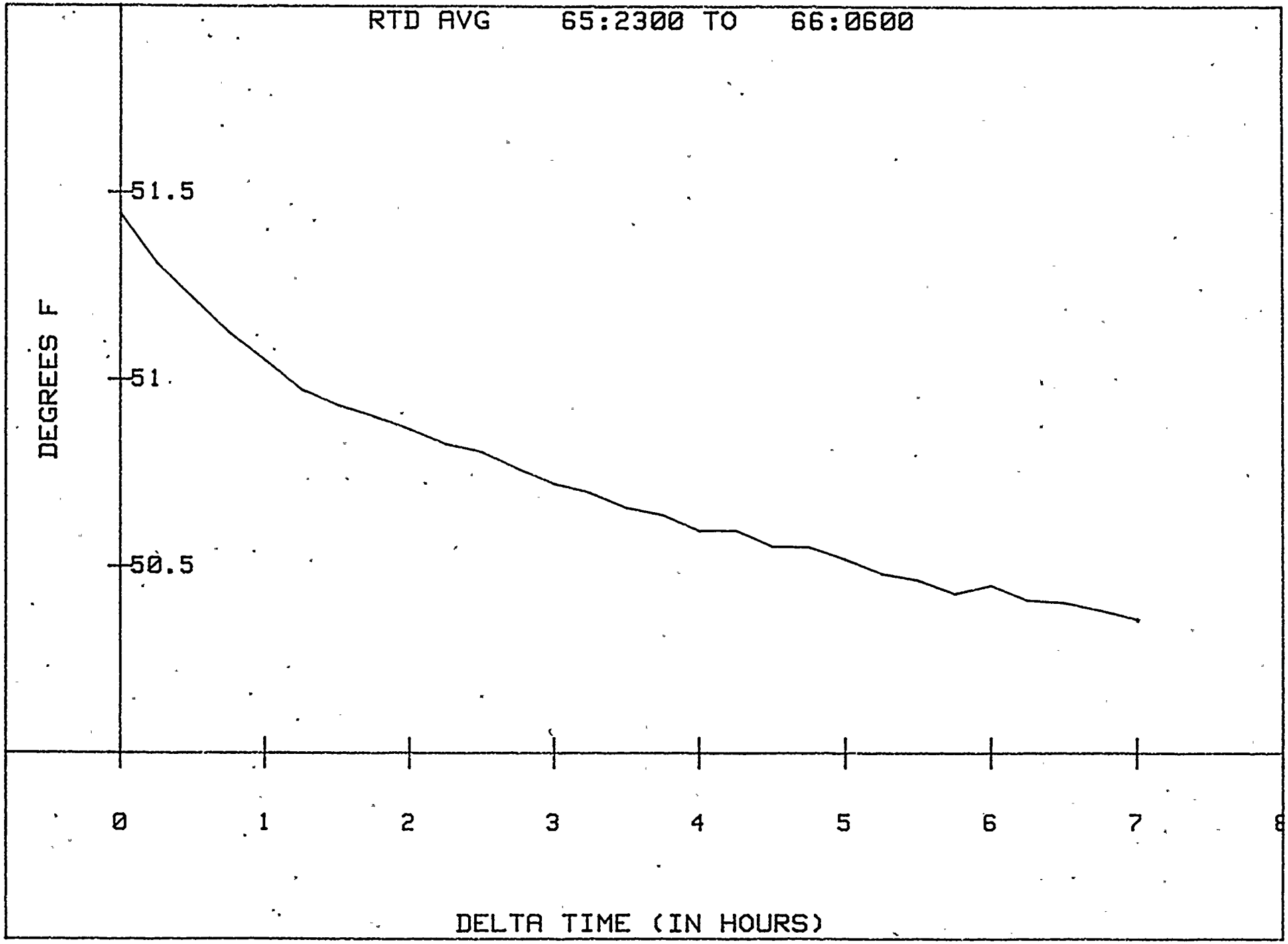
JULIAN DATE - 65 TIME - 2300

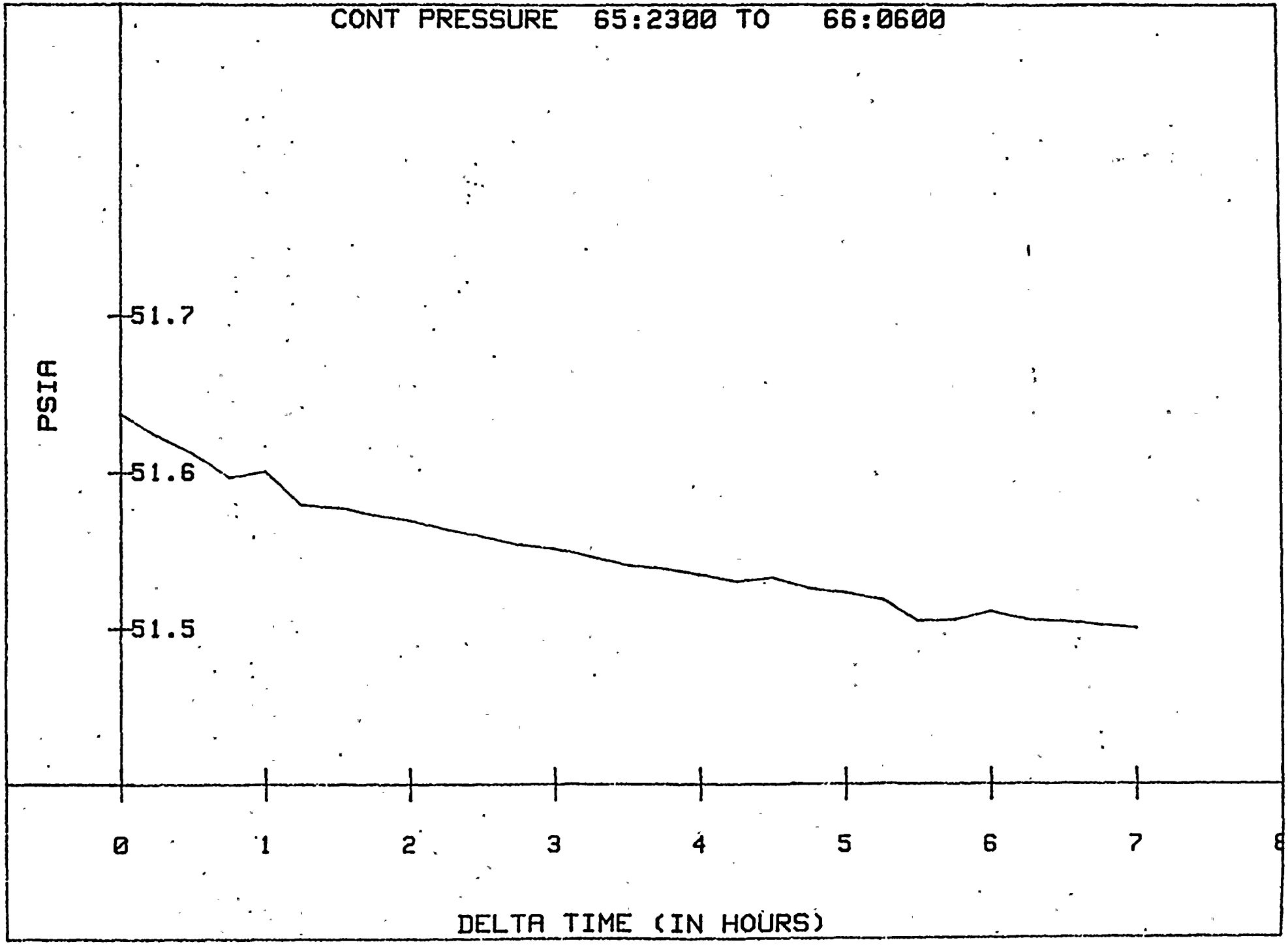
TIME (DELTA) (HOURS)	TEMP	TEMP DIFF INCR	TEMP AVG (1 HR)	BN-TOP-1 AVG (2 HR)	BN-TOP-1 RATE (2 HR)	TEMP AVG. (4 HR)	ANSI CRIT.
0.00	511.112	0.000	0.000	0.000	0.000	0.000	0.000
.25	510.981	-.131	0.000	0.000	0.000	0.000	0.000
.50	510.887	-.094	0.000	0.000	0.000	0.000	0.000
.75	510.795	-.092	0.000	0.000	0.000	0.000	0.000
1.00	510.720	-.075	510.916	0.000	0.000	0.000	0.000
1.25	510.643	-.078	510.812	0.000	0.000	0.000	0.000
1.50	510.601	-.041	510.744	0.000	0.000	0.000	0.000
1.75	510.571	-.031	510.683	0.000	0.000	0.000	0.000
2.00	510.537	-.034	510.629	-.288	.288	0.000	0.000
2.25	510.497	-.040	510.570	-.242	.242	0.000	0.000
2.50	510.476	-.021	510.539	-.206	.206	0.000	0.000
2.75	510.431	-.045	510.501	-.182	.182	0.000	0.000
3.00	510.390	-.040	510.464	-.165	.165	0.000	0.000
3.25	510.366	-.024	510.431	-.138	.138	0.000	0.000
3.50	510.326	-.041	510.401	-.138	.138	0.000	0.000
3.75	510.307	-.018	510.369	-.132	.132	0.000	0.000
4.00	510.266	-.042	510.328	-.136	.136	-.212	.087
4.25	510.267	.001	510.316	-.115	.115	-.179	.079
4.50	510.224	-.043	510.275	-.126	.126	-.166	.064
4.75	510.222	-.002	510.265	-.104	.104	-.143	.058
5.00	510.189	-.033	510.228	-.100	.100	-.133	.057
5.25	510.151	-.039	510.209	-.108	.108	-.123	.007
5.50	510.134	-.017	510.179	-.096	.096	-.117	.026
5.75	510.098	-.036	510.160	-.105	.105	-.118	-.006
6.00	510.120	.022	510.155	-.073	.073	-.104	.035
6.25	510.080	-.040	510.115	-.093	.093	-.104	.034
6.50	510.074	-.006	510.104	-.075	.075	-.101	.041
6.75	510.053	-.021	510.075	-.085	.085	-.094	.049
7.00	510.029	-.024	510.074	-.080	.080	-.090	-.001

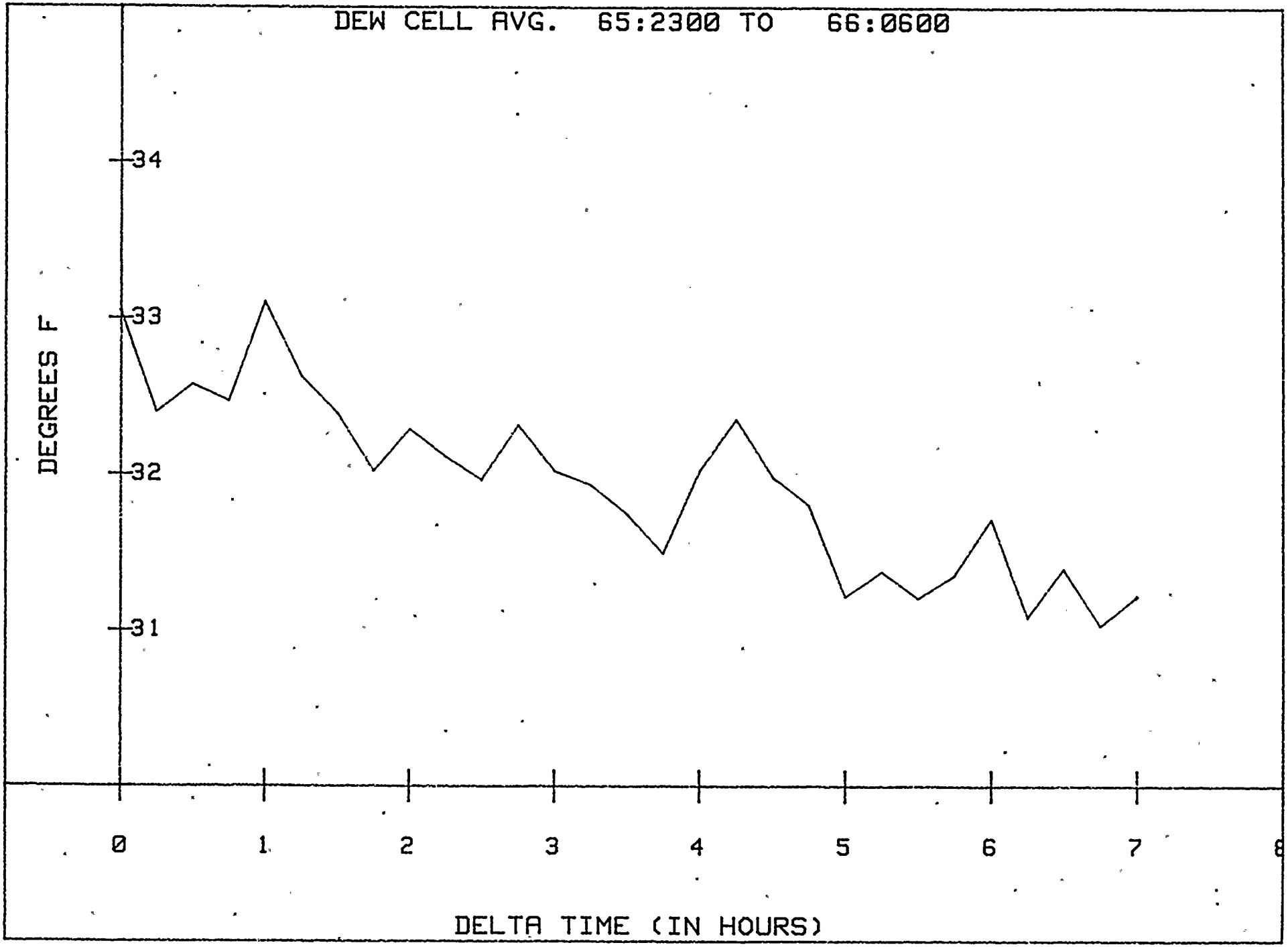
********** MASS LOSS CALCULATION RESULTS **********

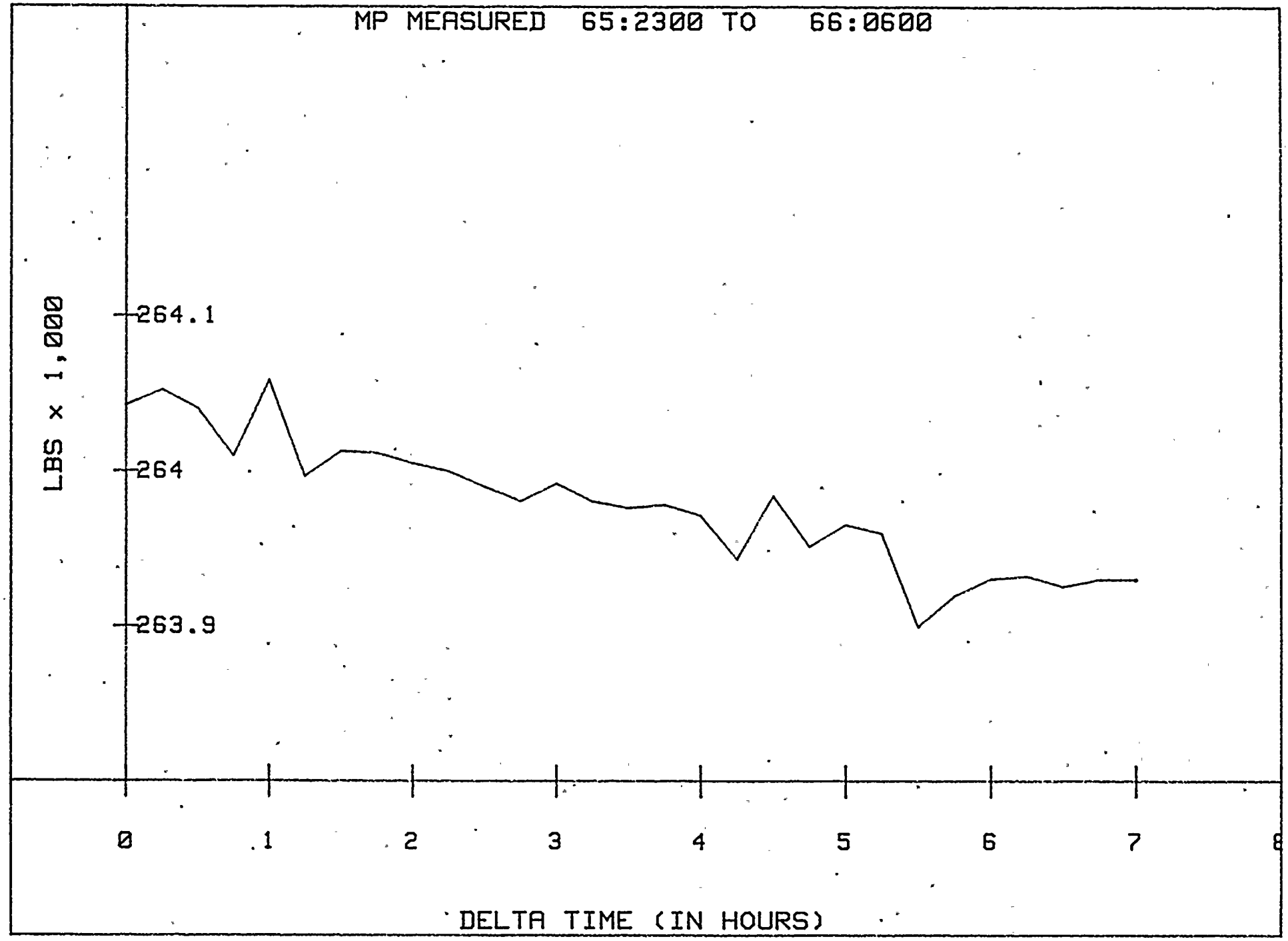
JULIAN DATE - 65 TIME - 2300

REC NUM	TIME (DELTA HOURS)	CONT AIR MASS	MASS LOSS INCR	MASS LOSS (1 HR)	MASS LOSS (x 24)
118	0.00	264057.2	0.0	0.0	0.0
119	.25	264067.1	9.9	0.0	0.0
120	.50	264054.8	-12.3	0.0	0.0
121	.75	264024.4	-30.4	0.0	0.0
122	1.00	264073.5	49.1	-16.3	-391.0
123	1.25	264011.4	-62.2	55.7	1337.4
124	1.50	264027.6	16.2	27.2	652.3
125	1.75	264026.6	-1.0	-2.2	-52.7
126	2.00	264019.7	-6.9	53.8	1292.3
127	2.25	264014.6	-5.1	-3.2	-77.0
128	2.50	264004.7	-9.9	22.9	550.4
129	2.75	263995.6	-9.1	31.0	744.4
130	3.00	264007.1	11.5	12.6	302.0
131	3.25	263995.4	-11.7	19.2	461.4
132	3.50	263991.1	-4.2	13.5	324.6
133	3.75	263993.2	2.1	2.3	55.8
134	4.00	263986.3	-6.9	20.8	499.3
135	4.25	263958.3	-28.0	37.1	890.4
136	4.50	263999.2	40.9	-8.0	-193.0
137	4.75	263966.3	-32.9	27.0	647.1
138	5.00	263980.5	14.2	5.8	139.7
139	5.25	263974.8	-5.6	-16.6	-398.0
140	5.50	263914.5	-60.4	84.7	2033.2
141	5.75	263934.7	20.2	31.6	758.9
142	6.00	263945.6	10.9	34.9	837.8
143	6.25	263947.4	1.8	27.5	659.1
144	6.50	263940.5	-6.9	-26.0	-623.8
145	6.75	263945.0	4.6	-10.4	-248.7
146	7.00	263945.0	0.0	.5	12.9


RTD AVG 65:2300 TO 66:0600
DEGREES F
51.5
51
50.5
0
1
2
3
4
5
6
7
8
DELTA TIME (IN HOURS)


CONT PRESSURE 65:2300 TO 66:0600
PSIA
51.7
51.6
51.5
0
1
2
3
4
5
6
7
8
DELTA TIME (IN HOURS)


DEW CELL AVG. 65:2300 TO 66:0600
DEGREES F
34
33
32
31
0
1
2
3
4
5
6
7
8
DELTA TIME (IN HOURS)


MP MEASURED 65:2300 TO 66:0600
LBS x 1,000
264.1
264
263.9
0
.1
2
3
4
5
6
7
8
DELTA TIME (IN HOURS)

APPENDIX C

TYPE A SUMMARY DATA

By Sensor
Enviroment
Mass Loss

RECORD NUMBER - 146 DATE - 66 TIME - 600

PRESSURES 52.6678 50.3412 AVG - 51.5045

RTD'S

01	46.1535	02	46.4786	03	48.7080	04	48.0577
05	46.9895	06	46.7108	07	46.8966	08	46.9430
09	46.8966	10	48.5686	11	46.7108	12	46.2464
13	46.2464	14	45.7820	15	55.6291	16	52.7954
17	52.8419	18	50.6123	19	53.2135	20	53.3064
21	52.7490	22	53.6780	23	53.4458	24	52.0522
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000				
AVG	50.3587						

DEW CELLS

DC 01	24.8000	DC 02	34.1146	DC 03	33.5572	DC 04	25.3384
DC 05	32.7116	DC 06	34.3608	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000		
AVG	31.2223						

AMBIENT PRESS - 14.4030
VAPOR PRESSURE - .0873
DRY PRESSURE - 51.4172
FLOWS - 0.0000 0.0000

RECORD NUMBER - 147 DATE - 66 TIME - 615

PRESSURES 52.6678 50.3372 AVG - 51.5025

RTD'S

01	46.1535	02	46.4322	03	48.6615	04	48.0577
05	46.9430	06	46.7108	07	46.8502	08	46.8502
09	46.8966	10	48.5222	11	46.7573	12	46.2464
13	46.2464	14	45.7820	15	55.2574	16	52.8419
17	52.8883	18	50.6123	19	53.2135	20	53.3064
21	52.7025	22	53.7245	23	53.4458	24	52.0522
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000				
AVG	50.3471						

DEW CELLS

DC 01	24.9441	DC 02	34.1146	DC 03	33.5572	DC 04	24.8000
DC 05	30.6269	DC 06	34.4835	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000		
AVG	30.6850						

AMBIENT PRESS - 14.4030
VAPOR PRESSURE - .0857
DRY PRESSURE - 51.4168
FLOWS - 0.0000 0.0000

RECORD NUMBER - 148 DATE - 66 TIME - 630

PRESSURES 52.6641 50.3230 AVG - 51.4935

RTD'S

01	46.1535	02	46.4322	03	48.8008	04	48.0577
05	46.9430	06	46.6644	07	46.9430	08	46.8037
09	46.8037	10	48.4757	11	46.6644	12	46.2928
13	46.2464	14	45.7820	15	55.4897	16	52.7490
17	52.7954	18	50.6123	19	53.1671	20	53.3064
21	52.6561	22	53.6316	23	53.3529	24	52.0987
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000				
AVG	50.3278						

DEW CELLS

DC 01	24.6556	DC 02	34.1146	DC 03	33.6504	DC 04	24.4746
DC 05	34.1146	DC 06	34.0529	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000		
AVG	31.3793						

AMBIENT PRESS - 14.4030
VAPOR PRESSURE - .0878
DRY PRESSURE - 51.4057
FLOWS - 0.0000 0.0000

RECORD NUMBER - 149 DATE - 66 TIME - 645

PRESSURES 52.6592 50.3270 AVG - 51.4931

RTD'S

01	46.1535	02	46.4322	03	48.7544	04	48.0577
05	46.9430	06	46.6644	07	46.8966	08	46.7573
09	46.8502	10	48.3828	11	46.7108	12	46.2464
13	46.2464	14	45.7820	15	55.5362	16	52.7490
17	52.7954	18	50.5658	19	53.1671	20	53.2600
21	52.6561	22	53.6316	23	53.3064	24	52.0987
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000				
AVG	50.3176						

