TEXAS UTILITIES ELECTRIC COMPANY

Comanche Peak Steam Electric Station

Unit 1

FIRST PERIODIC REACTOR CONTAINMENT BUILDING INTEGRATED LEAKAGE RATE TEST FINAL REPORT

DOCKET NO. 50-445

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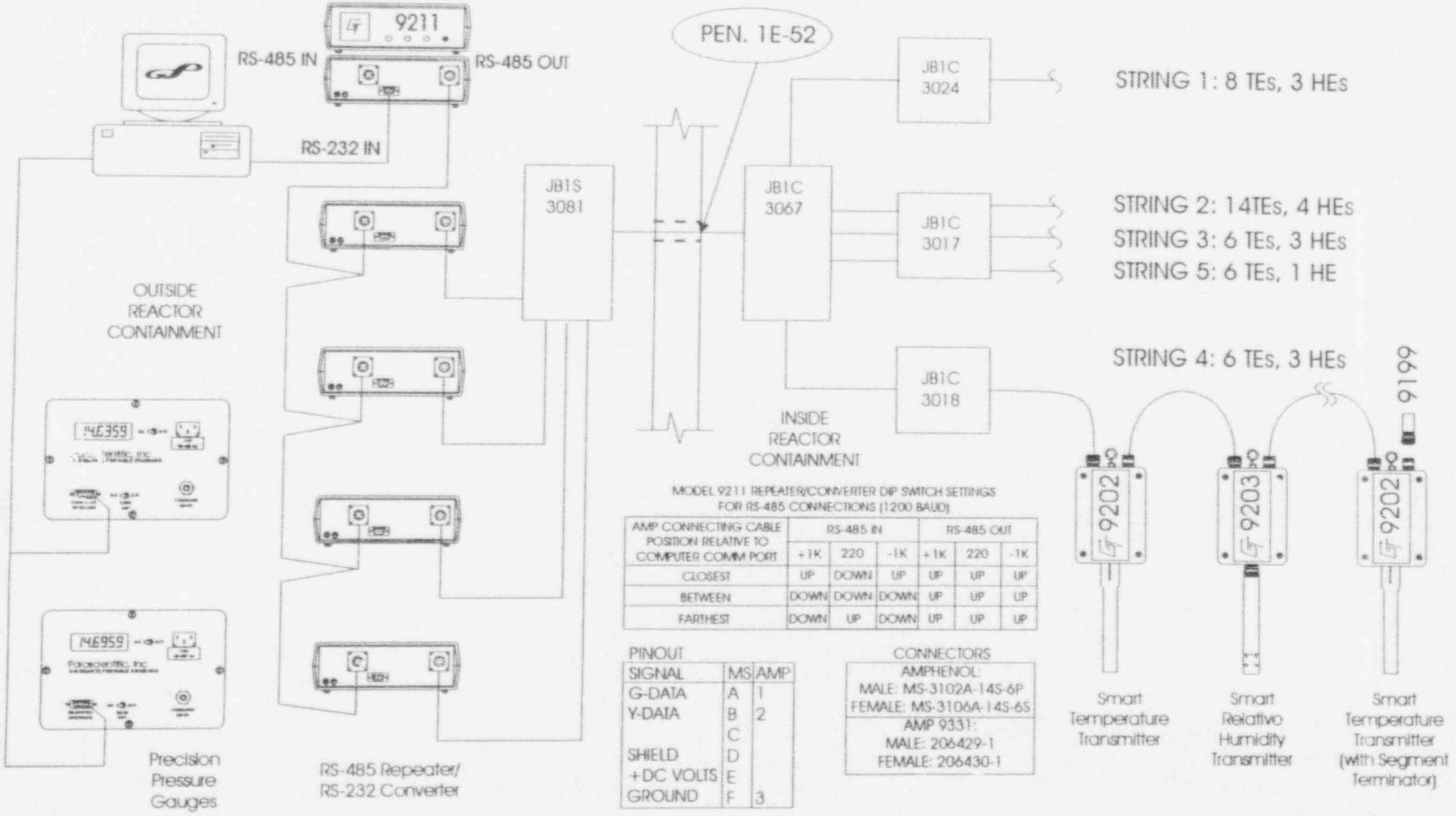
GENERAL PHYSICS CORPORATION

GP-R-643-94-001

ILRT Measurement System
Comanche Peak Unit 1, November 1993



MODEL 9211 REPEATER/CONVERTER DIP SWITCH SETTINGS
FOR RS-485 CONNECTIONS (1200 BAUD)

AMP CONNECTING CABLE POSITION RELATIVE TO COMPUTER COMM PORT	RS-485 IN			RS-485 OUT		
	+1K	220	-1K	+1K	220	-1K
CLOSEST	UP	DOWN	UP	UP	UP	UP
BETWEEN	DOWN	DOWN	DOWN	UP	UP	UP
FARTHEST	DOWN	UP	DOWN	UP	UP	UP

PINOUT

SIGNAL	MS	AMP
G-DATA	A	1
Y-DATA	B	2
	C	
SHIELD	D	
+DC VOLTS	E	
GROUND	F	3

CONNECTORS

AMPHENOL:
MALE: MS-3102A-14S-6P
FEMALE: MS-3106A-14S-6S
AMP 9331:
MALE: 206429-1
FEMALE: 206430-1

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I. SUMMARY

The Reactor Building Integrated Leakage Rate "Type A" Test is performed to demonstrate that leakage through the primary containment systems and components penetrating primary reactor containment do not exceed the allowable leakage rates specified in the Plant Technical Specifications.

This report presents data, analyses and conclusions pertaining to the Comanche Peak Steam Electric Station (CPSES), Unit 1, first periodic Integrated Leakage Rate Test (ILRT) performed in November 1993. Included in the report is a presentation of the Local Leakage Rate Test Results required by the U.S. Code of Federal Regulations, 10CFR50, Appendix J, Section V.B.3. Highlights of activities and events which occurred prior to and during the ILRT are presented in Section II, Test Synopsis.

Section III, Test Data Summary, contains design and baseline data utilized in performance of the ILRT, and results necessary to demonstrate containment atmosphere stabilization, the acceptable leakage rate, and the successful verification test.

Section IV, Analysis and Interpretation, supplies information for calculating the type B and C penalties, calculating the leakage addition due to volume level changes, and the composite leakage results incorporating all additions.

Section V, ILRT Instrumentation, describes the types and specifications of the instruments used to measure containment atmosphere parameters.

Section VI, References, lists the documents used for the conduct of the ILRT.

A 24 hour ILRT was successfully performed at the end of the CPSES Unit 1 third refueling outage from 14:29 on November 28th to 14:29 on November 29th, 1993. The results, including additions for penetrations not exposed to the test pressure of the ILRT, were acceptable. The ILRT test results are summarized below, and discussed in detail in Section IV. Mass Point leakage rates were calculated as described in ANSI/ANS-56.8-1987, "Containment System Leakage Testing Requirements". Leakage rates using the Total Time Analysis technique as described in BN-TOP-1, "Testing Criteria For Integrated Leakage Rate Testing Of Primary Containment Structures For Nuclear Power Plants", were run concurrently for informational purposes.

The ILRT was followed by a successful verification (imposed leakage) test designed to validate the testing methodology and to ensure that any systematic errors associated with the instruments were constant. As a 24 hour ILRT had been performed, only the Mass Point leakage results were required to fall within the upper and lower acceptance criteria leakage limits. Although the The Total Time measured leakage results were acceptable, the measured leakage during the verification test did not fall within the acceptance limits. The Total Time leakage results are provided for information only.

SUMMARY OF TEST RESULTS

	Test Result (% wt/day)	Acceptance Criteria (% wt/day)
Total Time Calculated Leakage:	0.0566	
Total Time Leakage at 95% UCL:	0.0610	75% L_a = 0.075
Verification Test Total Time Composite Leakage:	0.1290	Lower Limit = 0.1374 Upper Limit = 0.1874
Mass Point Measured Leakage:	0.0525	
Mass Point Leakage at 95% UCL:	0.0536	75% L_a = 0.075
Verification Test Mass Point Composite Leakage:	0.1411	Lower Limit = 0.1332 Upper Limit = 0.1832

II. TEST SYNOPSIS

The reactor containment building Integrated Leakage Rate Test (Type A) is performed to demonstrate that leakage through the primary reactor containment systems or components penetrating primary containment does not exceed the allowable leakage rate specified in the Comanche Peak Steam Electric Station, Unit 1, Technical Specifications 3.6.1.2.a.

The successful periodic Type A and supplemental verification tests were performed according to the requirements of the Comanche Peak Steam Electric Station, Unit 1, Technical Specifications and 10CFR50, Appendix J. The Type A test method used is the absolute method described in ANSI N45.4-1972, "Leakage Rate Testing of Containment Structures for Nuclear Reactors." The leakage rate was calculated using the Total Time Analysis Technique and formulas from the above ANSI standard, and the Mass Point Analysis Technique from ANSI standard 56.8-1987. The Total Time Analysis technique measures leakage rate based on the most recent data point and the data point taken at the start of the test. The overall calculated leakage rate is determined by applying linear regression analysis to all measured leakage rate data at the end of the test period. The Mass Point technique calculates the containment air mass at each data point. The leakage rate is then determined by applying linear regression analysis to the individually measured air masses.

Ninety-five percent confidence levels were calculated for leakage rate data to ensure a 95% probability that the calculated leakage rate value is within the acceptance limits. All calculations were done with the General Physics ILRT computer program described in Appendix A.

The temperature and pressure history, containment air mass, and leakage rates were plotted by the computer program. These plots are in Appendices B through D for the Stabilization, ILRT and Verification phases of the test.

Pretest preparations included assembly of temporary piping in the pressurization line, Minor Mod 93-455 to add an additional depressurization path, ILRT measurement system installation and checkout, system valve alignments and a general area inspection of the accessible areas of the containment. A "Test Time Line" is presented to summarize the occurrence of various phases of the ILRT schedule sequence.

TEST TIME LINE

	PHASE		INTERVAL	DURATION
A.	PRESSURIZATION:	From:	08:47 on 11/27/93	15.05 hours
		To:	23:53 on 11/27/93	
B.	STABILIZATION:	From:	23:53 on 11/27/93	14.50 hours
		To:	14:29 on 11/28/93	
C.	HOLD TEST:	From:	14:29 on 11/28/93	24.00 hours
		To:	14:29 on 11/29/93	
D.	VERIFICATION TEST:	From:	14:43 on 11/29/93	4.02 hours
		To:	18:44 on 11/29/93	
E.	DEPRESSURIZATION:	From:	20:45 on 11/29/93	8.75 hours
		To:	05:30 on 11/30/93	

A. Pressurization Phase

Pressurization of the containment commenced 0847 on November 27, 1993. At a containment pressure of approximately 25 psig., a walkdown of the containment boundaries to inspect system and test boundaries for leakage was conducted. A significant amount of air was discovered issuing from the test vent for the Instrument Air penetration. The leakage was attributed to boundary valve leakage; later this was confirmed by determining that the pressure source was greater than 50 psig.

The Reactor Containment Fan Cooling unit (RCFC) fans were not run during pressurization. Pressurization continued until the test pressure of 48.3 psig, +1.7, -0.0 psig., was reached at approximately 2353 hours on November 27, 1993.

B. Stabilization Phase

The first data point in the Stabilization Phase was received at 2353 hours on November 27th. Initial containment pressure was 63.871 psia, 49.524 psig. Severe instability marked the early portions of the stabilization phase. Only after several hours of data did it become obvious a leakage problem existed. Walkdowns of the penetrations revealed a major air leak on the temporary ILRT pressurization line connected to penetration MIII-30. This leak was isolated. A noticeable decrease in the indicated leakage rate was evident following the isolation of this leak. The leak occurred on a test boundary, as opposed to a containment boundary, therefore no penalty addition was required.

The temperature stabilization criteria of both ANSI/ANS 56.8 and the Bechtel Topical Report were met four hours into the stabilization period, but due to the instability of the air mass, and the leakage problem, stabilization was not declared until 1429 on the 28th of November, and the ILRT started.

C. Test Phase

The ILRT was commenced at 1429 on November 28th. The data instability continued into the test phase of the ILRT. A decreasing trend in the containment leakage rate was apparent a few hours into the test phase, but the mass point leakage did not fall below the 75%L_a acceptance criteria limit until seven hours had elapsed in the test phase. As the criteria could not be met for a short-duration test, a 24 hour ILRT was successfully performed.

The ILRT was successfully completed at 1429 on November 29th. Test results, including required B & C additions and volume change corrections, were acceptable:

FINAL ILRT RESULTS

MASS POINT LEAKAGE AT 95%UCL:	0.0536 %wt/day
TOTAL B & C PENALTY ADDITIONS:	0.0011
VOLUME CHANGE CORRECTIONS:	0.0010
TOTAL REPORTED LEAKAGE:	0.0557 %wt/day

D. Verification Phase

A leak approximately equivalent to L_a was imposed on the containment and a successful verification test run from 14:43 on November 29, 1993 to 18:44 on November 29, 1993. As a 24 hour ILRT was performed, the Mass Point Analysis technique is used to validate the ILRT results.

A description of the computer program used to calculate the leakage rates is given in Appendix A. Test summary data, leakage rate reports and plots are given in Appendices B through D. Local leakage rate test results are given in Appendix E.

III. TEST DATA SUMMARY

A. Plant Information

Licensee:	Texas Utilities Electric Company
Plant:	Comanche Peak Steam Electric Station, Unit 1
Location:	Glen Rose, Texas
Containment Type:	Reinforced Concrete
Date Test Completed:	November 29, 1993
Docket Number:	50-445

B. Technical Data

Containment Net Free Volume	2,985,000 cubic feet
Design Pressure	50 psig
Calculated Peak Accident Pressure, Pa	48.3 psig

C. Test Results - Type A Test

Test Method	Absolute
Data Analysis Techniques	Mass Point and Total Time (info only)
Test Pressure	48.3 psig +1.7, -0.0
Maximum Allowable Leakage Rate, La	0.1%/day
75% of La	0.075%/day

Integrated Leakage Rate Test Results	Leakage Rate, % wt./day	
	From Regression Line (Lam)	At Upper 95% Confidence Level
Total Time Analysis	0.0566	0.0610
Mass Point Analysis	0.0525	0.0536
Verification Test Imposed Leakage Rate, Lo%/day	9.30 scfm 0.1057%/day	

Verification Test Results	Leakage Rate, %/day	
	From Regression Line (Lam)	Lower/Upper Limits
Total Time Analysis	0.1290	0.1374/0.1874
Mass Point Analysis	0.1411	0.1332/0.1832

Report Printouts

The Report Printouts of the Type A and Verification Test calculations are provided for the Total Time and Mass Point Analyses (Appendices C and D). Stabilization data is also provided (Appendix B).

D. Local Leakage Rate Test Results - Type B and C Tests

A summary of the local leakage rate tests (Type B and C) results since the Unit became operational in 1990 are included in Appendix E.

E. Information Retained at Plant

The followi formation is available for review at the Facility:

1. A listing of all containment penetrations, including the total number of penetrations, penetration size and function.

2. A listing of normally operating instrumentation used for the leakage rate test.

3. A system lineup, at time of test, showing required valve positions and status of piping systems.

4. A continuous, sequential log of events from initial survey of containment to restoration of all tested systems.

5. Documentation of instrumentation calibrations and standards.

6. The working copy of test procedure that includes signature sign-off of procedural steps.

7. The procedure and all data that would verify completion of penetrations and valve testing (Type B & C tests).

8. The Quality Assurance audit plan or checkout that was used to monitor the ILRT with proper sign-offs.

9. The P&IDs for all pertinent systems.

IV. ANALYSIS AND INTERPRETATION

The upper 95% confidence limit (UCL) Mass Point and Total Time leakage rates calculated during the ILRT were less than the test acceptance criteria of 0.75 L_a (0.075 % wt./day). Additions to the calculated leakage rates must be made to account for penetration paths not exposed to the ILRT pressure and for changes in the net free containment volume due to changes in containment water levels. These additions are discussed below.

A. Summary of Type B and C Penalties

Penetration paths not exposed to the ILRT pressure and the corresponding minimum pathway leakage rates are as follows:

Penetration Number	System	Penetration Test Data
		Minimum Pathway Local Leakage Rate (sccm)
MII-1	CVCS Letdown	20.0
MII-2	RHR Train "B" Suction	1618.6
MII-3	RHR Train "A" Suction	62.0
MIII-6	CVCS Charging	20.0
MIII-16	Spent Fuel Pool Cooling & Cleanup	20.0
MIII-17	ILRT Vent Path	25.5
MIII-21	Containment Sump Floor Drain Tank	6.35
MIII-30	ILRT Pressurize/Depressurize	95.0
MIV-1b	RC Sample	136.8
MIV-2b	PZR Sample	481.0
MIV-2c	PZR Sample	20.0
MIV-3b	SI Accumulator Sample	22.9
MIV-4b	SI Test Line	20.0

Penetration Number	System	Penetration Test Data
		Minimum Pathway Local Leakage Rate (sccm)
MV-7	ILRT Pressure Sensing	88.0
MV-12	NNSW From Recirc. Fans	20.0
Elec. Pens.	810' Elev. Elect. Pens.	20.0
Elec. Pens.	832' Elev. Elect. Pens.	20.0
Elec. Pens.	852' Elev. Elect. Pens.	20.0
	Sum Total (Σ)	2,716.15

LLRT results based on the above equate to a Type B and C penalty addition of 0.0011 wt.% per day.

B. Volume Change Corrections

The following volumes were monitored for liquid level changes which would affect the containment net free volume:

VOLUME MONITORED	LEVEL CHANGE	VOLUME CHANGE (ft^3)
Pressurizer	0	0
Containment Sump #1	- 0.001 ft	-0.02
Containment Sump #2	0 ft	0.0
Reactor Cavity Sump	+ 0.001 ft	+0.017
SI Accumulator #1	0 ft	0.0
SI Accumulator #2	- 0.41 ft	+0.432
SI Accumulator #3	+ 0.67 ft	-0.724
SI Accumulator #4	- 0.14 ft	+0.151

Pressurizer Relief Tank	+ 1.99 %	- 32.98
RC Drain Tank	+ 2.09 %	- 0.98
	Net Free Volume Change	- 34.104 ft^3

The net level change for all monitored sumps and tanks in the containment was an increase. This results in a decrease in the containment net free volume and a leakage addition of 0.001 %-wt/day. This addition is made to the 95% upper confidence level measured leakage rate.

C. ILRT Results

The ILRT leakage rate including the required additions is as follows:

	Mass Point Analysis (% wt./day)
95 % UCL Leakage Rate	0.0536
Type B & C Penalties	0.0011
Volume Change	0.0010
As Left 95 % UCL Leakage Rate	0.0557

The Mass Point 95 % UCL leakage rate is less than the test acceptance criteria value of 0.75 L_a (0.075 % wt./day). Thus, the results demonstrate that leakage through the primary reactor containment and components penetrating the primary reactor containment do not exceed the allowable leakage rate specified in the Comanche Peak Steam Electric Station Technical Specifications.

V. ILRT INSTRUMENTATION

The following instrument system was used:

A. Total Absolute Pressure

ParoScientific Quartz Precision Pressure Gauges

No. of sensors used in calculation: 2

Range: 0-100 psia (direct reading)

Accuracy: ± 0.010% F.S.

Sensitivity: ± 0.005 psi

Repeatability: ± 0.001

Resolution: 0.0001 psi

B. Water Vapor Pressure

Graftel Corp. Model 9203 Relative Humidity Sensors

No. of sensors: 14

Calibrated range: 30 - 100 % R. H.

Accuracy: ± 2.0°F (Dew Temperature Equivalent)

Sensitivity: ± 0.2% R. H.

C. Drybulb Temperature

Graftel Corp. Model 9202 Smart Temperature Sensors

No. of sensors: 40

Calibrated range: 32 - 158°F

Accuracy: ± 0.5°F

Sensitivity: ± 0.01°F

D. Flow

Volumetrics High Range Leak Rate Monitor

No. of sensors: 2 (only 1 used)

Calibrated range: 40 - 400 slm

Accuracy: ± 1% full scale

E. Data Acquisition

No discrete data acquisition instrumentation is required when using Graftel instrumentation and ParoScientific pressure instruments. Data acquisition was accomplished directly by the ILRT software and the microcomputer.

Drybulb and Dewpoint Temperature Sensor Locations and Volume Fractions are listed in Appendix F.

VI. REFERENCES

A. Comanche Peak Steam Electric Station Unit 1 Surveillance Test Procedure, PPT-S1-7014, "Containment Integrated Leak Rate Test".

B. Comanche Peak Steam Electric Station Unit 1 Technical Specifications.

C. Comanche Peak Steam Electric Station Unit 1 Updated Final Safety Analysis Report.

D. Code of Federal Regulations, Title 10, Part 50, Appendix J, "Primary Reactor Containment Leakage Testing for Water Cooled Power Reactors".

E. ANSI N45.4-1972, "Leakage-Rate Testing of Containment Structures for Nuclear Reactors".

F. ANSI/ANS-56.8-1987, "Containment System Leakage Testing Requirements".

G. BN-TOP-1, Revision 1, "Testing Criteria For Integrated Leakage Rate Testing Of Primary Containment Structures For Nuclear Power Plants".

APPENDICES

APPENDIX A

GENERAL PHYSICS ILRT COMPUTER PROGRAM DESCRIPTION

DESCRIPTION OF GENERAL PHYSICS ILRT COMPUTER PROGRAM

The following paragraphs describe the various features and attributes of the General Physics ILRT Computer Program and the process used to certify it for each application.

REDUNDANCY

The General Physics ILRT team was equipped with two fully operational IBM compatible microcomputers during the ILRT and for on site data reduction and analysis. The computer software and hardware interfaced directly with the IBM microcomputers..

Two computers were brought on site for 100% redundancy, as each computer and its software is capable of independently performing the ILRT. The General Physics ILRT Computer Software is also capable of accepting manual input of raw sensor data and performing all required sensor data conversions if the data logger should cease to function. Each computer was equipped with back-up disks in the unlikely event of a disk "crash."

SECURITY

The General Physics ILRT Computer Program is written in Basic. Basic is a high level programming language which combines programming ease with user oriented command functions to create an easy to use and understand program. In order to increase speed of operation the program was then compiled into an executable command file. Compiling was accomplished using Microsoft's QuickBASIC Compiler. In addition to execution speed, this had the added benefit of making the program more secure as compiled programs cannot be edited or changed. The program requires a password to change modes of operation, start times, or enter the data editing routine to safeguard the integrity of the raw data files.

FEATURES

The program itself is designed to be a menu driven program consisting of five separate, menu driven operating modes. These are the:

1. Pressurization Mode
2. Stabilization Mode
3. Test Mode
4. Verification Mode
5. Depressurization Mode

These modes also correspond to the phases of the ILRT. Menu driven means that the user is presented with a list of options that the program can perform and from which the user can choose. It allows for interactive information exchange between the user and the computer and prevents invalid information or user mistakes from crashing the program. Program organization consists of a master menu which controls access to the seven operating modes chained to the individual menus which control these modes. The data processing, information display capabilities and function of each mode is as follows:

1. Pressurization Mode: All data reduction, graphic displays of average temperature, dewpoint, and corrected pressure.

2. Stabilization Mode: All data reduction, automatic comparison of data against ANSI 56.8 and BN-TOP-1 temperature stabilization criteria, notification when criteria is met, graphic displays of average temperature, dewpoint, and corrected pressure.

3. Test Mode: All data reduction, calculation of leakage rates using mass point, total time and point-to-point analysis techniques, display of trend report information required by BN-TOP-1, graphic display of average temperature, dewpoint, pressure and mass, as well as graphic display of mass point measured leakage, 95% UCL; total time measured and calculated leakage and the total time leakage rate at the 95% UCL (as calculated by BN-TOP-1), including a superimposed acceptance criteria line.