DEW CELLS

DC 01	24.8000	DC 02	33.9602	DC 03	33.5572	DC 04	25.0878
DC 05	30.9848	DC 06	34.5754	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000		
AVG	30.7939						

AMBIENT PRESS - 14.4030
VAPOR PRESSURE - .0860
DRY PRESSURE - 51.4071
FLOWS - 0.0000 0.0000

RECORD NUMBER - 150 DATE - 66 TIME - 700

PRESSURES 52.6567 50.3291 AVG - 51.4929

RTD'S

01	46.1071	02	46.3857	03	48.6615	04	48.0113
05	46.8966	06	46.6179	07	46.8037	08	46.8037
09	46.8966	10	48.5222	11	46.6644	12	46.1535
13	46.1999	14	45.7820	15	55.4897	16	52.7025
17	52.7954	18	50.5194	19	53.1671	20	53.2135
21	52.6096	22	53.5851	23	53.3993	24	51.9593
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000				
AVG	50.2877						

DEW CELLS

DC 01	23.5974	DC 02	33.8984	DC 03	33.2453	DC 04	25.0160
DC 05	33.0261	DC 06	34.2993	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000		
AVG	30.9963						

AMBIENT PRESS - 14.4030
VAPOR PRESSURE - .0866
DRY PRESSURE - 51.4062
FLOWS - 0.0000 0.0000

RECORD NUMBER - 151 DATE - 66 TIME - 715

PRESSURES 52.6555 50.3362 AVG - 51.4958

RTD'S

01	46.0606	02	46.3857	03	48.6151	04	47.9648
05	46.8966	06	46.6179	07	46.8037	08	46.6644
09	46.8037	10	48.3828	11	46.6179	12	46.1999
13	46.1535	14	45.6891	15	55.4433	16	52.6561
17	52.7490	18	50.5658	19	53.1206	20	53.2135
21	52.6096	22	53.5851	23	53.3064	24	52.0058
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000				
AVG	50.2559						

DEW CELLS

DC 01	24.6194	DC 02	33.8365	DC 03	33.3702	DC 04	24.1837
DC 05	31.2437	DC 06	33.8365	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000		
AVG	30.5261						

AMBIENT PRESS - 14.4030
VAPOR PRESSURE - .0852
DRY PRESSURE - 51.4106
FLOWS - 0.0000 0.0000

RECORD NUMBER - 152 DATE - 66 TIME - 730

PRESSURES 52.6518 50.3301 AVG - 51.4909

RTD'S

01	46.0606	02	46.3393	03	48.6151	04	48.0113
05	46.8966	06	46.6179	07	46.8037	08	46.7108
09	46.8037	10	48.4757	11	46.6644	12	46.1999
13	46.1071	14	45.6891	15	55.4433	16	52.6561
17	52.7954	18	50.5194	19	53.0741	20	53.2135
21	52.6561	22	53.5387	23	53.3064	24	52.0058
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000				
AVG	50.2527						

DEW CELLS

DC 01	24.4746	DC 02	33.7745	DC 03	33.3078	DC 04	25.4811
DC 05	32.7746	DC 06	33.6504	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000		
AVG	31.0176						

AMBIENT PRESS - 14.4030
VAPOR PRESSURE - .0867
DRY PRESSURE - 51.4042
FLOWS - 0.0000 0.0000

RECORD NUMBER - 153 DATE - 66 TIME - 745

PRESSURES 52.6506 50.3220 AVG - 51.4863

RTD'S

01	46.0606	02	46.3393	03	48.5222	04	47.9648
05	46.8502	06	46.5715	07	46.7573	08	46.7108
09	46.8037	10	48.4293	11	46.6179	12	46.1535
13	46.1071	14	45.6426	15	55.3504	16	52.6561
17	52.7954	18	50.5194	19	53.1206	20	53.2135
21	52.6096	22	53.5387	23	53.3529	24	51.9593
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000				
AVG	50.2372						

DEW CELLS

DC 01	24.1107	DC 02	33.7125	DC 03	33.3702	DC 04	25.6235
DC 05	31.8543	DC 06	33.8365	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000		
AVG	30.8147						

AMBIENT PRESS - 14.4030
VAPOR PRESSURE - .0861
DRY PRESSURE - 51.4002
FLOWS - 0.0000 0.0000

RECORD NUMBER - 154 DATE - 66 TIME - 800

PRESSURES 52.6456 50.3189 AVG - 51.4823

RTD'S

01	46.0606	02	46.3393	03	48.6615	04	47.9184
05	46.8502	06	46.5715	07	46.8502	08	46.6644
09	46.7573	10	48.3828	11	46.5251	12	46.1071
13	46.1071	14	45.6891	15	55.3968	16	52.6096
17	52.6561	18	50.4729	19	53.0277	20	53.1671
21	52.5167	22	53.4922	23	53.2600	24	51.9593
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000				
AVG	50.2028						

DEW CELLS

DC 01	24.1107	DC 02	33.6193	DC 03	32.9633	DC 04	24.9441
DC 05	32.4905	DC 06	33.3078	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000		
AVG	30.6754						

AMBIENT PRESS - 14.4030
VAPOR PRESSURE - .0857
DRY PRESSURE - 51.3966
FLOWS - 0.0000 0.0000

RECORD NUMBER - 155 DATE - 66 TIME - 815

PRESSURES 52.6432 50.3159 AVG - 51.4795

RTD'S

01	46.0606	02	46.3393	03	48.7544	04	47.9184
05	46.8502	06	46.5715	07	46.7573	08	46.5715
09	46.5715	10	48.2899	11	46.5715	12	46.1071
13	46.1535	14	45.6891	15	55.1645	16	52.5632
17	52.6096	18	50.4729	19	53.0277	20	53.1671
21	52.5167	22	53.4458	23	53.1671	24	51.9593
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000				
AVG	50.1774						

DEW CELLS

DC 01	24.2565	DC 02	33.6504	DC 03	33.0888	DC 04	23.8547
DC 05	31.6621	DC 06	34.0529	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000		
AVG	30.4781						

AMBIENT PRESS - 14.4030
VAPOR PRESSURE - .0851
DRY PRESSURE - 51.3944
FLOWS - 0.0000 0.0000

RECORD NUMBER - 156 DATE - 66 TIME - 830

PRESSURES 52.6407 50.3139 AVG - 51.4773

RTD'S

01	46.0606	02	46.3393	03	48.6615	04	47.8719
05	46.8037	06	46.5251	07	46.8037	08	46.6644
09	46.7108	10	48.3364	11	46.5251	12	46.0606
13	46.1071	14	45.6891	15	55.1645	16	52.5632
17	52.6096	18	50.4729	19	53.0277	20	53.1206
21	52.5167	22	53.4458	23	53.2135	24	51.9129
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000				
AVG	50.1703						

DEW CELLS

DC 01	24.0011	DC 02	33.5572	DC 03	33.1828	DC 04	24.2565
DC 05	32.1414	DC 06	33.8984	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000		
AVG	30.6104						

AMBIENT PRESS - 14.4030
VAPOR PRESSURE - .0855
DRY PRESSURE - 51.3918
FLOWS - 0.0000 0.0000

RECORD NUMBER - 157 DATE - 66 TIME - 845

PRESSURES 52.6407 50.3128 AVG - 51.4768

RTD'S

01	46.0142	02	46.2928	03	48.4293	04	47.8719
05	46.8037	06	46.5251	07	46.7108	08	46.6644
09	46.7108	10	48.3828	11	46.5251	12	46.0606
13	46.0606	14	45.5962	15	55.3039	16	52.6096
17	52.6561	18	50.4729	19	53.0277	20	53.1206
21	52.5167	22	53.4922	23	53.2600	24	51.9129
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000				
AVG	50.1690						

DEW CELLS

DC 01	23.9279	DC 02	33.5572	DC 03	33.0261	DC 04	25.0878
DC 05	32.4905	DC 06	33.8984	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000		
AVG	30.7734						

AMBIENT PRESS - 14.4030
VAPOR PRESSURE - .0860
DRY PRESSURE - 51.3908
FLOWS - 0.0000 0.0000

RECORD NUMBER - 158 DATE - 66 TIME - 900

PRESSURES 52.6382 50.3128 AVG - 51.4755

RTD'S

01	45.9677	02	46.2928	03	48.5222	04	47.8719
05	46.8037	06	46.5251	07	46.6644	08	46.6179
09	46.7108	10	48.3828	11	46.4786	12	46.0606
13	46.0606	14	45.5962	15	55.1645	16	52.6096
17	52.7490	18	50.4265	19	53.0277	20	53.1206
21	52.5167	22	53.4922	23	53.2135	24	51.9129
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000				
AVG	50.1638						

DEW CELLS

DC 01	23.8547	DC 02	33.3702	DC 03	32.7746	DC 04	23.8547
DC 05	31.5980	DC 06	33.5572	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000		
AVG	30.2359						

AMBIENT PRESS - 14.4030
VAPOR PRESSURE - .0844
DRY PRESSURE - 51.3911
FLOWS - 0.0000 0.0000

RECORD NUMBER - 159 DATE - 66 TIME - 915

PRESSURES 52.6358 50.3098 AVG - 51.4728

RTD'S

01	45.9677	02	46.2464	03	48.6151	04	47.8719
05	46.7573	06	46.4786	07	46.7108	08	46.6644
09	46.7108	10	48.3364	11	46.4322	12	46.0606
13	46.0142	14	45.5962	15	55.1181	16	52.5632
17	52.7025	18	50.4265	19	53.0277	20	53.1206
21	52.5167	22	53.4458	23	53.2135	24	51.8664
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000				
AVG	50.1443						

DEW CELLS

DC 01	24.1107	DC 02	33.4326	DC 03	33.0261	DC 04	25.0878
DC 05	31.8863	DC 06	33.6193	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000		
AVG	30.5979						

AMBIENT PRESS - 14.4030
VAPOR PRESSURE - .0854
DRY PRESSURE - 51.3873
FLOWS - 0.0000 0.0000

RECORD NUMBER - 160 DATE - 66 TIME - 930

PRESSURES 52.6321 50.3088 AVG - 51.4704

RTD'S

01	46.0142	02	46.2928	03	48.6151	04	47.8255
05	46.7573	06	46.5251	07	46.7573	08	46.5251
09	46.5715	10	48.2435	11	46.4322	12	46.0606
13	46.0606	14	45.5962	15	55.2574	16	52.5167
17	52.6561	18	50.4265	19	52.9812	20	53.0741
21	52.4703	22	53.4458	23	53.1671	24	51.9129
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000				
AVG	50.1350						

DEW CELLS

DC 01	23.7813	DC 02	33.3078	DC 03	32.7116	DC 04	24.1107
DC 05	33.6193	DC 06	33.5572	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000		
AVG	30.7214						

AMBIENT PRESS - 14.4030
VAPOR PRESSURE - .0858
DRY PRESSURE - 51.3846
FLOWS - 0.0000 0.0000

RECORD NUMBER - 161 DATE - 66 TIME - 945

PRESSURES 52.6333 50.3088 AVG - 51.4710

RTD'S

01	46.0142	02	46.2928	03	48.7080	04	47.8255
05	46.7573	06	46.4786	07	46.6644	08	46.4786
09	46.4322	10	48.1506	11	46.4322	12	46.1071
13	46.1071	14	45.5498	15	55.0252	16	52.5167
17	52.5167	18	50.4729	19	52.9812	20	53.1206
21	52.4703	22	53.3993	23	53.1206	24	51.9129
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000				
AVG	50.1109						

DEW CELLS

DC 01	24.4746	DC 02	33.1828	DC 03	33.0888	DC 04	23.7078
DC 05	32.3320	DC 06	33.6504	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000		
AVG	30.5311						

AMBIENT PRESS - 14.4030
VAPOR PRESSURE - .0852
DRY PRESSURE - 51.3858
FLOWS - 0.0000 0.0000

RECORD NUMBER - 162 DATE - 66 TIME - 1000

PRESSURES 52.6296 50.3078 AVG - 51.4687

RTD'S

01	45.9677	02	46.1999	03	48.4293	04	47.8255
05	46.7108	06	46.4786	07	46.6179	08	46.6644
09	46.6644	10	48.2899	11	46.4786	12	46.0142
13	46.0142	14	45.5498	15	55.1645	16	52.5632
17	52.6096	18	50.4265	19	52.9812	20	53.0741
21	52.4703	22	53.4922	23	53.2135	24	51.8664
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000				
AVG	50.1196						

DEW CELLS

DC 01	23.3760	DC 02	33.2453	DC 03	32.5537	DC 04	24.0011
DC 05	34.6366	DC 06	33.0261	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000		
AVG	30.7709						

AMBIENT PRESS - 14.4030
VAPOR PRESSURE - .0860
DRY PRESSURE - 51.3827
FLOWS - 0.0000 0.0000

RECORD NUMBER - 163 DATE - 66 TIME - 1015

PRESSURES 52.6271 50.3057 AVG - 51.4664

RTD'S

01	45.9213	02	46.1999	03	48.3828	04	47.8255
05	46.7573	06	46.4322	07	46.6644	08	46.4322
09	46.5715	10	48.2899	11	46.4322	12	46.0142
13	46.0142	14	45.5498	15	55.1181	16	52.5167
17	52.6096	18	50.4265	19	52.9812	20	53.0741
21	52.4238	22	53.3993	23	53.1671	24	51.9129
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000				
AVG	50.0992						

DEW CELLS

DC 01	23.4499	DC 02	33.1515	DC 03	32.5537	DC 04	24.1107
DC 05	32.4271	DC 06	33.0888	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000		
AVG	30.2755						

AMBIENT PRESS - 14.4030
VAPOR PRESSURE - .0845
DRY PRESSURE - 51.3819
FLOWS - 0.0000 0.0000

RECORD NUMBER - 164 DATE - 66 TIME - 1030

PRESSURES 52.6271 50.3057 AVG - 51.4664

RTD'S

01	45.9213	02	46.1999	03	48.4293	04	47.7790
05	46.7108	06	46.4322	07	46.5251	08	46.6644
09	46.6644	10	48.2899	11	46.3857	12	45.9677
13	46.0142	14	45.5498	15	55.2110	16	52.5167
17	52.6561	18	50.3336	19	52.9812	20	53.0277
21	52.5167	22	53.4458	23	53.1671	24	51.8200
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000				
AVG	50.0995						

DEW CELLS

DC 01	23.5237	DC 02	33.1828	DC 03	32.7116	DC 04	24.8000
DC 05	31.4694	DC 06	33.1828	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000		
AVG	30.2182						

AMBIENT PRESS - 14.4030
VAPOR PRESSURE - .0843
DRY PRESSURE - 51.3821
FLOWS - 0.0000 0.0000

RECORD NUMBER - 165 DATE - 66 TIME - 1045

PRESSURES 52.6259 50.3037 AVG - 51.4648

RTD'S

01	45.9213	02	46.1999	03	48.5222	04	47.8255
05	46.7108	06	46.4322	07	46.5251	08	46.4786
09	46.6644	10	48.1970	11	46.4322	12	45.9677
13	45.9677	14	45.5033	15	54.8858	16	52.5167
17	52.6096	18	50.3800	19	52.9812	20	53.0741
21	52.4703	22	53.4458	23	53.1671	24	51.8664
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000				
AVG	50.0800						

DEW CELLS

DC 01	23.4499	DC 02	33.2453	DC 03	33.0888	DC 04	24.7279
DC 05	30.3325	DC 06	33.5572	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000		
AVG	30.0825						

AMBIENT PRESS - 14.4030
VAPOR PRESSURE - .0839
DRY PRESSURE - 51.3809
FLOWS - 0.0000 0.0000

RECORD NUMBER - 166 DATE - 66 TIME - 1100

PRESSURES 52.6234 50.3017 AVG - 51.4626

RTD'S

01	45.9213	02	46.1535	03	48.3828	04	47.8255
05	46.7108	06	46.4322	07	46.5715	08	46.5251
09	46.6179	10	48.2435	11	46.3857	12	46.0142
13	46.0142	14	45.5498	15	54.9323	16	52.4703
17	52.5632	18	50.3800	19	52.9348	20	53.0741
21	52.4238	22	53.3993	23	53.1206	24	51.8200
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000				
AVG	50.0679						

DEW CELLS

DC 01	23.4499	DC 02	33.0888	DC 03	32.6485	DC 04	23.7813
DC 05	34.1762	DC 06	32.7116	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000		
AVG	30.5963						

AMBIENT PRESS - 14.4030
VAPOR PRESSURE - .0854
DRY PRESSURE - 51.3771
FLOWS - 0.0000 0.0000

RECORD NUMBER - 167 DATE - 66 TIME - 1115

PRESSURES 52.6197 50.2986 AVG - 51.4592

RTD'S

01	45.9213	02	46.1999	03	48.4293	04	47.7790
05	46.7108	06	46.3857	07	46.5715	08	46.4786
09	46.5251	10	48.1506	11	46.3393	12	45.9677
13	46.0142	14	45.5033	15	54.9787	16	52.4238
17	52.4703	18	50.3336	19	52.8883	20	53.0277
21	52.3774	22	53.3064	23	53.0277	24	51.8200
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000				
AVG	50.0275						

DEW CELLS

DC 01	23.4499	DC 02	32.9633	DC 03	32.2686	DC 04	23.0423
DC 05	32.6169	DC 06	33.4949	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000		
AVG	30.1329						

AMBIENT PRESS - 14.4030
VAPOR PRESSURE - .0841
DRY PRESSURE - 51.3751
FLOWS - 0.0000 0.0000

RECORD NUMBER - 168 DATE - 66 TIME - 1130

PRESSURES 52.6197 50.2997 AVG - 51.4597

RTD'S

01	45.8748	02	46.1535	03	48.4293	04	47.7790
05	46.6644	06	46.3857	07	46.4786	08	46.5715
09	46.6179	10	48.1506	11	46.3857	12	45.9213
13	45.9213	14	45.5033	15	55.1181	16	52.4703
17	52.5632	18	50.2872	19	52.9348	20	53.0277
21	52.4703	22	53.3993	23	53.1671	24	51.8200
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000				
AVG	50.0506						

DEW CELLS

DC 01	23.5974	DC 02	32.9005	DC 03	32.3320	DC 04	24.9441
DC 05	31.4694	DC 06	33.0888	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000		
AVG	30.1164						

AMBIENT PRESS - 14.4030
VAPOR PRESSURE - .0840
DRY PRESSURE - 51.3757
FLOWS - 0.0000 0.0000

RECORD NUMBER - 169 DATE - 66 TIME - 1145

PRESSURES 52.6173 50.2976 AVG - 51.4575

RTD'S

01	45.9213	02	46.1535	03	48.4293	04	47.7326
05	46.6644	06	46.3857	07	46.5251	08	46.4786
09	46.5251	10	48.1970	11	46.3393	12	45.9677
13	45.9677	14	45.5033	15	55.1645	16	52.4703
17	52.5167	18	50.3336	19	52.8883	20	53.0277
21	52.4238	22	53.3993	23	53.1206	24	51.7735
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000				
AVG	50.0454						

DEW CELLS

DC 01	23.7078	DC 02	32.8376	DC 03	32.3638	DC 04	24.3293
DC 05	30.3325	DC 06	33.1828	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000		
AVG.	29.7835						

AMBIENT PRESS - 14.4030
VAPOR PRESSURE - .0831
DRY PRESSURE - 51.3744
FLOWS - 0.0000 0.0000

RECORD NUMBER - 170 DATE - 66 TIME - 1200

PRESSURES 52.6160 50.2966 AVG - 51.4563

RTD'S

01	45.8748	02	46.1535	03	48.4757	04	47.7790
05	46.6644	06	46.3857	07	46.6179	08	46.2928
09	46.5251	10	48.1970	11	46.3393	12	45.9677
13	46.0606	14	45.4569	15	54.8858	16	52.4238
17	52.4703	18	50.3800	19	52.8883	20	53.0277
21	52.4238	22	53.3529	23	53.0277	24	51.8200
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000				
AVG	50.0292						

DEW CELLS

DC 01	23.3760	DC 02	32.7746	DC 03	32.4905	DC 04	23.6711
DC 05	32.6485	DC 06	32.7116	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000		
AVG	30.1408						

AMBIENT PRESS - 14.4030
VAPOR PRESSURE - .0841
DRY PRESSURE - 51.3722
FLOWS - 0.0000 0.0000

RECORD NUMBER - 171 DATE - 66 TIME - 1215

PRESSURES 52.6136 50.2956 AVG - 51.4546

RTD'S

01	45.8748	02	46.1535	03	48.3828	04	47.7790
05	46.6644	06	46.3393	07	46.4786	08	46.4786
09	46.5715	10	48.1506	11	46.2928	12	45.8748
13	45.9677	14	45.4104	15	55.1181	16	52.4703
17	52.5167	18	50.2872	19	52.8419	20	52.9812
21	52.3774	22	53.3064	23	53.0741	24	51.7271
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000				
AVG	50.0100						

DEW CELLS

DC 01	23.3021	DC 02	32.7746	DC 03	32.3638	DC 04	24.0742
DC 05	32.3638	DC 06	33.0261	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000		
AVG	30.1440						

AMBIENT PRESS - 14.4030
VAPOR PRESSURE - .0841
DRY PRESSURE - 51.3705
FLOWS - 0.0000 0.0000

RECORD NUMBER - 172 DATE - 66 TIME - 1230

PRESSURES 52.6136 50.2956 AVG - 51.4546

RTD'S

01	45.8748	02	46.1535	03	48.5222	04	47.6862
05	46.6179	06	46.3393	07	46.5251	08	46.4786
09	46.4786	10	48.1042	11	46.2928	12	45.9213
13	46.0606	14	45.4569	15	54.8858	16	52.3774
17	52.6096	18	50.2872	19	52.8883	20	52.9812
21	52.3309	22	53.3064	23	53.0741	24	51.7735
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000				
AVG	50.0145						

DEW CELLS

DC 01	23.8547	DC 02	32.6169	DC 03	32.2686	DC 04	23.9279
DC 05	32.6169	DC 06	33.1828	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000		
AVG	30.2338						

AMBIENT PRESS - 14.4030
VAPOR PRESSURE - .0844
DRY PRESSURE - 51.3702
FLOWS - 0.0000 0.0000

RECORD NUMBER - 173 DATE - 66 TIME - 1245

PRESSURES 52.6099 50.2926 AVG - 51.4512

RTD'S

01	45.8748	02	46.1071	03	48.3364	04	47.7326
05	46.6644	06	46.3393	07	46.4786	08	46.4322
09	46.4786	10	48.1506	11	46.3393	12	45.9213
13	46.0142	14	45.5033	15	55.1181	16	52.3774
17	52.4238	18	50.3336	19	52.8419	20	52.9812
21	52.3774	22	53.3064	23	52.9812	24	51.7735
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000				
AVG	50.0040						

DEW CELLS

DC 01	23.0423	DC 02	32.6485	DC 03	32.2050	DC 04	22.6692
DC 05	30.0696	DC 06	32.4905	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000		
AVG	29.2258						

AMBIENT PRESS - 14.4030
VAPOR PRESSURE - .0815
DRY PRESSURE - 51.3697
FLOWS - 0.0000 0.0000

RECORD NUMBER - 174 DATE - 66 TIME - 1300

PRESSURES 52.6099 50.2926 AVG - 51.4512

RTD'S

01	45.8748	02	46.1071	03	48.3364	04	47.7326
05	46.6644	06	46.3393	07	46.4786	08	46.4786
09	46.4786	10	48.1506	11	46.2928	12	45.8748
13	45.9213	14	45.4569	15	54.8394	16	52.4238
17	52.4703	18	50.2872	19	52.8419	20	52.9812
21	52.3774	22	53.3064	23	53.0277	24	51.7735
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000				
AVG	49.9867						

DEW CELLS

DC 01	23.0795	DC 02	32.5537	DC 03	31.8543	DC 04	23.0795
DC 05	32.7746	DC 06	32.4271	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000		
AVG	29.8285						

AMBIENT PRESS - 14.4030
VAPOR PRESSURE - .0832
DRY PRESSURE - 51.3680
FLOWS - 0.0000 0.0000

RECORD NUMBER - 175 DATE - 66 TIME - 1315

PRESSURES 52.6099 50.2926 AVG - 51.4512

RTD'S

01	45.8284	02	46.0606	03	48.3364	04	47.6862
05	46.6179	06	46.6179	07	46.4322	08	46.4322
09	46.5251	10	48.1506	11	46.3393	12	45.8748
13	45.8748	14	45.4569	15	55.0716	16	52.4238
17	52.5167	18	50.2872	19	52.8883	20	52.9348
21	52.3309	22	53.3064	23	53.0277	24	51.7735
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000				
AVG	49.9952						

DEW CELLS

DC 01	23.3021	DC 02	32.6485	DC 03	32.4271	DC 04	24.1837
DC 05	30.9848	DC 06	32.8376	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000		
AVG	29.8088						

AMBIENT PRESS - 14.4030
VAPOR PRESSURE - .0832
DRY PRESSURE - 51.3681
FLOWS - 0.0000 0.0000

RECORD NUMBER - 176 DATE - 66 TIME - 1330

PRESSURES 52.6099 50.2926 AVG - 51.4512

RTD'S

01	45.8284	02	46.0606	03	48.2899	04	47.7326
05	46.6179	06	46.2928	07	46.4786	08	46.3857
09	46.5715	10	48.1506	11	46.2928	12	45.8748
13	45.8748	14	45.4569	15	55.1181	16	52.4238
17	52.4703	18	50.2872	19	52.8419	20	52.9812
21	52.3774	22	53.3064	23	53.0277	24	51.7735
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000				
AVG	49.9888						

DEW CELLS

DC 01	23.2280	DC 02	32.6169	DC 03	32.4271	DC 04	23.0795
DC 05	32.0140	DC 06	32.6485	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000		
AVG	29.8424						

AMBIENT PRESS - 14.4030
VAPOR PRESSURE - .0833
DRY PRESSURE - 51.3680
FLOWS - 0.0000 0.0000

RECORD NUMBER - 177 DATE - 66 TIME - 1345

PRESSURES 52.6062 50.2895 AVG - 51.4478

RTD'S

01	45.8284	02	46.0606	03	48.3364	04	47.6862
05	46.6179	06	46.2928	07	46.4786	08	46.3857
09	46.4786	10	47.9648	11	46.2928	12	45.8748
13	45.8748	14	45.4569	15	54.8858	16	52.4238
17	52.5167	18	50.2872	19	52.8419	20	52.9812
21	52.3774	22	53.3064	23	53.0277	24	51.7271
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000				
AVG	49.9766						

DEW CELLS

DC 01	23.1538	DC 02	32.4271	DC 03	31.9501	DC 04	22.6692
DC 05	32.5537	DC 06	32.7746	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000		
AVG	29.7855						

AMBIENT PRESS - 14.4030
VAPOR PRESSURE - .0831
DRY PRESSURE - 51.3648
FLOWS - 0.0000 0.0000

RECORD NUMBER - 178 DATE - 66 TIME - 1400

PRESSURES 52.6037 50.2875 AVG - 51.4456

RTD'S

01	45.8284	02	46.0606	03	48.3364	04	47.6862
05	46.6179	06	46.2928	07	46.4322	08	46.3857
09	46.4322	10	48.1042	11	46.2464	12	45.8748
13	45.8748	14	45.3640	15	55.1181	16	52.3774
17	52.4238	18	50.2407	19	52.8883	20	52.9812
21	52.3774	22	53.2600	23	53.0277	24	51.7271
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000				
AVG	49.9616						

DEW CELLS

DC 01	22.9679	DC 02	32.4271	DC 03	32.0777	DC 04	23.3760
DC 05	29.5403	DC 06	32.7746	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000		
AVG	29.1900						

AMBIENT PRESS - 14.4030
VAPOR PRESSURE - .0814
DRY PRESSURE - 51.3642
FLOWS - 0.0000 0.0000

RECORD NUMBER - 179 DATE - 66 TIME - 1415

PRESSURES 52.6025 50.2865 AVG - 51.4445

RTD'S

01	45.8284	02	46.0606	03	48.3364	04	47.7326
05	46.6179	06	46.2928	07	46.4322	08	46.2928
09	46.4786	10	48.0113	11	46.2928	12	45.8748
13	45.8748	14	45.3640	15	54.8858	16	52.4238
17	52.4703	18	50.2872	19	52.7954	20	52.9348
21	52.3309	22	53.2600	23	52.9812	24	51.7271
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000				
AVG	49.9522						

DEW CELLS

DC 01	22.8934	DC 02	32.3320	DC 03	31.4694	DC 04	22.4066
DC 05	29.0397	DC 06	32.6169	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000		
AVG.	28.7382						

AMBIENT PRESS - 14.4030
VAPOR PRESSURE - .0802
DRY PRESSURE - 51.3642
FLOWS - 0.0000 0.0000

RECORD NUMBER - 180 DATE - 66 TIME - 1430

PRESSURES 52.6025 50.2865 AVG - 51.4445

RTD'S

01	45.7820	02	46.0142	03	48.2899	04	47.6862
05	46.6179	06	46.2464	07	46.3393	08	46.4322
09	46.4786	10	48.1042	11	46.2928	12	45.8284
13	45.8748	14	45.3640	15	54.9787	16	52.4238
17	52.4703	18	50.2407	19	52.8419	20	52.9348
21	52.3309	22	53.3064	23	53.0741	24	51.6806
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000				
AVG	49.9557						

DEW CELLS

DC 01	22.7440	DC 02	32.3638	DC 03	31.9501	DC 04	23.5237
DC 05	32.4905	DC 06	32.5537	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000		
AVG	29.8108						

AMBIENT PRESS - 14.4030
VAPOR PRESSURE - .0832
DRY PRESSURE - 51.3613
FLOWS - 0.0000 0.0000

RECORD NUMBER - 181 DATE - 66 TIME - 1445

PRESSURES 52.5988 50.2845 AVG - 51.4416

RTD'S

01	45.8284	02	46.0142	03	48.3364	04	47.6397
05	46.6179	06	46.2464	07	46.3857	08	46.3857
09	46.3393	10	48.0113	11	46.2464	12	45.7820
13	45.7820	14	45.3640	15	55.0252	16	52.3774
17	52.4703	18	50.1943	19	52.8419	20	52.9348
21	52.3309	22	53.2600	23	53.0277	24	51.6806
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000				
AVG	49.9321						

DEW CELLS

DC 01	23.4499	DC 02	32.3320	DC 03	31.8543	DC 04	24.5470
DC 05	31.8863	DC 06	32.4271	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000		
AVG	29.8647						

AMBIENT PRESS - 14.4030
VAPOR PRESSURE - .0833
DRY PRESSURE - 51.3583
FLOWS - 0.0000 0.0000

RECORD NUMBER - 182 DATE - 66 TIME - 1500

PRESSURES 52.5988 50.2845 AVG - 51.4416

RTD'S

01	45.7820	02	46.0142	03	48.2899	04	47.6862
05	46.5715	06	46.2464	07	46.4322	08	46.3393
09	46.4322	10	48.1042	11	46.1999	12	45.7820
13	45.8284	14	45.4104	15	55.0716	16	52.3774
17	52.3774	18	50.2407	19	52.7954	20	52.8883
21	52.3309	22	53.2600	23	53.0277	24	51.6806
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000				
AVG	49.9337						

DEW CELLS

DC 01	22.9679	DC 02	32.2686	DC 03	31.9501	DC 04	23.7078
DC 05	33.1515	DC 06	32.4271	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000		
AVG	29.9928						

AMBIENT PRESS - 14.4030
VAPOR PRESSURE - .0837
DRY PRESSURE - 51.3579
FLOWS - 0.0000 0.0000

RECORD NUMBER - 183 DATE - 66 TIME - 1515

PRESSURES 52.5951 50.2814 AVG - 51.4382

RTD'S

01	45.8284	02	46.0606	03	48.3364	04	47.5933
05	46.5715	06	46.2464	07	46.3857	08	46.2928
09	46.3857	10	48.0113	11	46.1535	12	45.8284
13	45.8284	14	45.3640	15	54.9323	16	52.2845
17	52.3309	18	50.2407	19	52.7490	20	52.9348
21	52.3309	22	53.1671	23	52.8883	24	51.6806
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000				
AVG	49.8974						

DEW CELLS

DC 01	23.3021	DC 02	32.2686	DC 03	31.8863	DC 04	23.0423
DC 05	30.1354	DC 06	32.3320	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000		
AVG	29.1914						

AMBIENT PRESS - 14.4030
VAPOR PRESSURE - .0815
DRY PRESSURE - 51.3568
FLOWS - 0.0000 0.0000

RECORD NUMBER - 184 DATE - 66 TIME - 1530

PRESSURES 52.5951 50.2814 AVG - 51.4382

RTD'S

01	45.7820	02	46.0142	03	48.3828	04	47.6397
05	46.5715	06	46.2464	07	46.3393	08	46.3857
09	46.3857	10	48.0113	11	46.1999	12	45.7820
13	45.8284	14	45.4104	15	54.7465	16	52.3309
17	52.3774	18	50.1943	19	52.7954	20	52.8883
21	52.2845	22	53.2600	23	52.9348	24	51.6806
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000				
AVG	49.9037						

DEW CELLS

DC 01	22.9679	DC 02	32.0140	DC 03	31.6621	DC 04	23.7078
DC 05	31.8543	DC 06	32.2050	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000		
AVG	29.5591						

AMBIENT PRESS - 14.4030
VAPOR PRESSURE - .0825
DRY PRESSURE - 51.3558
FLOWS - 0.0000 0.0000

RECORD NUMBER - 185 DATE - 66 TIME - 1545

PRESSURES 52.5951 50.2814 AVG - 51.4382

RTD'S

01	45.7820	02	46.0142	03	48.2435	04	47.6397
05	46.5715	06	46.2464	07	46.2928	08	46.3393
09	46.4786	10	48.0113	11	46.1999	12	45.7820
13	45.8748	14	45.3640	15	54.9787	16	52.3774
17	52.3774	18	50.1478	19	52.7954	20	52.8883
21	52.3309	22	53.2600	23	52.9812	24	51.6806
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000				
AVG	49.9147						

DEW CELLS

DC 01	22.4066	DC 02	32.1414	DC 03	31.5980	DC 04	23.7078
DC 05	30.8224	DC 06	32.0140	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000		
AVG	29.2165						

AMBIENT PRESS - 14.4030
VAPOR PRESSURE - .0815
DRY PRESSURE - 51.3567
FLOWS - 0.0000 0.0000

RECORD NUMBER - 186 DATE - 66 TIME - 1600

PRESSURES 52.5939 50.2804 AVG - 51.4371

RTD'S

01	45.7820	02	46.0142	03	48.1970	04	47.6397
05	46.5715	06	46.1999	07	46.3393	08	46.3393
09	46.5251	10	48.0577	11	46.1999	12	45.7820
13	45.7820	14	45.3640	15	54.9323	16	52.3774
17	52.3774	18	50.1943	19	52.7954	20	52.8883
21	52.3309	22	53.2600	23	52.9812	24	51.6342
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000				
AVG	49.9070						

DEW CELLS

DC 01	22.6692	DC 02	32.1414	DC 03	31.4694	DC 04	23.4499
DC 05	30.8874	DC 06	31.8543	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000		
AVG	29.1698						

AMBIENT PRESS - 14.4030
VAPOR PRESSURE - .0814
DRY PRESSURE - 51.3557
FLOWS - 0.0000 0.0000

RECORD NUMBER - 187 DATE - 66 TIME - 1615

PRESSURES 52.5939 50.2804 AVG - 51.4371

RTD'S

01	45.7355	02	46.0142	03	48.2435	04	47.5933
05	46.5251	06	46.1999	07	46.2928	08	46.3857
09	46.4322	10	48.0577	11	46.1999	12	45.7820
13	45.8748	14	45.3175	15	54.7929	16	52.3309
17	52.4238	18	50.1943	19	52.7954	20	52.9348
21	52.3774	22	53.2600	23	52.9812	24	51.6806
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000				
AVG	49.9092						

DEW CELLS

DC 01	22.8188	DC 02	31.8543	DC 03	31.4694	DC 04	22.8934
DC 05	31.4050	DC 06	32.5537	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000		
AVG	29.3024						

AMBIENT PRESS - 14.4030
VAPOR PRESSURE - .0818
DRY PRESSURE - 51.3554
FLOWS - 0.0000 0.0000

RECORD NUMBER - 188 DATE - 66 TIME - 1630

PRESSURES 52.5865 50.2743 AVG - 51.4304

RTD'S

01	45.7820	02	46.0142	03	48.2435	04	47.5468
05	46.5251	06	46.1999	07	46.3393	08	46.3393
09	46.2928	10	48.0113	11	46.1535	12	45.7820
13	46.0142	14	45.3640	15	54.6071	16	52.2380
17	52.2845	18	50.1943	19	52.7025	20	52.8419
21	52.1916	22	53.1206	23	52.8419	24	51.6342
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000				
AVG	49.8586						

DEW CELLS

DC 01	22.6692	DC 02	31.8543	DC 03	31.5337	DC 04	22.8934
DC 05	30.6921	DC 06	32.2686	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000		
AVG	29.0879						

AMBIENT PRESS - 14.4030
VAPOR PRESSURE - .0812
DRY PRESSURE - 51.3492
FLOWS - 0.0000 0.0000

RECORD NUMBER - 189 DATE - 66 TIME - 1645

PRESSURES 52.5865 50.2753 AVG - 51.4309

RTD'S

01	45.7820	02	46.0142	03	48.3364	04	47.5468
05	46.5251	06	46.1999	07	46.3393	08	46.2464
09	46.3857	10	48.0113	11	46.1535	12	45.7820
13	45.7820	14	45.3175	15	54.8858	16	52.2845
17	52.3774	18	50.1943	19	52.7490	20	52.8883
21	52.2845	22	53.1671	23	52.9348	24	51.6806
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000				
AVG	49.8781						

DEW CELLS

DC 01	22.7440	DC 02	31.8543	DC 03	31.3405	DC 04	23.3021
DC 05	29.0397	DC 06	31.7263	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000		
AVG	28.6414						

AMBIENT PRESS - 14.4030
VAPOR PRESSURE - .0800
DRY PRESSURE - 51.3509
FLOWS - 0.0000 0.0000

RECORD NUMBER - 190 DATE - 66 TIME - 1700

PRESSURES 52.5877 50.2753 AVG - 51.4315

RTD'S

01	45.7355	02	45.9677	03	48.1970	04	47.5933
05	46.5251	06	46.1535	07	46.3857	08	46.1999
09	46.3857	10	47.9648	11	46.1535	12	45.7820
13	45.7820	14	45.3640	15	55.0252	16	52.2845
17	52.3309	18	50.1943	19	52.7490	20	52.8419
21	52.2380	22	53.1671	23	52.8883	24	51.6806
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000				
AVG	49.8710						

DEW CELLS

DC 01	22.1427	DC 02	31.8543	DC 03	31.1791	DC 04	22.3313
DC 05	32.3638	DC 06	32.2050	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000		
AVG	29.2392						

AMBIENT PRESS - 14.4030
VAPOR PRESSURE - .0816
DRY PRESSURE - 51.3499
FLOWS - 0.0000 0.0000

RECORD NUMBER - 191 DATE - 66 TIME - 1715

PRESSURES 52.5865 50.2743 AVG - 51.4304

RTD'S

01	45.7355	02	45.9677	03	48.2435	04	47.5468
05	46.5251	06	46.1535	07	46.3393	08	46.2464
09	46.3857	10	48.0113	11	46.1999	12	45.7820
13	45.7820	14	45.3175	15	54.9323	16	52.2845
17	52.3309	18	50.1478	19	52.7490	20	52.8419
21	52.2380	22	53.1671	23	52.9348	24	51.6806
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000				
AVG	49.8633						

DEW CELLS

DC 01	22.3313	DC 02	31.7263	DC 03	31.3405	DC 04	22.9679
DC 05	31.1144	DC 06	31.9501	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000		
AVG	29.0506						

AMBIENT PRESS - 14.4030
VAPOR PRESSURE - .0811
DRY PRESSURE - 51.3493
FLOWS - 0.0000 0.0000

RECORD NUMBER - 192 DATE - 66 TIME - 1730

PRESSURES 52.5840 50.2723 AVG - 51.4281

RTD'S

01	45.7355	02	45.9677	03	48.2435	04	47.5468
05	46.5251	06	46.1535	07	46.2928	08	46.1999
09	46.3393	10	47.9184	11	46.1535	12	45.7355
13	45.7820	14	45.3640	15	54.8394	16	52.2380
17	52.3774	18	50.1478	19	52.7490	20	52.8419
21	52.2380	22	53.1671	23	52.8883	24	51.6342
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000				
AVG	49.8534						

DEW CELLS

DC 01	22.4817	DC 02	31.6621	DC 03	31.4694	DC 04	22.8188
DC 05	28.5686	DC 06	31.7903	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000		
AVG	28.4454						

AMBIENT PRESS - 14.4030
VAPOR PRESSURE - .0795
DRY PRESSURE - 51.3487
FLOWS - 0.0000 0.0000

RECORD NUMBER - 193 DATE - 66 TIME - 1745

PRESSURES 52.5840 50.2733 AVG - 51.4286

RTD'S

01	45.7355	02	45.9213	03	48.1042	04	47.5933
05	46.4786	06	46.1535	07	46.1999	08	46.3393
09	46.4786	10	48.0113	11	46.1535	12	45.7355
13	45.7355	14	45.3175	15	54.7465	16	52.3309
17	52.4238	18	50.1478	19	52.7490	20	52.8883
21	52.2845	22	53.2135	23	52.9348	24	51.6342
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000				
AVG	49.8642						

DEW CELLS

DC 01	22.0671	DC 02	31.6621	DC 03	31.2437	DC 04	22.4066
DC 05	29.4738	DC 06	31.7263	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000		
AVG	28.4827						

AMBIENT PRESS - 14.4030
VAPOR PRESSURE - .0796
DRY PRESSURE - 51.3491
FLOWS - 0.0000 0.0000

RECORD NUMBER - 194 DATE - 66 TIME - 1800

PRESSURES 52.5815 50.2703 AVG - 51.4259

RTD'S

01	45.7355	02	45.9677	03	48.3364	04	47.5468
05	46.4786	06	46.1071	07	46.2928	08	46.2464
09	46.3393	10	47.9184	11	46.1071	12	45.7355
13	45.7355	14	45.2711	15	54.9323	16	52.3309
17	52.3309	18	50.1478	19	52.7490	20	52.7954
21	52.1916	22	53.2135	23	52.9348	24	51.5877
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000				
AVG	49.8466						

DEW CELLS

DC 01	22.2560	DC 02	31.5337	DC 03	30.7573	DC 04	23.1538
DC 05	29.3405	DC 06	32.0140	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000		
AVG	28.5039						

AMBIENT PRESS - 14.4030
VAPOR PRESSURE - .0796
DRY PRESSURE - 51.3463
FLOWS - 0.0000 0.0000

RECORD NUMBER - 195 DATE - 66 TIME - 1815

PRESSURES 52.5815 50.2682 AVG - 51.4249

RTD'S

01	45.6891	02	45.9213	03	48.1506	04	47.5468
05	46.4786	06	46.1071	07	46.2464	08	46.2928
09	46.3393	10	47.9648	11	46.1535	12	45.6891
13	45.6891	14	45.2711	15	54.8858	16	52.2845
17	52.3309	18	50.1014	19	52.7025	20	52.7954
21	52.1916	22	53.1206	23	52.8883	24	51.6342
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000				
AVG	49.8208						

DEW CELLS

DC 01	21.9156	DC 02	31.4694	DC 03	31.4050	DC 04	23.0423
DC 05	29.8386	DC 06	31.7903	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000		
AVG	28.6751						

AMBIENT PRESS - 14.4030
VAPOR PRESSURE - .0801
DRY PRESSURE - 51.3448
FLOWS - 0.0000 0.0000

RECORD NUMBER - 196 DATE - 66 TIME - 1830

PRESSURES 52.5803 50.2682 AVG - 51.4243

RTD'S

01	45.6891	02	45.9213	03	48.2899	04	47.5933
05	46.4786	06	46.1071	07	46.1535	08	46.2464
09	46.3393	10	47.9184	11	46.1535	12	45.6891
13	45.6891	14	45.2247	15	54.8858	16	52.2845
17	52.3309	18	50.1014	19	52.7025	20	52.7954
21	52.2845	22	53.1671	23	52.9348	24	51.5413
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000				
AVG	49.8221						

DEW CELLS

DC 01	21.9156	DC 02	31.4050	DC 03	30.9848	DC 04	23.2280
DC 05	28.5010	DC 06	31.7263	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000		
AVG	28.2725						

AMBIENT PRESS - 14.4030
VAPOR PRESSURE - .0790
DRY PRESSURE - 51.3452
FLOWS - 0.0000 0.0000

RECORD NUMBER - 197 DATE - 66 TIME - 1845

PRESSURES 52.5803 50.2662 AVG - 51.4233

RTD'S

01	45.6891	02	45.9213	03	48.1970	04	47.5468
05	46.4786	06	46.1071	07	46.2464	08	46.2464
09	46.2928	10	47.9184	11	46.0606	12	45.6891
13	45.7355	14	45.2247	15	54.7929	16	52.2380
17	52.2380	18	50.1014	19	52.7025	20	52.7954
21	52.1916	22	53.1206	23	52.8419	24	51.5877
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000				
AVG	49.7974						

DEW CELLS

DC 01	21.5350	DC 02	31.4050	DC 03	30.9523	DC 04	22.8934
DC 05	29.6067	DC 06	31.5337	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000		
AVG	28.3991						

AMBIENT PRESS - 14.4030
VAPOR PRESSURE - .0794
DRY PRESSURE - 51.3439
FLOWS - 0.0000 0.0000

RECORD NUMBER - 198 DATE - 66 TIME - 1900

PRESSURES 52.5766 50.2662 AVG - 51.4214

RTD'S

01	45.6891	02	45.9213	03	48.1042	04	47.5468
05	46.4786	06	46.1071	07	46.1535	08	46.2464
09	46.3857	10	47.9648	11	46.1535	12	45.6891
13	45.6891	14	45.2711	15	54.7465	16	52.2845
17	52.2845	18	50.1014	19	52.7490	20	52.8419
21	52.2380	22	53.1206	23	52.8883	24	51.5877
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000				
AVG	49.8136						

DEW CELLS

DC 01	21.6113	DC 02	31.3405	DC 03	30.6921	DC 04	23.0051
DC 05	30.0037	DC 06	31.5980	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000		
AVG	28.4609						

AMBIENT PRESS - 14.4030
VAPOR PRESSURE - .0795
DRY PRESSURE - 51.3419
FLOWS - 0.0000 0.0000

RECORD NUMBER - 199 DATE - 66 TIME - 1915

PRESSURES 52.5754 50.2652 AVG - 51.4203

RTD'S

01	45.6891	02	45.9213	03	48.1506	04	47.5468
05	46.4322	06	46.1071	07	46.1999	08	46.2464
09	46.3857	10	47.9184	11	46.1071	12	45.6891
13	45.6891	14	45.2711	15	54.7929	16	52.2380
17	52.3309	18	50.1014	19	52.7025	20	52.7954
21	52.1916	22	53.1206	23	52.8883	24	51.5877
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000				
AVG	49.8075						