4. Verification Test Mode: With input of imposed leakage in SCFM automatically calculates and displays on graph and trend report the acceptance criteria band, plus all graphics displays available in test mode.

5. Depressurization Mode: All data and graphics capabilities of Pressurization Mode. In programs for BWR units, this mode also includes a Drywell to Suppression Chamber Bypass Test routine.

Other reduction and analysis capabilities of the General Physics ILRT computer program include:

1. Containment total pressure conversion from counts to psia (if required), and averaging.

2. Containment drybulb temperature weighted averaging and conversion to absolute units.

3. Containment dewpoint temperature weighted averaging (conversion from Foxboro dewcel element temperature to dewpoint temperature if required) and conversion to partial pressure of water vapor (psia).

4. Data storage of ILRT measurement system inputs for each data point.

5. Weight (mass) point calculations using the ideal gas law.

6. Automated Data Acquisition and/or Manual Data Entry.

7. Sensor performance and deviation information for sensor failure criteria, graphic display of individual sensor performance for selected operating mode.

8. Calculation of ISG formula at beginning of test; acceptance criteria based on number of sensors remaining and actual test duration.

9. Computer System Error Functions automatically checks for error in incoming data, printer or disk drive faults.

The computer program used by General Physics has been previously certified for six tests at the San Onofre Nuclear Generating Station and over three dozen other ILRTs. The initial certification required verification of the program through hand calculations and an independent review by Bechtel Power Corporation. After certification was completed, a calibration set of raw data was used to verify software of the program prior to usage.

In 1991, portions of the program dealing with volume fraction application were modified to conform to the 1987 version of ANSI/ANS 56.8. All program calculations were independently verified via hand calculations and seperate computer programs. Also in 1991, the program code was documented to identify critical portions, those portions of the program concerning calculations, requiring re-certification following modification per GP-SCP-1.0.

Additionally, for each application, once the equipment is installed on-site, sample data is entered and the resulting calculations are verified to agree (within limits of round-off and truncation) with hand calculated results for the same data. Typically, data from previous ILRTs at the current test site is used in this verification.

APPENDIX B

STABILIZATION PHASE DATA

STABLIZATION MODE
OPTIONS

1 - MANUAL DATA ENTRY
2 - PARAMATER GRAPHS
3 - SENSOR PLOTS
4 - REPRINT CURRENT DATA PT
5 - SENSOR DIFFERENTIALS
6 - ANSI STABILIZATION CRITERIA
7 - BN-TOP-1 STAB. CRITERIA
8 - ANSI CRITERIA PRINTOUT
9 - BN-TOP-1 CRITERIA PRINTOUT
P - PASS WORD MENU
S - GRAFTEL SCAN CONTROL

SUMMARY
TIME = 1414

# OF DATA POINTS	= 56
MODE DURATION (IN HRS)	= 14.35
TOT TIME MEASURED LEAK	= 0.1138
TOT TIME CALCULATED LEAK	= 0.2201
TOT TIME 95% UCL	= 0.5044
MASS PT LEAK	= 0.1416
MASS PT 95% UCL	= 0.1453

ANSI TEMPERATURE STABLIZATION CRITERIA MET
BN-TOP TEMPERATURE STABLIZATION CRITERIA MET

POINT SUMMARY: CURRENT VALUE/DIFFERENCE FROM PREVIOUS POINT

AVG TEMP:	75.168/ -0.017	AVG PRESS:	63.215 / -0.003
MASS:	952287.88 / -15.125	AVG DEW PRESS:	0.2677/ -0.0001
		TOTAL PRESS:	63.482 / -0.003

TEMPERATURE STABILIZATION UNIT 1

		ANSI 56.8			BN-TOP-1	
TIME	TEMP	1 HR	4 HR	4HR - 1HR	BN1	BN2
0.00	78.043	0.0000	0.0000	0.0000	0.0000	0.0000
0.25	77.647	0.0000	0.0000	0.0000	0.0000	0.0000
0.50	77.391	0.0000	0.0000	0.0000	0.0000	0.0000
0.75	77.211	0.0000	0.0000	0.0000	0.0000	0.0000
1.00	77.060	0.9987	0.0000	-0.9987	0.0000	0.0000
1.25	76.936	0.7270	0.0000	-0.7270	0.0000	0.0000
1.50	76.833	0.5711	0.0000	-0.5711	0.0000	0.0000
1.75	76.738	0.4863	0.0000	-0.4863	0.0000	0.0000
2.00	76.654	0.4188	0.0000	-0.4188	-0.6945	0.0000
2.25	76.579	0.3691	0.0000	-0.3691	-0.5345	0.6402
2.50	76.523	0.3235	0.0000	-0.3235	-0.4339	0.4021
2.75	76.459	0.2900	0.0000	-0.2900	-0.3756	0.2332
3.02	76.393	0.2702	0.0000	-0.2702	-0.3307	0.1755
3.27	76.337	0.2509	0.0000	-0.2509	-0.2972	0.1343
3.52	76.293	0.2370	0.0000	-0.2370	-0.2677	0.1178
3.77	76.239	0.2297	0.0000	-0.2297	-0.2478	0.0797
4.02	76.194	0.2094	0.4753	0.2659	-0.2280	0.0791
4.27	76.149	0.1975	0.3872	0.1897	-0.2132	0.0594
4.52	76.114	0.1901	0.3315	0.1413	-0.2027	0.0419
4.77	76.067	0.1818	0.2980	0.1162	-0.1944	0.0330
5.02	76.030	0.1734	0.2690	0.0956	-0.1815	0.0497
5.27	75.989	0.1690	0.2477	0.0787	-0.1739	0.0307
5.52	75.965	0.1581	0.2282	0.0701	-0.1643	0.0381
5.77	75.920	0.1581	0.2159	0.0578	-0.1595	0.0195
6.02	75.894	0.1353	0.1898	0.0545	-0.1497	0.0390
6.27	75.859	0.1296	0.1798	0.0501	-0.1446	0.0203
6.52	75.835	0.1299	0.1721	0.0422	-0.1398	0.0193
6.77	75.803	0.1167	0.1641	0.0474	-0.1322	0.0305
7.02	75.785	0.1089	0.1518	0.0430	-0.1221	0.0403
7.27	75.750	0.1089	0.1466	0.0377	-0.1193	0.0114
7.52	75.714	0.1202	0.1447	0.0245	-0.1250	-0.0231
7.77	75.686	0.1170	0.1382	0.0212	-0.1168	0.0328
8.02	75.660	0.1257	0.1335	0.0078	-0.1173	-0.0017
8.27	75.640	0.1102	0.1271	0.0169	-0.1095	0.0309
8.52	75.613	0.1012	0.1252	0.0241	-0.1107	-0.0046
8.77	75.588	0.0980	0.1198	0.0219	-0.1075	0.0127
9.70	75.510	0.0927	0.1137	0.0211	-0.0938	0.0275
9.93	75.489	0.0863	0.1077	0.0213	-0.0909	0.0118
10.22	75.463	0.0883	0.1079	0.0196	-0.0896	0.0055
10.48	75.448	0.0805	0.1030	0.0225	-0.0870	0.0094

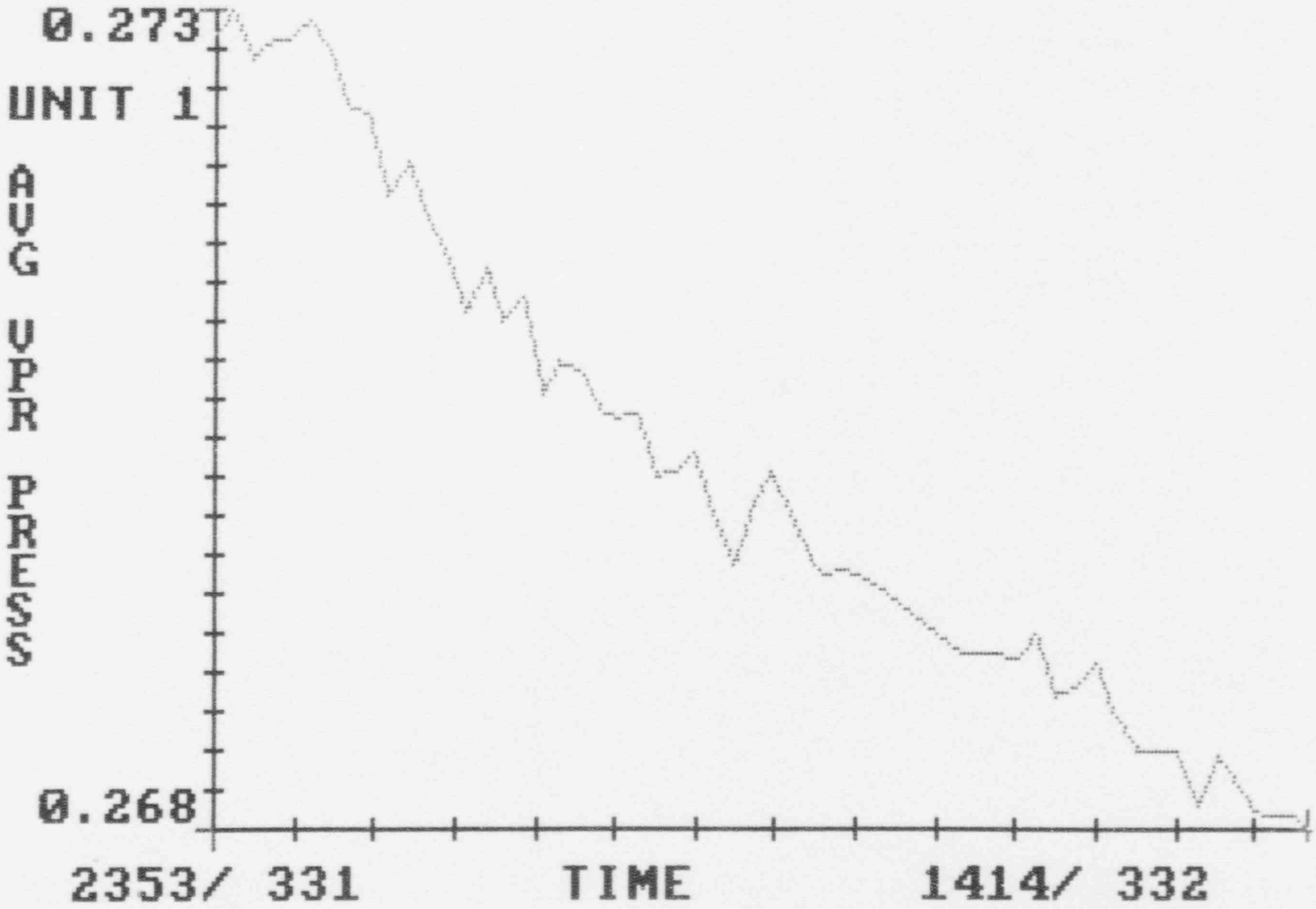
TEMPERATURE STABILIZATION UNIT 1						
		ANSI 56.8			BN-TOP-1	
TIME	TEMP	1 HR	4 HR	4HR - 1HR	BN1	BN2
10.73	75.422	0.0845	0.1030	0.0185	-0.0861	0.0036
10.98	75.401	0.0843	0.1006	0.0163	-0.0845	0.0061
11.23	75.379	0.0830	0.1017	0.0186	-0.0848	0.0058
11.48	75.360	0.0874	0.0976	0.0102	-0.0839	0.0099
11.73	75.343	0.0792	0.0928	0.0136	-0.0818	0.0082
12.03	75.319	0.0771	0.0851	0.0080	-0.0807	0.0044
12.30	75.301	0.0725	0.0848	0.0123	-0.0776	0.0113
12.55	75.290	0.0653	0.0809	0.0156	-0.0764	0.0055
12.58	75.286	0.0730	0.0818	0.0087	-0.0768	-0.0223
12.85	75.266	0.0748	0.0805	0.0057	-0.0740	0.0113
13.10	75.253	0.0690	0.0837	0.0146	-0.0696	0.0176
13.35	75.232	0.0725	0.0890	0.0166	-0.0694	0.0005
13.60	75.221	0.0637	0.0917	0.0280	-0.0656	0.0152
13.85	75.199	0.0672	0.0777	0.0105	-0.0683	-0.0108
14.10	75.185	0.0680	0.0759	0.0079	-0.0649	0.0125
14.35	75.168	0.0637	0.0737	0.0100	-0.0649	-0.0001

STABLE MODE
Page 1

AVERAGE DATA VALUES						
DATE	TIME	RTD	DEW PT.	VAP PRESS	DRY PRESS	MASS
331	0.00	78.043	0.000	0.273	63.598	952936.31
332	0.25	77.647	0.000	0.273	63.556	953016.13
332	0.50	77.391	0.000	0.273	63.529	953056.81
332	0.75	77.211	0.000	0.273	63.507	953049.13
332	1.00	77.060	0.000	0.273	63.490	953061.38
332	1.25	76.936	0.000	0.273	63.475	953054.31
332	1.50	76.833	0.000	0.273	63.461	953035.63
332	1.75	76.738	0.000	0.273	63.449	953014.63
332	2.00	76.654	0.000	0.273	63.438	953000.31
332	2.25	76.579	0.000	0.272	63.428	952989.19
332	2.50	76.523	0.000	0.272	63.419	952952.38
332	2.75	76.459	0.000	0.272	63.411	952940.31
332	3.02	76.393	0.000	0.272	63.402	952930.88
332	3.27	76.337	0.000	0.271	63.395	952917.88
332	3.52	76.293	0.000	0.272	63.387	952880.88
332	3.77	76.239	0.000	0.271	63.380	952871.63
332	4.02	76.194	0.000	0.271	63.373	952848.81
332	4.27	76.149	0.000	0.271	63.367	952842.31
332	4.52	76.114	0.000	0.271	63.361	952808.31
332	4.77	76.067	0.000	0.271	63.355	952800.13
332	5.02	76.030	0.000	0.271	63.349	952781.31
332	5.27	75.989	0.000	0.271	63.344	952776.00
332	5.52	75.965	0.000	0.271	63.339	952745.13
332	5.77	75.920	0.000	0.270	63.334	952751.19
332	6.02	75.894	0.000	0.270	63.329	952720.31
332	6.27	75.859	0.000	0.270	63.324	952707.38
332	6.52	75.835	0.000	0.270	63.320	952688.63
332	6.77	75.803	0.000	0.270	63.316	952684.00
332	7.02	75.785	0.000	0.270	63.311	952642.88
332	7.27	75.750	0.000	0.270	63.307	952641.38
332	7.52	75.714	0.000	0.270	63.303	952641.63
332	7.77	75.686	0.000	0.270	63.298	952623.81
332	8.02	75.660	0.000	0.269	63.295	952614.69
332	8.27	75.640	0.000	0.270	63.291	952596.69
332	8.52	75.613	0.000	0.269	63.287	952590.81
332	8.77	75.588	0.000	0.269	63.283	952568.00
332	9.70	75.510	0.000	0.269	63.270	952513.81
332	9.93	75.489	0.000	0.269	63.267	952506.81
332	10.22	75.463	0.000	0.269	63.263	952496.13
332	10.48	75.448	0.000	0.269	63.259	952458.81