DEW CELLS

DC 01	21.9156	DC 02	31.3083	DC 03	31.0496	DC 04	22.4066
DC 05	29.6399	DC 06	31.5980	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000		
AVG.	28.4019						

AMBIENT PRESS - 14.4030
VAPOR PRESSURE - .0794
DRY PRESSURE - 51.3409
FLOWS - 0.0000 0.0000

RECORD NUMBER - 200 DATE - 66 TIME - 1930

PRESSURES 52.5741 50.2642 AVG - 51.4192

RTD'S

01	45.6891	02	45.8748	03	48.1970	04	47.5468
05	46.4322	06	46.1071	07	46.1071	08	46.2928
09	46.3393	10	47.9648	11	46.0606	12	45.6426
13	45.6891	14	45.2711	15	54.7465	16	52.2845
17	52.3309	18	50.1014	19	52.7025	20	52.7954
21	52.1451	22	53.1671	23	52.8883	24	51.5413
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000				
AVG	49.8050						

DEW CELLS

DC 01	21.7637	DC 02	31.4694	DC 03	30.6269	DC 04	22.8934
DC 05	31.2437	DC 06	31.3083	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000		
AVG	28.7085						

AMBIENT PRESS - 14.4030
VAPOR PRESSURE - .0802
DRY PRESSURE - 51.3390
FLOWS - 0.0000 0.0000

RECORD NUMBER - 201 DATE - 66 TIME - 1945

PRESSURES 52.5741 50.2632 AVG - 51.4187

RTD'S

01	45.6891	02	45.9213	03	48.1970	04	47.5004
05	46.4322	06	46.1071	07	46.1999	08	46.0606
09	46.0606	10	47.8255	11	46.0142	12	45.6891
13	45.7355	14	45.2247	15	54.8394	16	52.2380
17	52.2380	18	50.1014	19	52.6561	20	52.7954
21	52.1916	22	53.0741	23	52.8419	24	51.5877
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000				
AVG	49.7823						

DEW CELLS

DC 01	22.2560	DC 02	31.2437	DC 03	30.6269	DC 04	21.2671
DC 05	30.4963	DC 06	31.6621	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000		
AVG	28.3753						

AMBIENT PRESS - 14.4030
VAPOR PRESSURE - .0793
DRY PRESSURE - 51.3394
FLOWS - 0.0000 0.0000

RECORD NUMBER - 202 DATE - 66 TIME - 2000

PRESSURES 52.5704 50.2611 AVG - 51.4158

RTD'S

01	45.6891	02	45.8748	03	48.1506	04	47.5468
05	46.4322	06	46.1071	07	46.1999	08	46.1999
09	46.3393	10	47.8719	11	46.0142	12	45.6891
13	45.7355	14	45.2711	15	54.3748	16	52.1451
17	52.2380	18	50.1014	19	52.6561	20	52.7490
21	52.1451	22	53.0741	23	52.8419	24	51.5877
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000				
AVG	49.7625						

DEW CELLS

DC 01	21.9914	DC 02	31.2437	DC 03	30.4635	DC 04	21.9914
DC 05	29.7724	DC 06	31.2437	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000		
AVG	28.1805						

AMBIENT PRESS - 14.4030
VAPOR PRESSURE - .0788
DRY PRESSURE - 51.3370
FLOWS - 0.0000 0.0000

RECORD NUMBER - 203 DATE - 66 TIME - 2015

PRESSURES 52.5680 50.2601 AVG - 51.4141

RTD'S

01	45.6891	02	45.9213	03	48.2435	04	47.4539
05	46.3857	06	46.0606	07	46.1999	08	46.1071
09	46.1999	10	47.8719	11	45.9677	12	45.6426
13	45.6891	14	45.2247	15	54.9323	16	52.2380
17	52.2380	18	50.1014	19	52.6561	20	52.7490
21	52.1451	22	53.0741	23	52.8419	24	51.5413
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000				
AVG	49.7754						

DEW CELLS

DC 01	22.1427	DC 02	31.1791	DC 03	30.6921	DC 04	22.1805
DC 05	30.7573	DC 06	31.4694	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000		
AVG	28.5415						

AMBIENT PRESS - 14.4030
VAPOR PRESSURE - .0797
DRY PRESSURE - 51.3343
FLOWS - 0.0000 0.0000

RECORD NUMBER - 204 DATE - 66 TIME - 2030

PRESSURES 52.5680 50.2591 AVG - 51.4135

RTD'S

01	45.6426	02	45.8748	03	48.2435	04	47.5004
05	46.4322	06	46.0606	07	46.1999	08	46.1071
09	46.1999	10	47.8719	11	46.0606	12	45.6426
13	45.6891	14	45.2247	15	54.8858	16	52.1916
17	52.2380	18	50.1014	19	52.6561	20	52.7490
21	52.1451	22	53.0741	23	52.8419	24	51.5877
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000				
AVG	49.7735						

DEW CELLS

DC 01	21.7637	DC 02	31.3083	DC 03	30.7573	DC 04	22.1805
DC 05	31.0496	DC 06	31.3405	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000		
AVG	28.5734						

AMBIENT PRESS - 14.4030
VAPOR PRESSURE - .0798
DRY PRESSURE - 51.3337
FLOWS - 0.0000 0.0000

RECORD NUMBER - 205 DATE - 66 TIME - 2045

PRESSURES 52.5692 50.2591 AVG - 51.4142

RTD'S

01	45.6426	02	45.8748	03	48.1506	04	47.4539
05	46.3857	06	46.0606	07	46.1071	08	46.3393
09	46.1999	10	47.8255	11	46.0142	12	45.6426
13	45.6891	14	45.1782	15	54.7929	16	52.2380
17	52.2845	18	50.1014	19	52.6561	20	52.7490
21	52.1916	22	53.1206	23	52.8419	24	51.5413
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000				
AVG	49.7733						

DEW CELLS

DC 01	22.1427	DC 02	31.1791	DC 03	30.5616	DC 04	23.0795
DC 05	29.1401	DC 06	31.5980	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000		
AVG	28.2858						

AMBIENT PRESS - 14.4030
VAPOR PRESSURE - .0791
DRY PRESSURE - 51.3351
FLOWS - 0.0000 0.0000

RECORD NUMBER - 206 DATE - 66 TIME - 2100

PRESSURES 52.5680 50.2591 AVG - 51.4135

RTD'S

01	45.6426	02	45.8748	03	48.0577	04	47.4539
05	46.3857	06	46.0606	07	46.1535	08	46.1535
09	46.2928	10	47.7790	11	46.0606	12	45.6426
13	45.6426	14	45.1782	15	54.7000	16	52.1916
17	52.2845	18	50.1014	19	52.6561	20	52.7954
21	52.2380	22	53.0741	23	52.8419	24	51.5877
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000				
AVG	49.7636						

DEW CELLS

DC 01	21.6876	DC 02	31.1144	DC 03	30.6921	DC 04	22.1805
DC 05	31.1144	DC 06	30.8224	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000		
AVG	28.4653						

AMBIENT PRESS - 14.4030
VAPOR PRESSURE - .0795
DRY PRESSURE - 51.3340
FLOWS - 0.0000 0.0000

RECORD NUMBER - 207 DATE - 66 TIME - 2115

PRESSURES 52.5680 50.2591 AVG - 51.4135

RTD'S

01	45.6426	02	45.8284	03	48.1042	04	47.4075
05	46.3857	06	46.0606	07	46.1535	08	46.1535
09	46.1999	10	47.8255	11	46.0142	12	45.6426
13	45.6891	14	45.1782	15	54.7000	16	52.1451
17	52.1916	18	50.0549	19	52.6096	20	52.7490
21	52.0987	22	53.0277	23	52.7954	24	51.5413
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000				
AVG	49.7302						

DEW CELLS

DC 01	21.5350	DC 02	31.0496	DC 03	30.6269	DC 04	21.9914
DC 05	30.5616	DC 06	31.4050	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000		
AVG	28.3543						

AMBIENT PRESS - 14.4030
VAPOR PRESSURE - .0792
DRY PRESSURE - 51.3343
FLOWS - 0.0000 0.0000

RECORD NUMBER - 208 DATE - 66 TIME - 2130

PRESSURES 52.5643 50.2561 AVG - 51.4102

RTD'S

01	45.6426	02	45.8284	03	48.1042	04	47.4075
05	46.3857	06	46.0606	07	46.1535	08	46.1071
09	46.2464	10	47.7326	11	45.9677	12	45.6426
13	45.5962	14	45.1782	15	54.6071	16	52.1451
17	52.2380	18	50.0549	19	52.6096	20	52.7490
21	52.1451	22	53.0741	23	52.7954	24	51.5413
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000				
AVG	49.7249						

DEW CELLS

DC 01	21.8397	DC 02	31.1144	DC 03	30.9848	DC 04	22.2560
DC 05	27.2359	DC 06	31.3405	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000		
AVG	27.7286						

AMBIENT PRESS - 14.4030
VAPOR PRESSURE - .0777
DRY PRESSURE - 51.3325
FLOWS - 0.0000 0.0000

RECORD NUMBER - 209 DATE - 66 TIME - 2145

PRESSURES 52.5643 50.2561 AVG - 51.4102

RTD'S

01	45.6426	02	45.8284	03	48.1042	04	47.5004
05	46.3857	06	46.0606	07	46.1535	08	46.1535
09	46.1999	10	47.7790	11	45.9677	12	45.5962
13	45.6891	14	45.2247	15	54.8394	16	52.1916
17	52.1916	18	50.0549	19	52.6096	20	52.7490
21	52.0987	22	53.0741	23	52.8419	24	51.5413
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000				
AVG	49.7479						

DEW CELLS

DC 01	21.5350	DC 02	31.1144	DC 03	30.6921	DC 04	21.3438
DC 05	28.5686	DC 06	30.8874	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000		
AVG	27.7290						

AMBIENT PRESS - 14.4030
VAPOR PRESSURE - .0777
DRY PRESSURE - 51.3325
FLOWS - 0.0000 0.0000

RECORD NUMBER - 210 DATE - 66 TIME - 2200

PRESSURES 52.5594 50.2530 AVG - 51.4062

RTD'S

01	45.6426	02	45.8284	03	48.0113	04	47.4539
05	46.3857	06	46.0142	07	46.1535	08	46.0606
09	46.2464	10	47.8255	11	46.0142	12	45.5962
13	45.6891	14	45.1782	15	54.5606	16	52.0987
17	52.2380	18	50.0085	19	52.6096	20	52.7490
21	52.0987	22	53.0277	23	52.7490	24	51.4948
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000				
AVG	49.7126						

DEW CELLS

DC 01	21.0364	DC 02	31.0496	DC 03	30.3981	DC 04	21.5350
DC 05	29.6399	DC 06	31.3405	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000		
AVG	27.9431						

AMBIENT PRESS - 14.4030
VAPOR PRESSURE - .0782
DRY PRESSURE - 51.3280
FLOWS - 0.0000 0.0000

RECORD NUMBER - 211 DATE - 66 TIME - 2215

PRESSURES 52.5594 50.2530 AVG - 51.4062

RTD'S

01	45.6426	02	45.8284	03	48.0577	04	47.4539
05	46.3857	06	46.0142	07	46.1535	08	46.0606
09	46.1535	10	47.8255	11	45.9677	12	45.5962
13	45.5962	14	45.1782	15	54.7465	16	52.1451
17	52.2380	18	50.0549	19	52.6096	20	52.7025
21	52.0987	22	53.0277	23	52.7954	24	51.5413
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000				
AVG	49.7207						

DEW CELLS

DC 01	21.4586	DC 02	30.9848	DC 03	30.5616	DC 04	22.1805
DC 05	32.3638	DC 06	31.4050	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000		
AVG	28.7767						

AMBIENT PRESS - 14.4030
VAPOR PRESSURE - .0803
DRY PRESSURE - 51.3259
FLOWS - 0.0000 0.0000

RECORD NUMBER - 218 DATE - 67 TIME - 0

PRESSURES 52.5532 50.2469 AVG - 51.4001

RTD'S

01	45.5962	02	45.7820	03	47.9648	04	47.3610
05	46.3393	06	45.9677	07	46.0142	08	46.1071
09	46.1999	10	47.7326	11	45.8748	12	45.5498
13	45.6426	14	45.1782	15	54.6535	16	52.0987
17	52.0987	18	50.0085	19	52.6096	20	52.6561
21	52.0522	22	52.9812	23	52.7490	24	51.4948
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000				
AVG	49.6770						

DEW CELLS

DC 01	21.6113	DC 02	30.6921	DC 03	30.3981	DC 04	22.0671
DC 05	31.1791	DC 06	31.2437	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000		
AVG	28.4055						

AMBIENT PRESS - 14.4030
VAPOR PRESSURE - .0794
DRY PRESSURE - 51.3207
FLOWS - 0.0000 0.0000

RECORD NUMBER - 219 DATE - 67 TIME - 15

PRESSURES 52.5507 50.2439 AVG - 51.3973

RTD'S

01	45.5962	02	45.7820	03	48.0113	04	47.3610
05	46.2928	06	45.9677	07	46.1071	08	45.9677
09	46.1071	10	47.7326	11	45.9213	12	45.5962
13	45.7355	14	45.1318	15	54.5606	16	52.0522
17	52.0987	18	50.0085	19	52.5632	20	52.6561
21	52.0522	22	52.9812	23	52.6561	24	51.4484
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000				
AVG	49.6631						

DEW CELLS

DC 01	21.5350	DC 02	30.6269	DC 03	30.2012	DC 04	20.7661
DC 05	32.6485	DC 06	30.6269	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000		
AVG	28.3977						

AMBIENT PRESS - 14.4030
VAPOR PRESSURE - .0794
DRY PRESSURE - 51.3180
FLOWS - 0.0000 0.0000

RECORD NUMBER - 216 DATE - 66 TIME - 2330

PRESSURES 52.5569 50.2500 AVG - 51.4034

RTD'S

01	45.5962	02	45.7820	03	47.9184	04	47.4075
05	46.3393	06	45.9677	07	46.0606	08	46.1535
09	46.2928	10	47.7790	11	45.9677	12	45.5498
13	45.5962	14	45.1782	15	54.6071	16	52.1451
17	52.1916	18	50.0085	19	52.6096	20	52.7490
21	52.0987	22	53.0741	23	52.7954	24	51.4484
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000				
AVG	49.7005						

DEW CELLS

DC 01	21.4586	DC 02	30.7573	DC 03	30.2669	DC 04	22.1805
DC 05	30.8874	DC 06	30.6921	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000		
AVG	28.2272						

AMBIENT PRESS - 14.4030
VAPOR PRESSURE - .0789
DRY PRESSURE - 51.3245
FLOWS - 0.0000 0.0000

RECORD NUMBER - 217 DATE - 66 TIME - 2345

PRESSURES 52.5544 50.2490 AVG - 51.4017

RTD'S

01	45.5962	02	45.7820	03	48.0113	04	47.4075
05	46.3393	06	46.0142	07	46.0142	08	46.1071
09	46.2464	10	47.7790	11	45.9213	12	45.5498
13	45.5962	14	45.1318	15	54.6071	16	52.0987
17	52.1451	18	50.0085	19	52.6096	20	52.7025
21	52.0987	22	53.0277	23	52.7954	24	51.4948
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000				
AVG	49.6858						

DEW CELLS

DC 01	21.3438	DC 02	30.7573	DC 03	30.2012	DC 04	22.0671
DC 05	27.8206	DC 06	31.1791	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000		
AVG	27.5315						

AMBIENT PRESS - 14.4030
VAPOR PRESSURE - .0772
DRY PRESSURE - 51.3245
FLOWS - 0.0000 0.0000

RECORD NUMBER - 214 DATE - 66 TIME - 2300

PRESSURES 52.5581 50.2520 AVG - 51.4051

RTD'S

01	45.5962	02	45.7820	03	48.0113	04	47.4539
05	46.3857	06	46.0142	07	46.1071	08	46.1535
09	46.2928	10	47.8255	11	46.0142	12	45.5498
13	45.5962	14	45.1318	15	54.7000	16	52.1451
17	52.2845	18	50.0085	19	52.6561	20	52.7490
21	52.0987	22	53.0741	23	52.7954	24	51.4948
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000				
AVG	49.7200						

DEW CELLS

DC 01	21.4203	DC 02	30.8874	DC 03	30.2669	DC 04	22.4817
DC 05	32.0777	DC 06	30.6269	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000		
AVG	28.5525						

AMBIENT PRESS - 14.4030
VAPOR PRESSURE - .0798
DRY PRESSURE - 51.3253
FLOWS - 0.0000 0.0000

RECORD NUMBER - 215 DATE - 66 TIME - 2315

PRESSURES 52.5557 50.2500 AVG - 51.4028

RTD'S

01	45.5962	02	45.7820	03	47.9648	04	47.4075
05	46.3393	06	46.0142	07	46.0606	08	46.1535
09	46.2464	10	47.8255	11	45.9677	12	45.5033
13	45.5498	14	45.1318	15	54.7465	16	52.1451
17	52.1916	18	50.0085	19	52.6096	20	52.6561
21	52.1451	22	53.0741	23	52.7954	24	51.4484
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000				
AVG	49.6967						

DEW CELLS

DC 01	21.3438	DC 02	30.7573	DC 03	30.0696	DC 04	22.2560
DC 05	28.7710	DC 06	30.8224	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000		
AVG	27.6990						

AMBIENT PRESS - 14.4030
VAPOR PRESSURE - .0776
DRY PRESSURE - 51.3252
FLOWS - 0.0000 0.0000

RECORD NUMBER - 212 DATE - 66 TIME - 2230

PRESSURES 52.5594 50.2530 AVG - 51.4062

RTD'S

01	45.5962	02	45.8284	03	48.0577	04	47.4075
05	46.3857	06	46.0142	07	46.1071	08	46.0606
09	46.1535	10	47.8255	11	46.0142	12	45.5962
13	45.6426	14	45.1782	15	54.7929	16	52.1451
17	52.1451	18	50.0549	19	52.6096	20	52.7025
21	52.0987	22	53.0277	23	52.7490	24	51.4948
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000				
AVG	49.7119						

DEW CELLS

DC 01	21.8397	DC 02	30.8874	DC 03	30.4308	DC 04	22.0293
DC 05	30.9848	DC 06	30.8224	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000		
AVG	28.3453						

AMBIENT PRESS - 14.4030
VAPOR PRESSURE - .0792
DRY PRESSURE - 51.3270
FLOWS - 0.0000 0.0000

RECORD NUMBER - 213 DATE - 66 TIME - 2245

PRESSURES 52.5581 50.2520 AVG - 51.4051

RTD'S

01	45.5962	02	45.8284	03	48.0113	04	47.4539
05	46.3857	06	46.0142	07	46.0606	08	46.1071
09	46.2464	10	47.8255	11	45.9213	12	45.5498
13	45.5962	14	45.1318	15	54.8858	16	52.1916
17	52.2380	18	50.0085	19	52.6096	20	52.7025
21	52.0987	22	53.0741	23	52.7954	24	51.4484
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000				
AVG	49.7171						

DEW CELLS

DC 01	21.2671	DC 02	30.9523	DC 03	30.6269	DC 04	22.4066
DC 05	29.7724	DC 06	30.9523	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000		
AVG	28.1200						

AMBIENT PRESS - 14.4030
VAPOR PRESSURE - .0786
DRY PRESSURE - 51.3264
FLOWS - 0.0000 0.0000

RECORD NUMBER - 220 DATE - 67 TIME - 30

PRESSURES 52.5507 50.2449 AVG - 51.3978

RTD'S

01	45.5498	02	45.7820	03	47.9648	04	47.3610
05	46.3393	06	45.9677	07	46.0142	08	45.9213
09	46.1071	10	47.6862	11	45.9213	12	45.5498
13	45.5498	14	45.1318	15	54.8394	16	52.1451
17	52.0987	18	50.0085	19	52.5632	20	52.6561
21	52.0522	22	52.9812	23	52.7025	24	51.4948
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000				
AVG	49.6657						

DEW CELLS

DC 01	21.4203	DC 02	30.6269	DC 03	30.4635	DC 04	21.2671
DC 05	30.6269	DC 06	30.7573	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000		
AVG	28.0651						

AMBIENT PRESS - 14.4030
VAPOR PRESSURE - .0785
DRY PRESSURE - 51.3193
FLOWS - 0.0000 0.0000

RECORD NUMBER - 221 DATE - 67 TIME - 45

PRESSURES 52.5495 50.2419 AVG - 51.3957

RTD'S

01	45.5498	02	45.7820	03	47.8719	04	47.3610
05	46.3393	06	45.9213	07	46.0142	08	46.0606
09	46.1999	10	47.7326	11	45.9213	12	45.5033
13	45.5962	14	45.1318	15	54.4677	16	52.0522
17	52.1451	18	49.9620	19	52.5632	20	52.6561
21	52.0522	22	52.9348	23	52.7025	24	51.4484
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000				
AVG	49.6437						

DEW CELLS

DC 01	21.2671	DC 02	30.4963	DC 03	29.9377	DC 04	21.8397
DC 05	28.1618	DC 06	30.9523	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000		
AVG	27.4446						

AMBIENT PRESS - 14.4030
VAPOR PRESSURE - .0770
DRY PRESSURE - 51.3187
FLOWS - 0.0000 0.0000

RECORD NUMBER - 222 DATE - 67 TIME - 100

PRESSURES 52.5507 50.2439 AVG - 51.3973

RTD'S

01	45.5498	02	45.7355	03	47.9184	04	47.3610
05	46.2928	06	45.9677	07	45.9677	08	46.1071
09	46.2464	10	47.7326	11	45.9213	12	45.5033
13	45.5962	14	45.0853	15	54.6535	16	52.1451
17	52.1451	18	49.9620	19	52.6096	20	52.7025
21	52.0987	22	53.0741	23	52.7954	24	51.4019
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000				
AVG	49.6722						

DEW CELLS

DC 01	21.0364	DC 02	30.4963	DC 03	30.3981	DC 04	21.7637
DC 05	29.0397	DC 06	30.6269	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000		
AVG	27.6711						

AMBIENT PRESS - 14.4030
VAPOR PRESSURE - .0775
DRY PRESSURE - 51.3198
FLOWS - 0.0000 0.0000

RECORD NUMBER - 223 DATE - 67 TIME - 115

PRESSURES 52.5470 50.2409 AVG - 51.3940

RTD'S

01	45.5498	02	45.7355	03	47.9184	04	47.3610
05	46.2928	06	45.9213	07	46.0142	08	46.0142
09	46.1071	10	47.6862	11	45.9213	12	45.5033
13	45.5962	14	45.1318	15	54.5606	16	52.0987
17	52.0987	18	50.0085	19	52.5632	20	52.6096
21	52.0522	22	52.9812	23	52.7025	24	51.4484
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000				
AVG	49.6472						

DEW CELLS

DC 01	21.3438	DC 02	30.4635	DC 03	29.9047	DC 04	21.4203
DC 05	28.0937	DC 06	30.4635	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000		
AVG	27.2885						

AMBIENT PRESS - 14.4030
VAPOR PRESSURE - .0766
DRY PRESSURE - 51.3173
FLOWS - 0.0000 0.0000

RECORD NUMBER - 224 DATE - 67 TIME - 130

PRESSURES 52.5470 50.2409 AVG - 51.3940

RTD'S

01	45.5498	02	45.7355	03	47.9184	04	47.3146
05	46.2928	06	45.9213	07	46.0142	08	46.0606
09	46.1535	10	47.6862	11	45.8748	12	45.5033
13	45.5498	14	45.0853	15	54.6535	16	52.0987
17	52.0987	18	49.9620	19	52.5632	20	52.6561
21	52.0058	22	52.9812	23	52.7490	24	51.4484
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000				
AVG	49.6410						

DEW CELLS

DC 01	21.3438	DC 02	30.4635	DC 03	30.0037	DC 04	20.5334
DC 05	26.4704	DC 06	30.5616	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000		
AVG	26.8090						

AMBIENT PRESS - 14.4030
VAPOR PRESSURE - .0755
DRY PRESSURE - 51.3185
FLOWS - 0.0000 0.0000

RECORD NUMBER - 225 DATE - 67 TIME - 145

PRESSURES 52.5446 50.2388 AVG - 51.3917

RTD'S

01	45.5498	02	45.7355	03	47.8719	04	47.3146
05	46.2928	06	45.8748	07	46.0142	08	45.8748
09	46.1535	10	47.6862	11	45.8748	12	45.5498
13	45.5498	14	45.0389	15	54.7000	16	52.0522
17	52.0987	18	50.0085	19	52.5167	20	52.6561
21	52.0522	22	52.9348	23	52.7025	24	51.4019
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000				
AVG	49.6274						

DEW CELLS

DC 01	21.5350	DC 02	30.3981	DC 03	29.9047	DC 04	20.8435
DC 05	32.4271	DC 06	30.6269	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000		
AVG	28.2640						

AMBIENT PRESS - 14.4030
VAPOR PRESSURE - .0790
DRY PRESSURE - 51.3127
FLOWS - 0.0000 0.0000

RECORD NUMBER - 226 DATE - 67 TIME - 200

PRESSURES 52.5446 50.2388 AVG - 51.3917

RTD'S

01	45.5498	02	45.7355	03	47.9184	04	47.3146
05	46.2928	06	45.8748	07	45.9677	08	45.9213
09	46.1071	10	47.6862	11	45.8748	12	45.5033
13	45.5498	14	45.0853	15	54.5606	16	52.0987
17	52.1916	18	49.9620	19	52.5632	20	52.6561
21	52.0522	22	52.9812	23	52.7025	24	51.4484
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000				
AVG	49.6405						

DEW CELLS

DC 01	21.0364	DC 02	30.3325	DC 03	30.2012	DC 04	21.1903
DC 05	31.9501	DC 06	30.6921	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000		
AVG	28.2168						

AMBIENT PRESS - 14.4030
VAPOR PRESSURE - .0789
DRY PRESSURE - 51.3128
FLOWS - 0.0000 0.0000

RECORD NUMBER - 227 DATE - 67 TIME - 215

PRESSURES 52.5446 50.2388 AVG - 51.3917

RTD'S

01	45.5498	02	45.7355	03	47.9184	04	47.3146
05	46.2928	06	45.8748	07	46.0142	08	45.9677
09	46.0606	10	47.6397	11	45.8748	12	45.4569
13	45.5498	14	45.0853	15	54.6071	16	52.0522
17	52.0987	18	49.9620	19	52.5632	20	52.6561
21	52.0058	22	52.9348	23	52.7025	24	51.4484
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000				
AVG	49.6247						

DEW CELLS

DC 01	20.8435	DC 02	30.4635	DC 03	29.9377	DC 04	21.1903
DC 05	30.9848	DC 06	30.4635	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000		
AVG	27.8822						

AMBIENT PRESS - 14.4030
VAPOR PRESSURE - .0780
DRY PRESSURE - 51.3137
FLOWS - 0.0000 0.0000

RECORD NUMBER - 228 DATE - 67 TIME - 230

PRESSURES 52.5421 50.2368 AVG - 51.3895

RTD'S

01	45.5033	02	45.7355	03	47.8719	04	47.2682
05	46.2464	06	45.8748	07	45.9677	08	45.9213
09	46.0142	10	47.5933	11	45.8748	12	45.5033
13	45.5033	14	45.0389	15	54.6535	16	52.0522
17	52.0987	18	49.9620	19	52.5167	20	52.6096
21	52.0058	22	52.9348	23	52.7490	24	51.4019
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000				
AVG	49.6076						

DEW CELLS

DC 01	21.1903	DC 02	30.3325	DC 03	29.6399	DC 04	20.9979
DC 05	28.4671	DC 06	30.3325	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000		
AVG	27.1978						

AMBIENT PRESS - 14.4030
VAPOR PRESSURE - .0764
DRY PRESSURE - 51.3131
FLOWS - 0.0000 0.0000

RECORD NUMBER - 229 DATE - 67 TIME - 245

PRESSURES 52.5409 50.2358 AVG - 51.3883

RTD'S

01	45.5498	02	45.7355	03	47.9648	04	47.2682
05	46.2464	06	45.9213	07	46.0142	08	45.8284
09	46.0606	10	47.5933	11	45.7820	12	45.5033
13	45.5033	14	45.0389	15	54.7000	16	52.0522
17	52.0522	18	49.9620	19	52.5167	20	52.6096
21	51.9593	22	52.9348	23	52.6561	24	51.4019
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000				
AVG	49.6006						

DEW CELLS

DC 01	21.2671	DC 02	30.1354	DC 03	29.7062	DC 04	20.5334
DC 05	28.9055	DC 06	30.3981	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000		
AVG	27.2452						

AMBIENT PRESS - 14.4030
VAPOR PRESSURE - .0765
DRY PRESSURE - 51.3118
FLOWS - 0.0000 0.0000

RECORD NUMBER - 230 DATE - 67 TIME - 300

PRESSURES 52.5409 50.2348 AVG - 51.3878

RTD'S

01	45.5033	02	45.7355	03	47.8255	04	47.2682
05	46.2464	06	45.8748	07	45.9677	08	45.9213
09	46.1071	10	47.6397	11	45.8748	12	45.4569
13	45.5033	14	45.0853	15	54.6071	16	52.0058
17	52.0987	18	49.9620	19	52.5167	20	52.6096
21	51.9593	22	52.9348	23	52.6561	24	51.4019
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000				
AVG	49.5994						

DEW CELLS

DC 01	21.1134	DC 02	30.3981	DC 03	29.8386	DC 04	21.4586
DC 05	30.4635	DC 06	30.2669	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000		
AVG	27.7729						

AMBIENT PRESS - 14.4030
VAPOR PRESSURE - .0778
DRY PRESSURE - 51.3101
FLOWS - 0.0000 0.0000

RECORD NUMBER - 231 DATE - 67 TIME - 315

PRESSURES 52.5396 50.2338 AVG - 51.3867

RTD'S

01	45.5033	02	45.6891	03	47.9648	04	47.2682
05	46.2464	06	45.8748	07	45.9677	08	45.9213
09	46.0606	10	47.5468	11	45.8284	12	45.5033
13	45.5033	14	45.0853	15	54.7000	16	52.0058
17	52.0987	18	49.9620	19	52.5167	20	52.6096
21	52.0058	22	52.9348	23	52.6561	24	51.4019
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000				
AVG	49.6049						

DEW CELLS

DC 01	21.1903	DC 02	30.2669	DC 03	29.6399	DC 04	20.7661
DC 05	29.2070	DC 06	30.3981	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000		
AVG	27.3403						

AMBIENT PRESS - 14.4030
VAPOR PRESSURE - .0767
DRY PRESSURE - 51.3100
FLOWS - 0.0000 0.0000

RECORD NUMBER - 232 DATE - 67 TIME - 330

PRESSURES 52.5384 50.2328 AVG - 51.3856

RTD'S

01	45.5033	02	45.6891	03	47.8719	04	47.3146
05	46.2464	06	45.8748	07	45.9213	08	45.9677
09	46.0606	10	47.5468	11	45.8284	12	45.4569
13	45.4569	14	44.9924	15	54.5142	16	52.0522
17	52.1451	18	49.9156	19	52.5167	20	52.6096
21	52.0058	22	52.9348	23	52.7025	24	51.4019
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000				
AVG	49.5902						

DEW CELLS

DC 01	21.1903	DC 02	30.2669	DC 03	29.9047	DC 04	21.6876
DC 05	29.5403	DC 06	30.3325	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000		
AVG	27.6116						

AMBIENT PRESS - 14.4030
VAPOR PRESSURE - .0774
DRY PRESSURE - 51.3082
FLOWS - 0.0000 0.0000

RECORD NUMBER - 233 DATE - 67 TIME - 345

PRESSURES 52.5360 50.2317 AVG - 51.3838

RTD'S

01	45.5033	02	45.6891	03	47.8719	04	47.2682
05	46.2464	06	45.8748	07	45.9677	08	46.0142
09	46.0142	10	47.6397	11	45.7820	12	45.4569
13	45.5033	14	45.0853	15	54.4677	16	51.9593
17	52.0522	18	49.9156	19	52.4703	20	52.6096
21	51.9593	22	52.8883	23	52.7025	24	51.3555
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000				
AVG	49.5756						

DEW CELLS

DC 01	20.8435	DC 02	30.2012	DC 03	29.7724	DC 04	21.6876
DC 05	30.8224	DC 06	30.1354	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000		
AVG	27.8038						

AMBIENT PRESS - 14.4030
VAPOR PRESSURE - .0779
DRY PRESSURE - 51.3060
FLOWS - 0.0000 0.0000

RECORD NUMBER - 234 DATE - 67 TIME - 400

PRESSURES 52.5372 50.2317 AVG - 51.3845

RTD'S

01	45.5033	02	45.6891	03	47.8719	04	47.2217
05	46.1999	06	45.8284	07	45.9213	08	46.0142
09	46.0606	10	47.5933	11	45.7820	12	45.4569
13	45.4569	14	44.9924	15	54.7000	16	52.0522
17	52.0522	18	49.9156	19	52.4703	20	52.6096
21	52.0058	22	52.9348	23	52.6561	24	51.4019
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000				
AVG	49.5818						

DEW CELLS

DC 01	21.3438	DC 02	30.2012	DC 03	29.9377	DC 04	21.6876
DC 05	30.8874	DC 06	30.3325	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000		
AVG	27.9489						

AMBIENT PRESS - 14.4030
VAPOR PRESSURE - .0782
DRY PRESSURE - 51.3062
FLOWS - 0.0000 0.0000

RECORD NUMBER - 235 DATE - 67 TIME - 415

PRESSURES 52.5347 50.2297 AVG - 51.3822

RTD'S

01	45.4569	02	45.6426	03	47.9184	04	47.2682
05	46.1999	06	45.8284	07	45.9213	08	45.9677
09	46.0606	10	47.5933	11	45.7820	12	45.4569
13	45.5498	14	44.9924	15	54.5606	16	51.9593
17	52.0522	18	49.9156	19	52.4703	20	52.6096
21	52.0058	22	52.8883	23	52.6096	24	51.4019
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000				
AVG	49.5708						

DEW CELLS

DC 01	20.8435	DC 02	30.1354	DC 03	29.7724	DC 04	21.4203
DC 05	31.6621	DC 06	30.0037	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000		
AVG	27.9344						

AMBIENT PRESS - 14.4030
VAPOR PRESSURE - .0782
DRY PRESSURE - 51.3040
FLOWS - 0.0000 0.0000

RECORD NUMBER - 236 DATE - 67 TIME - 430

PRESSURES 52.5347 50.2297 AVG - 51.3822

RTD'S

01	45.4104	02	45.6426	03	47.8255	04	47.2217
05	46.2464	06	45.8284	07	45.8748	08	45.9677
09	46.0606	10	47.5933	11	45.7820	12	45.4104
13	45.4569	14	44.9924	15	54.5606	16	52.0058
17	52.0522	18	49.9156	19	52.5167	20	52.6096
21	52.0058	22	52.8883	23	52.6561	24	51.4019
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000				
AVG	49.5671						

DEW CELLS

DC 01	20.8435	DC 02	30.1354	DC 03	29.7062	DC 04	22.0671
DC 05	26.3301	DC 06	30.2012	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000		
AVG	26.7900						

AMBIENT PRESS - 14.4030
VAPOR PRESSURE - .0754
DRY PRESSURE - 51.3068
FLOWS - 0.0000 0.0000

RECORD NUMBER - 237 DATE - 67 TIME - 445

PRESSURES 52.5347 50.2297 AVG - 51.3822

RTD'S

01	45.4569	02	45.6426	03	47.7790	04	47.2682
05	46.1999	06	45.8284	07	45.8748	08	45.9213
09	46.0606	10	47.5933	11	45.7820	12	45.4104
13	45.4569	14	44.9924	15	54.5606	16	52.0058
17	52.0987	18	49.9156	19	52.5167	20	52.6096
21	52.0522	22	52.8883	23	52.6561	24	51.3555
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000				
AVG	49.5703						

DEW CELLS

DC 01	20.6887	DC 02	30.0696	DC 03	29.4738	DC 04	21.8397
DC 05	29.2070	DC 06	30.3325	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000		
AVG	27.3733						

AMBIENT PRESS - 14.4030
VAPOR PRESSURE - .0768
DRY PRESSURE - 51.3054
FLOWS - 0.0000 0.0000

RECORD NUMBER - 238 DATE - 67 TIME - 500

PRESSURES 52.5323 50.2287 AVG - 51.3805

RTD'S

01	45.4569	02	45.6426	03	47.7790	04	47.2217
05	46.1999	06	45.8284	07	45.8748	08	46.0142
09	46.0606	10	47.5933	11	45.8284	12	45.4104
13	45.4569	14	45.0389	15	54.5606	16	52.0058
17	52.0987	18	49.8691	19	52.4703	20	52.5632
21	51.9593	22	52.9348	23	52.6561	24	51.3555
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000				
AVG	49.5647						

DEW CELLS

DC 01	20.5334	DC 02	30.0696	DC 03	29.6067	DC 04	21.4586
DC 05	27.9573	DC 06	30.0037	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000		
AVG	26.9831						

AMBIENT PRESS - 14.4030
VAPOR PRESSURE - .0759
DRY PRESSURE - 51.3046
FLOWS - 0.0000 0.0000

RECORD NUMBER - 239 DATE - 67 TIME - 515

PRESSURES 52.5323 50.2257 AVG - 51.3790

RTD'S

01	45.4569	02	45.6426	03	47.7790	04	47.2217
05	46.1999	06	45.7820	07	45.8748	08	45.9213
09	46.0606	10	47.5468	11	45.8284	12	45.3640
13	45.4569	14	44.9924	15	54.4677	16	52.0058
17	52.0987	18	49.8691	19	52.4703	20	52.5632
21	52.0058	22	52.8883	23	52.6561	24	51.3555
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000				
AVG	49.5529						

DEW CELLS

DC 01	20.9207	DC 02	29.9047	DC 03	29.2738	DC 04	21.0364
DC 05	28.1618	DC 06	30.4635	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000		
AVG	26.9887						

AMBIENT PRESS - 14.4030
VAPOR PRESSURE - .0759
DRY PRESSURE - 51.3031
FLOWS - 0.0000 0.0000

RECORD NUMBER - 240 DATE - 67 TIME - 530

PRESSURES 52.5298 50.2246 AVG - 51.3772

RTD'S

01	45.4569	02	45.6426	03	47.8255	04	47.1753
05	46.1999	06	45.7820	07	45.8748	08	45.9677
09	46.0142	10	47.5468	11	45.7820	12	45.4104
13	45.5033	14	45.0389	15	54.4213	16	51.9129
17	51.9593	18	49.8691	19	52.4238	20	52.5632
21	51.9593	22	52.8419	23	52.5632	24	51.3090
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000				
AVG	49.5250						

DEW CELLS

DC 01	20.4167	DC 02	29.8386	DC 03	29.4738	DC 04	20.7661
DC 05	31.6621	DC 06	30.4635	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000		
AVG	27.7521						

AMBIENT PRESS - 14.4030
VAPOR PRESSURE - .0777
DRY PRESSURE - 51.2995
FLOWS - 0.0000 0.0000

RECORD NUMBER - 241 DATE - 67 TIME - 545

PRESSURES 52.5298 50.2236 AVG - 51.3767

RTD'S

01	45.4569	02	45.6426	03	47.8719	04	47.1753
05	46.1999	06	45.7820	07	45.8748	08	45.8748
09	45.9213	10	47.5468	11	45.7355	12	45.4104
13	45.4569	14	45.0389	15	54.4677	16	51.9593
17	51.9593	18	49.8691	19	52.4703	20	52.5632
21	51.9593	22	52.8419	23	52.5632	24	51.3555
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000				
AVG	49.5284						

DEW CELLS

DC 01	20.3388	DC 02	29.8386	DC 03	29.0732	DC 04	20.4946
DC 05	28.6361	DC 06	29.9377	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0:0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000		
AVG	26.8133						

AMBIENT PRESS - 14.4030
VAPOR PRESSURE - .0755
DRY PRESSURE - 51.3012
FLOWS - 0.0000 0.0000

RECORD NUMBER - 242 DATE - 67 TIME - 600

PRESSURES 52.5286 50.2236 AVG - 51.3761

RTD'S

01	45.4104	02	45.5962	03	47.7790	04	47.1753
05	46.1999	06	45.7820	07	45.8284	08	45.9213
09	46.0142	10	47.5004	11	45.8284	12	45.4104
13	45.4104	14	44.9924	15	54.6071	16	51.9593
17	52.0522	18	49.8691	19	52.4703	20	52.5632
21	51.9593	22	52.8419	23	52.6096	24	51.3555
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000				
AVG	49.5348						

DEW CELLS

DC 01	20.3388	DC 02	29.8386	DC 03	29.2070	DC 04	20.7661
DC 05	26.9934	DC 06	29.6067	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000	INACT	0.0000
INACT	0.0000	INACT	0.0000	INACT	0.0000		
AVG	26.4484						

AMBIENT PRESS - 14.4030

VAPOR PRESSURE - .0747

DRY PRESSURE - 51.3014

FLOWS - 0.0000 0.0000

********** ENVIRONMENT LISTING **********

JULIAN DATE - 66 TIME - 600

REC NUM	DATE	TIME	TEMP	VAPOR PRESSURE	CONTAINMENT PRESSURE	RELATIVE HUMIDITY	AIR DENSITY	PSIA VARIANCE
146	66	0600	510.029	.0873	51.4172	48.49	.2721	0.00000
147	66	0615	510.017	.0857	51.4168	47.61	.2721	-.00040
148	66	0630	509.998	.0878	51.4057	48.82	.2721	-.01106
149	66	0645	509.988	.0860	51.4071	47.84	.2721	.00135
150	66	0700	509.958	.0866	51.4062	48.24	.2721	-.00083
151	66	0715	509.926	.0852	51.4106	47.51	.2721	.00434
152	66	0730	509.923	.0867	51.4042	48.34	.2721	-.00636
153	66	0745	509.907	.0861	51.4002	48.02	.2721	-.00406
154	66	0800	509.873	.0857	51.3966	47.85	.2721	-.00357
155	66	0815	509.847	.0851	51.3944	47.57	.2721	-.00217
156	66	0830	509.840	.0855	51.3918	47.80	.2721	-.00264
157	66	0845	509.839	.0860	51.3908	48.08	.2721	-.00099
158	66	0900	509.834	.0844	51.3911	47.20	.2721	.00035
159	66	0915	509.814	.0854	51.3873	47.83	.2721	-.00381
160	66	0930	509.805	.0858	51.3846	48.05	.2721	-.00272
161	66	0945	509.781	.0852	51.3858	47.78	.2721	.00118
162	66	1000	509.790	.0860	51.3827	48.16	.2721	-.00307
163	66	1015	509.769	.0845	51.3819	47.38	.2721	-.00078
164	66	1030	509.769	.0843	51.3821	47.29	.2721	.00017
165	66	1045	509.750	.0839	51.3809	47.10	.2721	-.00124
166	66	1100	509.738	.0854	51.3771	47.96	.2721	-.00375
167	66	1115	509.698	.0841	51.3751	47.27	.2721	-.00202
168	66	1130	509.721	.0840	51.3757	47.21	.2721	.00055
169	66	1145	509.715	.0831	51.3744	46.68	.2720	-.00130
170	66	1200	509.699	.0841	51.3722	47.28	.2720	-.00214
171	66	1215	509.680	.0841	51.3705	47.32	.2720	-.00175
172	66	1230	509.685	.0844	51.3702	47.46	.2720	-.00026
173	66	1245	509.674	.0815	51.3697	45.89	.2720	-.00054
174	66	1300	509.657	.0832	51.3680	46.86	.2720	-.00167
175	66	1315	509.665	.0832	51.3681	46.81	.2720	.00006
176	66	1330	509.659	.0833	51.3680	46.88	.2720	-.00010
177	66	1345	509.647	.0831	51.3648	46.81	.2720	-.00321
178	66	1400	509.632	.0814	51.3642	45.91	.2720	-.00060
179	66	1415	509.622	.0802	51.3642	45.24	.2720	.00009
180	66	1430	509.626	.0832	51.3613	46.88	.2720	-.00293
181	66	1445	509.602	.0833	51.3583	47.01	.2720	-.00301
182	66	1500	509.604	.0837	51.3579	47.22	.2720	-.00036
183	66	1515	509.567	.0815	51.3568	46.02	.2720	-.00114
184	66	1530	509.574	.0825	51.3558	46.58	.2720	-.00101
185	66	1545	509.585	.0815	51.3567	46.03	.2720	.00094
186	66	1600	509.577	.0814	51.3557	45.97	.2720	-.00100
187	66	1615	509.579	.0818	51.3554	46.17	.2720	-.00036
188	66	1630	509.529	.0812	51.3492	45.93	.2720	-.00616
189	66	1645	509.548	.0800	51.3509	45.22	.2720	.00169
190	66	1700	509.541	.0816	51.3499	46.14	.2720	-.00098
191	66	1715	509.533	.0811	51.3493	45.86	.2720	-.00061
192	66	1730	509.523	.0795	51.3487	44.98	.2720	-.00065
193	66	1745	509.534	.0796	51.3491	45.01	.2720	.00041
194	66	1800	509.517	.0796	51.3463	45.07	.2720	-.00281
195	66	1815	509.491	.0801	51.3448	45.37	.2720	-.00146
196	66	1830	509.492	.0790	51.3452	44.78	.2720	.00043

********** ENVIRONMENT LISTING **********

JULIAN DATE - 66 TIME - 600

REC NUM	DATE	TIME	TEMP	VAPOR PRESSURE	CONTAINMENT PRESSURE	RELATIVE HUMIDITY	AIR DENSITY	PSIA VARIANCE
197	66	1845	509.467	.0794	51.3439	45.00	.2720	-.00134
198	66	1900	509.484	.0795	51.3419	45.07	.2720	-.00201
199	66	1915	509.478	.0794	51.3409	44.99	.2720	-.00097
200	66	1930	509.475	.0802	51.3390	45.45	.2720	-.00192
201	66	1945	509.452	.0793	51.3394	44.99	.2720	.00036
202	66	2000	509.433	.0788	51.3370	44.75	.2720	-.00236
203	66	2015	509.445	.0797	51.3343	45.25	.2720	-.00267
204	66	2030	509.443	.0798	51.3337	45.30	.2720	-.00059
205	66	2045	509.443	.0791	51.3351	44.88	.2720	.00136
206	66	2100	509.434	.0795	51.3340	45.16	.2720	-.00108
207	66	2115	509.400	.0792	51.3343	45.05	.2720	.00029
208	66	2130	509.395	.0777	51.3325	44.17	.2720	-.00180
209	66	2145	509.418	.0777	51.3325	44.13	.2720	-0.00000
210	66	2200	509.383	.0782	51.3280	44.49	.2720	-.00451
211	66	2215	509.391	.0803	51.3259	45.69	.2720	-.00214
212	66	2230	509.382	.0792	51.3270	45.07	.2720	.00112
213	66	2245	509.387	.0786	51.3264	44.74	.2720	-.00055
214	66	2300	509.390	.0798	51.3253	45.36	.2720	-.00111
215	66	2315	509.367	.0776	51.3252	44.17	.2720	-.00009
216	66	2330	509.371	.0789	51.3245	44.92	.2720	-.00070
217	66	2345	509.356	.0772	51.3245	43.96	.2720	-.00001
218	67	0000	509.347	.0794	51.3207	45.22	.2720	-.00381
219	67	0015	509.333	.0794	51.3180	45.23	.2720	-.00273
220	67	0030	509.336	.0785	51.3193	44.74	.2720	.00135
221	67	0045	509.314	.0770	51.3187	43.91	.2720	-.00061
222	67	0100	509.342	.0775	51.3198	44.18	.2720	.00108
223	67	0115	509.317	.0766	51.3173	43.69	.2720	-.00245
224	67	0130	509.311	.0755	51.3185	43.06	.2720	.00112
225	67	0145	509.297	.0790	51.3127	45.10	.2719	-.00577
226	67	0200	509.310	.0789	51.3128	45.00	.2719	.00012
227	67	0215	509.295	.0780	51.3137	44.55	.2720	.00084
228	67	0230	509.278	.0764	51.3131	43.63	.2720	-.00059
229	67	0245	509.271	.0765	51.3118	43.71	.2720	-.00123
230	67	0300	509.269	.0778	51.3101	44.44	.2719	-.00178
231	67	0315	509.275	.0767	51.3100	43.83	.2719	-.00007
232	67	0330	509.260	.0774	51.3082	44.23	.2719	-.00178
233	67	0345	509.246	.0779	51.3060	44.52	.2719	-.00221
234	67	0400	509.252	.0782	51.3062	44.72	.2719	.00026
235	67	0415	509.241	.0782	51.3040	44.72	.2719	-.00221
236	67	0430	509.237	.0754	51.3068	43.16	.2719	.00274
237	67	0445	509.240	.0768	51.3054	43.93	.2719	-.00137
238	67	0500	509.235	.0759	51.3046	43.42	.2719	-.00082
239	67	0515	509.223	.0759	51.3031	43.44	.2719	-.00153
240	67	0530	509.195	.0777	51.2995	44.54	.2719	-.00356
241	67	0545	509.198	.0755	51.3012	43.25	.2719	.00172
242	67	0600	509.205	.0747	51.3014	42.77	.2719	.00021