STABLE MODE
Page 2

AVERAGE DATA VALUES						
DATE	TIME	RTD	DEW PT.	VAP PRESS	DRY PRESS	MASS
332	10.73	75.422	0.000	0.269	63.256	952452.88
332	10.98	75.401	0.000	0.269	63.253	952448.50
332	11.23	75.379	0.000	0.269	63.250	952444.19
332	11.48	75.360	0.000	0.269	63.246	952421.38
332	11.73	75.343	0.000	0.269	63.244	952411.00
332	12.03	75.319	0.000	0.268	63.240	952401.13
332	12.30	75.301	0.000	0.268	63.237	952392.31
332	12.55	75.290	0.000	0.268	63.235	952377.31
332	12.58	75.286	0.000	0.268	63.235	952379.50
332	12.85	75.266	0.000	0.268	63.232	952368.81
332	13.10	75.253	0.000	0.268	63.228	952338.13
332	13.35	75.232	0.000	0.268	63.226	952340.50
332	13.60	75.221	0.000	0.268	63.223	952320.50
332	13.85	75.199	0.000	0.268	63.221	952329.13
332	14.10	75.185	0.000	0.268	63.218	952303.00
332	14.35	75.168	0.000	0.268	63.215	952287.88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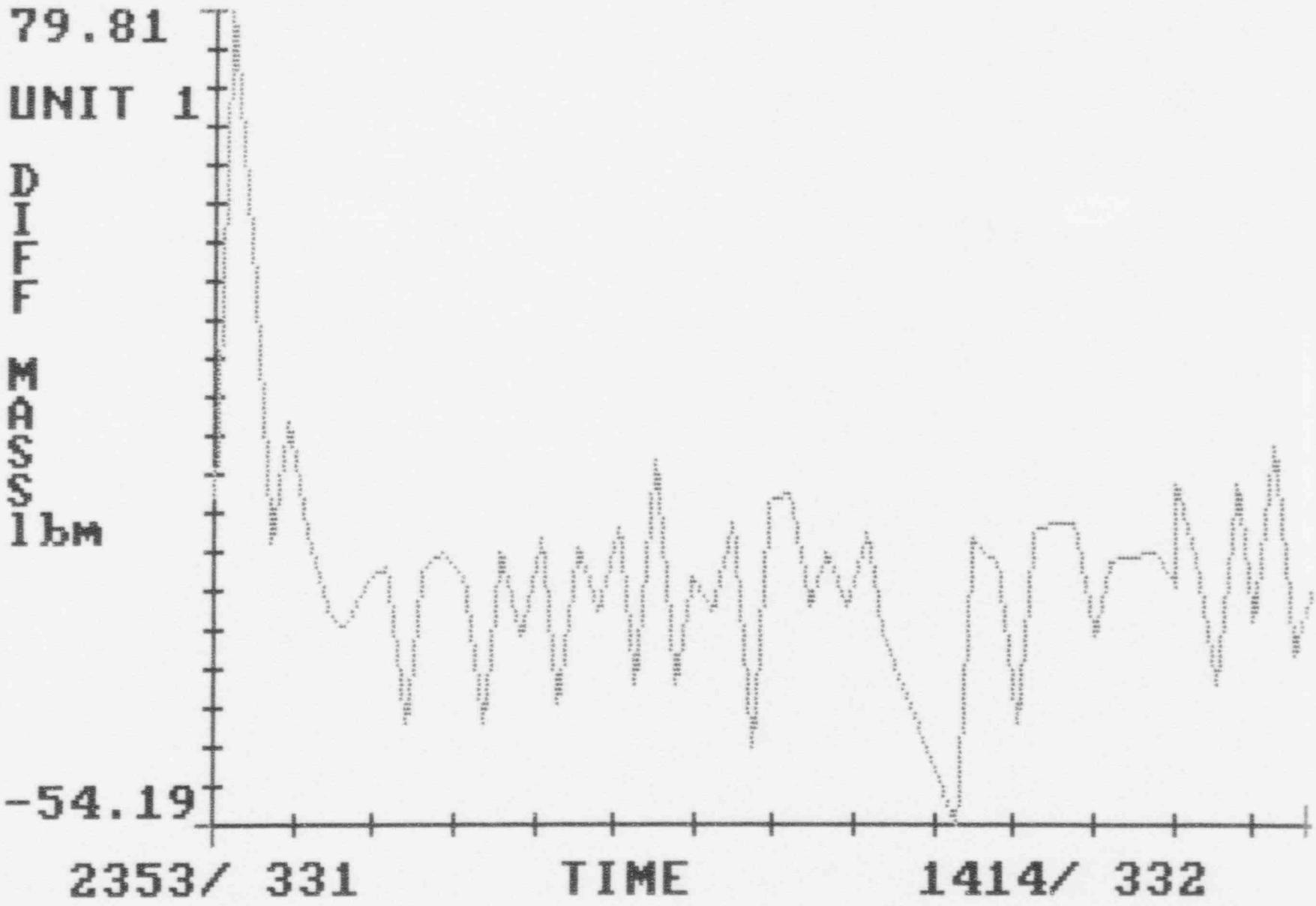
2353/ 331
TIME
1414/ 332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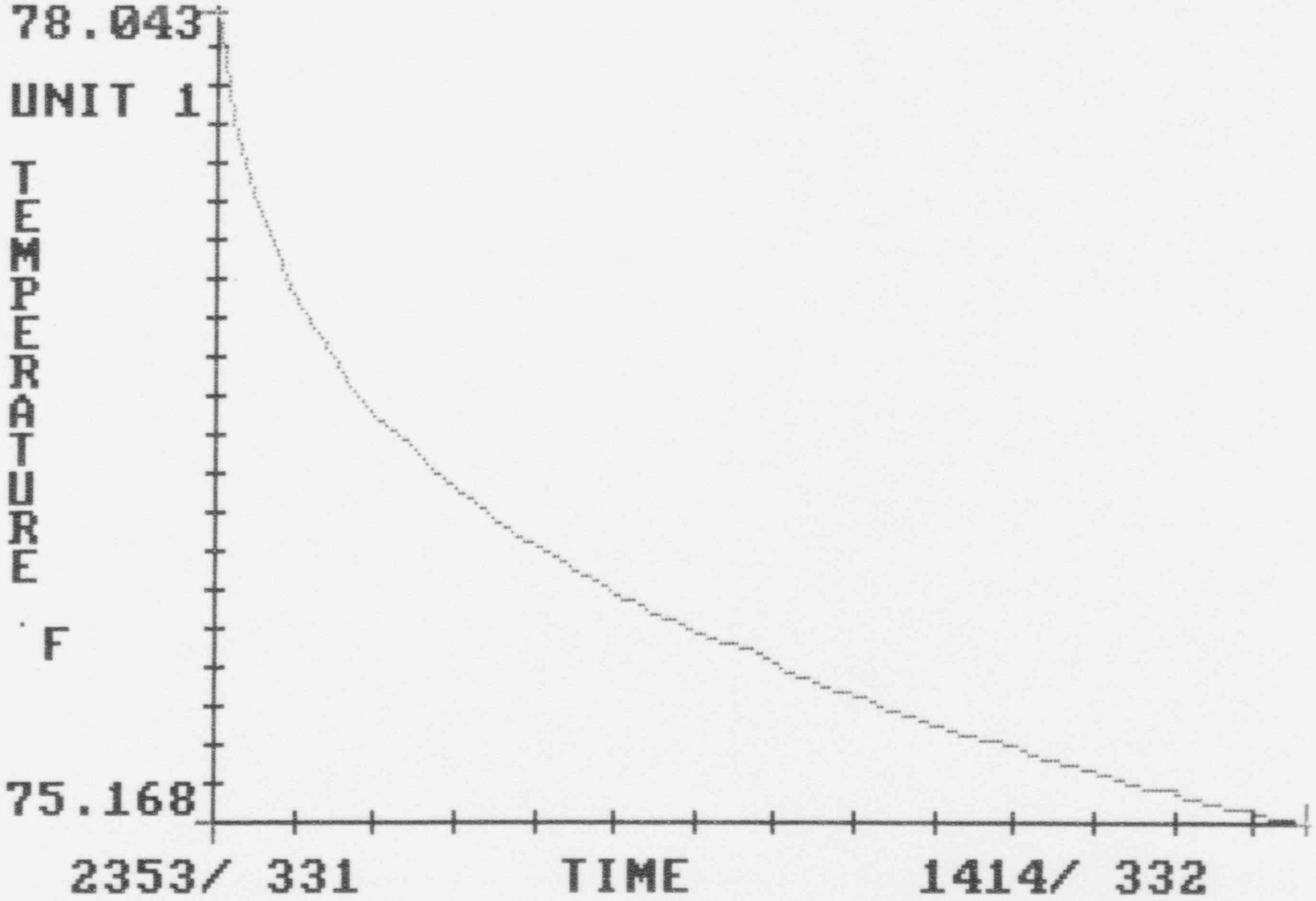
2353/ 331
TIME
1414/ 332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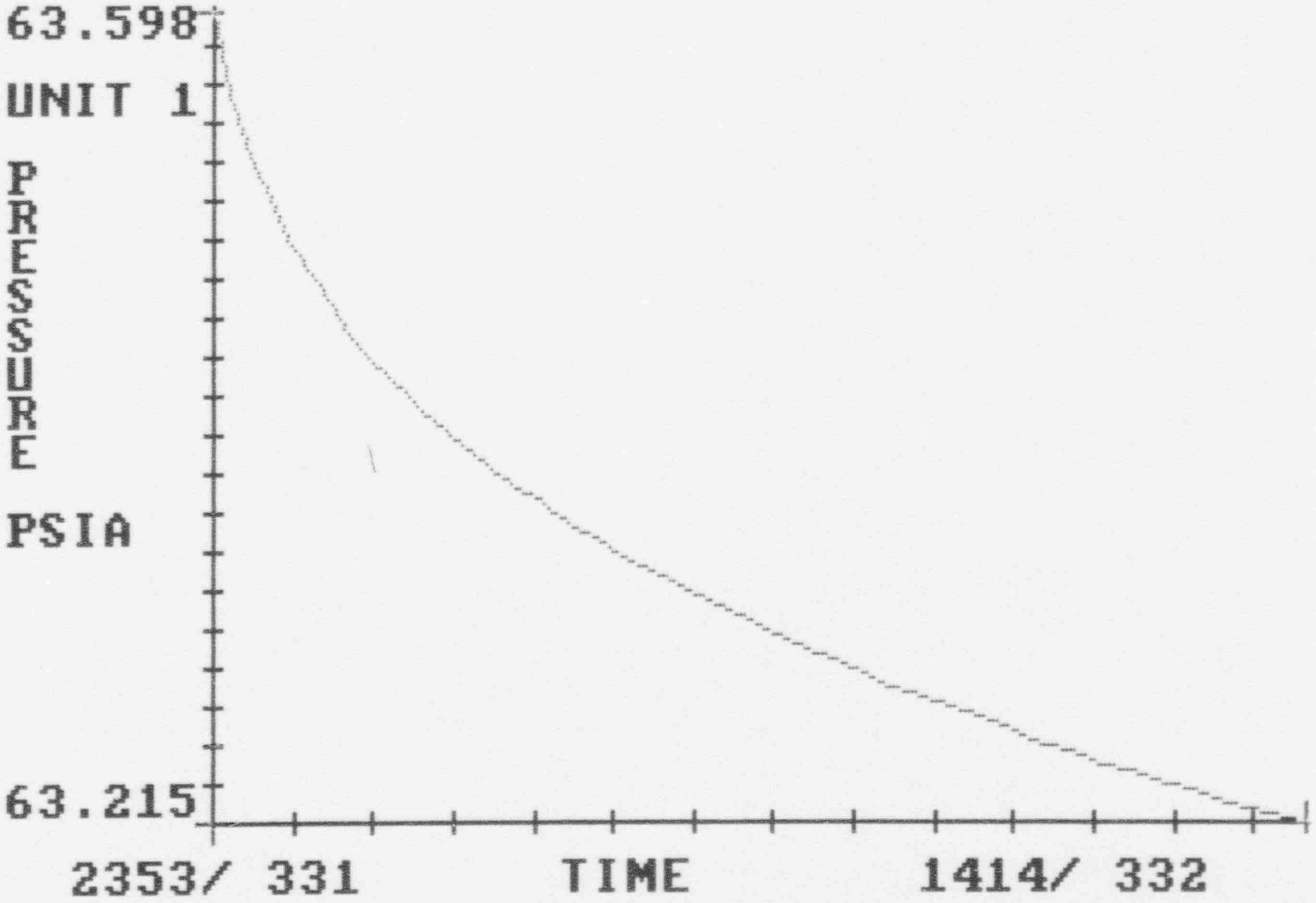
2353/ 331
TIME
1414/ 332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PSIA
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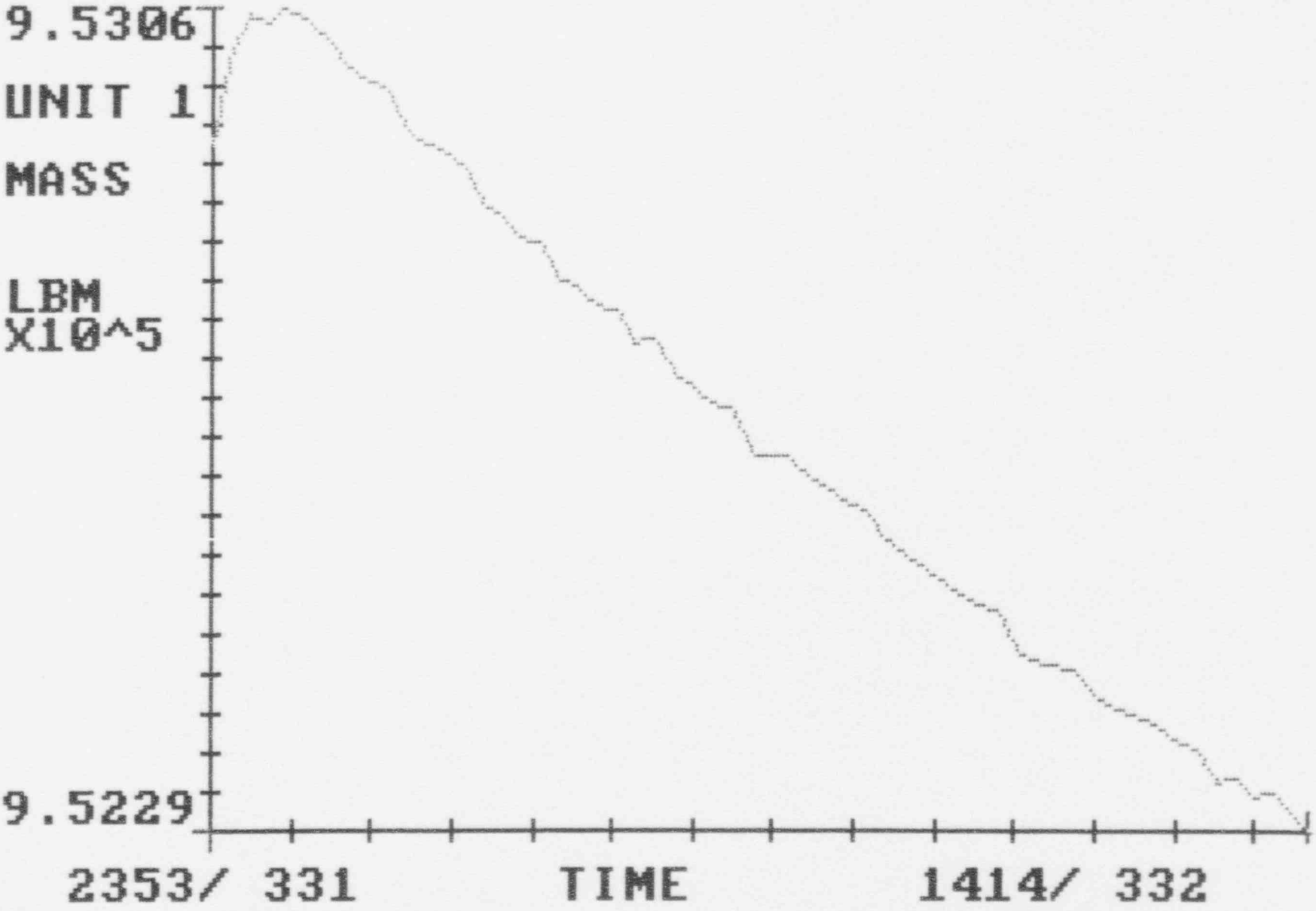
2353/ 331
TIME
1414/ 332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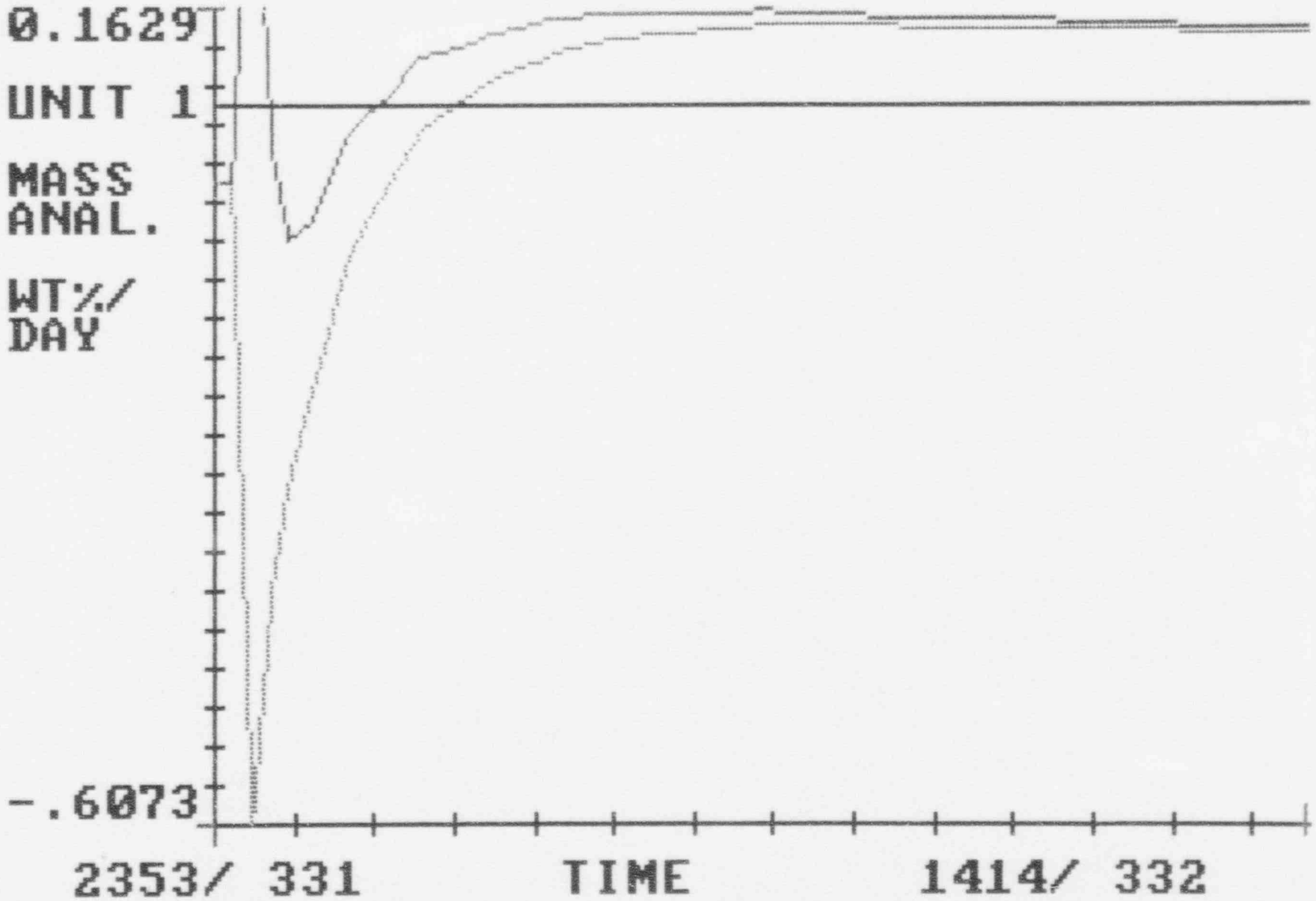
2353/ 331
TIME
1414/ 332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DAY
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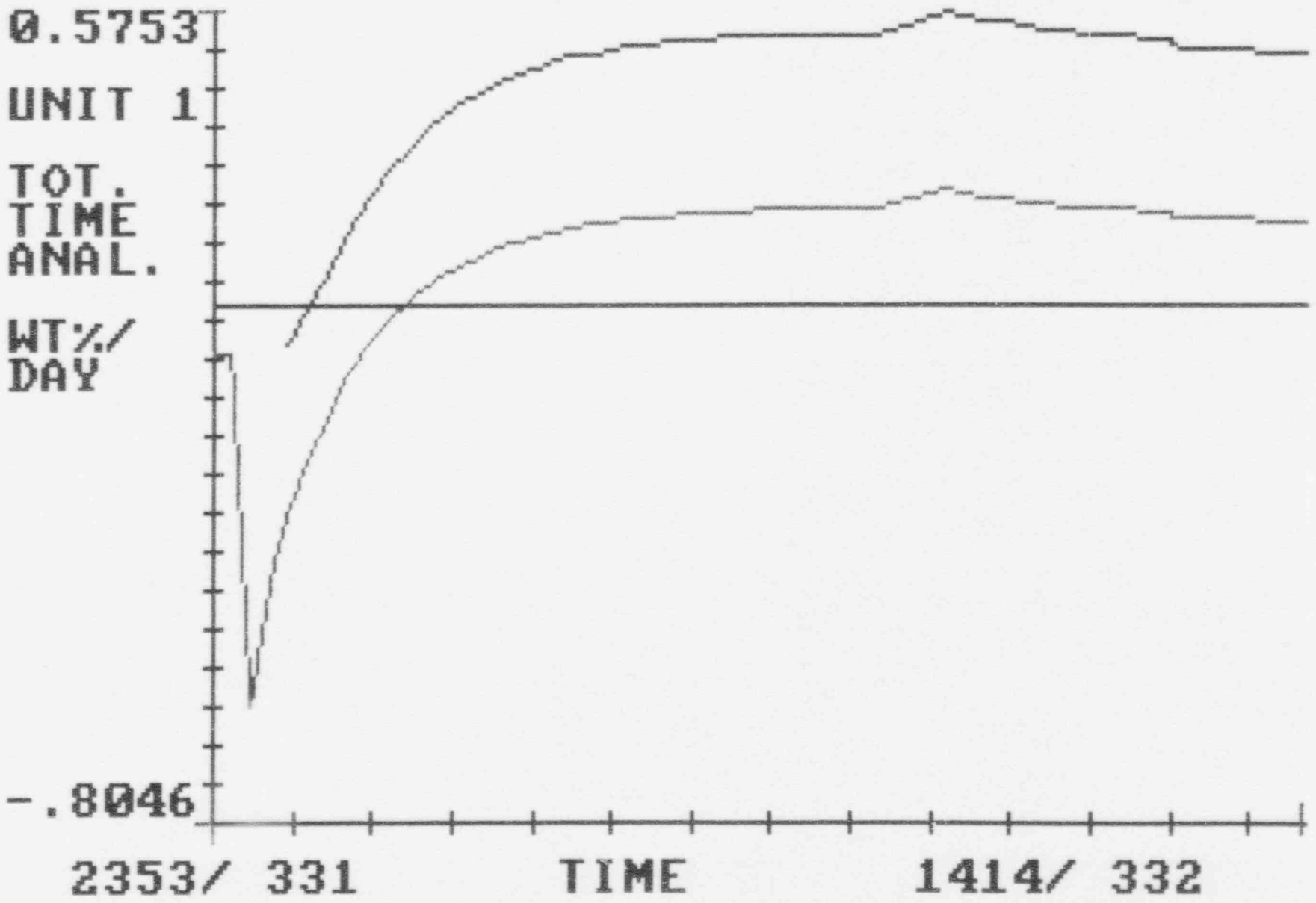
2353/ 331
TIME
1414/ 332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WT%/
DAY
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2353/ 331
TIME
1414/ 332

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : STABLE
DATE : 331
TIME : 23:53

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.8722	2	+63.8695

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+77.740	2	+76.950	3	+76.810
4	+76.720	5	+79.170	6	+78.310
7	+77.690	8	+79.070	9	+78.660
10	+76.860	11	+79.090	12	+79.930
13	+78.830	14	+79.510	15	+80.390
16	+81.150	17	+78.240	18	+78.710
19	+78.290	20	+78.250	21	+78.260
22	+78.400	23	+78.940	24	+79.090
25	+79.090	26	+80.330	27	+77.940
28	+77.940	29	+78.120	30	+77.780
31	+77.720	32	+77.610	33	+77.530
34	+77.720	35	+77.990	36	+77.540
37	+77.470	38	+77.970	39	+76.000
40	+77.930				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+56.990	2	+58.250	3	+58.710
4	+57.220	5	+55.050	6	+51.790
7	+58.230	8	+58.430	9	+57.790
10	+57.560	11	+58.800	12	+56.590
13	+54.930	14	+59.860		

AVERAGE TEMPERATURE = +78.043 DEG. F
AVERAGE PRESSURE = +63.871 PSIA
AVG VAPOR PRESSURE = +0.2731 PSIA
MASS = +952936.25 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : STABLE
DATE : 332
TIME : 00:08

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.8311	2	+63.8281

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+77.570	2	+77.190	3	+76.740
4	+76.590	5	+78.990	6	+78.120
7	+77.480	8	+78.900	9	+78.350
10	+76.710	11	+78.520	12	+79.890
13	+78.260	14	+79.200	15	+80.260
16	+80.860	17	+77.920	18	+78.400
19	+77.850	20	+77.790	21	+77.960
22	+77.890	23	+78.550	24	+78.950
25	+78.670	26	+80.080	27	+77.500
28	+77.540	29	+77.680	30	+77.380
31	+77.260	32	+77.130	33	+77.070
34	+77.280	35	+77.480	36	+77.090
37	+77.010	38	+77.520	39	+77.490
40	+77.540				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+57.650	2	+58.200	3	+57.510
4	+58.180	5	+55.450	6	+52.220
7	+59.230	8	+59.570	9	+58.360
10	+58.150	11	+59.600	12	+57.520
13	+55.810	14	+60.870		

AVERAGE TEMPERATURE = +77.647 DEG. F
AVERAGE PRESSURE = +63.830 PSIA
AVG VAPOR PRESSURE = +0.2733 PSIA
MASS = +953016.06 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : STABLE
DATE : 332
TIME : 00:23

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.8030	2	+63.8003

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+77.470	2	+77.220	3	+76.680
4	+76.540	5	+78.900	6	+78.000
7	+77.340	8	+78.730	9	+78.050
10	+76.650	11	+78.220	12	+79.850
13	+77.850	14	+79.210	15	+80.110
16	+80.680	17	+77.490	18	+78.080
19	+77.580	20	+77.380	21	+77.680
22	+77.560	23	+78.300	24	+78.760
25	+78.430	26	+79.910	27	+77.280
28	+77.320	29	+77.330	30	+77.170
31	+76.970	32	+76.870	33	+76.760
34	+77.000	35	+77.220	36	+76.820
37	+76.760	38	+77.280	39	+77.160
40	+77.210				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+57.880	2	+58.210	3	+56.940
4	+58.760	5	+55.790	6	+52.950
7	+60.050	8	+60.510	9	+58.770
10	+58.650	11	+59.640	12	+58.060
13	+56.280	14	+61.170		

AVERAGE TEMPERATURE = +77.391 DEG. F
AVERAGE PRESSURE = +63.802 PSIA
AVG VAPOR PRESSURE = +0.2730 PSIA
MASS = +953056.81 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : STABLE
DATE : 332
TIME : 00:38

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.7816	2	+63.7783

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+77.410	2	+77.210	3	+76.600
4	+76.460	5	+78.800	6	+77.870
7	+77.240	8	+78.660	9	+78.000
10	+76.570	11	+77.930	12	+79.740
13	+77.670	14	+79.160	15	+79.990
16	+80.550	17	+77.330	18	+77.910
19	+77.350	20	+77.190	21	+77.510
22	+77.360	23	+78.030	24	+78.680
25	+78.190	26	+79.810	27	+77.070
28	+77.330	29	+77.170	30	+76.940
31	+76.740	32	+76.670	33	+76.540
34	+76.760	35	+76.980	36	+76.610
37	+76.540	38	+77.060	39	+76.940
40	+76.990				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+58.050	2	+58.380	3	+56.880
4	+59.000	5	+55.250	6	+53.320
7	+60.420	8	+61.170	9	+58.750
10	+59.090	11	+60.250	12	+58.550
13	+56.650	14	+61.530		

AVERAGE TEMPERATURE = +77.211 DEG. F
AVERAGE PRESSURE = +63.780 PSIA
AVG VAPOR PRESSURE = +0.2731 PSIA
MASS = +953049.13 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : STABLE
DATE : 332
TIME : 00:53

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.7641	2	+63.7617

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+77.380	2	+77.180	3	+76.510
4	+76.380	5	+78.690	6	+77.770
7	+77.130	8	+78.520	9	+77.800
10	+76.480	11	+77.680	12	+79.530
13	+77.510	14	+79.050	15	+79.890
16	+80.430	17	+77.190	18	+77.690
19	+77.160	20	+77.030	21	+77.380
22	+77.200	23	+77.870	24	+78.600
25	+78.090	26	+79.670	27	+76.980
28	+77.250	29	+76.970	30	+76.840
31	+76.590	32	+76.480	33	+76.370
34	+76.600	35	+76.830	36	+76.430
37	+76.380	38	+76.860	39	+76.780
40	+76.770				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+58.580	2	+58.530	3	+56.880
4	+58.980	5	+55.320	6	+53.440
7	+60.860	8	+61.040	9	+58.680
10	+59.690	11	+61.280	12	+58.760
13	+57.080	14	+61.780		

AVERAGE TEMPERATURE = +77.060 DEG. F
AVERAGE PRESSURE = +63.763 PSIA
AVG VAPOR PRESSURE = +0.2731 PSIA
MASS = +953061.38 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : STABLE
DATE : 332
TIME : 01:08

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.7492	2	+63.7467

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+77.350	2	+77.140	3	+76.420
4	+76.310	5	+78.610	6	+77.690
7	+77.050	8	+78.410	9	+77.800
10	+76.430	11	+77.580	12	+79.470
13	+77.370	14	+78.850	15	+79.780
16	+80.340	17	+77.100	18	+77.510
19	+77.000	20	+76.870	21	+77.270
22	+77.040	23	+77.690	24	+78.460
25	+77.930	26	+79.580	27	+76.880
28	+77.140	29	+76.820	30	+76.650
31	+76.480	32	+76.400	33	+76.240
34	+76.460	35	+76.730	36	+76.330
37	+76.250	38	+76.700	39	+76.670
40	+76.590				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+59.050	2	+58.660	3	+56.820
4	+59.220	5	+55.560	6	+53.500
7	+61.140	8	+61.550	9	+59.110
10	+59.790	11	+61.790	12	+59.080
13	+57.220	14	+62.090		

AVERAGE TEMPERATURE = +76.936 DEG. F
AVERAGE PRESSURE = +63.748 PSIA
AVG VAPOR PRESSURE = +0.2732 PSIA
MASS = +953054.31 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : STABLE
DATE : 332
TIME : 01:23

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.7357	2	+63.7329

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+77.270	2	+77.110	3	+76.350
4	+76.250	5	+78.530	6	+77.630
7	+76.950	8	+78.340	9	+77.630
10	+76.370	11	+77.470	12	+79.380
13	+77.250	14	+78.760	15	+79.680
16	+80.280	17	+76.970	18	+77.400
19	+76.910	20	+76.740	21	+77.170
22	+76.910	23	+77.640	24	+78.440
25	+77.870	26	+79.500	27	+76.730
28	+77.030	29	+76.690	30	+76.570
31	+76.380	32	+76.320	33	+76.140
34	+76.360	35	+76.620	36	+76.230
37	+76.170	38	+76.590	39	+76.550
40	+76.470				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+59.380	2	+58.840	3	+56.780
4	+59.250	5	+55.610	6	+53.710
7	+61.250	8	+61.600	9	+59.130
10	+60.150	11	+62.010	12	+59.270
13	+57.300	14	+62.350		

AVERAGE TEMPERATURE = +76.833 DEG. F
AVERAGE PRESSURE = +63.734 PSIA
AVG VAPOR PRESSURE = +0.2730 PSIA
MASS = +953035.56 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : STABLE
DATE : 332
TIME : 01:38

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.7225	2	+63.7202

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+77.200	2	+77.070	3	+76.300
4	+76.190	5	+78.460	6	+77.540
7	+76.890	8	+78.260	9	+77.590
10	+76.330	11	+77.300	12	+79.390
13	+77.140	14	+78.690	15	+79.600
16	+80.220	17	+76.920	18	+77.310
19	+76.850	20	+76.690	21	+77.080
22	+76.840	23	+77.420	24	+78.340
25	+77.790	26	+79.400	27	+76.620
28	+76.930	29	+76.610	30	+76.400
31	+76.260	32	+76.210	33	+76.030
34	+76.260	35	+76.530	36	+76.120
37	+76.070	38	+76.490	39	+76.460
40	+76.370				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+59.540	2	+58.940	3	+56.860
4	+59.150	5	+56.000	6	+53.940
7	+61.410	8	+61.740	9	+59.350
10	+60.410	11	+62.170	12	+59.240
13	+57.180	14	+62.390		

AVERAGE TEMPERATURE = +76.738 DEG. F
AVERAGE PRESSURE = +63.721 PSIA
AVG VAPOR PRESSURE = +0.2727 PSIA
MASS = +953014.63 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : STABLE
DATE : 332
TIME : 01:53

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.7117	2	+63.7089

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+77.140	2	+77.000	3	+76.250
4	+76.140	5	+78.390	6	+77.460
7	+76.820	8	+78.190	9	+77.510
10	+76.280	11	+77.210	12	+79.310
13	+77.060	14	+78.650	15	+79.590
16	+80.170	17	+76.770	18	+77.170
19	+76.760	20	+76.590	21	+76.970
22	+76.740	23	+77.330	24	+78.280
25	+77.760	26	+79.350	27	+76.540
28	+76.840	29	+76.540	30	+76.370
31	+76.190	32	+76.090	33	+75.950
34	+76.170	35	+76.420	36	+76.030
37	+75.970	38	+76.370	39	+76.380
40	+76.300				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+59.590	2	+59.080	3	+57.220
4	+59.210	5	+55.760	6	+53.910
7	+61.670	8	+61.550	9	+59.570
10	+60.390	11	+62.190	12	+59.740
13	+57.620	14	+62.510		

AVERAGE TEMPERATURE = +76.654 DEG. F
AVERAGE PRESSURE = +63.710 PSIA
AVG VAPOR PRESSURE = +0.2726 PSIA
MASS = +953000.25 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : STABLE
DATE : 332
TIME : 02:08

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.7017	2	+63.6986

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+77.120	2	+76.960	3	+76.190
4	+76.100	5	+78.340	6	+77.380
7	+76.730	8	+78.120	9	+77.360
10	+76.250	11	+77.060	12	+79.290
13	+76.980	14	+78.610	15	+79.550
16	+80.130	17	+76.670	18	+77.090
19	+76.640	20	+76.530	21	+76.860
22	+76.670	23	+77.160	24	+78.290
25	+77.620	26	+79.350	27	+76.460
28	+76.720	29	+76.440	30	+76.330
31	+76.130	32	+76.030	33	+75.870
34	+76.090	35	+76.350	36	+75.960
37	+75.910	38	+76.320	39	+76.280
40	+76.210				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+59.500	2	+59.090	3	+57.460
4	+59.240	5	+56.240	6	+54.010
7	+61.720	8	+61.640	9	+59.480
10	+60.410	11	+61.990	12	+59.710
13	+57.630	14	+62.740		

AVERAGE TEMPERATURE = +76.579 DEG. F
AVERAGE PRESSURE = +63.700 PSIA
AVG VAPOR PRESSURE = +0.2721 PSIA
MASS = +952989.19 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : STABLE
DATE : 332
TIME : 02:23

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.6930	2	+63.6897

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+77.060	2	+76.900	3	+76.140
4	+76.040	5	+78.300	6	+77.340
7	+76.710	8	+78.120	9	+77.280
10	+76.230	11	+77.040	12	+79.240
13	+76.920	14	+78.510	15	+79.510
16	+80.090	17	+76.650	18	+77.000
19	+76.530	20	+76.440	21	+76.800
22	+76.610	23	+77.160	24	+78.260
25	+77.520	26	+79.310	27	+76.590
28	+76.680	29	+76.410	30	+76.210
31	+76.040	32	+75.940	33	+75.820
34	+76.020	35	+76.270	36	+75.900
37	+75.850	38	+76.240	39	+76.220
40	+76.130				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+59.560	2	+59.250	3	+57.580
4	+59.510	5	+55.930	6	+53.870
7	+61.840	8	+61.900	9	+59.610
10	+60.610	11	+62.350	12	+59.860
13	+57.950	14	+62.820		

AVERAGE TEMPERATURE = +76.523 DEG. F
AVERAGE PRESSURE = +63.691 PSIA
AVG VAPOR PRESSURE = +0.2723 PSIA
MASS = +952952.44 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : STABLE
DATE : 332
TIME : 02:38

Pressure Instruments in PSIA

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channel	pressure	channel	pressure
1	+63.6841	2	+63.6813

RTDs in degrees F

---

channel	temp.	channel	temp.	channel	temp.
1	+77.020	2	+76.860	3	+76.100
4	+75.990	5	+78.270	6	+77.260
7	+76.620	8	+77.990	9	+77.210
10	+76.220	11	+76.920	12	+79.210
13	+76.850	14	+78.410	15	+79.450
16	+80.040	17	+76.560	18	+76.930
19	+76.460	20	+76.370	21	+76.730
22	+76.540	23	+77.060	24	+78.180
25	+77.550	26	+79.250	27	+76.490
28	+76.620	29	+76.340	30	+76.170
31	+76.010	32	+75.910	33	+75.740
34	+75.960	35	+76.190	36	+75.840
37	+75.770	38	+76.160	39	+76.160
40	+76.090				

Relative humidity in percent

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channel	%RH	channel	%RH	channel	%RH
1	+59.670	2	+59.330	3	+57.630
4	+59.430	5	+56.020	6	+54.070
7	+61.920	8	+61.980	9	+59.720
10	+60.530	11	+62.430	12	+60.120
13	+57.840	14	+62.790		

AVERAGE TEMPERATURE = +76.459 DEG. F
AVERAGE PRESSURE = +63.683 PSIA
AVG VAPOR PRESSURE = +0.2720 PSIA
MASS = +952940.25 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : STABLE
DATE : 332
TIME : 02:54

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.6755	2	+63.6723

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+76.960	2	+76.800	3	+76.060
4	+75.940	5	+78.240	6	+77.210
7	+76.590	8	+77.930	9	+77.180
10	+76.200	11	+76.900	12	+79.160
13	+76.800	14	+78.300	15	+79.420
16	+80.010	17	+76.480	18	+76.870
19	+76.430	20	+76.320	21	+76.660
22	+76.480	23	+77.050	24	+78.090
25	+77.420	26	+79.230	27	+76.390
28	+76.530	29	+76.260	30	+76.100
31	+75.920	32	+75.830	33	+75.680
34	+75.880	35	+76.130	36	+75.780
37	+75.710	38	+76.080	39	+76.100
40	+76.020				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+59.740	2	+59.360	3	+57.590
4	+59.560	5	+56.310	6	+54.400
7	+62.090	8	+62.230	9	+59.680
10	+60.690	11	+62.240	12	+60.220
13	+57.880	14	+62.820		

AVERAGE TEMPERATURE = +76.393 DEG. F
AVERAGE PRESSURE = +63.674 PSIA
AVG VAPOR PRESSURE = +0.2716 PSIA
MASS = +952930.88 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : STABLE
DATE : 332
TIME : 03:09

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.6675	2	+63.6645

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+76.910	2	+76.760	3	+76.010
4	+75.890	5	+78.210	6	+77.150
7	+76.530	8	+77.930	9	+77.070
10	+76.180	11	+76.840	12	+79.130
13	+76.730	14	+78.210	15	+79.360
16	+79.990	17	+76.400	18	+76.790
19	+76.370	20	+76.260	21	+76.590
22	+76.430	23	+76.960	24	+78.110
25	+77.330	26	+79.180	27	+76.220
28	+76.480	29	+76.220	30	+76.050
31	+75.870	32	+75.760	33	+75.630
34	+75.860	35	+76.060	36	+75.720
37	+75.670	38	+76.050	39	+76.060
40	+75.980				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+59.820	2	+59.480	3	+57.580
4	+59.590	5	+56.150	6	+54.190
7	+62.050	8	+61.820	9	+59.890
10	+60.540	11	+62.450	12	+60.130
13	+57.900	14	+63.050		

AVERAGE TEMPERATURE = +76.337 DEG. F
AVERAGE PRESSURE = +63.666 PSIA
AVG VAPOR PRESSURE = +0.2712 PSIA
MASS = +952917.94 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : STABLE
DATE : 332
TIME : 03:24

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.6601	2	+63.6573

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+76.930	2	+76.730	3	+75.980
4	+75.860	5	+78.180	6	+77.100
7	+76.470	8	+77.910	9	+77.010
10	+76.170	11	+76.800	12	+79.100
13	+76.680	14	+78.160	15	+79.310
16	+79.970	17	+76.310	18	+76.750
19	+76.320	20	+76.220	21	+76.510
22	+76.370	23	+76.930	24	+78.080
25	+77.230	26	+79.130	27	+76.270
28	+76.460	29	+76.170	30	+76.000
31	+75.820	32	+75.740	33	+75.570
34	+75.800	35	+76.040	36	+75.670
37	+75.610	38	+76.000	39	+75.990
40	+75.880				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+59.690	2	+59.560	3	+57.510
4	+59.660	5	+56.500	6	+54.050
7	+62.190	8	+62.140	9	+59.900
10	+60.840	11	+62.650	12	+60.220
13	+58.220	14	+63.210		

AVERAGE TEMPERATURE = +76.293 DEG. F
AVERAGE PRESSURE = +63.659 PSIA
AVG VAPOR PRESSURE = +0.2716 PSIA
MASS = +952880.88 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : STABLE
DATE : 332
TIME : 03:39

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.6532	2	+63.6493

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+76.910	2	+76.710	3	+75.960
4	+75.810	5	+78.140	6	+77.050
7	+76.440	8	+77.800	9	+76.950
10	+76.130	11	+76.710	12	+79.060
13	+76.630	14	+78.170	15	+79.270
16	+79.920	17	+76.270	18	+76.710
19	+76.270	20	+76.190	21	+76.450
22	+76.370	23	+76.890	24	+78.000
25	+77.240	26	+79.110	27	+76.110
28	+76.360	29	+76.110	30	+75.960
31	+75.760	32	+75.640	33	+75.530
34	+75.780	35	+75.920	36	+75.620
37	+75.580	38	+76.000	39	+75.950
40	+75.840				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+59.690	2	+59.600	3	+57.720
4	+59.800	5	+56.340	6	+54.060
7	+62.270	8	+62.390	9	+60.110
10	+60.930	11	+62.400	12	+60.120
13	+58.390	14	+62.880		

AVERAGE TEMPERATURE = +76.239 DEG. F
AVERAGE PRESSURE = +63.651 PSIA
AVG VAPOR PRESSURE = +0.271? PSIA
MASS = +952871.6? LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : STABLE
DATE : 332
TIME : 03:54

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.6463	2	+63.6429

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+76.860	2	+76.690	3	+75.910
4	+75.780	5	+78.130	6	+76.980
7	+76.390	8	+77.880	9	+76.880
10	+76.120	11	+76.670	12	+79.000
13	+76.580	14	+78.130	15	+79.250
16	+79.880	17	+76.240	18	+76.680
19	+76.260	20	+76.110	21	+76.400
22	+76.270	23	+76.830	24	+78.050
25	+77.170	26	+79.080	27	+76.040
28	+76.320	29	+76.090	30	+75.910
31	+75.740	32	+75.620	33	+75.470
34	+75.690	35	+75.950	36	+75.580
37	+75.520	38	+75.910	39	+75.870
40	+75.800				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+59.510	2	+59.710	3	+57.640
4	+59.880	5	+57.090	6	+54.060
7	+62.230	8	+62.470	9	+60.190
10	+60.980	11	+62.700	12	+60.400
13	+58.380	14	+63.100		

AVERAGE TEMPERATURE = +76.194 DEG. F
AVERAGE PRESSURE = +63.645 PSIA
AVG VAPOR PRESSURE = +0.2713 PSIA
MASS = +952848.75 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : STABLE
DATE : 332
TIME : 04:09

Pressure Instruments in PSIA

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channel	pressure	channel	pressure
1	+63.6398	2	+63.6365

RTDs in degrees F

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channel	temp.	channel	temp.	channel	temp.
1	+76.800	2	+76.660	3	+75.900
4	+75.740	5	+78.100	6	+76.950
7	+76.320	8	+77.690	9	+76.850
10	+76.080	11	+76.620	12	+79.000
13	+76.520	14	+77.960	15	+79.200
16	+79.850	17	+76.190	18	+76.610
19	+76.200	20	+76.040	21	+76.340
22	+76.220	23	+76.750	24	+77.920
25	+77.220	26	+79.060	27	+76.040
28	+76.260	29	+76.060	30	+75.880
31	+75.680	32	+75.560	33	+75.450
34	+75.670	35	+75.890	36	+75.540
37	+75.480	38	+75.830	39	+75.850
40	+75.760				

Relative humidity in percent

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channel	%RH	channel	%RH	channel	%RH
1	+59.860	2	+59.790	3	+57.520
4	+59.940	5	+56.660	6	+54.250
7	+62.450	8	+62.390	9	+60.070
10	+60.890	11	+62.270	12	+60.390
13	+58.260	14	+63.290		

AVERAGE TEMPERATURE = +76.149 DEG. F
AVERAGE PRESSURE = +63.638 PSIA
AVG VAPOR PRESSURE = +0.2707 PSIA
MASS = +952842.25 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : STABLE
DATE : 332
TIME : 04:24

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.6337	2	+63.6304

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+76.790	2	+76.620	3	+75.850
4	+75.700	5	+78.080	6	+76.890
7	+76.300	8	+77.670	9	+76.760
10	+76.040	11	+76.560	12	+78.950
13	+76.470	14	+77.900	15	+79.160
16	+79.840	17	+76.130	18	+76.570
19	+76.150	20	+76.010	21	+76.290
22	+76.200	23	+76.740	24	+77.880
25	+77.130	26	+79.030	27	+76.120
28	+76.230	29	+76.000	30	+75.850
31	+75.640	32	+75.580	33	+75.390
34	+75.610	35	+75.870	36	+75.490
37	+75.440	38	+75.780	39	+75.790
40	+75.710				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+59.780	2	+59.790	3	+57.650
4	+59.920	5	+56.920	6	+54.390
7	+62.480	8	+62.860	9	+60.300
10	+60.910	11	+62.430	12	+60.610
13	+58.210	14	+63.450		

AVERAGE TEMPERATURE = +76.114 DEG. F
AVERAGE PRESSURE = +63.632 PSIA
AVG VAPOR PRESSURE = +0.2709 PSIA
MASS = +952808.25 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : STABLE
DATE : 332
TIME : 04:39

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.6274	2	+63.6244

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+76.780	2	+76.610	3	+75.830
4	+75.680	5	+78.050	6	+76.860
7	+76.290	8	+77.660	9	+76.790
10	+75.990	11	+76.540	12	+78.930
13	+76.450	14	+77.850	15	+79.130
16	+79.800	17	+76.070	18	+76.520
19	+76.130	20	+75.980	21	+76.250
22	+76.170	23	+76.720	24	+77.840
25	+77.050	26	+78.950	27	+75.980
28	+76.190	29	+75.950	30	+75.810
31	+75.590	32	+75.490	33	+75.340
34	+75.560	35	+75.800	36	+75.450
37	+75.380	38	+75.780	39	+75.750
40	+75.650				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+59.760	2	+59.880	3	+57.730
4	+60.070	5	+56.480	6	+54.370
7	+62.540	8	+62.570	9	+60.270
10	+61.090	11	+62.920	12	+60.550
13	+58.490	14	+63.450		

AVERAGE TEMPERATURE = +76.067 DEG. F
AVERAGE PRESSURE = +63.626 PSIA
AVG VAPOR PRESSURE = +0.2708 PSIA
MASS = +952800.13 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : STABLE
DATE : 332
TIME : 04:54

Pressure Instruments in PSIA

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channel	pressure	channel	pressure
1	+63.6214	2	+63.6185

RTDs in degrees F

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channel	temp.	channel	temp.	channel	temp.
1	+76.690	2	+76.570	3	+75.800
4	+75.650	5	+78.030	6	+76.830
7	+76.250	8	+77.580	9	+76.720
10	+75.980	11	+76.540	12	+78.900
13	+76.390	14	+77.810	15	+79.100
16	+79.780	17	+76.090	18	+76.470
19	+76.060	20	+75.940	21	+76.240
22	+76.090	23	+76.720	24	+77.750
25	+77.060	26	+78.930	27	+75.930
28	+76.140	29	+75.890	30	+75.750
31	+75.570	32	+75.480	33	+75.310
34	+75.520	35	+75.800	36	+75.420
37	+75.360	38	+75.690	39	+75.720
40	+75.640				

Relative humidity in percent

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channel	%RH	channel	%RH	channel	%RH
1	+59.870	2	+59.900	3	+57.800
4	+60.060	5	+56.730	6	+54.640
7	+62.560	8	+62.320	9	+60.420
10	+61.140	11	+62.870	12	+60.650
13	+58.420	14	+63.610		

AVERAGE TEMPERATURE = +76.030 DEG. F
AVERAGE PRESSURE = +63.620 PSIA
AVG VAPOR PRESSURE = +0.2706 PSIA
MASS = +952781.25 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : STABLE
DATE : 332
TIME : 05:09

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.6165	2	+63.6129

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+76.720	2	+76.580	3	+75.780
4	+75.610	5	+78.000	6	+76.780
7	+76.210	8	+77.490	9	+76.640
10	+75.890	11	+76.430	12	+78.850
13	+76.350	14	+77.800	15	+79.070
16	+79.750	17	+75.970	18	+76.430
19	+76.000	20	+75.880	21	+76.150
22	+76.070	23	+76.600	24	+77.790
25	+77.050	26	+78.910	27	+75.890
28	+76.110	29	+75.880	30	+75.730
31	+75.550	32	+75.440	33	+75.260
34	+75.490	35	+75.730	36	+75.370
37	+75.310	38	+75.690	39	+75.670
40	+75.570				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+59.760	2	+59.920	3	+57.840
4	+60.210	5	+57.450	6	+54.720
7	+62.660	8	+62.920	9	+60.290
10	+61.000	11	+62.850	12	+60.600
13	+58.500	14	+63.450		

AVERAGE TEMPERATURE = +75.989 DEG. F
AVERAGE PRESSURE = +63.615 PSIA
AVG VAPOR PRESSURE = +0.2705 PSIA
MASS = +952776.00 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : STABLE
DATE : 332
TIME : 05:24

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.6116	2	+63.6080

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+76.670	2	+76.530	3	+75.770
4	+75.590	5	+77.970	6	+76.740
7	+76.160	8	+77.500	9	+76.640
10	+75.850	11	+76.410	12	+78.830
13	+76.330	14	+77.730	15	+79.040
16	+79.740	17	+75.940	18	+76.400
19	+75.970	20	+75.880	21	+76.130
22	+76.040	23	+76.560	24	+77.780
25	+77.000	26	+78.870	27	+75.830
28	+76.100	29	+75.850	30	+75.710
31	+75.480	32	+75.440	33	+75.240
34	+75.460	35	+75.690	36	+75.350
37	+75.280	38	+75.690	39	+75.650
40	+75.580				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+59.910	2	+60.050	3	+57.950
4	+60.230	5	+57.690	6	+54.720
7	+62.740	8	+62.860	9	+60.220
10	+61.200	11	+62.830	12	+60.570
13	+58.670	14	+63.530		

AVERAGE TEMPERATURE = +75.965 DEG. F
AVERAGE PRESSURE = +63.610 PSIA
AVG VAPOR PRESSURE = +0.2706 PSIA
MASS = +952745.13 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : STABLE
DATE : 332
TIME : 05:39

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.6060	2	+63.6029

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+76.650	2	+76.510	3	+75.740
4	+75.550	5	+77.950	6	+76.700
7	+76.140	8	+77.510	9	+76.590
10	+75.820	11	+76.360	12	+78.760
13	+76.300	14	+77.780	15	+79.000
16	+79.700	17	+75.930	18	+76.390
19	+75.950	20	+75.830	21	+76.090
22	+76.000	23	+76.550	24	+77.720
25	+76.970	26	+78.830	27	+75.810
28	+75.960	29	+75.810	30	+75.660
31	+75.460	32	+75.350	33	+75.180
34	+75.410	35	+75.650	36	+75.300
37	+75.260	38	+75.650	39	+75.600
40	+75.520				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+59.650	2	+60.040	3	+57.970
4	+60.320	5	+57.780	6	+54.540
7	+62.770	8	+62.810	9	+60.550
10	+60.950	11	+62.550	12	+60.610
13	+58.770	14	+63.640		

AVERAGE TEMPERATURE = +75.920 DEG. F
AVERAGE PRESSURE = +63.604 PSIA
AVG VAPOR PRESSURE = +0.2701 PSIA
MASS = +952751.19 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : STABLE
DATE : 332
TIME : 05:54

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.6009	2	+63.5980

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+76.640	2	+76.490	3	+75.740
4	+75.510	5	+77.940	6	+76.680
7	+76.090	8	+77.470	9	+76.550
10	+75.810	11	+76.330	12	+78.720
13	+76.260	14	+77.740	15	+78.970
16	+79.670	17	+75.870	18	+76.360
19	+75.900	20	+75.790	21	+76.050
22	+75.960	23	+76.510	24	+77.670
25	+76.910	26	+78.810	27	+75.750
28	+75.980	29	+75.780	30	+75.640
31	+75.420	32	+75.380	33	+75.160
34	+75.370	35	+75.640	36	+75.290
37	+75.210	38	+75.630	39	+75.570
40	+75.510				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+59.620	2	+60.190	3	+58.100
4	+60.430	5	+57.610	6	+54.740
7	+62.770	8	+62.730	9	+60.700
10	+61.030	11	+62.620	12	+60.840
13	+58.690	14	+63.660		

AVERAGE TEMPERATURE = +75.894 DEG. F
AVERAGE PRESSURE = +63.599 PSIA
AVG VAPOR PRESSURE = +0.2701 PSIA
MASS = +952720.31 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : STABLE
DATE : 332
TIME : 06:09

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.5961	2	+63.5931

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+76.590	2	+76.450	3	+75.700
4	+75.490	5	+77.920	6	+76.620
7	+76.110	8	+77.430	9	+76.540
10	+75.890	11	+76.330	12	+78.740
13	+76.230	14	+77.750	15	+78.930
16	+79.640	17	+75.890	18	+76.340
19	+75.890	20	+75.790	21	+76.010
22	+75.970	23	+76.490	24	+77.610
25	+76.910	26	+78.790	27	+75.730
28	+75.880	29	+75.730	30	+75.560
31	+75.400	32	+75.330	33	+75.110
34	+75.340	35	+75.620	36	+75.240
37	+75.180	38	+75.610	39	+75.530
40	+75.440				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+59.550	2	+60.130	3	+58.430
4	+60.520	5	+57.650	6	+54.760
7	+62.800	8	+62.940	9	+61.020
10	+61.370	11	+62.830	12	+60.810
13	+58.710	14	+63.580		

AVERAGE TEMPERATURE = +75.859 DEG. F
AVERAGE PRESSURE = +63.595 PSIA
AVG VAPOR PRESSURE = +0.2703 PSIA
MASS = +952707.38 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : STABLE
DATE : 332
TIME : 06:24