********** MASS LOSS CALCULATION RESULTS **********

JULIAN DATE - 66 TIME - 600

REC NUM	TIME (DELTA HOURS)	CONT AIR MASS	MASS LOSS INCR	MASS LOSS (1 HR)	MASS LOSS (x 24)
146	0.00	263945.0	0.0	0.0	0.0
147	.25	263949.0	4.0	0.0	0.0
148	.50	263902.2	-46.8	0.0	0.0
149	.75	263914.4	12.2	0.0	0.0
150	1.00	263925.6	11.2	19.4	465.3
151	1.25	263964.4	38.7	-15.4	-368.9
152	1.50	263933.3	-31.0	-31.1	-747.0
153	1.75	263920.5	-12.8	-6.1	-146.5
154	2.00	263920.0	-.5	5.6	135.0
155	2.25	263922.0	2.0	42.3	1016.3
156	2.50	263912.1	-9.9	21.2	508.6
157	2.75	263907.7	-4.4	12.8	307.8
158	3.00	263912.2	4.5	7.8	187.3
159	3.25	263902.7	-9.5	19.3	462.9
160	3.50	263893.6	-9.2	18.6	446.0
161	3.75	263912.1	18.5	-4.4	-104.8
162	4.00	263891.8	-20.2	20.4	488.8
163	4.25	263898.3	6.5	4.4	105.1
164	4.50	263899.1	.7	-5.5	-132.0
165	4.75	263902.8	3.7	9.3	223.1
166	5.00	263889.8	-12.9	2.0	48.1
167	5.25	263900.4	10.5	-2.0	-48.7
168	5.50	263891.3	-9.1	7.8	186.5
169	5.75	263887.3	-4.0	15.5	371.4
170	6.00	263884.7	-2.6	5.1	123.4
171	6.25	263885.7	1.0	14.7	353.0
172	6.50	263882.0	-3.7	9.3	224.1
173	6.75	263884.7	2.7	2.6	63.5
174	7.00	263885.0	.4	-.3	-8.3
175	7.25	263880.9	-4.1	4.8	114.4
176	7.50	263883.7	2.9	-1.8	-43.0
177	7.75	263873.5	-10.2	11.1	266.9
178	8.00	263878.3	4.7	6.8	162.3
179	8.25	263883.6	5.3	-2.7	-64.7
180	8.50	263866.7	-16.9	17.0	408.8
181	8.75	263863.4	-3.3	10.1	242.6
182	9.00	263860.7	-2.7	17.5	421.1
183	9.25	263873.7	13.0	9.9	237.5
184	9.50	263865.2	-8.5	1.5	35.6
185	9.75	263864.4	-.8	-1.0	-23.5
186	10.00	263863.3	-1.1	-2.5	-61.0
187	10.25	263860.3	-3.0	13.4	321.6
188	10.50	263854.8	-5.5	10.4	249.4
189	10.75	263853.4	-1.4	11.0	263.7
190	11.00	263852.1	-1.3	11.2	268.3
191	11.25	263852.9	.8	7.3	176.4
192	11.50	263854.7	1.8	.1	3.1
193	11.75	263851.2	-3.5	2.2	53.2
194	12.00	263845.9	-5.3	6.2	148.8
195	12.25	263851.7	5.9	1.2	28.6
196	12.50	263853.3	1.5	1.4	34.5

********** MASS LOSS CALCULATION RESULTS **********

JULIAN DATE - 66 TIME - 600

REC NUM	TIME (DELTA HOURS)	CONT AIR MASS	MASS LOSS INCR	MASS LOSS (1 HR)	MASS LOSS (x 24)
197	12.75	263859.2	5.9	-8.0	-191.2
198	13.00	263840.5	-18.7	5.4	129.5
199	13.25	263838.6	-1.9	13.1	314.4
200	13.50	263830.1	-8.6	23.2	556.4
201	13.75	263843.7	13.6	15.5	372.0
202	14.00	263841.8	-1.9	-1.3	-30.7
203	14.25	263821.4	-20.3	17.2	413.0
204	14.50	263819.4	-2.1	10.7	256.9
205	14.75	263826.5	7.1	17.2	413.0
206	15.00	263825.9	-.6	15.9	380.8
207	15.25	263844.7	18.8	-23.3	-558.3
208	15.50	263838.2	-6.5	-18.8	-451.9
209	15.75	263826.3	-11.9	.2	4.0
210	16.00	263821.4	-4.9	4.5	108.8
211	16.25	263806.2	-15.2	38.5	924.9
212	16.50	263816.5	10.3	21.7	521.1
213	16.75	263811.0	-5.5	15.3	367.5
214	17.00	263803.8	-7.2	17.6	421.8
215	17.25	263815.4	11.6	-9.3	-222.3
216	17.50	263809.8	-5.6	6.7	160.6
217	17.75	263817.4	7.6	-6.4	-153.5
218	18.00	263802.3	-15.0	1.5	35.1
219	18.25	263795.5	-6.9	20.0	479.0
220	18.50	263801.1	5.6	8.7	209.5
221	18.75	263809.4	8.3	8.0	192.7
222	19.00	263800.1	-9.2	2.2	53.1
223	19.25	263800.5	.4	-5.1	-121.3
224	19.50	263809.5	9.0	-8.4	-202.2
225	19.75	263786.9	-22.6	22.5	539.8
226	20.00	263780.7	-6.1	19.4	465.9
227	20.25	263793.2	12.5	7.3	175.7
228	20.50	263799.0	5.8	10.5	251.3
229	20.75	263796.4	-2.7	-9.5	-227.9
230	21.00	263787.8	-8.6	-7.1	-169.5
231	21.25	263784.6	-3.2	8.6	207.1
232	21.50	263783.0	-1.5	16.0	384.2
233	21.75	263779.2	-3.8	17.1	411.2
234	22.00	263777.4	-1.8	10.4	249.8
235	22.25	263771.7	-5.7	12.9	309.4
236	22.50	263787.7	16.0	-4.7	-111.6
237	22.75	263779.0	-8.7	.2	5.8
238	23.00	263777.7	-1.3	-.3	-7.5
239	23.25	263775.9	-1.8	-4.2	-101.1
240	23.50	263772.1	-3.8	15.6	374.6
241	23.75	263779.1	7.1	-.1	-3.4
242	24.00	263776.9	-2.2	.8	19.3

APPENDIX D

TYPE A CALCULATIONS

Mass Point Analysis
Total Time Analysis

********** MASS POINT CALCULATION RESULTS **********

JULIAN DATE - 66 TIME - 600

TIME	TEMP	VAPOR PRESS	DEW PT	CONT AIR PRESS	CONT AIR MASS	LSF LEAK RATE	UPPER CONF LEVEL
0600	510.029	0.0873	31.222	51.417	263945.02	0.00000	0.00000
0615	510.017	0.0857	30.685	51.417	263948.98	0.00000	0.00000
0630	509.998	0.0878	31.379	51.406	263902.22	.77844	0.00000
0645	509.988	0.0860	30.794	51.407	263914.43	.50388	1.34573
0700	509.958	0.0866	30.996	51.406	263925.63	.26670	.77194
0715	509.926	0.0852	30.526	51.411	263964.35	-.04034	.44185
0730	509.923	0.0867	31.018	51.404	263933.34	-.02482	.29796
0745	509.907	0.0861	30.815	51.400	263920.54	.02252	.26054
0800	509.873	0.0857	30.675	51.397	263920.01	.04439	.22573
0815	509.847	0.0851	30.478	51.394	263922.01	.04914	.19122
0830	509.840	0.0855	30.610	51.392	263912.15	.06580	.18151
0845	509.839	0.0860	30.773	51.391	263907.71	.07908	.17528
0900	509.834	0.0844	30.236	51.391	263912.21	.07912	.15968
0915	509.814	0.0854	30.598	51.387	263902.72	.08674	.15565
0930	509.805	0.0858	30.721	51.385	263893.56	.09784	.15822
0945	509.781	0.0852	30.531	51.386	263912.08	.08827	.14167
1000	509.790	0.0860	30.771	51.383	263891.84	.09439	.14168
1015	509.769	0.0845	30.275	51.382	263898.34	.09289	.13476
1030	509.769	0.0843	30.218	51.382	263899.06	.08993	.12737
1045	509.750	0.0839	30.083	51.381	263902.78	.08456	.11856
1100	509.738	0.0854	30.596	51.377	263889.84	.08560	.11629
1115	509.698	0.0841	30.133	51.375	263900.36	.08083	.10905
1130	509.721	0.0840	30.116	51.376	263891.29	.07990	.10562
1145	509.715	0.0831	29.783	51.374	263887.31	.07984	.10336
1200	509.699	0.0841	30.141	51.372	263884.69	.07993	.10153
1215	509.680	0.0841	30.144	51.370	263885.66	.07902	.09894
1230	509.685	0.0844	30.234	51.370	263881.95	.07874	.09716
1245	509.674	0.0815	29.226	51.370	263884.66	.07721	.09435
1300	509.657	0.0832	29.829	51.368	263885.04	.07534	.09138
1315	509.665	0.0832	29.809	51.368	263880.89	.07431	.08930
1330	509.659	0.0833	29.842	51.368	263883.74	.07240	.08652
1345	509.647	0.0831	29.786	51.365	263873.54	.07251	.08574
1400	509.632	0.0814	29.190	51.364	263878.28	.07130	.08377
1415	509.622	0.0802	28.738	51.364	263883.58	.06896	.08090
1430	509.626	0.0832	29.811	51.361	263866.71	.06959	.08085
1445	509.602	0.0833	29.865	51.358	263863.44	.07034	.08100
1500	509.604	0.0837	29.993	51.358	263860.73	.07110	.08120
1515	509.567	0.0815	29.191	51.357	263873.69	.06955	.07923
1530	509.574	0.0825	29.559	51.356	263865.23	.06914	.07832
1545	509.585	0.0815	29.216	51.357	263864.41	.06864	.07738
1600	509.577	0.0814	29.170	51.356	263863.27	.06812	.07644
1615	509.579	0.0818	29.302	51.355	263860.29	.06781	.07573
1630	509.529	0.0812	29.088	51.349	263854.83	.06795	.07550
1645	509.548	0.0800	28.641	51.351	263853.43	.06802	.07522
1700	509.541	0.0816	29.239	51.350	263852.09	.06802	.07490
1715	509.533	0.0811	29.051	51.349	263852.94	.06775	.07434
1730	509.523	0.0795	28.445	51.349	263854.71	.06717	.07349
1745	509.534	0.0796	28.483	51.349	263851.21	.06680	.07287
1800	509.517	0.0796	28.504	51.346	263845.89	.06679	.07261
1815	509.491	0.0801	28.675	51.345	263851.74	.06612	.07175
1830	509.492	0.0790	28.273	51.345	263853.27	.06526	.07072

********** MASS POINT CALCULATION RESULTS **********

JULIAN DATE - 66 TIME - 600

TIME	TEMP	VAPOR PRESS	DEW PT	CONT AIR PRESS	CONT AIR MASS	LSF LEAK RATE	UPPER CONF LEVEL
1845	509.467	0.0794	28.399	51.344	263859.18	.06388	.06929
1900	509.484	0.0795	28.461	51.342	263840.50	.06394	.06915
1915	509.478	0.0794	28.402	51.341	263838.65	.06400	.06901
1930	509.475	0.0802	28.708	51.339	263830.08	.06453	.06939
1945	509.452	0.0793	28.375	51.339	263843.68	.06396	.06868
2000	509.433	0.0788	28.180	51.337	263841.78	.06346	.06804
2015	509.445	0.0797	28.541	51.334	263821.44	.06419	.06867
2030	509.443	0.0798	28.573	51.334	263819.38	.06487	.06924
2045	509.443	0.0791	28.286	51.335	263826.47	.06496	.06918
2100	509.434	0.0795	28.465	51.334	263825.92	.06496	.06905
2115	509.400	0.0792	28.354	51.334	263844.70	.06382	.06792
2130	509.395	0.0777	27.729	51.333	263838.21	.06304	.06708
2145	509.418	0.0777	27.729	51.333	263826.30	.06286	.06678
2200	509.383	0.0782	27.943	51.328	263821.38	.06286	.06666
2215	509.391	0.0803	28.777	51.326	263806.16	.06353	.06726
2230	509.382	0.0792	28.345	51.327	263816.50	.06356	.06718
2245	509.387	0.0786	28.120	51.326	263810.99	.06376	.06728
2300	509.390	0.0798	28.553	51.325	263803.81	.06419	.06763
2315	509.367	0.0776	27.699	51.325	263815.42	.06400	.06735
2330	509.371	0.0789	28.227	51.325	263809.80	.06398	.06724
2345	509.356	0.0772	27.531	51.325	263817.39	.06358	.06677
0000	509.347	0.0794	28.406	51.321	263802.35	.06375	.06686
0015	509.333	0.0794	28.398	51.318	263795.47	.06411	.06715
0030	509.336	0.0785	28.065	51.319	263801.07	.06416	.06712
0045	509.314	0.0770	27.445	51.319	263809.36	.06383	.06673
0100	509.342	0.0775	27.671	51.320	263800.13	.06380	.06662
0115	509.317	0.0766	27.289	51.317	263800.52	.06369	.06644
0130	509.311	0.0755	26.809	51.318	263809.50	.06322	.06594
0145	509.297	0.0790	28.264	51.313	263786.86	.06349	.06615
0200	509.310	0.0789	28.217	51.313	263780.72	.06388	.06650
0215	509.295	0.0780	27.882	51.314	263793.20	.06379	.06635
0230	509.278	0.0764	27.198	51.313	263799.03	.06347	.06599
0245	509.271	0.0765	27.245	51.312	263796.36	.06320	.06567
0300	509.269	0.0778	27.773	51.310	263787.78	.06315	.06556
0315	509.275	0.0767	27.340	51.310	263784.57	.06315	.06550
0330	509.260	0.0774	27.612	51.308	263783.02	.06314	.06544
0345	509.246	0.0779	27.804	51.306	263779.22	.06319	.06544
0400	509.252	0.0782	27.949	51.306	263777.38	.06324	.06544
0415	509.241	0.0782	27.934	51.304	263771.68	.06339	.06555
0430	509.237	0.0754	26.790	51.307	263787.67	.06307	.06520
0445	509.240	0.0768	27.373	51.305	263778.98	.06295	.06504
0500	509.235	0.0759	26.983	51.305	263777.69	.06282	.06487
0515	509.223	0.0759	26.989	51.303	263775.89	.06271	.06471
0530	509.195	0.0777	27.752	51.299	263772.07	.06265	.06461
0545	509.198	0.0755	26.813	51.301	263779.12	.06239	.06433
0600	509.205	0.0747	26.448	51.301	263776.89	.06216	.06407

MAX ALLOWABLE LEAK RATE :
.1528
75% OF MAX ALLOWABLE LEAK RATE
.1146
EPRI EQUATION #6 IS SATISFIED.
EPRI EQUATION #7 IS SATISFIED

********** TOTAL TIME CALCULATION RESULTS **********

JULIAN DATE - 66 TIME - 600

TIME	TEMP	VAPOR PRESS	DEW PT	CONT AIR PRESS	LSF LEAK RATE	UPPER CONF LEVEL	MEASURED LEAK RATE
0600	510.029	0.0873	31.222	51.417	0.0000	0.00000	0.00000
0615	510.017	0.0857	30.685	51.417	0.0000	0.00000	-.14407
0630	509.998	0.0878	31.379	51.406	.7785	0.00000	.77847
0645	509.988	0.0860	30.794	51.407	.5926	5.85313	.37087
0700	509.958	0.0866	30.996	51.406	.3784	2.70988	.17629
0715	509.926	0.0852	30.526	51.411	.0891	1.76830	-.14061
0730	509.923	0.0867	31.018	51.404	.0512	1.31616	.07082
0745	509.907	0.0861	30.815	51.400	.0578	1.10110	.12723
0800	509.873	0.0857	30.675	51.397	.0579	.95711	.11372
0815	509.847	0.0851	30.478	51.394	.0514	.84824	.09301
0830	509.840	0.0855	30.610	51.392	.0571	.77988	.11957
0845	509.839	0.0860	30.773	51.391	.0631	.72825	.12337
0900	509.834	0.0844	30.236	51.391	.0611	.67844	.09947
0915	509.814	0.0854	30.598	51.387	.0652	.64419	.11836
0930	509.805	0.0858	30.721	51.385	.0727	.62007	.13369
0945	509.781	0.0852	30.531	51.386	.0659	.58433	.07988
1000	509.790	0.0860	30.771	51.383	.0702	.56475	.12090
1015	509.769	0.0845	30.275	51.382	.0693	.54224	.09988
1030	509.769	0.0843	30.218	51.382	.0673	.52103	.09286
1045	509.750	0.0839	30.083	51.381	.0635	.49994	.08086
1100	509.738	0.0854	30.596	51.377	.0641	.48545	.10036
1115	509.698	0.0841	30.133	51.375	.0607	.46796	.07735
1130	509.721	0.0840	30.116	51.376	.0599	.45455	.08883
1145	509.715	0.0831	29.783	51.374	.0597	.44293	.09126
1200	509.699	0.0841	30.141	51.372	.0597	.43240	.09143
1215	509.680	0.0841	30.144	51.370	.0590	.42194	.08637
1230	509.685	0.0844	30.234	51.370	.0587	.41270	.08823
1245	509.674	0.0815	29.226	51.370	.0576	.40313	.08131
1300	509.657	0.0832	29.829	51.368	.0563	.39386	.07792
1315	509.665	0.0832	29.809	51.368	.0555	.38571	.08044
1330	509.659	0.0833	29.842	51.368	.0541	.37733	.07429
1345	509.647	0.0831	29.786	51.365	.0540	.37090	.08386
1400	509.632	0.0814	29.190	51.364	.0531	.36384	.07586
1415	509.622	0.0802	28.738	51.364	.0514	.35626	.06772
1430	509.626	0.0832	29.811	51.361	.0517	.35124	.08377
1445	509.602	0.0833	29.865	51.358	.0522	.34663	.08478
1500	509.604	0.0837	29.993	51.358	.0526	.34232	.08516
1515	509.567	0.0815	29.191	51.357	.0516	.33650	.07012
1530	509.574	0.0825	29.559	51.356	.0512	.33174	.07638
1545	509.585	0.0815	29.216	51.357	.0509	.32712	.07517
1600	509.577	0.0814	29.170	51.356	.0505	.32268	.07433
1615	509.579	0.0818	29.302	51.355	.0502	.31856	.07517
1630	509.529	0.0812	29.088	51.349	.0503	.31497	.07810
1645	509.548	0.0800	28.641	51.351	.0504	.31149	.07748
1700	509.541	0.0816	29.239	51.350	.0504	.30810	.07682
1715	509.533	0.0811	29.051	51.349	.0502	.30465	.07443
1730	509.523	0.0795	28.445	51.349	.0498	.30108	.07141
1745	509.534	0.0796	28.483	51.349	.0496	.29779	.07260
1800	509.517	0.0796	28.504	51.346	.0496	.29488	.07511
1815	509.491	0.0801	28.675	51.345	.0491	.29158	.06924
1830	509.492	0.0790	28.273	51.345	.0485	.28822	.06675

********** TOTAL TIME CALCULATION RESULTS **********

JULIAN DATE - 66 TIME - 600

TIME	TEMP	VAPOR PRESS	DEW PT	CONT AIR PRESS	LSF LEAK RATE	UPPER CONF LEVEL	MEASURED LEAK RATE
1845	509.467	0.0794	28.399	51.344	.0476	.28456	.06122
1900	509.484	0.0795	28.461	51.342	.0476	.28206	.07311
1915	509.478	0.0794	28.402	51.341	.0476	.27964	.07300
1930	509.475	0.0802	28.708	51.339	.0480	.27768	.07742
1945	509.452	0.0793	28.375	51.339	.0476	.27496	.06702
2000	509.433	0.0788	28.180	51.337	.0473	.27235	.06705
2015	509.445	0.0797	28.541	51.334	.0478	.27077	.07886
2030	509.443	0.0798	28.573	51.334	.0483	.26921	.07879
2045	509.443	0.0791	28.286	51.335	.0483	.26727	.07308
2100	509.434	0.0795	28.465	51.334	.0484	.26533	.07220
2115	509.400	0.0792	28.354	51.334	.0476	.26259	.05982
2130	509.395	0.0777	27.729	51.333	.0471	.26015	.06266
2145	509.418	0.0777	27.729	51.333	.0470	.25820	.06854
2200	509.383	0.0782	27.943	51.328	.0470	.25644	.07027
2215	509.391	0.0803	28.777	51.326	.0475	.25525	.07770
2230	509.382	0.0792	28.345	51.327	.0476	.25361	.07083
2245	509.387	0.0786	28.120	51.326	.0477	.25215	.07276
2300	509.390	0.0798	28.553	51.325	.0481	.25092	.07553
2315	509.367	0.0776	27.699	51.325	.0480	.24925	.06831
2330	509.371	0.0789	28.227	51.325	.0480	.24775	.07026
2345	509.356	0.0772	27.531	51.325	.0478	.24600	.06538
0000	509.347	0.0794	28.406	51.321	.0480	.24471	.07207
0015	509.333	0.0794	28.398	51.318	.0483	.24360	.07451
0030	509.336	0.0785	28.065	51.319	.0483	.24229	.07075
0045	509.314	0.0770	27.445	51.319	.0482	.24073	.06579
0100	509.342	0.0775	27.671	51.320	.0482	.23941	.06934
0115	509.317	0.0766	27.289	51.317	.0482	.23807	.06826
0130	509.311	0.0755	26.809	51.318	.0479	.23649	.06319
0145	509.297	0.0790	28.264	51.313	.0481	.23548	.07282
0200	509.310	0.0789	28.217	51.313	.0484	.23460	.07470
0215	509.295	0.0780	27.882	51.314	.0484	.23338	.06817
0230	509.278	0.0764	27.198	51.313	.0483	.23201	.06475
0245	509.271	0.0765	27.245	51.312	.0481	.23070	.06515
0300	509.269	0.0778	27.773	51.310	.0481	.22957	.06808
0315	509.275	0.0767	27.340	51.310	.0482	.22850	.06866
0330	509.260	0.0774	27.612	51.308	.0482	.22745	.06851
0345	509.246	0.0779	27.804	51.306	.0483	.22646	.06931
0400	509.252	0.0782	27.949	51.306	.0484	.22549	.06929
0415	509.241	0.0782	27.934	51.304	.0485	.22462	.07084
0430	509.237	0.0754	26.790	51.307	.0484	.22342	.06359
0445	509.240	0.0768	27.373	51.305	.0483	.22237	.06636
0500	509.235	0.0759	26.983	51.305	.0483	.22134	.06615
0515	509.223	0.0759	26.989	51.303	.0483	.22034	.06615
0530	509.195	0.0777	27.752	51.299	.0483	.21939	.06692
0545	509.198	0.0755	26.813	51.301	.0481	.21831	.06352
0600	509.205	0.0747	26.448	51.301	.0480	.08162	.06370