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.5915	2	+63.5885

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+76.600	2	+76.440	3	+75.660
4	+75.470	5	+77.900	6	+76.620
7	+76.050	8	+77.460	9	+76.510
10	+75.800	11	+76.270	12	+78.680
13	+76.210	14	+77.670	15	+78.920
16	+79.630	17	+75.820	18	+76.290
19	+75.820	20	+75.740	21	+75.990
22	+75.920	23	+76.480	24	+77.710
25	+76.820	26	+78.740	27	+75.660
28	+75.940	29	+75.760	30	+75.560
31	+75.370	32	+75.280	33	+75.110
34	+75.320	35	+75.550	36	+75.210
37	+75.170	38	+75.560	39	+75.510
40	+75.430				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+59.690	2	+60.180	3	+58.540
4	+60.480	5	+57.630	6	+54.920
7	+62.860	8	+62.930	9	+60.480
10	+61.030	11	+62.700	12	+60.800
13	+58.680	14	+63.790		

AVERAGE TEMPERATURE = +75.835 DEG. F
AVERAGE PRESSURE = +63.590 PSIA
AVG VAPOR PRESSURE = +0.2699 PSIA
MASS = +952688.63 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : STABLE
DATE : 332
TIME : 06:54

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.5832	2	+63.5793

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+76.520	2	+76.390	3	+75.630
4	+75.420	5	+77.870	6	+76.560
7	+76.040	8	+77.440	9	+76.430
10	+75.900	11	+76.220	12	+78.620
13	+76.140	14	+77.620	15	+78.860
16	+79.570	17	+75.730	18	+76.240
19	+75.780	20	+75.670	21	+75.900
22	+75.870	23	+76.400	24	+77.590
25	+76.710	26	+78.700	27	+75.630
28	+75.840	29	+75.740	30	+75.500
31	+75.320	32	+75.270	33	+75.040
34	+75.260	35	+75.520	36	+75.150
37	+75.100	38	+75.580	39	+75.450
40	+75.360				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+59.720	2	+60.260	3	+58.630
4	+60.510	5	+57.410	6	+54.760
7	+62.910	8	+62.950	9	+60.800
10	+61.000	11	+63.030	12	+60.820
13	+59.000	14	+63.870		

AVERAGE TEMPERATURE = +75.785 DEG. F
AVERAGE PRESSURE = +63.581 PSIA
AVG VAPOR PRESSURE = +0.2700 PSIA
MASS = +952642.94 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : STABLE
DATE : 332
TIME : 06:39

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.5869	2	+63.5843

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+76.570	2	+76.410	3	+75.660
4	+75.450	5	+77.880	6	+76.590
7	+76.050	8	+77.360	9	+76.410
10	+75.840	11	+76.230	12	+78.660
13	+76.180	14	+77.620	15	+78.890
16	+79.610	17	+75.780	18	+76.250
19	+75.800	20	+75.690	21	+75.940
22	+75.910	23	+76.400	24	+77.640
25	+76.880	26	+78.750	27	+75.650
28	+75.910	29	+75.710	30	+75.550
31	+75.330	32	+75.230	33	+75.080
34	+75.300	35	+75.540	36	+75.170
37	+75.140	38	+75.520	39	+75.470
40	+75.370				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+59.730	2	+60.240	3	+58.540
4	+60.400	5	+57.910	6	+54.880
7	+62.900	8	+62.670	9	+60.440
10	+61.040	11	+62.760	12	+60.750
13	+58.830	14	+63.710		

AVERAGE TEMPERATURE = +75.803 DEG. F
AVERAGE PRESSURE = +63.586 PSIA
AVG VAPOR PRESSURE = +0.2695 PSIA
MASS = +952684.00 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : STABLE
DATE : 332
TIME : 07:09

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.5788	2	+63.5756

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+76.490	2	+76.360	3	+75.630
4	+75.400	5	+77.850	6	+76.520
7	+75.960	8	+77.270	9	+76.390
10	+75.820	11	+76.210	12	+78.600
13	+76.120	14	+77.570	15	+78.840
16	+79.560	17	+75.740	18	+76.230
19	+75.720	20	+75.650	21	+75.890
22	+75.830	23	+76.390	24	+77.510
25	+76.850	26	+78.660	27	+75.600
28	+75.770	29	+75.710	30	+75.470
31	+75.300	32	+75.210	33	+75.010
34	+75.220	35	+75.490	36	+75.140
37	+75.070	38	+75.490	39	+75.420
40	+75.340				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+59.740	2	+60.360	3	+58.610
4	+60.570	5	+57.460	6	+55.050
7	+62.940	8	+63.150	9	+60.920
10	+61.230	11	+63.370	12	+60.830
13	+59.080	14	+63.950		

AVERAGE TEMPERATURE = +75.750 DEG. F
AVERAGE PRESSURE = +63.577 PSIA
AVG VAPOR PRESSURE = +0.2702 PSIA
MASS = +952641.44 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : STABLE
DATE : 332
TIME : 07:24

Pressure Instruments in PSIA

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channel	pressure	channel	pressure
1	+63.5743	2	+63.5710

RTDs in degrees F

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channel	temp.	channel	temp.	channel	temp.
1	+76.460	2	+76.340	3	+75.580
4	+75.380	5	+77.840	6	+76.510
7	+75.950	8	+77.270	9	+76.350
10	+75.760	11	+76.150	12	+78.550
13	+76.080	14	+77.530	15	+78.800
16	+79.540	17	+75.740	18	+76.180
19	+75.700	20	+75.610	21	+75.870
22	+75.780	23	+76.370	24	+77.480
25	+76.770	26	+78.640	27	+75.580
28	+75.760	29	+75.630	30	+75.450
31	+75.260	32	+75.150	33	+75.000
34	+75.220	35	+75.430	36	+75.090
37	+75.050	38	+75.410	39	+75.400
40	+75.290				

Relative humidity in percent

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channel	%RH	channel	%RH	channel	%RH
1	+59.910	2	+60.400	3	+58.540
4	+60.580	5	+58.280	6	+54.910
7	+62.940	8	+63.140	9	+60.890
10	+61.330	11	+63.360	12	+60.910
13	+58.960	14	+63.880		

AVERAGE TEMPERATURE = +75.714 DEG. F
AVERAGE PRESSURE = +63.573 PSIA
AVG VAPOR PRESSURE = +0.2698 PSIA
MASS = +952641.63 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : STABLE
DATE : 332
TIME : 07:39

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.5695	2	+63.5661

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+76.450	2	+76.290	3	+75.590
4	+75.350	5	+77.820	6	+76.480
7	+75.960	8	+77.330	9	+76.410
10	+75.850	11	+76.140	12	+78.570
13	+76.060	14	+77.540	15	+78.790
16	+79.510	17	+75.690	18	+76.170
19	+75.650	20	+75.570	21	+75.830
22	+75.740	23	+76.350	24	+77.490
25	+76.690	26	+78.620	27	+75.540
28	+75.700	29	+75.580	30	+75.420
31	+75.230	32	+75.100	33	+74.950
34	+75.170	35	+75.410	36	+75.060
37	+75.020	38	+75.420	39	+75.350
40	+75.280				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+59.760	2	+60.440	3	+58.650
4	+60.620	5	+57.650	6	+55.010
7	+63.060	8	+63.060	9	+60.840
10	+61.500	11	+63.010	12	+60.960
13	+58.960	14	+64.000		

AVERAGE TEMPERATURE = +75.686 DEG. F
AVERAGE PRESSURE = +63.568 PSIA
AVG VAPOR PRESSURE = +0.2696 PSIA
MASS = +952623.81 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : STABLE
DATE : 332
TIME : 07:54

Pressure Instruments in PSIA

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channel	pressure	channel	pressure
1	+63.5660	2	+63.5620

RTDs in degrees F

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channel	temp.	channel	temp.	channel	temp.
1	+76.420	2	+76.280	3	+75.580
4	+75.320	5	+77.810	6	+76.450
7	+75.920	8	+77.240	9	+76.330
10	+75.810	11	+76.090	12	+78.530
13	+76.020	14	+77.460	15	+78.760
16	+79.520	17	+75.670	18	+76.130
19	+75.620	20	+75.570	21	+75.810
22	+75.720	23	+76.280	24	+77.420
25	+76.680	26	+78.600	27	+75.490
28	+75.650	29	+75.580	30	+75.410
31	+75.220	32	+75.110	33	+74.930
34	+75.140	35	+75.400	36	+75.040
37	+74.990	38	+75.340	39	+75.360
40	+75.240				

Relative humidity in percent

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channel	%RH	channel	%RH	channel	%RH
1	+59.780	2	+60.460	3	+58.820
4	+60.700	5	+58.120	6	+55.140
7	+63.070	8	+63.060	9	+61.120
10	+61.230	11	+63.120	12	+61.070
13	+58.910	14	+63.980		

AVERAGE TEMPERATURE = +75.660 DEG. F
AVERAGE PRESSURE = +63.564 PSIA
AVG VAPOR PRESSURE = +0.2695 PSIA
MASS = +952614.69 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : STABLE
DATE : 332
TIME : 08:09

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.5620	2	+63.5591

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+76.390	2	+76.210	3	+75.590
4	+75.300	5	+77.770	6	+76.430
7	+75.880	8	+77.170	9	+76.310
10	+75.820	11	+76.070	12	+78.480
13	+76.000	14	+77.460	15	+78.730
16	+79.490	17	+75.650	18	+76.110
19	+75.630	20	+75.550	21	+75.780
22	+75.690	23	+76.260	24	+77.400
25	+76.700	26	+78.550	27	+75.490
28	+75.580	29	+75.570	30	+75.370
31	+75.180	32	+75.150	33	+74.890
34	+75.120	35	+75.390	36	+75.020
37	+74.970	38	+75.400	39	+75.320
40	+75.200				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+59.760	2	+60.510	3	+58.770
4	+60.830	5	+58.040	6	+55.340
7	+63.110	8	+63.340	9	+61.300
10	+61.220	11	+63.100	12	+61.130
13	+58.980	14	+63.950		

AVERAGE TEMPERATURE = +75.640 DEG. F
AVERAGE PRESSURE = +63.561 PSIA
AVG VAPOR PRESSURE = +0.2695 PSIA
MASS = +952596.69 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : STABLE
DATE : 332
TIME : 08:24

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.5585	2	+63.5553

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+76.370	2	+76.180	3	+75.560
4	+75.260	5	+77.750	6	+76.390
7	+75.870	8	+77.150	9	+76.270
10	+75.800	11	+76.040	12	+78.460
13	+75.990	14	+77.410	15	+78.710
16	+79.470	17	+75.590	18	+76.080
19	+75.620	20	+75.520	21	+75.760
22	+75.710	23	+76.230	24	+77.360
25	+76.650	26	+78.520	27	+75.430
28	+75.560	29	+75.530	30	+75.370
31	+75.180	32	+75.060	33	+74.900
34	+75.110	35	+75.370	36	+74.990
37	+74.950	38	+75.330	39	+75.300
40	+75.180				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+59.740	2	+60.600	3	+58.790
4	+60.790	5	+57.790	6	+55.360
7	+63.100	8	+62.960	9	+61.320
10	+61.430	11	+63.240	12	+60.990
13	+59.060	14	+64.230		

AVERAGE TEMPERATURE = +75.613 DEG. F
AVERAGE PRESSURE = +63.557 PSIA
AVG VAPOR PRESSURE = +0.2694 PSIA
MASS = +952590.81 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : STABLE
DATE : 332
TIME : 08:39

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.5542	2	+63.5504

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+76.340	2	+76.170	3	+75.560
4	+75.250	5	+77.740	6	+76.360
7	+75.820	8	+77.030	9	+76.190
10	+75.800	11	+76.060	12	+78.440
13	+75.940	14	+77.500	15	+78.680
16	+79.450	17	+75.550	18	+76.070
19	+75.550	20	+75.480	21	+75.710
22	+75.670	23	+76.260	24	+77.330
25	+76.640	26	+78.530	27	+75.450
28	+75.500	29	+75.520	30	+75.310
31	+75.120	32	+75.080	33	+74.840
34	+75.050	35	+75.330	36	+74.960
37	+74.900	38	+75.420	39	+75.250
40	+75.170				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+59.680	2	+60.650	3	+58.640
4	+60.890	5	+57.760	6	+55.510
7	+63.140	8	+63.300	9	+61.480
10	+61.290	11	+62.930	12	+61.040
13	+59.350	14	+64.080		

AVERAGE TEMPERATURE = +75.588 DEG. F
AVERAGE PRESSURE = +63.552 PSIA
AVG VAPOR PRESSURE = +0.2694 PSIA
MASS = +952568.00 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : STABLE
DATE : 332
TIME : 09:35

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.5406	2	+63.5375

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+76.260	2	+76.140	3	+75.450
4	+75.190	5	+77.680	6	+76.290
7	+75.760	8	+77.030	9	+76.180
10	+75.700	11	+75.930	12	+78.370
13	+75.880	14	+77.280	15	+78.600
16	+79.390	17	+75.490	18	+75.950
19	+75.450	20	+75.400	21	+75.650
22	+75.590	23	+76.130	24	+77.290
25	+76.560	26	+78.450	27	+75.350
28	+75.560	29	+75.440	30	+75.250
31	+75.040	32	+74.950	33	+74.780
34	+74.990	35	+75.270	36	+74.870
37	+74.820	38	+75.210	39	+75.190
40	+75.080				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+60.140	2	+60.750	3	+58.970
4	+60.860	5	+58.590	6	+55.240
7	+63.270	8	+63.400	9	+61.080
10	+61.390	11	+63.480	12	+61.130
13	+59.190	14	+64.060		

AVERAGE TEMPERATURE = +75.510 DEG. F
AVERAGE PRESSURE = +63.539 PSIA
AVG VAPOR PRESSURE = +0.2690 PSIA
MASS = +952513.75 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : STABLE
DATE : 332
TIME : 09:49

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.5377	2	+63.5345

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+76.260	2	+76.080	3	+75.440
4	+75.170	5	+77.670	6	+76.240
7	+75.770	8	+77.120	9	+76.100
10	+75.670	11	+75.900	12	+78.350
13	+75.840	14	+77.280	15	+78.570
16	+79.370	17	+75.480	18	+75.940
19	+75.450	20	+75.380	21	+75.620
22	+75.560	23	+76.120	24	+77.320
25	+76.520	26	+78.400	27	+75.320
28	+75.490	29	+75.420	30	+75.260
31	+75.030	32	+74.940	33	+74.770
34	+74.980	35	+75.240	36	+74.870
37	+74.800	38	+75.190	39	+75.160
40	+75.040				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+60.000	2	+60.690	3	+58.900
4	+61.000	5	+58.140	6	+55.240
7	+63.250	8	+63.190	9	+61.230
10	+61.580	11	+63.580	12	+61.160
13	+59.260	14	+64.220		

AVERAGE TEMPERATURE = +75.489 DEG. F
AVERAGE PRESSURE = +63.536 PSIA
AVG VAPOR PRESSURE = +0.2689 PSIA
MASS = +952506.75 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : STABLE
DATE : 332
TIME : 10:06

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.5341	2	+63.5305

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+76.230	2	+76.060	3	+75.430
4	+75.150	5	+77.640	6	+76.230
7	+75.720	8	+76.960	9	+76.050
10	+75.640	11	+75.880	12	+78.320
13	+75.830	14	+77.230	15	+78.570
16	+79.360	17	+75.450	18	+75.920
19	+75.410	20	+75.350	21	+75.600
22	+75.520	23	+76.070	24	+77.270
25	+76.590	26	+78.380	27	+75.300
28	+75.430	29	+75.350	30	+75.230
31	+75.010	32	+74.960	33	+74.750
34	+74.970	35	+75.210	36	+74.830
37	+74.770	38	+75.200	39	+75.150
40	+75.010				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+60.050	2	+60.810	3	+59.160
4	+60.930	5	+58.870	6	+55.450
7	+63.340	8	+63.300	9	+61.480
10	+61.540	11	+63.640	12	+61.170
13	+59.160	14	+64.140		

AVERAGE TEMPERATURE = +75.463 DEG. F
AVERAGE PRESSURE = +63.532 PSIA
AVG VAPOR PRESSURE = +0.2689 PSIA
MASS = +952496.13 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : STABLE
DATE : 332
TIME : 10:22

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.5298	2	+63.5262

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+76.210	2	+76.030	3	+75.420
4	+75.120	5	+77.620	6	+76.220
7	+75.720	8	+77.020	9	+76.080
10	+75.620	11	+75.870	12	+78.320
13	+75.820	14	+77.240	15	+78.530
16	+79.340	17	+75.450	18	+75.920
19	+75.420	20	+75.340	21	+75.610
22	+75.530	23	+76.100	24	+77.230
25	+76.510	26	+78.340	27	+75.240
28	+75.380	29	+75.420	30	+75.180
31	+75.030	32	+74.910	33	+74.710
34	+74.940	35	+75.200	36	+74.830
37	+74.770	38	+75.180	39	+75.100
40	+75.010				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+59.890	2	+60.810	3	+58.800
4	+61.000	5	+57.910	6	+55.560
7	+63.270	8	+63.170	9	+61.610
10	+61.530	11	+63.320	12	+61.290
13	+59.380	14	+64.470		

AVERAGE TEMPERATURE = +75.448 DEG. F
AVERAGE PRESSURE = +63.528 PSIA
AVG VAPOR PRESSURE = +0.2689 PSIA
MASS = +952458.75 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : STABLE
DATE : 332
TIME : 10:37

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.5267	2	+63.5229

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+76.210	2	+76.020	3	+75.400
4	+75.110	5	+77.610	6	+76.190
7	+75.700	8	+77.020	9	+76.080
10	+75.630	11	+75.870	12	+78.290
13	+75.810	14	+77.170	15	+78.500
16	+79.320	17	+75.400	18	+75.900
19	+75.390	20	+75.340	21	+75.560
22	+75.500	23	+76.050	24	+77.250
25	+76.430	26	+78.340	27	+75.240
28	+75.440	29	+75.320	30	+75.100
31	+74.960	32	+74.930	33	+74.680
34	+74.890	35	+75.160	36	+74.800
37	+74.740	38	+75.220	39	+75.080
40	+74.950				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+59.960	2	+60.890	3	+59.040
4	+60.900	5	+58.660	6	+55.510
7	+63.350	8	+63.260	9	+61.380
10	+61.590	11	+63.910	12	+61.250
13	+59.440	14	+64.390		

AVERAGE TEMPERATURE = +75.422 DEG. F
AVERAGE PRESSURE = +63.525 PSIA
AVG VAPOR PRESSURE = +0.2691 PSIA
MASS = +952452.88 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : STABLE
DATE : 332
TIME : 10:52

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.5231	2	+63.5199

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+76.200	2	+76.010	3	+75.350
4	+75.110	5	+77.580	6	+76.200
7	+75.700	8	+77.040	9	+76.050
10	+75.590	11	+75.820	12	+78.220
13	+75.780	14	+77.150	15	+78.500
16	+79.300	17	+75.420	18	+75.850
19	+75.360	20	+75.290	21	+75.550
22	+75.450	23	+76.010	24	+77.240
25	+76.430	26	+78.330	27	+75.230
28	+75.410	29	+75.330	30	+75.130
31	+74.960	32	+74.860	33	+74.680
34	+74.890	35	+75.160	36	+74.770
37	+74.730	38	+75.080	39	+75.070
40	+74.930				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+60.280	2	+60.830	3	+59.180
4	+60.860	5	+59.360	6	+55.510
7	+63.350	8	+63.100	9	+61.240
10	+61.500	11	+63.650	12	+61.350
13	+59.510	14	+64.270		

AVERAGE TEMPERATURE = +75.401 DEG. F
AVERAGE PRESSURE = +63.521 PSIA
AVG VAPOR PRESSURE = +0.2686 PSIA
MASS = +952448.50 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : STABLE
DATE : 332
TIME : 11:07

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.5204	2	+63.5170

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+76.170	2	+75.990	3	+75.350
4	+75.090	5	+77.580	6	+76.170
7	+75.670	8	+76.890	9	+76.070
10	+75.580	11	+75.810	12	+78.240
13	+75.750	14	+77.120	15	+78.470
16	+79.300	17	+75.390	18	+75.850
19	+75.310	20	+75.290	21	+75.530
22	+75.460	23	+76.020	24	+77.190
25	+76.440	26	+78.290	27	+75.200
28	+75.410	29	+75.320	30	+75.110
31	+74.900	32	+74.790	33	+74.670
34	+74.870	35	+75.120	36	+74.750
37	+74.700	38	+75.100	39	+75.040
40	+74.900				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+60.150	2	+60.930	3	+59.040
4	+60.940	5	+59.000	6	+55.530
7	+63.410	8	+63.330	9	+61.320
10	+61.500	11	+63.820	12	+61.380
13	+59.470	14	+64.340		

AVERAGE TEMPERATURE = +75.379 DEG. F
AVERAGE PRESSURE = +63.519 PSIA
AVG VAPOR PRESSURE = +0.2687 PSIA
MASS = +952444.19 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : STABLE
DATE : 332
TIME : 11:22

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.5168	2	+63.5135

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+76.120	2	+75.940	3	+75.340
4	+75.070	5	+77.570	6	+76.140
7	+75.670	8	+76.860	9	+75.990
10	+75.580	11	+75.780	12	+78.200
13	+75.740	14	+77.160	15	+78.450
16	+79.280	17	+75.320	18	+75.830
19	+75.330	20	+75.280	21	+75.480
22	+75.460	23	+76.010	24	+77.100
25	+76.460	26	+78.260	27	+75.200
28	+75.280	29	+75.290	30	+75.110
31	+74.930	32	+74.820	33	+74.630
34	+74.850	35	+75.110	36	+74.740
37	+74.680	38	+75.080	39	+75.030
40	+74.900				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+59.850	2	+60.960	3	+58.750
4	+61.150	5	+59.390	6	+55.740
7	+63.400	8	+63.470	9	+61.660
10	+61.470	11	+63.950	12	+61.290
13	+59.580	14	+64.500		

AVERAGE TEMPERATURE = +75.360 DEG. F
AVERAGE PRESSURE = +63.515 PSIA
AVG VAPOR PRESSURE = +0.2689 PSIA
MASS = +952421.44 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : STABLE
DATE : 332
TIME : 11:37

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.5136	2	+63.5107

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+76.070	2	+75.900	3	+75.350
4	+75.040	5	+77.560	6	+76.110
7	+75.640	8	+76.800	9	+75.900
10	+75.560	11	+75.770	12	+78.210
13	+75.720	14	+77.160	15	+78.440
16	+79.280	17	+75.290	18	+75.830
19	+75.300	20	+75.270	21	+75.460
22	+75.460	23	+76.000	24	+77.090
25	+76.480	26	+78.250	27	+75.180
28	+75.260	29	+75.310	30	+75.090
31	+74.880	32	+74.770	33	+74.600
34	+74.840	35	+75.060	36	+74.700
37	+74.670	38	+75.140	39	+75.010
40	+74.890				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+59.850	2	+61.030	3	+58.710
4	+61.070	5	+58.020	6	+55.800
7	+63.340	8	+63.550	9	+61.830
10	+61.590	11	+63.390	12	+61.310
13	+59.670	14	+64.530		

AVERAGE TEMPERATURE = +75.343 DEG. F
AVERAGE PRESSURE = +63.512 PSIA
AVG VAPOR PRESSURE = +0.2686 PSIA
MASS = +952411.00 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : STABLE
DATE : 332
TIME : 11:55

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.5099	2	+63.5069

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+76.090	2	+75.880	3	+75.310
4	+75.030	5	+77.540	6	+76.080
7	+75.620	8	+76.730	9	+75.920
10	+75.530	11	+75.780	12	+78.180
13	+75.690	14	+77.110	15	+78.400
16	+79.270	17	+75.300	18	+75.790
19	+75.280	20	+75.230	21	+75.440
22	+75.390	23	+75.980	24	+77.050
25	+76.440	26	+78.220	27	+75.160
28	+75.270	29	+75.280	30	+75.050
31	+74.870	32	+74.740	33	+74.600
34	+74.820	35	+75.050	36	+74.720
37	+74.650	38	+75.030	39	+75.000
40	+74.870				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+59.960	2	+61.060	3	+58.940
4	+60.990	5	+58.410	6	+55.770
7	+63.480	8	+63.360	9	+61.650
10	+61.540	11	+63.780	12	+61.410
13	+59.430	14	+64.430		

AVERAGE TEMPERATURE = +75.319 DEG. F
AVERAGE PRESSURE = +63.508 PSIA
AVG VAPOR PRESSURE = +0.2683 PSIA
MASS = +952401.06 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : STABLE
DATE : 332
TIME : 12:11

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.5073	2	+63.5040

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+76.070	2	+75.900	3	+75.300
4	+75.010	5	+77.530	6	+76.050
7	+75.600	8	+76.760	9	+75.890
10	+75.510	11	+75.760	12	+78.210
13	+75.670	14	+77.100	15	+78.390
16	+79.250	17	+75.320	18	+75.780
19	+75.280	20	+75.210	21	+75.450
22	+75.370	23	+75.960	24	+77.090
25	+76.430	26	+78.200	27	+75.120
28	+75.230	29	+75.250	30	+75.020
31	+74.840	32	+74.760	33	+74.570
34	+74.790	35	+75.040	36	+74.670
37	+74.630	38	+75.040	39	+74.980
40	+74.840				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+59.980	2	+61.070	3	+58.730
4	+61.190	5	+58.240	6	+55.780
7	+63.490	8	+63.240	9	+61.670
10	+61.630	11	+64.020	12	+61.450
13	+59.540	14	+64.430		

AVERAGE TEMPERATURE = +75.301 DEG. F
AVERAGE PRESSURE = +63.506 PSIA
AVG VAPOR PRESSURE = +0.2683 PSIA
MASS = +952392.31 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : STABLE
DATE : 332
TIME : 12:26

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.5047	2	+63.5019

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+76.070	2	+75.870	3	+75.270
4	+75.000	5	+77.500	6	+76.030
7	+75.570	8	+76.690	9	+75.870
10	+75.510	11	+75.720	12	+78.190
13	+75.660	14	+77.050	15	+78.370
16	+79.240	17	+75.280	18	+75.780
19	+75.250	20	+75.180	21	+75.430
22	+75.340	23	+75.920	24	+77.060
25	+76.430	26	+78.190	27	+75.110
28	+75.250	29	+75.200	30	+75.040
31	+74.840	32	+74.770	33	+74.570
34	+74.780	35	+75.030	36	+74.660
37	+74.620	38	+75.030	39	+74.960
40	+74.840				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+59.950	2	+61.110	3	+58.880
4	+61.170	5	+58.390	6	+55.860
7	+63.510	8	+63.690	9	+61.720
10	+61.620	11	+63.620	12	+61.440
13	+59.600	14	+64.450		

AVERAGE TEMPERATURE = +75.290 DEG. F
AVERAGE PRESSURE = +63.503 PSIA
AVG VAPOR PRESSURE = +0.2683 PSIA
MASS = +952377.25 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : STABLE
DATE : 332
TIME : 12:28

Pressure Instruments in PSIA

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channel	pressure	channel	pressure
1	+63.5044	2	+63.5016

RTDs in degrees F

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channel	temp.	channel	temp.	channel	temp.
1	+76.060	2	+75.850	3	+75.280
4	+74.990	5	+77.500	6	+76.040
7	+75.580	8	+76.740	9	+75.870
10	+75.500	11	+75.710	12	+78.170
13	+75.660	14	+77.040	15	+78.370
16	+79.240	17	+75.260	18	+75.780
19	+75.240	20	+75.180	21	+75.420
22	+75.340	23	+75.910	24	+77.080
25	+76.390	26	+78.190	27	+75.100
28	+75.260	29	+75.190	30	+75.040
31	+74.840	32	+74.790	33	+74.560
34	+74.770	35	+75.020	36	+74.660
37	+74.610	38	+75.020	39	+74.960
40	+74.830				

Relative humidity in percent

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channel	%RH	channel	%RH	channel	%RH
1	+60.000	2	+61.050	3	+58.790
4	+61.190	5	+58.830	6	+55.850
7	+63.540	8	+63.380	9	+61.640
10	+61.660	11	+63.770	12	+61.360
13	+59.640	14	+64.450		

AVERAGE TEMPERATURE = +75.286 DEG. F
AVERAGE PRESSURE = +63.503 PSIA
AVG VAPOR PRESSURE = +0.2682 PSIA
MASS = +952379.50 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : STABLE
DATE : 332
TIME : 12:44

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.5009	2	+63.4982

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+76.030	2	+75.830	3	+75.250
4	+74.990	5	+77.490	6	+76.050
7	+75.580	8	+76.840	9	+75.900
10	+75.470	11	+75.700	12	+78.170
13	+75.650	14	+77.020	15	+78.330
16	+79.230	17	+75.220	18	+75.740
19	+75.220	20	+75.170	21	+75.380
22	+75.370	23	+75.910	24	+77.060
25	+76.260	26	+78.170	27	+75.110
28	+75.230	29	+75.210	30	+75.020
31	+74.790	32	+74.660	33	+74.560
34	+74.770	35	+74.940	36	+74.630
37	+74.600	38	+75.000	39	+74.950
40	+74.830				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+60.050	2	+61.080	3	+58.870
4	+61.160	5	+57.960	6	+55.750
7	+63.490	8	+63.270	9	+61.750
10	+61.540	11	+63.320	12	+61.450
13	+59.810	14	+64.500		

AVERAGE TEMPERATURE = +75.266 DEG. F
AVERAGE PRESSURE = +63.500 PSIA
AVG VAPOR PRESSURE = +0.2679 PSIA
MASS = +952368.75 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : STABLE
DATE : 332
TIME : 12:59

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.4978	2	+63.4949

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+76.020	2	+75.840	3	+75.230
4	+74.960	5	+77.470	6	+76.020
7	+75.600	8	+76.810	9	+75.880
10	+75.470	11	+75.710	12	+78.190
13	+75.610	14	+77.110	15	+78.310
16	+79.210	17	+75.210	18	+75.730
19	+75.230	20	+75.140	21	+75.350
22	+75.310	23	+75.910	24	+77.060
25	+76.260	26	+78.170	27	+75.080
28	+75.230	29	+75.180	30	+74.990
31	+74.770	32	+74.730	33	+74.500
34	+74.720	35	+74.980	36	+74.620
37	+74.570	38	+75.060	39	+74.910
40	+74.780				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+59.930	2	+61.180	3	+58.610
4	+61.230	5	+57.970	6	+55.870
7	+63.510	8	+63.490	9	+61.810
10	+61.660	11	+64.010	12	+61.370
13	+59.970	14	+64.420		

AVERAGE TEMPERATURE = +75.253 DEG. F
AVERAGE PRESSURE = +63.496 PSIA
AVG VAPOR PRESSURE = +0.2682 PSIA
MASS = +952338.13 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : STABLE
DATE : 332
TIME : 13:14

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.4955	2	+63.4921

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+76.010	2	+75.820	3	+75.220
4	+74.960	5	+77.470	6	+76.000
7	+75.520	8	+76.780	9	+75.820
10	+75.440	11	+75.670	12	+78.150
13	+75.610	14	+76.990	15	+78.310
16	+79.200	17	+75.210	18	+75.700
19	+75.170	20	+75.140	21	+75.360
22	+75.300	23	+75.880	24	+77.010
25	+76.340	26	+78.160	27	+75.030
28	+75.190	29	+75.190	30	+74.950
31	+74.790	32	+74.660	33	+74.490
34	+74.710	35	+74.970	36	+74.610
37	+74.550	38	+75.010	39	+74.910
40	+74.760				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+60.010	2	+61.160	3	+58.840
4	+61.200	5	+58.430	6	+55.760
7	+63.530	8	+63.490	9	+61.840
10	+61.690	11	+63.890	12	+61.380
13	+59.800	14	+64.440		

AVERAGE TEMPERATURE = +75.232 DEG. F
AVERAGE PRESSURE = +63.494 PSIA
AVG VAPOR PRESSURE = +0.2681 PSIA
MASS = +952340.50 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : STABLE
DATE : 332
TIME : 13:29

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.4926	2	+63.4895

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+76.000	2	+75.820	3	+75.210
4	+74.940	5	+77.450	6	+75.990
7	+75.540	8	+76.740	9	+75.790
10	+75.430	11	+75.650	12	+78.100
13	+75.580	14	+76.950	15	+78.290
16	+79.200	17	+75.190	18	+75.690
19	+75.190	20	+75.110	21	+75.330
22	+75.270	23	+75.830	24	+77.060
25	+76.270	26	+78.130	27	+75.070
28	+75.220	29	+75.150	30	+74.980
31	+74.750	32	+74.730	33	+74.480
34	+74.680	35	+74.930	36	+74.590
37	+74.530	38	+74.970	39	+74.890
40	+74.750				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+60.080	2	+61.160	3	+58.920
4	+61.140	5	+58.860	6	+55.840
7	+63.580	8	+63.540	9	+61.590
10	+61.890	11	+63.800	12	+61.410
13	+59.680	14	+64.430		

AVERAGE TEMPERATURE = +75.221 DEG. F
AVERAGE PRESSURE = +63.491 PSIA
AVG VAPOR PRESSURE = +0.2679 PSIA
MASS = +952320.50 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : STABLE
DATE : 332
TIME : 13:44

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.4907	2	+63.4871

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+75.980	2	+75.780	3	+75.180
4	+74.920	5	+77.430	6	+76.000
7	+75.510	8	+76.710	9	+75.760
10	+75.380	11	+75.620	12	+78.090
13	+75.570	14	+76.920	15	+78.280
16	+79.190	17	+75.170	18	+75.660
19	+75.150	20	+75.100	21	+75.330
22	+75.280	23	+75.800	24	+77.040
25	+76.230	26	+78.080	27	+75.020
28	+75.170	29	+75.130	30	+74.940
31	+74.770	32	+74.680	33	+74.470
34	+74.670	35	+74.930	36	+74.570
37	+74.530	38	+74.950	39	+74.870
40	+74.700				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+60.200	2	+61.210	3	+58.970
4	+61.180	5	+58.820	6	+55.780
7	+63.600	8	+63.330	9	+61.640
10	+61.800	11	+64.150	12	+61.460
13	+59.600	14	+64.510		

AVERAGE TEMPERATURE = +75.199 DEG. F
AVERAGE PRESSURE = +63.489 PSIA
AVG VAPOR PRESSURE = +0.2678 PSIA
MASS = +952329.06 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : STABLE
DATE : 332
TIME : 13:59

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.4873	2	+63.4839

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+75.940	2	+75.740	3	+75.180
4	+74.910	5	+77.410	6	+75.960
7	+75.470	8	+76.600	9	+75.770
10	+75.390	11	+75.620	12	+78.040
13	+75.560	14	+76.890	15	+78.280
16	+79.170	17	+75.150	18	+75.670
19	+75.170	20	+75.080	21	+75.320
22	+75.270	23	+75.800	24	+76.950
25	+76.290	26	+78.070	27	+75.000
28	+75.120	29	+75.110	30	+74.930
31	+74.730	32	+74.650	33	+74.450
34	+74.660	35	+74.900	36	+74.550
37	+74.520	38	+75.020	39	+74.850
40	+74.720				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+60.020	2	+61.190	3	+58.930
4	+61.160	5	+58.890	6	+55.790
7	+63.570	8	+63.610	9	+61.770
10	+61.830	11	+63.750	12	+61.450
13	+59.770	14	+64.650		

AVERAGE TEMPERATURE = +75.185 DEG. F
AVERAGE PRESSURE = +63.486 PSIA
AVG VAPOR PRESSURE = +0.2679 PSIA
MASS = +952303.00 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : STABLE
DATE : 332
TIME : 14:14

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.4842	2	+63.4807

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+75.910	2	+75.720	3	+75.180
4	+74.880	5	+77.400	6	+75.940
7	+75.510	8	+76.620	9	+75.790
10	+75.390	11	+75.610	12	+78.040
13	+75.550	14	+76.900	15	+78.240
16	+79.160	17	+75.150	18	+75.630
19	+75.110	20	+75.080	21	+75.300
22	+75.240	23	+75.820	24	+76.940
25	+76.260	26	+78.070	27	+74.990
28	+75.060	29	+75.090	30	+74.910
31	+74.730	32	+74.650	33	+74.440
34	+74.640	35	+74.900	36	+74.540
37	+74.490	38	+74.990	39	+74.820
40	+74.700				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+60.000	2	+61.340	3	+58.710
4	+61.250	5	+58.270	6	+55.870
7	+63.590	8	+63.690	9	+61.960
10	+61.640	11	+63.810	12	+61.530
13	+59.830	14	+64.680		

AVERAGE TEMPERATURE = +75.168 DEG. F
AVERAGE PRESSURE = +63.482 PSIA
AVG VAPOR PRESSURE = +0.2677 PSIA
MASS = +952287.94 LBM

APPENDIX C

ILRT TEST DATA AND PLOTS

TEST MODE
OPTIONS

1 - MANUAL DATA ENTRY
2 - PARAMETER GRAPHS
3 - SENSOR PLOTS
4 - REPRINT CURRENT DATA PT
5 - SENSOR DIFFERENTIALS
6 - TREND ANALYSIS
P - PASS WORD MENU
S - GRAFTEL SCAN CONTROL

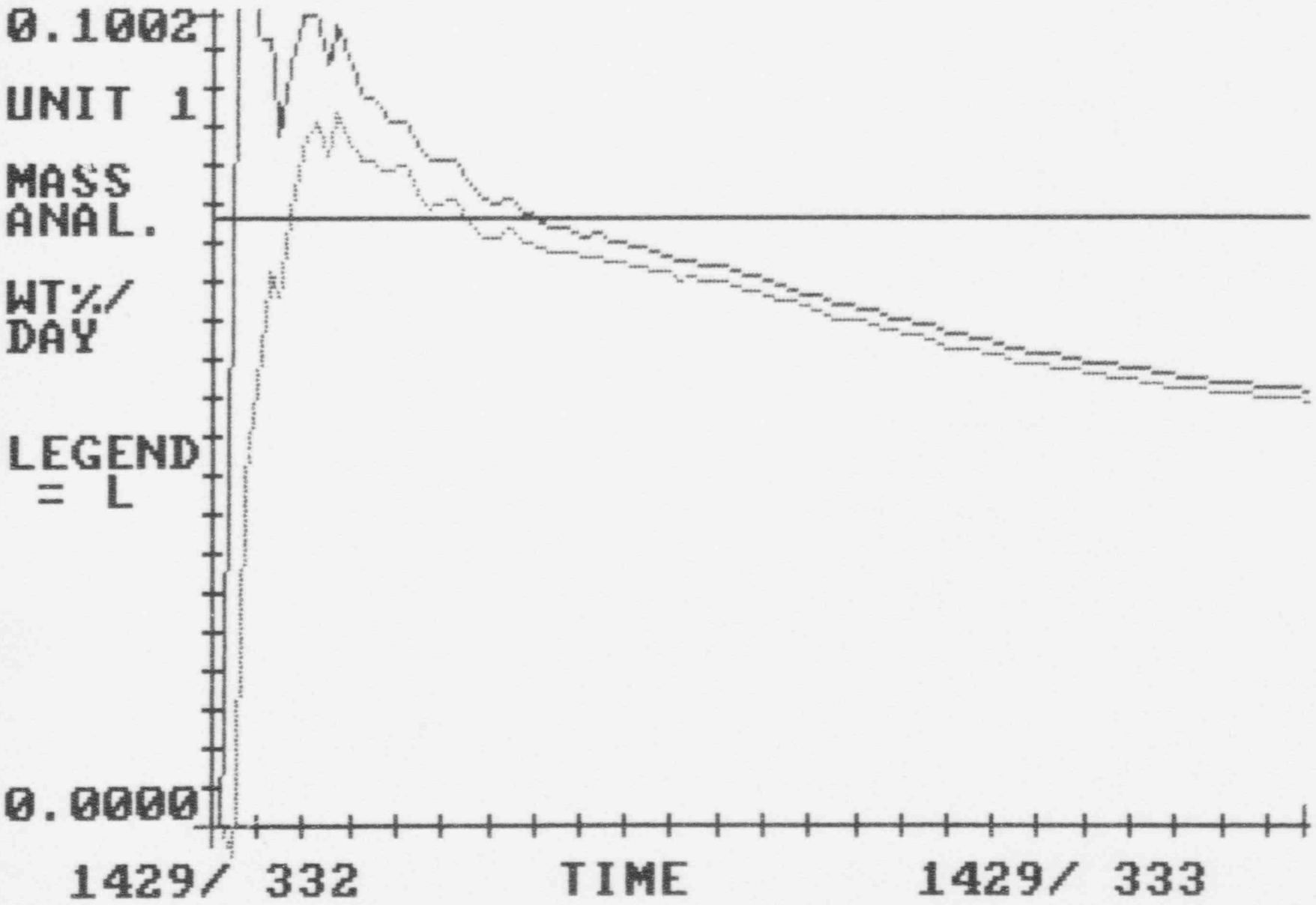
SUMMARY
TIME = 1429

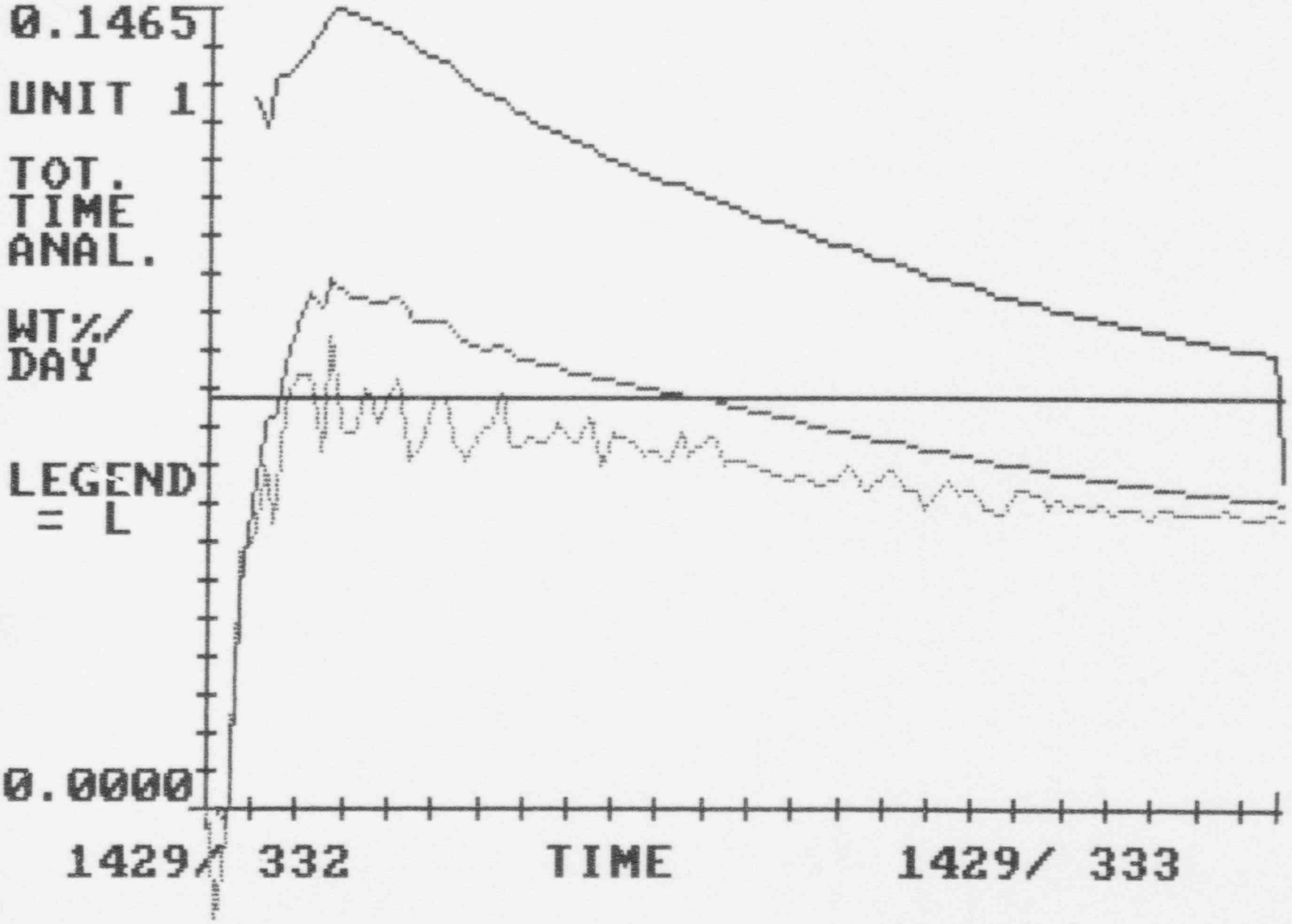
# OF DATA POINTS	= 97
MODE DURATION (IN HOURS)	= 24.00
TOT TIME MEASURED LEAK	= 0.0540
TOT TIME CALCULATED LEAK	= 0.0566
TOT TIME 95% UCL	= 0.0610
MASS POINT LEAK	= 0.0525
MASS POINT 95% UCL	= 0.0536
75 La	= .075

TERMINATION CRITERIA MET

POINT SUMMARY: CURRENT VALUE/DIFFERENCE FROM PREVIOUS POINT

AVG TEMP:	74.453/ -0.005	AVG PRESS:	63.095 / -0.000
MASS:	951762.00 / +2.875	AVG DEW PRESS:	0.2651/ -0.0002
		TOTAL PRESS:	63.360 / -0.001


0.1002
UNIT 1
MASS
ANAL.
WT%/
DAY
LEGEND
= L
0.0000
1429/ 332
TIME
1429/ 333


0.1465
UNIT 1
TOT.
TIME
ANAL.
WT%/
DAY
LEGEND
= L
0.0000
1429/ 332
TIME
1429/ 333

LEAKAGE RATE SUMMARY UNIT 1

		TOTAL TIME			MASS/POINT	
DATE	TIME	TTLM	LMCALC	SL	LAM	L95
332	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
332	0.25	-0.0203	0.0000	0.0000	0.0000	0.0000
332	0.50	-0.0041	-0.0041	0.0000	-0.0041	0.0753
332	0.75	0.0477	0.0417	0.1824	0.0441	0.1269
332	1.00	0.0492	0.0572	0.1301	0.0559	0.0974
332	1.25	0.0629	0.0710	0.1253	0.0680	0.0968
332	1.50	0.0529	0.0720	0.1340	0.0653	0.0848
332	1.75	0.0752	0.0822	0.1346	0.0762	0.0948
332	2.00	0.0797	0.0898	0.1374	0.0836	0.0998
332	2.25	0.0794	0.0942	0.1407	0.0870	0.1002
332	2.50	0.0661	0.0922	0.1441	0.0825	0.0941
332	2.75	0.0864	0.0969	0.1457	0.0878	0.0989
332	3.00	0.0704	0.0954	0.1465	0.0847	0.0945
332	3.25	0.0689	0.0936	0.1461	0.0817	0.0906
332	3.50	0.0767	0.0941	0.1455	0.0823	0.0899
332	3.75	0.0715	0.0930	0.1444	0.0808	0.0876
332	4.00	0.0748	0.0928	0.1433	0.0806	0.0866
332	4.25	0.0789	0.0934	0.1427	0.0816	0.0870
332	4.50	0.0638	0.0906	0.1411	0.0779	0.0840
332	4.75	0.0677	0.0891	0.1394	0.0761	0.0819
332	5.00	0.0756	0.0892	0.1383	0.0768	0.0819
332	5.25	0.0752	0.0891	0.1373	0.0771	0.0818
332	5.50	0.0679	0.0878	0.1357	0.0756	0.0802
332	5.75	0.0640	0.0859	0.1339	0.0735	0.0782
332	6.00	0.0684	0.0850	0.1324	0.0727	0.0771
332	6.25	0.0699	0.0844	0.1311	0.0724	0.0764
332	6.50	0.0765	0.0848	0.1304	0.0735	0.0774
332	6.75	0.0675	0.0838	0.1291	0.0726	0.0763
332	7.00	0.0664	0.0828	0.1276	0.0716	0.0752
332	7.25	0.0684	0.0822	0.1264	0.0711	0.0745
332	7.50	0.0672	0.0814	0.1252	0.0705	0.0737
332	7.75	0.0711	0.0812	0.1243	0.0707	0.0737
332	8.00	0.0689	0.0808	0.1233	0.0705	0.0733
332	8.25	0.0673	0.0802	0.1222	0.0700	0.0727
332	8.50	0.0720	0.0801	0.1215	0.0704	0.0729
332	8.75	0.0630	0.0791	0.1202	0.0693	0.0719
332	9.00	0.0693	0.0788	0.1194	0.0693	0.0718
332	9.25	0.0686	0.0785	0.1186	0.0691	0.0715
332	9.50	0.0678	0.0781	0.1177	0.0689	0.0712
333	9.75	0.0653	0.0775	0.1167	0.0684	0.0706