CALCULATED LEAK RATE USING TOTAL TIME: .0480

THE MEAN TOTAL TIME RATE OF .0674

IS LESS THAN THE ALLOWABLE MAXIMUM LEAK RATE OF .153

APPENDIX E

VERIFICATION TEST CALCULATIONS

Mass Point Analysis

*** MASS POINT WITH VERIFICATION TEST ***

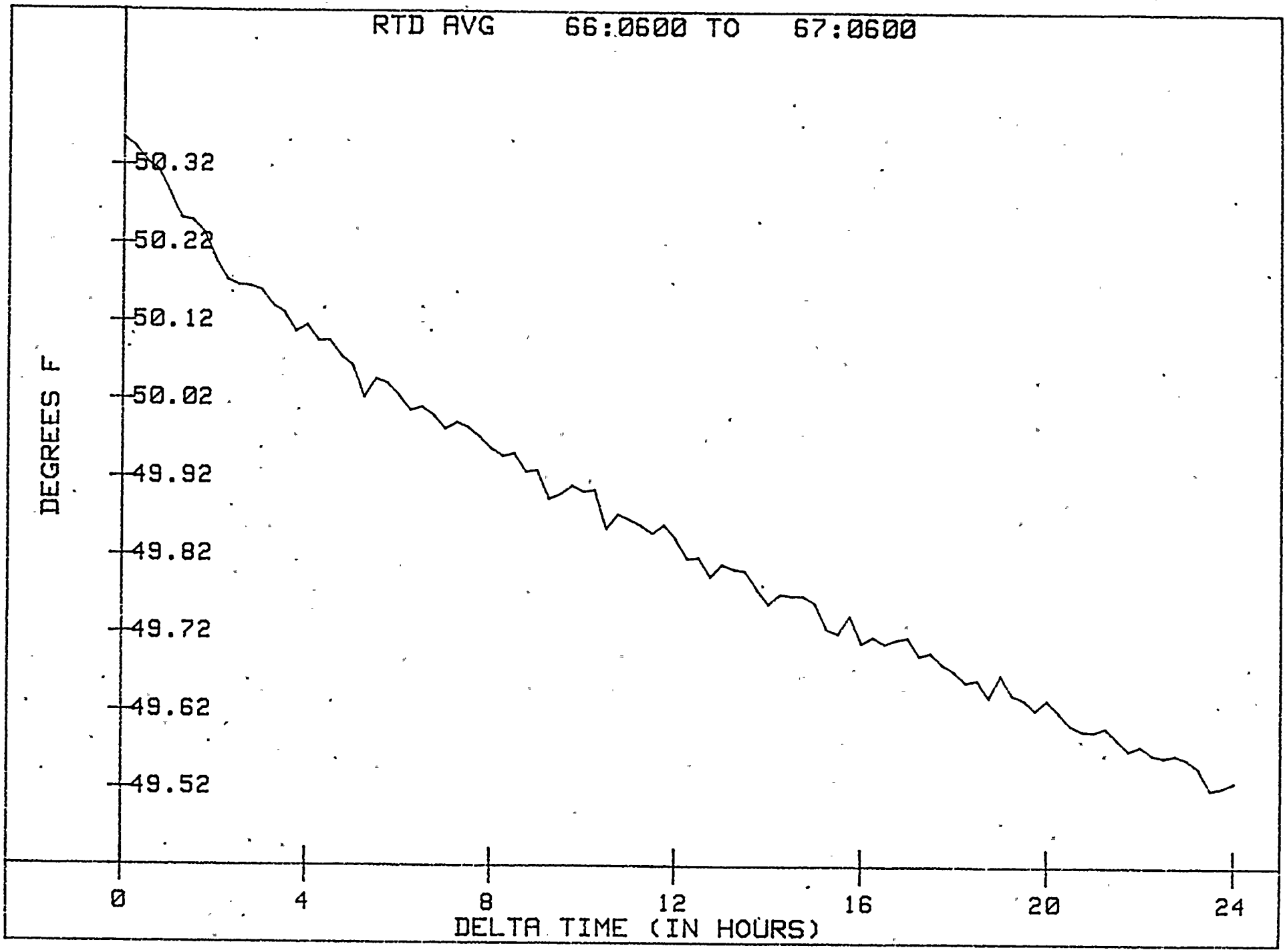
JULIAN DATE - 67 TIME - 700

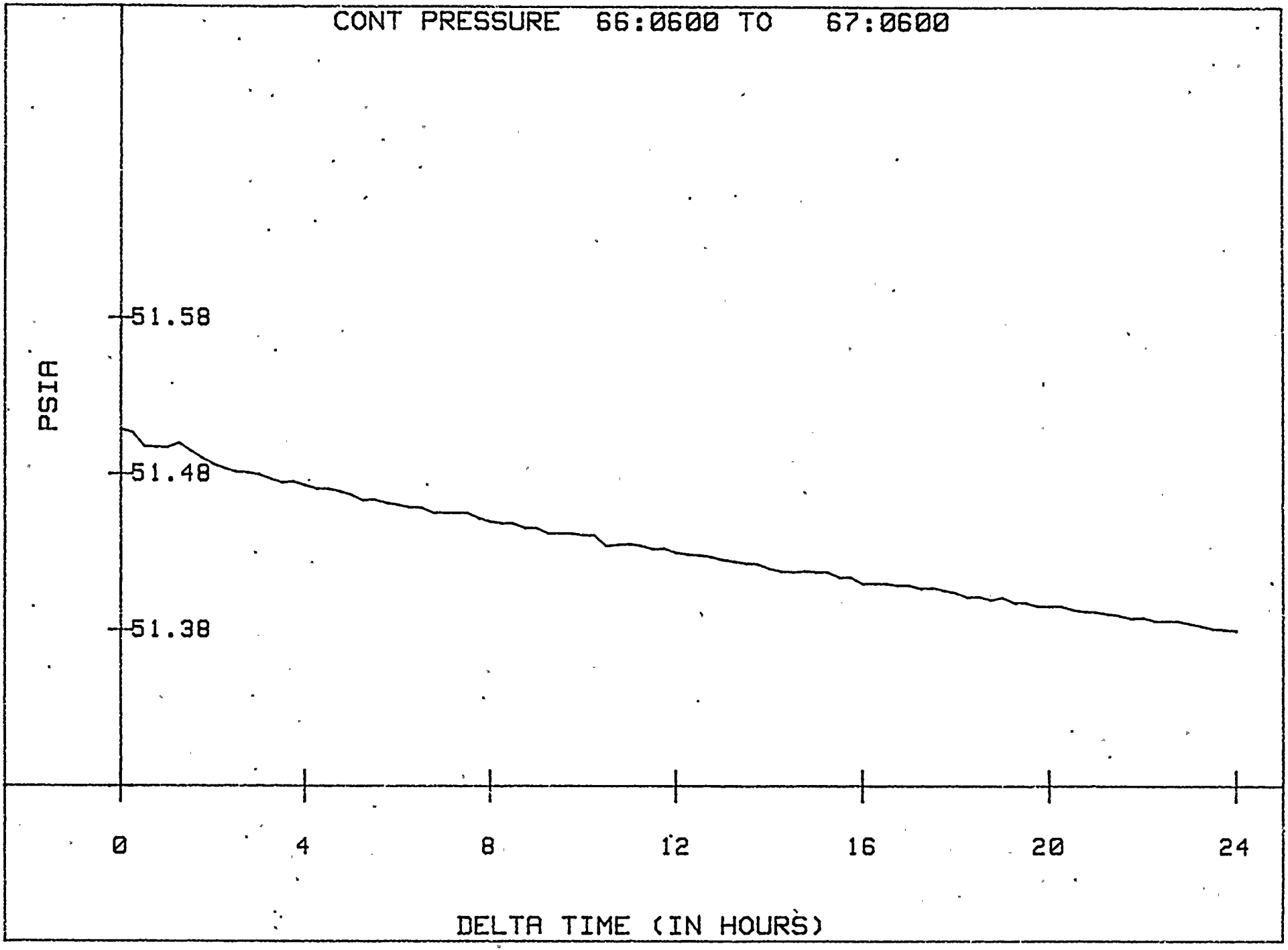
TIME	MASS	MASS POINT GROSS LSF	MASS POINT GROSS 95% UCL	SCFM	VERIFICATION NET LSF	VERIFICATION NET 95% UCL
0700	263745.2	0.0000	0.0000	3.712	-.1520	-:1520
0715	263740.7	0.0000	0.0000	3.712	-.1520	-.1520
0730	263747.6	-.0431	0.0000	3.711	-.1950	-.1519
0745	263727.7	.1662	.5551	3.709	.0143	.4033
0800	263730.8	.1522	.3329	3.703	.0005	.1813
0815	263719.0	.1880	.3039	3.703	.0364	.1522
0830	263716.2	.1914	.2690	3.703	.0398	.1173
0845	263719.4	.1672	.2292	3.703	.0155	.0775
0900	263708.1	.1721	.2193	3.703	.0205	.0676
0915	263702.8	.1758	.2129	3.703	.0241	.0612
0930	263699.4	.1755	.2054	3.703	.0238	.0537
0945	263688.2	.1842	.2104	3.703	.0325	.0587
1000	263689.9	.1813	.2035	3.703	.0297	.0518
1015	263686.6	.1778	.1969	3.703	.0261	.0453
1030	263680.4	.1767	.1933	3.703	.0250	.0416
1045	263680.9	.1717	.1869	3.703	.0200	.0352
1100	263658.2	.1811	.1975	3.703	.0294	.0458
1115	263647.8	.1911	.2088	3.703	.0394	.0571
1130	263658.7	.1890	.2049	3.703	.0373	.0532

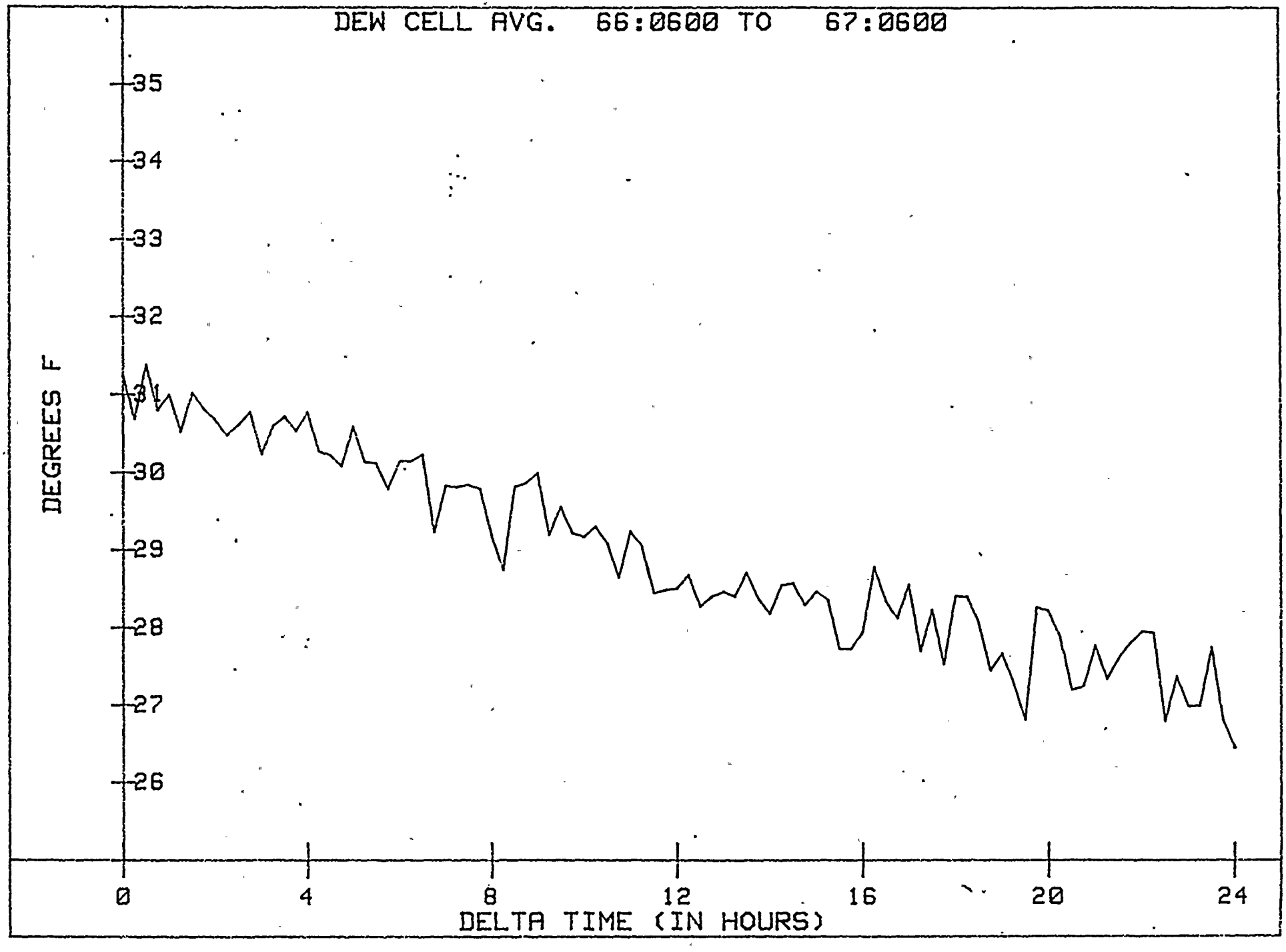
APPENDIX F

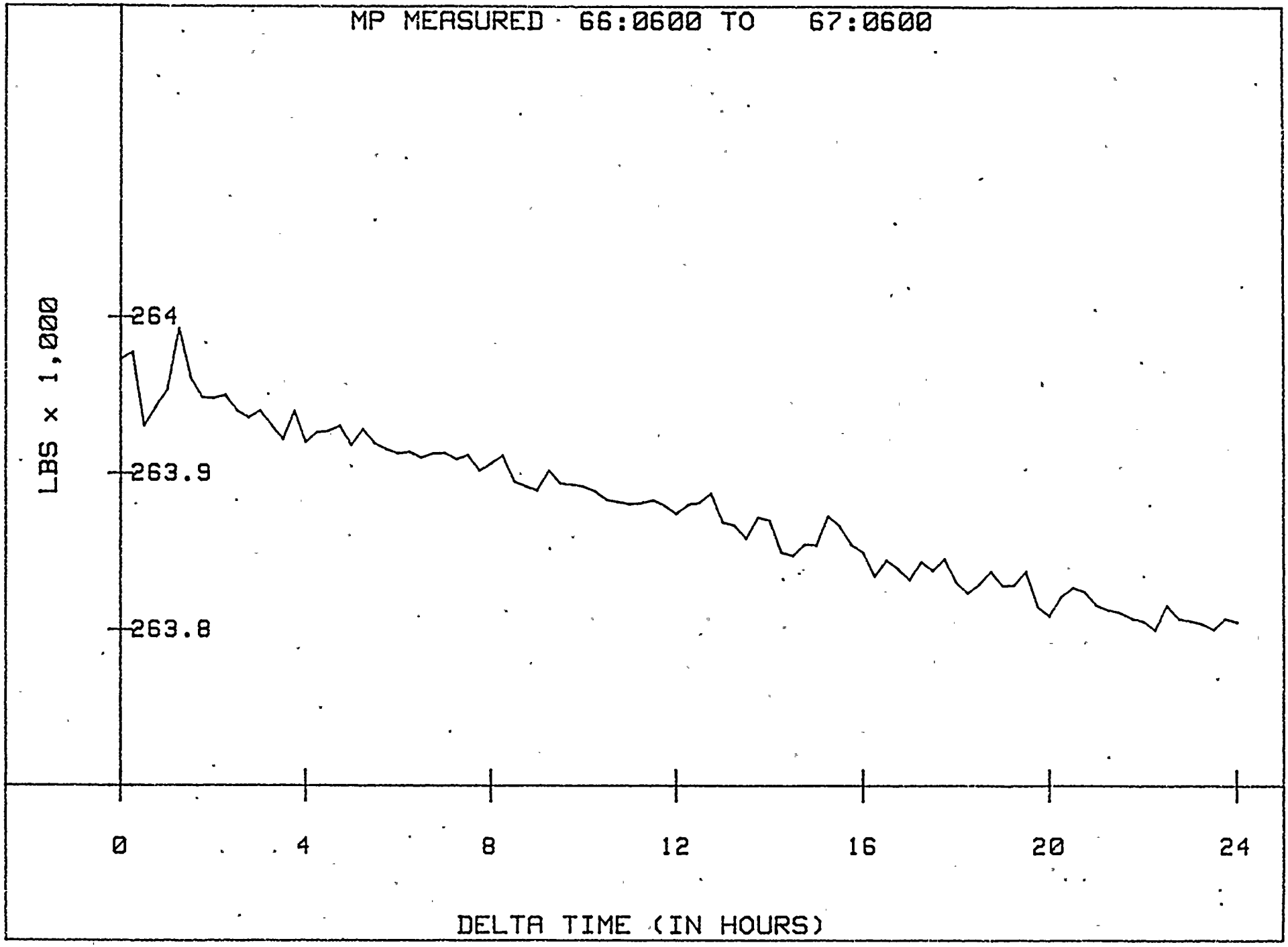
TYPE A PLOTS

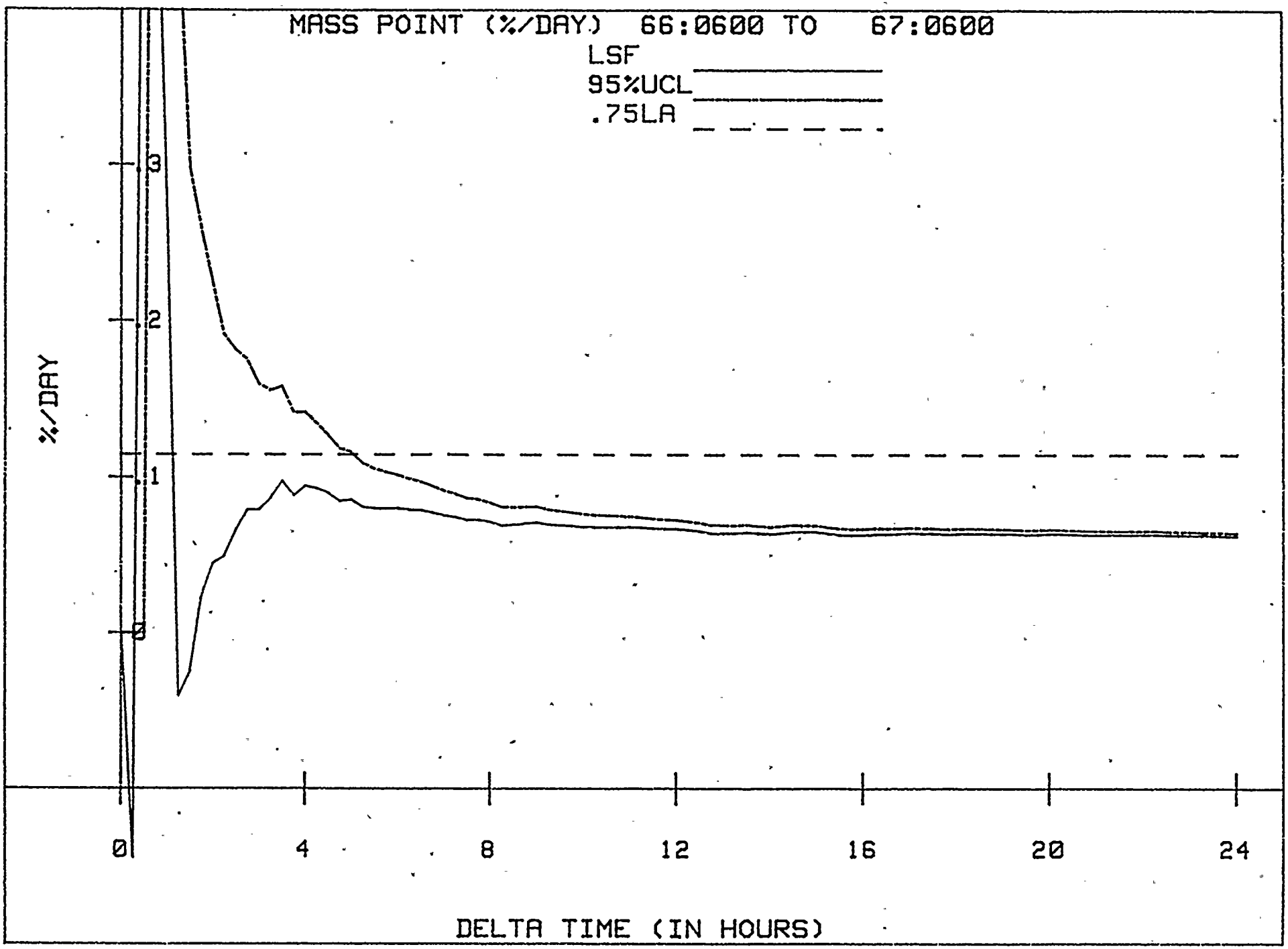
Average Temperature vs Time
Average Pressure vs Time
Average Dew Point vs Time
Containment Mass vs Time
Mass Point Leakage Rate vs Time
Total Time Leakage Rate vs Time