LEAKAGE RATE SUMMARY UNIT 1						
		TOTAL TIME			MASS/POINT	
DATE	TIME	TTLM	LMCALC	SL	LAM	L95
333	10.00	0.0659	0.0769	0.1158	0.0680	0.0701
333	10.23	0.0638	0.0762	0.1148	0.0674	0.0695
333	10.50	0.0693	0.0762	0.1142	0.0676	0.0696
333	10.75	0.0650	0.0757	0.1134	0.0671	0.0691
333	11.00	0.0668	0.0753	0.1127	0.0670	0.0689
333	11.25	0.0682	0.0752	0.1121	0.0671	0.0689
333	11.50	0.0629	0.0745	0.1112	0.0665	0.0683
333	11.75	0.0645	0.0741	0.1104	0.0661	0.0679
333	12.00	0.0644	0.0737	0.1097	0.0658	0.0676
333	12.25	0.0630	0.0732	0.1089	0.0654	0.0671
333	12.50	0.0625	0.0727	0.1081	0.0649	0.0666
333	12.75	0.0615	0.0721	0.1073	0.0644	0.0661
333	13.00	0.0609	0.0715	0.1065	0.0639	0.0656
333	13.25	0.0619	0.0711	0.1058	0.0635	0.0652
333	13.50	0.0604	0.0705	0.1050	0.0630	0.0647
333	13.75	0.0601	0.0700	0.1042	0.0625	0.0642
333	14.00	0.0610	0.0696	0.1035	0.0622	0.0639
333	14.25	0.0631	0.0693	0.1029	0.0621	0.0637
333	14.50	0.0601	0.0688	0.1022	0.0617	0.0633
333	14.75	0.0589	0.0683	0.1015	0.0612	0.0628
333	15.00	0.0605	0.0679	0.1009	0.0609	0.0625
333	15.25	0.0621	0.0677	0.1004	0.0608	0.0624
333	15.50	0.0593	0.0673	0.0997	0.0605	0.0620
333	15.75	0.0586	0.0668	0.0991	0.0601	0.0616
333	16.00	0.0549	0.0662	0.0983	0.0594	0.0610
333	16.25	0.0576	0.0657	0.0976	0.0590	0.0606
333	16.50	0.0606	0.0655	0.0971	0.0589	0.0605
333	16.75	0.0576	0.0651	0.0965	0.0586	0.0602
333	17.00	0.0586	0.0648	0.0960	0.0584	0.0599
333	17.25	0.0557	0.0643	0.0953	0.0579	0.0595
333	17.50	0.0552	0.0638	0.0946	0.0575	0.0590
333	17.75	0.0549	0.0633	0.0940	0.0570	0.0586
333	18.00	0.0587	0.0631	0.0935	0.0569	0.0584
333	18.25	0.0585	0.0628	0.0931	0.0568	0.0583
333	18.50	0.0577	0.0625	0.0926	0.0566	0.0581
333	18.75	0.0558	0.0622	0.0920	0.0563	0.0578
333	19.00	0.0571	0.0619	0.0916	0.0561	0.0576
333	19.25	0.0552	0.0615	0.0910	0.0558	0.0573
333	19.50	0.0561	0.0612	0.0905	0.0556	0.0570
333	19.75	0.0555	0.0609	0.0900	0.0554	0.0568

LEAKAGE RATE SUMMARY UNIT 1

		TOTAL TIME			MASS/POINT	
DATE	TIME	TTLM	LMCALC	SL	LAM	L95
333	20.00	0.0565	0.0606	0.0896	0.0552	0.0566
333	20.25	0.0546	0.0603	0.0891	0.0549	0.0563
333	20.50	0.0556	0.0600	0.0887	0.0548	0.0561
333	20.75	0.0552	0.0598	0.0882	0.0546	0.0559
333	21.00	0.0538	0.0594	0.0877	0.0543	0.0556
333	21.25	0.0550	0.0592	0.0873	0.0541	0.0554
333	21.50	0.0555	0.0589	0.0869	0.0539	0.0552
333	21.75	0.0544	0.0586	0.0864	0.0537	0.0550
333	22.00	0.0549	0.0584	0.0860	0.0536	0.0548
333	22.25	0.0546	0.0582	0.0856	0.0534	0.0546
333	22.50	0.0542	0.0579	0.0852	0.0532	0.0545
333	22.75	0.0556	0.0577	0.0849	0.0532	0.0544
333	23.00	0.0545	0.0575	0.0845	0.0530	0.0542
333	23.25	0.0533	0.0573	0.0841	0.0528	0.0540
333	23.50	0.0539	0.0570	0.0837	0.0527	0.0538
333	23.75	0.0549	0.0569	0.0834	0.0526	0.0537
333	24.00	0.0540	0.0566	0.0610	0.0525	0.0536

LEAKAGE RATE TREND SUMMARY UNIT 1

		TOTAL TIME			MASS POINT	
DATE	TIME	TTLM	LMCALC	CHANGE	LAM	CHANGE
332	0.25	-0.0203	0.0000	0.0000	0.0000	0.0000
332	0.50	-0.0041	-0.0041	-0.0041	-0.0041	-0.0041
332	0.75	0.0477	0.0417	0.0459	0.0441	0.0482
332	1.00	0.0492	0.0572	0.0154	0.0559	0.0118
332	1.25	0.0629	0.0710	0.0139	0.0680	0.0121
332	1.50	0.0529	0.0720	0.0010	0.0653	-0.0027
332	1.75	0.0752	0.0822	0.0102	0.0762	0.0109
332	2.00	0.0797	0.0898	0.0076	0.0836	0.0074
332	2.25	0.0794	0.0942	0.0044	0.0870	0.0034
332	2.50	0.0661	0.0922	-0.0020	0.0825	-0.0045
332	2.75	0.0864	0.0969	0.0047	0.0878	0.0053
332	3.00	0.0704	0.0954	-0.0015	0.0847	-0.0031
332	3.25	0.0689	0.0936	-0.0018	0.0817	-0.0029
332	3.50	0.0767	0.0941	0.0004	0.0823	0.0005
332	3.75	0.0715	0.0930	-0.0011	0.0808	-0.0015
332	4.00	0.0748	0.0928	-0.0002	0.0806	-0.0002
332	4.25	0.0789	0.0934	0.0006	0.0816	0.0010
332	4.50	0.0638	0.0906	-0.0027	0.0779	-0.0036
332	4.75	0.0677	0.0891	-0.0016	0.0761	-0.0018
332	5.00	0.0756	0.0892	0.0001	0.0768	0.0006
332	5.25	0.0752	0.0891	-0.0000	0.0771	0.0004
332	5.50	0.0679	0.0878	-0.0013	0.0756	-0.0015
332	5.75	0.0640	0.0859	-0.0018	0.0735	-0.0021
332	6.00	0.0684	0.0850	-0.0009	0.0727	-0.0008
332	6.25	0.0699	0.0844	-0.0006	0.0724	-0.0003
332	6.50	0.0765	0.0848	0.0004	0.0735	0.0011
332	6.75	0.0675	0.0838	-0.0009	0.0726	-0.0009
332	7.00	0.0664	0.0828	-0.0010	0.0716	-0.0010
332	7.25	0.0684	0.0822	-0.0007	0.0711	-0.0005
332	7.50	0.0672	0.0814	-0.0007	0.0705	-0.0006
332	7.75	0.0711	0.0812	-0.0002	0.0707	0.0002
332	8.00	0.0689	0.0808	-0.0005	0.0705	-0.0002
332	8.25	0.0673	0.0802	-0.0006	0.0700	-0.0005
332	8.50	0.0720	0.0801	-0.0000	0.0704	0.0003
332	8.75	0.0630	0.0791	-0.0010	0.0693	-0.0011
332	9.00	0.0693	0.0788	-0.0003	0.0693	-0.0000
332	9.25	0.0686	0.0785	-0.0003	0.0691	-0.0001
332	9.50	0.0678	0.0781	-0.0004	0.0689	-0.0002
332	9.75	0.0653	0.0775	-0.0006	0.0684	-0.0005
333	10.00	0.0659	0.0769	-0.0005	0.0680	-0.0004

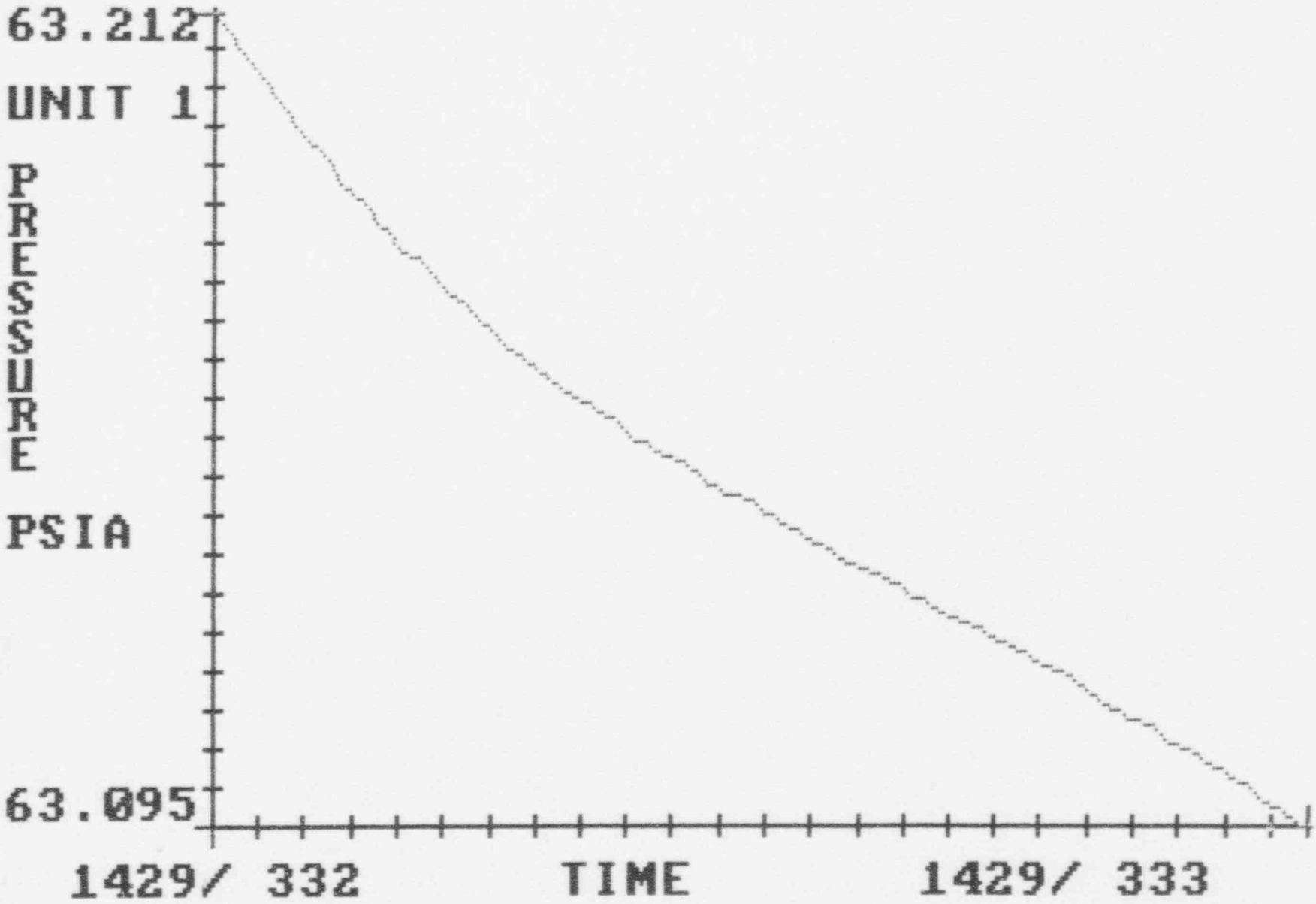
LEAKAGE RATE TREND SUMMARY UNIT 1

		TOTAL TIME			MASS POINT	
DATE	TIME	TTLM	LMCALC	CHANGE	LAM	CHANGE
333	10.23	0.0638	0.0762	-0.0007	0.0674	-0.0006
333	10.50	0.0693	0.0762	-0.0001	0.0676	0.0002
333	10.75	0.0650	0.0757	-0.0005	0.0671	-0.0004
333	11.00	0.0668	0.0753	-0.0003	0.0670	-0.0001
333	11.25	0.0682	0.0752	-0.0002	0.0671	0.0001
333	11.50	0.0629	0.0745	-0.0006	0.0665	-0.0006
333	11.75	0.0645	0.0741	-0.0004	0.0661	-0.0003
333	12.00	0.0644	0.0737	-0.0004	0.0658	-0.0003
333	12.25	0.0630	0.0732	-0.0005	0.0654	-0.0004
333	12.50	0.0625	0.0727	-0.0005	0.0649	-0.0004
333	12.75	0.0615	0.0721	-0.0006	0.0644	-0.0005
333	13.00	0.0609	0.0715	-0.0006	0.0639	-0.0005
333	13.25	0.0619	0.0711	-0.0005	0.0635	-0.0004
333	13.50	0.0604	0.0705	-0.0005	0.0630	-0.0005
333	13.75	0.0601	0.0700	-0.0005	0.0625	-0.0005
333	14.00	0.0610	0.0696	-0.0004	0.0622	-0.0003
333	14.25	0.0631	0.0693	-0.0003	0.0621	-0.0001
333	14.50	0.0601	0.0688	-0.0005	0.0617	-0.0004
333	14.75	0.0589	0.0683	-0.0005	0.0612	-0.0005
333	15.00	0.0605	0.0679	-0.0004	0.0609	-0.0003
333	15.25	0.0621	0.0677	-0.0003	0.0608	-0.0001
333	15.50	0.0593	0.0673	-0.0004	0.0605	-0.0003
333	15.75	0.0586	0.0668	-0.0004	0.0601	-0.0004
333	16.00	0.0549	0.0662	-0.0006	0.0594	-0.0007
333	16.25	0.0576	0.0657	-0.0004	0.0590	-0.0004
333	16.50	0.0606	0.0655	-0.0002	0.0589	-0.0001
333	16.75	0.0576	0.0651	-0.0004	0.0586	-0.0003
333	17.00	0.0586	0.0648	-0.0003	0.0584	-0.0002
333	17.25	0.0557	0.0643	-0.0005	0.0579	-0.0005
333	17.50	0.0552	0.0638	-0.0005	0.0575	-0.0005
333	17.75	0.0549	0.0633	-0.0005	0.0570	-0.0004
333	18.00	0.0587	0.0631	-0.0002	0.0569	-0.0001
333	18.25	0.0585	0.0628	-0.0002	0.0568	-0.0001
333	18.50	0.0577	0.0625	-0.0003	0.0566	-0.0002
333	18.75	0.0558	0.0622	-0.0004	0.0563	-0.0003
333	19.00	0.0571	0.0619	-0.0003	0.0561	-0.0002
333	19.25	0.0552	0.0615	-0.0004	0.0558	-0.0003
333	19.50	0.0561	0.0612	-0.0003	0.0556	-0.0002
333	19.75	0.0555	0.0609	-0.0003	0.0554	-0.0002
333	20.00	0.0565	0.0606	-0.0003	0.0552	-0.0002

LEAKAGE RATE TREND SUMMARY UNIT 1

		TOTAL TIME			MASS POINT	
DATE	TIME	TTLM	LMCALC	CHANGE	LAM	CHANGE
333	20.25	0.0546	0.0603	-0.0003	0.0549	-0.0003
333	20.50	0.0556	0.0600	-0.0003	0.0548	-0.0002
333	20.75	0.0552	0.0598	-0.0003	0.0546	-0.0002
333	21.00	0.0538	0.0594	-0.0003	0.0543	-0.0003
333	21.25	0.0550	0.0592	-0.0003	0.0541	-0.0002
333	21.50	0.0555	0.0589	-0.0002	0.0539	-0.0001
333	21.75	0.0544	0.0586	-0.0003	0.0537	-0.0002
333	22.00	0.0549	0.0584	-0.0002	0.0536	-0.0002
333	22.25	0.0546	0.0582	-0.0002	0.0534	-0.0002
333	22.50	0.0542	0.0579	-0.0002	0.0532	-0.0002
333	22.75	0.0556	0.0577	-0.0002	0.0532	-0.0001
333	23.00	0.0545	0.0575	-0.0002	0.0530	-0.0001
333	23.25	0.0533	0.0573	-0.0003	0.0528	-0.0002
333	23.50	0.0539	0.0570	-0.0002	0.0527	-0.0002
333	23.75	0.0549	0.0569	-0.0002	0.0526	-0.0001
333	24.00	0.0540	0.0566	-0.0002	0.0525	-0.0001

20 POINT MEAN TOTAL TIME CALCULATED LEAKAGE = .0589019
20 POINT MEAN TOTAL TIME MEASURED LEAKAGE = 5.487982E-02
20 POINT MEAN MASS POINT LEAKAGE = 5.396824E-02
MASS POINT INTERCEPT = 952242
MASS POINT SLOPE =-20.81953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PSIA
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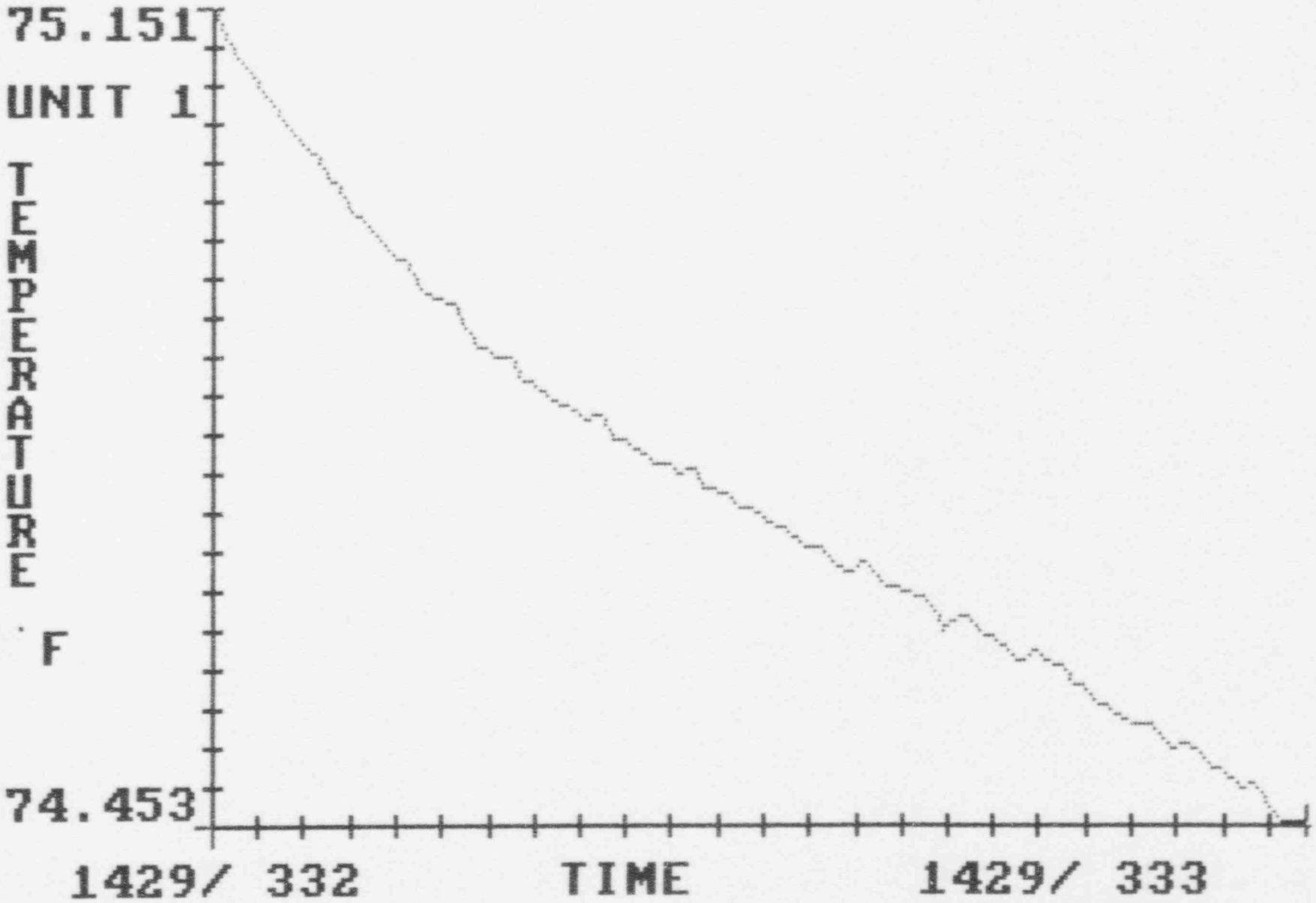
1429/ 332
TIME
1429/ 333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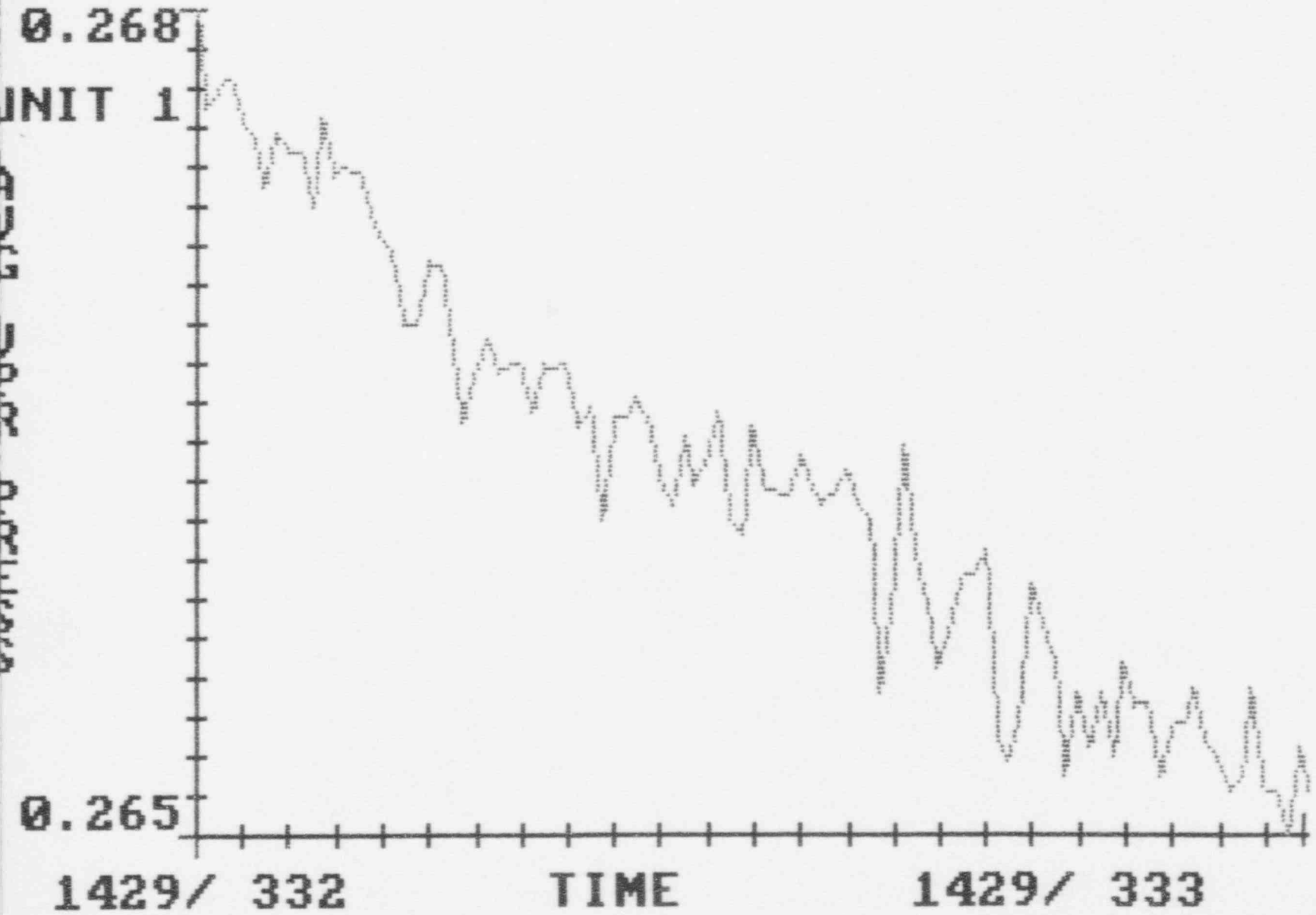
1429/ 332
TIME
1429/ 333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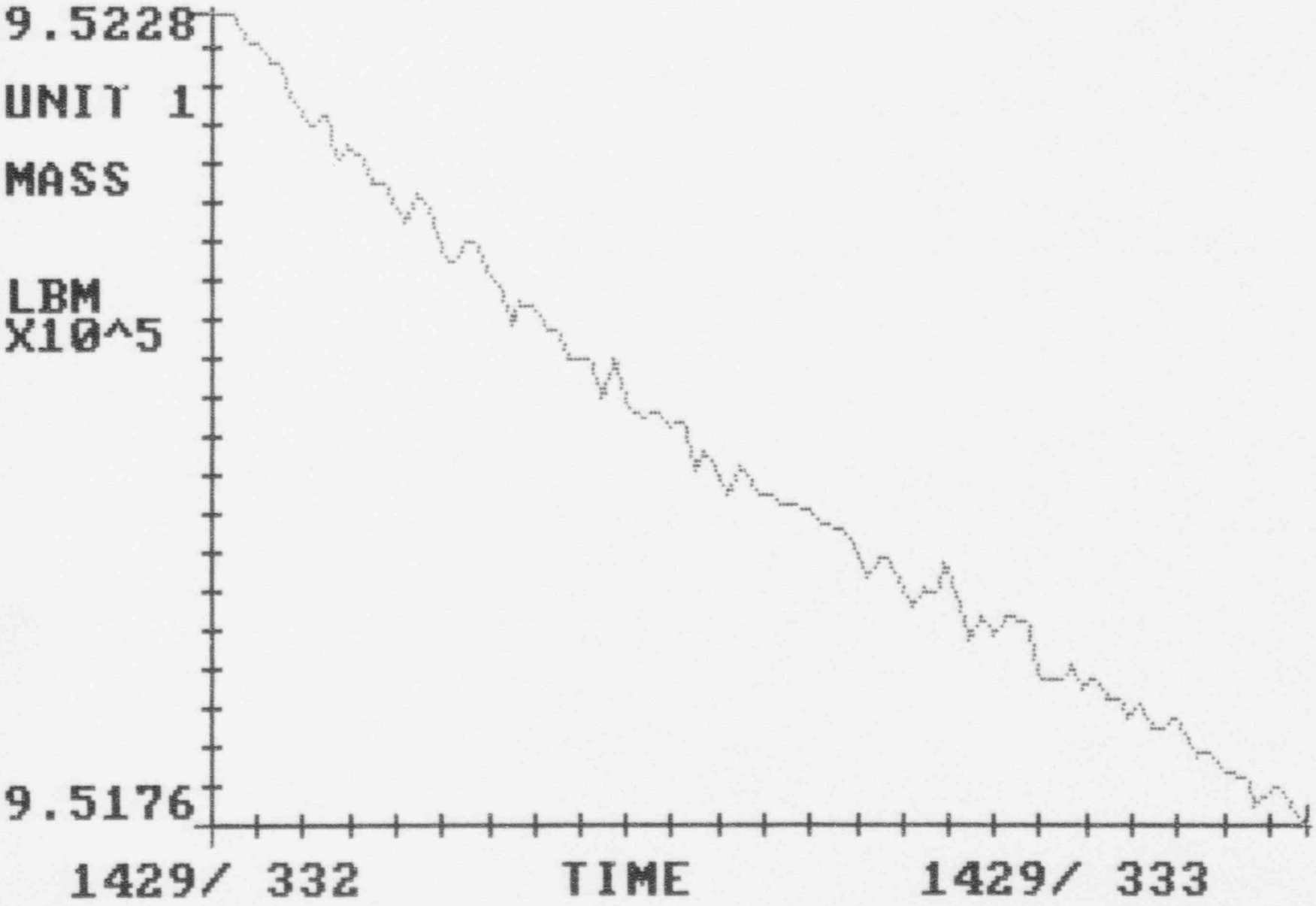
1429/ 332
TIME
1429/ 333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UNIT 1
MASS
LBM
X10^5
9.5176
1429/ 332
TIME
1429/ 333