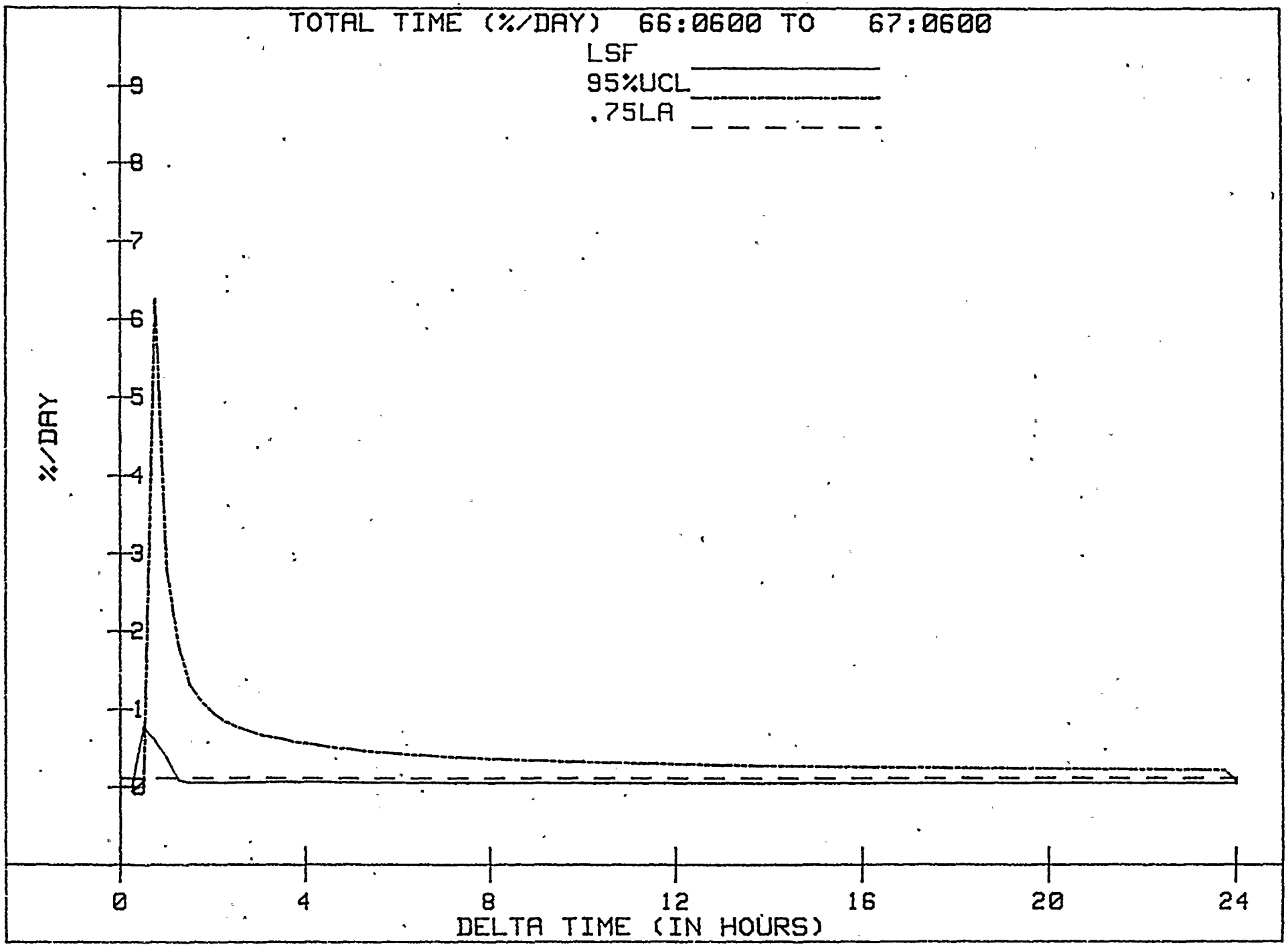

RTD AVG 66:0600 TO 67:0600
DEGREES F
50.32
50.22
50.12
50.02
49.92
49.82
49.72
49.62
49.52
0
4
8
12
16
20
24
DELTA TIME (IN HOURS)


CONT PRESSURE 66:0600 TO 67:0600
PSIA
51.58
51.48
51.38
0
4
8
12
16
20
24
DELTA TIME (IN HOURS)


DEW CELL AVG. 66:0600 TO 67:0600
DEGREES F
35
34
33
32
31
30
29
28
27
26
0
4
8
12
16
20
24
DELTA TIME (IN HOURS)


MP MEASURED 66:0600 TO 67:0600
LBS x 1,000
264
263.9
263.8
0
4
8
12
16
20
24
DELTA TIME (IN HOURS)

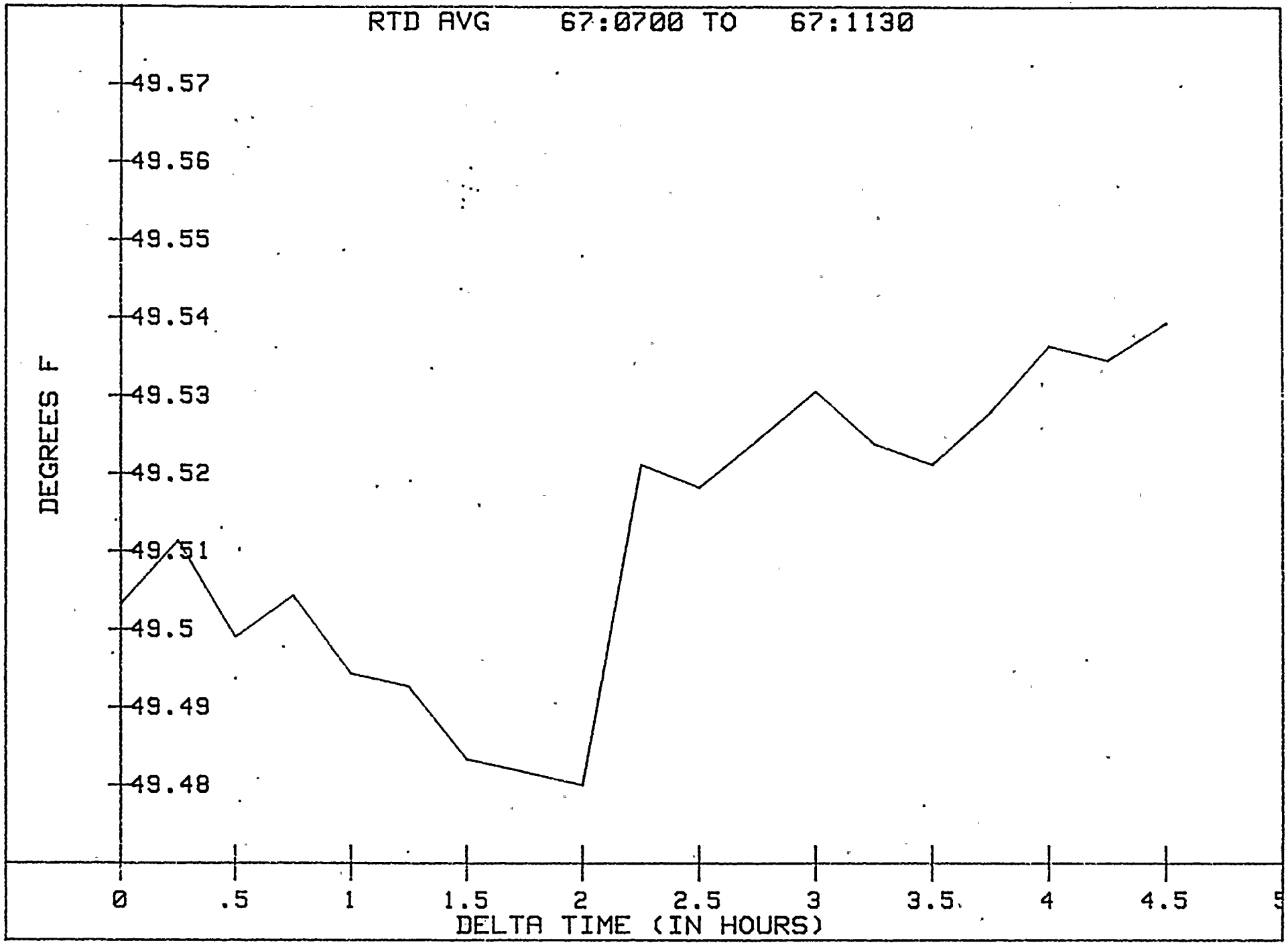

MASS POINT (%/DAY) 66:0600 TO 67:0600
LSF
95%UCL
.75LA
%/DAY
3
2
1
0
0
4
8
12
16
20
24
DELTA TIME (IN HOURS)

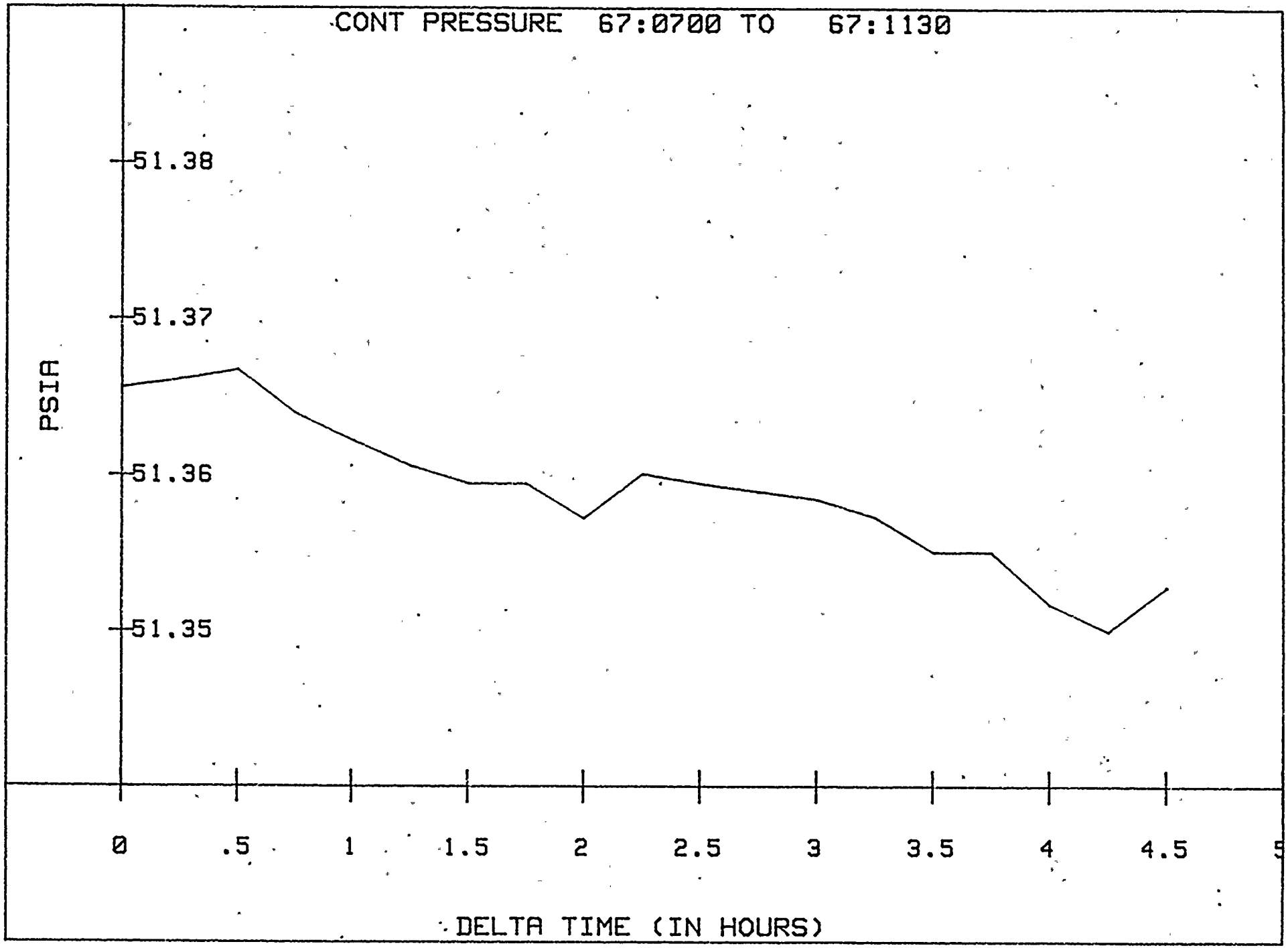

TOTAL TIME (%/DAY) 66:0600 TO 67:0600
LSF
95%UCL
.75LA
%/DAY
9
8
7
6
5
4
3
2
1
0
0
4
8
12
16
20
24
DELTA TIME (IN HOURS)

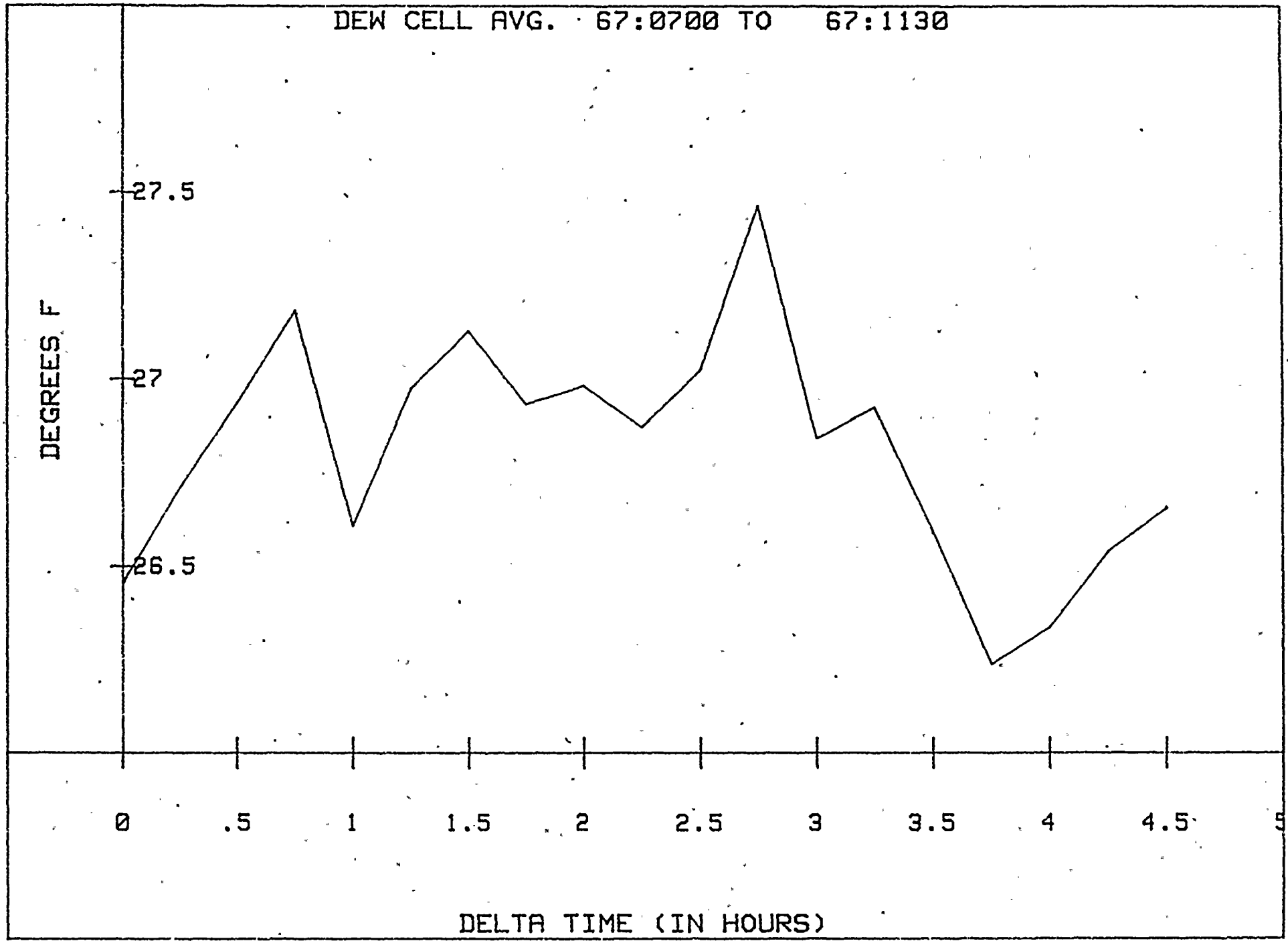
APPENDIX G

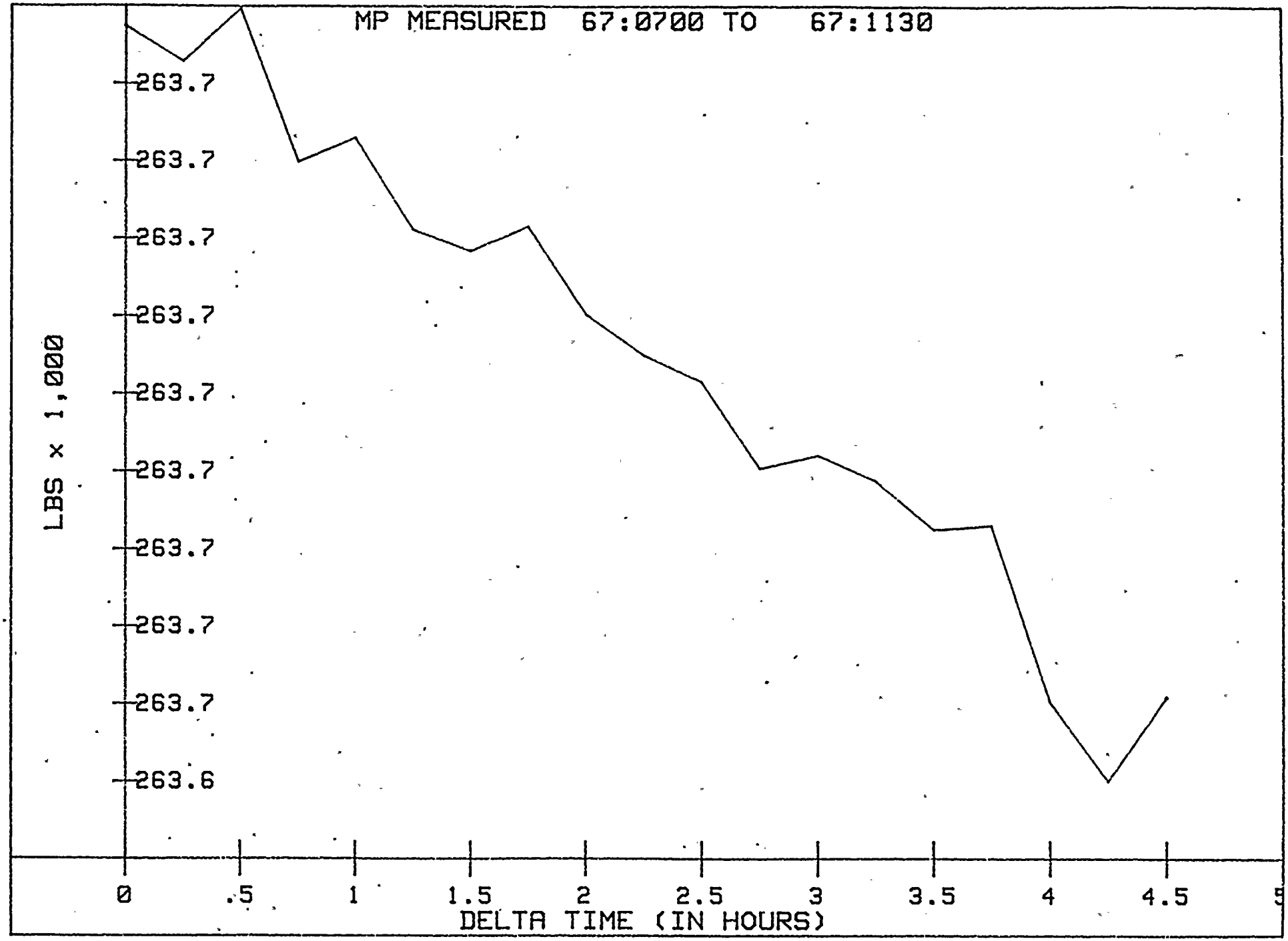
VERIFICATION TEST PLOTS

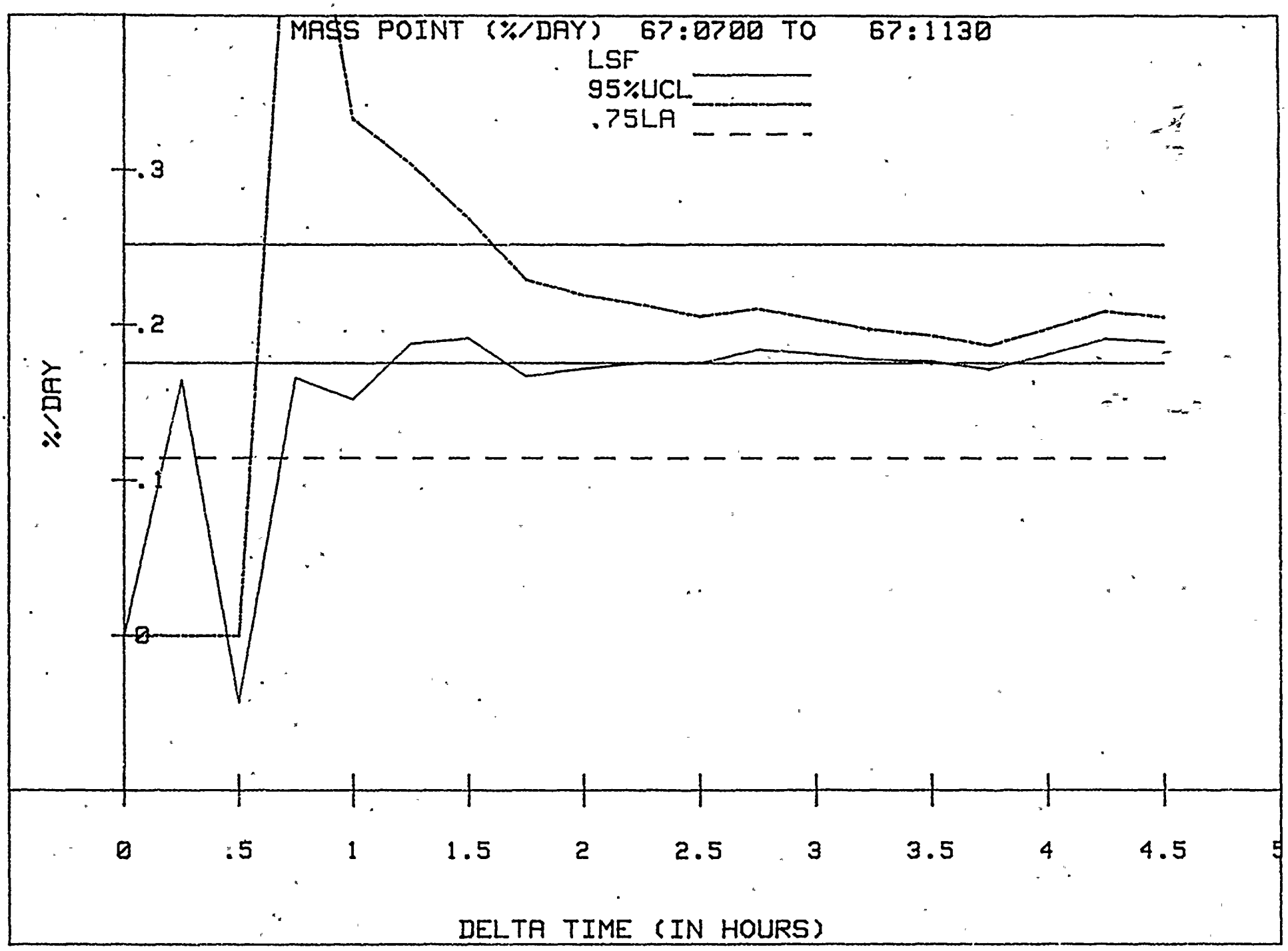
Average Temperature vs Time
Average Pressure vs Time
Average Dew Point vs Time
Containment Mass vs Time
Mass Point Leakage Rate vs Time


RTD AVG 67:0700 TO 67:1130
DEGREES F
49.57
49.56
49.55
49.54
49.53
49.52
49.51
49.5
49.49
49.48
0
.5
1
1.5
2
2.5
3
3.5
4
4.5
5
DELTA TIME (IN HOURS)


CONT PRESSURE 67:0700 TO 67:1130
PSIA
51.38
51.37
51.36
51.35
0
.5
1
1.5
2
2.5
3
3.5
4
4.5
5
DELTA TIME (IN HOURS)


DEW CELL AVG. 67:0700 TO 67:1130
DEGREES F
27.5
27
26.5
0
.5
1
1.5
2
2.5
3
3.5
4
4.5
5
DELTA TIME (IN HOURS)


MP MEASURED 67:0700 TO 67:1130
263.7
263.7
263.7
263.7
263.7
263.7
263.7
263.7
263.7
263.6
LBS x 1,000
0
.5
1
1.5
2
2.5
3
3.5
4
4.5
5
DELTA TIME (IN HOURS)


MASS POINT (%/DAY) 67:0700 TO 67:1130
LSF
95%UCL
.75LA
.3
.2
.1
0
%/DAY
0
.5
1
1.5
2
2.5
3
3.5
4
4.5
5
DELTA TIME (IN HOURS)