TEST MODE
Page 1

AVERAGE DATA VALUES						
DATE	TIME	RTD	DEW PT.	VAP PRESS	DRY PRESS	MASS
332	0.00	75.151	0.000	0.268	63.212	952276.31
332	0.25	75.135	0.000	0.268	63.210	952278.31
332	0.50	75.115	0.000	0.268	63.208	952277.13
332	0.75	75.103	0.000	0.268	63.205	952262.13
332	1.00	75.088	0.000	0.267	63.203	952256.69
332	1.25	75.073	0.000	0.267	63.201	952245.13
332	1.50	75.061	0.000	0.267	63.199	952244.81
332	1.75	75.048	0.000	0.267	63.196	952224.13
332	2.00	75.037	0.000	0.267	63.194	952213.13
332	2.25	75.026	0.000	0.267	63.193	952205.38
332	2.50	75.008	0.000	0.267	63.191	952210.81
332	2.75	75.003	0.000	0.267	63.188	952182.13
332	3.00	74.983	0.000	0.267	63.186	952192.38
332	3.25	74.973	0.000	0.267	63.185	952187.38
332	3.50	74.962	0.000	0.267	63.183	952169.63
332	3.75	74.951	0.000	0.267	63.181	952169.88
332	4.00	74.941	0.000	0.267	63.179	952157.50
332	4.25	74.935	0.000	0.267	63.178	952143.19
332	4.50	74.917	0.000	0.267	63.177	952162.38
332	4.75	74.909	0.000	0.267	63.175	952148.69
332	5.00	74.904	0.000	0.267	63.173	952126.38
332	5.25	74.898	0.000	0.267	63.172	952119.50
332	5.50	74.884	0.000	0.267	63.171	952128.13
332	5.75	74.867	0.000	0.266	63.169	952130.19
332	6.00	74.864	0.000	0.267	63.167	952113.38
332	6.25	74.854	0.000	0.267	63.165	952103.00
332	6.50	74.854	0.000	0.267	63.164	952079.00
332	6.75	74.838	0.000	0.267	63.163	952095.63
332	7.00	74.831	0.000	0.267	63.162	952092.00
332	7.25	74.826	0.000	0.266	63.161	952079.63
332	7.50	74.815	0.000	0.267	63.159	952076.13
332	7.75	74.812	0.000	0.267	63.157	952057.63
332	8.00	74.807	0.000	0.267	63.157	952057.50
332	8.25	74.802	0.000	0.266	63.156	952055.88
332	8.50	74.803	0.000	0.266	63.155	952033.63
332	8.75	74.783	0.000	0.266	63.154	952057.63
332	9.00	74.784	0.000	0.266	63.152	952028.81
332	9.25	74.775	0.000	0.266	63.151	952024.50
332	9.50	74.772	0.000	0.266	63.150	952020.88
333	9.75	74.762	0.000	0.266	63.149	952023.69

AVERAGE DATA VALUES

DATE	TIME	RTD	DEW PT.	VAP PRESS	DRY PRESS	MASS
333	10.00	74.762	0.000	0.266	63.149	952014.81
333	10.23	74.753	0.000	0.266	63.148	952017.19
333	10.50	74.757	0.000	0.266	63.146	951987.50
333	10.75	74.743	0.000	0.266	63.145	951999.13
333	11.00	74.741	0.000	0.266	63.144	951984.88
333	11.25	74.739	0.000	0.266	63.143	951972.13
333	11.50	74.725	0.000	0.266	63.143	951989.31
333	11.75	74.727	0.000	0.266	63.142	951975.63
333	12.00	74.719	0.000	0.266	63.141	951969.50
333	12.25	74.715	0.000	0.266	63.140	951970.13
333	12.50	74.708	0.000	0.266	63.139	951966.13
333	12.75	74.701	0.000	0.266	63.138	951965.31
333	13.00	74.691	0.000	0.266	63.137	951962.31
333	13.25	74.692	0.000	0.266	63.136	951951.13
333	13.50	74.684	0.000	0.266	63.135	951952.88
333	13.75	74.677	0.000	0.266	63.134	951948.63
333	14.00	74.672	0.000	0.266	63.133	951937.31
333	14.25	74.678	0.000	0.266	63.132	951919.38
333	14.50	74.665	0.000	0.266	63.132	951930.81
333	14.75	74.659	0.000	0.265	63.131	951931.63
333	15.00	74.660	0.000	0.266	63.130	951916.50
333	15.25	74.655	0.000	0.266	63.128	951900.81
333	15.50	74.649	0.000	0.266	63.128	951911.69
333	15.75	74.638	0.000	0.266	63.127	951910.31
333	16.00	74.623	0.000	0.266	63.126	951927.38
333	16.25	74.629	0.000	0.266	63.126	951905.13
333	16.50	74.634	0.000	0.266	63.125	951879.50
333	16.75	74.622	0.000	0.266	63.124	951893.38
333	17.00	74.618	0.000	0.266	63.123	951881.13
333	17.25	74.607	0.000	0.265	63.122	951895.00
333	17.50	74.602	0.000	0.265	63.122	951893.31
333	17.75	74.597	0.000	0.265	63.121	951889.81
333	18.00	74.605	0.000	0.266	63.120	951856.88
333	18.25	74.598	0.000	0.266	63.118	951853.13
333	18.50	74.591	0.000	0.266	63.118	951852.88
333	18.75	74.580	0.000	0.265	63.117	951861.38
333	19.00	74.577	0.000	0.265	63.116	951846.00
333	19.25	74.563	0.000	0.265	63.114	951854.38
333	19.50	74.559	0.000	0.265	63.113	951841.88
333	19.75	74.552	0.000	0.265	63.112	951841.13

AVERAGE DATA VALUES

DATE	TIME	RTD	DEW PT.	VAP PRESS	DRY PRESS	MASS
333	20.00	74.548	0.000	0.266	63.111	951827.63
333	20.25	74.541	0.000	0.265	63.111	951837.19
333	20.50	74.542	0.000	0.265	63.110	951824.00
333	20.75	74.531	0.000	0.265	63.109	951821.50
333	21.00	74.520	0.000	0.265	63.108	951828.38
333	21.25	74.525	0.000	0.265	63.107	951812.50
333	21.50	74.521	0.000	0.265	63.106	951802.81
333	21.75	74.510	0.000	0.265	63.105	951807.19
333	22.00	74.505	0.000	0.265	63.104	951796.88
333	22.25	74.498	0.000	0.265	63.103	951794.63
333	22.50	74.490	0.000	0.265	63.102	951792.19
333	22.75	74.492	0.000	0.265	63.101	951774.00
333	23.00	74.477	0.000	0.265	63.099	951778.63
333	23.25	74.465	0.000	0.265	63.098	951784.13
333	23.50	74.460	0.000	0.265	63.097	951773.38
333	23.75	74.458	0.000	0.265	63.096	951759.13
333	24.00	74.453	0.000	0.265	63.095	951762.00

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : TEST
DATE : 332
TIME : 14:29

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.4815	2	+63.4780

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+75.910	2	+75.710	3	+75.140
4	+74.870	5	+77.390	6	+75.920
7	+75.490	8	+76.620	9	+75.770
10	+75.380	11	+75.580	12	+78.030
13	+75.510	14	+76.870	15	+78.220
16	+79.150	17	+75.150	18	+75.620
19	+75.120	20	+75.040	21	+75.290
22	+75.210	23	+75.790	24	+76.910
25	+76.230	26	+78.030	27	+74.970
28	+75.080	29	+75.110	30	+74.900
31	+74.690	32	+74.600	33	+74.430
34	+74.650	35	+74.900	36	+74.520
37	+74.460	38	+74.860	39	+74.850
40	+74.690				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+60.190	2	+61.350	3	+58.960
4	+61.330	5	+59.210	6	+56.090
7	+63.620	8	+63.550	9	+62.000
10	+61.700	11	+64.060	12	+61.560
13	+59.740	14	+64.700		

AVERAGE TEMPERATURE = +75.151 DEG. F
AVERAGE PRESSURE = +63.480 PSIA
AVG VAPOR PRESSURE = +0.2678 PSIA
MASS = +952276.31 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : TEST
DATE : 332
TIME : 14:44

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.4792	2	+63.4762

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+75.900	2	+75.700	3	+75.130
4	+74.850	5	+77.390	6	+75.900
7	+75.480	8	+76.550	9	+75.740
10	+75.350	11	+75.580	12	+78.080
13	+75.530	14	+76.890	15	+78.210
16	+79.120	17	+75.100	18	+75.620
19	+75.100	20	+75.040	21	+75.250
22	+75.240	23	+75.780	24	+76.870
25	+76.210	26	+78.030	27	+74.970
28	+75.010	29	+75.070	30	+74.830
31	+74.670	32	+74.660	33	+74.400
34	+74.620	35	+74.830	36	+74.500
37	+74.440	38	+74.980	39	+74.800
40	+74.680				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+59.990	2	+61.340	3	+58.650
4	+61.330	5	+58.210	6	+55.970
7	+63.590	8	+63.340	9	+62.080
10	+61.860	11	+64.000	12	+61.400
13	+59.910	14	+64.540		

AVERAGE TEMPERATURE = +75.135 DEG. F
AVERAGE PRESSURE = +63.478 PSIA
AVG VAPOR PRESSURE = +0.2675 PSIA
MASS = +952278.31 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : TEST
DATE : 332
TIME : 14:59

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.4765	2	+63.4740

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+75.900	2	+75.670	3	+75.110
4	+74.850	5	+77.360	6	+75.880
7	+75.440	8	+76.590	9	+75.740
10	+75.350	11	+75.530	12	+78.000
13	+75.500	14	+76.850	15	+78.200
16	+79.120	17	+75.110	18	+75.610
19	+75.070	20	+75.020	21	+75.260
22	+75.170	23	+75.740	24	+76.910
25	+76.210	26	+78.010	27	+74.960
28	+75.050	29	+75.030	30	+74.840
31	+74.650	32	+74.610	33	+74.400
34	+74.610	35	+74.860	36	+74.490
37	+74.430	38	+74.820	39	+74.780
40	+74.640				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+60.100	2	+61.330	3	+58.830
4	+61.240	5	+59.110	6	+56.170
7	+63.640	8	+63.550	9	+62.140
10	+61.850	11	+63.940	12	+61.710
13	+59.850	14	+64.530		

AVERAGE TEMPERATURE = +75.115 DEG. F
AVERAGE PRESSURE = +63.475 PSIA
AVG VAPOR PRESSURE = +0.2676 PSIA
MASS = +952277.13 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : TEST
DATE : 332
TIME : 15:14

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.4747	2	+63.4712

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+75.890	2	+75.690	3	+75.100
4	+74.820	5	+77.330	6	+75.890
7	+75.410	8	+76.550	9	+75.680
10	+75.310	11	+75.530	12	+77.990
13	+75.480	14	+76.800	15	+78.200
16	+79.100	17	+75.110	18	+75.560
19	+75.050	20	+75.020	21	+75.260
22	+75.170	23	+75.730	24	+76.890
25	+76.210	26	+77.990	27	+74.940
28	+75.030	29	+75.030	30	+74.830
31	+74.660	32	+74.580	33	+74.390
34	+74.600	35	+74.840	36	+74.470
37	+74.410	38	+74.850	39	+74.780
40	+74.630				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+60.280	2	+61.390	3	+59.070
4	+61.330	5	+59.330	6	+56.200
7	+63.730	8	+63.630	9	+62.010
10	+61.880	11	+63.970	12	+61.600
13	+59.780	14	+64.610		

AVERAGE TEMPERATURE = +75.103 DEG. F
AVERAGE PRESSURE = +63.473 PSIA
AVG VAPOR PRESSURE = +0.2676 PSIA
MASS = +952262.13 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : TEST
DATE : 332
TIME : 15:29

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.4720	2	+63.4692

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+75.870	2	+75.640	3	+75.120
4	+74.810	5	+77.320	6	+75.880
7	+75.410	8	+76.550	9	+75.710
10	+75.270	11	+75.500	12	+77.940
13	+75.470	14	+76.780	15	+78.180
16	+79.090	17	+75.090	18	+75.540
19	+75.050	20	+75.000	21	+75.240
22	+75.160	23	+75.690	24	+76.880
25	+76.130	26	+77.980	27	+74.910
28	+75.000	29	+75.040	30	+74.840
31	+74.640	32	+74.560	33	+74.390
34	+74.580	35	+74.840	36	+74.460
37	+74.410	38	+74.800	39	+74.760
40	+74.600				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+60.300	2	+61.450	3	+59.150
4	+61.270	5	+59.420	6	+56.160
7	+63.720	8	+63.680	9	+61.900
10	+61.790	11	+64.240	12	+61.670
13	+59.640	14	+64.580		

AVERAGE TEMPERATURE = +75.088 DEG. F
AVERAGE PRESSURE = +63.471 PSIA
AVG VAPOR PRESSURE = +0.2675 PSIA
MASS = +952256.69 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : TEST
DATE : 332
TIME : 21:59

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.4270	2	+63.4241

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+75.570	2	+75.350	3	+74.790
4	+74.520	5	+76.980	6	+75.560
7	+75.100	8	+76.130	9	+75.380
10	+75.000	11	+75.260	12	+77.800
13	+75.200	14	+76.430	15	+77.800
16	+78.870	17	+74.770	18	+75.290
19	+74.770	20	+74.750	21	+74.930
22	+74.940	23	+75.440	24	+76.480
25	+75.890	26	+77.610	27	+74.570
28	+74.750	29	+74.760	30	+74.570
31	+74.350	32	+74.250	33	+74.130
34	+74.340	35	+74.540	36	+74.200
37	+74.140	38	+74.640	39	+74.520
40	+74.320				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+60.480	2	+61.920	3	+59.190
4	+61.790	5	+58.830	6	+56.830
7	+63.970	8	+64.240	9	+62.210
10	+62.090	11	+64.460	12	+61.750
13	+60.410	14	+64.960		

AVERAGE TEMPERATURE = +74.815 DEG. F
AVERAGE PRESSURE = +63.426 PSIA
AVG VAPOR PRESSURE = +0.2666 PSIA
MASS = +952076.13 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : TEST
DATE : 332
TIME : 22:14

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.4256	2	+63.4222

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+75.560	2	+75.360	3	+74.770
4	+74.510	5	+77.000	6	+75.540
7	+75.080	8	+76.140	9	+75.380
10	+75.000	11	+75.280	12	+77.770
13	+75.170	14	+76.440	15	+77.770
16	+78.860	17	+74.800	18	+75.290
19	+74.750	20	+74.720	21	+74.910
22	+74.900	23	+75.470	24	+76.500
25	+75.900	26	+77.600	27	+74.580
28	+74.720	29	+74.760	30	+74.560
31	+74.380	32	+74.300	33	+74.100
34	+74.310	35	+74.550	36	+74.180
37	+74.130	38	+74.650	39	+74.520
40	+74.330				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+60.420	2	+61.940	3	+58.940
4	+61.640	5	+58.550	6	+56.970
7	+64.000	8	+63.980	9	+62.470
10	+62.150	11	+64.450	12	+61.770
13	+60.350	14	+65.110		

AVERAGE TEMPERATURE = +74.812 DEG. F
AVERAGE PRESSURE = +63.424 PSIA
AVG VAPOR PRESSURE = +0.2666 PSIA
MASS = +952057.63 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : TEST
DATE : 332
TIME : 22:29

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.4249	2	+63.4218

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+75.530	2	+75.330	3	+74.780
4	+74.500	5	+76.990	6	+75.520
7	+75.100	8	+76.130	9	+75.340
10	+74.990	11	+75.270	12	+77.730
13	+75.170	14	+76.410	15	+77.770
16	+78.850	17	+74.790	18	+75.270
19	+74.730	20	+74.700	21	+74.920
22	+74.900	23	+75.480	24	+76.550
25	+75.880	26	+77.590	27	+74.590
28	+74.670	29	+74.790	30	+74.550
31	+74.380	32	+74.310	33	+74.090
34	+74.300	35	+74.550	36	+74.180
37	+74.130	38	+74.690	39	+74.500
40	+74.310				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+60.460	2	+62.000	3	+59.110
4	+61.750	5	+58.470	6	+56.930
7	+64.050	8	+63.950	9	+62.540
10	+62.190	11	+64.660	12	+61.740
13	+60.250	14	+65.030		

AVERAGE TEMPERATURE = +74.807 DEG. F
AVERAGE PRESSURE = +63.423 PSIA
AVG VAPOR PRESSURE = +0.2666 PSIA
MASS = +952057.50 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : TEST
DATE : 332
TIME : 22:44

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.4237	2	+63.4211

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+75.520	2	+75.300	3	+74.760
4	+74.490	5	+76.980	6	+75.520
7	+75.050	8	+76.140	9	+75.340
10	+74.980	11	+75.260	12	+77.800
13	+75.190	14	+76.390	15	+77.750
16	+78.840	17	+74.780	18	+75.270
19	+74.740	20	+74.720	21	+74.920
22	+74.920	23	+75.460	24	+76.480
25	+75.890	26	+77.590	27	+74.570
28	+74.680	29	+74.750	30	+74.500
31	+74.350	32	+74.310	33	+74.110
34	+74.320	35	+74.510	36	+74.190
37	+74.130	38	+74.720	39	+74.520
40	+74.300				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+60.410	2	+62.040	3	+59.100
4	+61.800	5	+58.170	6	+57.000
7	+63.950	8	+63.850	9	+62.460
10	+62.080	11	+64.520	12	+61.710
13	+60.400	14	+64.940		

AVERAGE TEMPERATURE = +74.802 DEG. F
AVERAGE PRESSURE = +63.422 PSIA
AVG VAPOR PRESSURE = +0.2664 PSIA
MASS = +952055.88 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : TEST
DATE : 332
TIME : 22:59

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.4224	2	+63.4199

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+75.510	2	+75.310	3	+74.760
4	+74.490	5	+76.980	6	+75.510
7	+75.090	8	+76.150	9	+75.390
10	+74.970	11	+75.260	12	+77.740
13	+75.200	14	+76.410	15	+77.730
16	+78.840	17	+74.750	18	+75.270
19	+74.730	20	+74.720	21	+74.890
22	+74.920	23	+75.450	24	+76.430
25	+75.870	26	+77.550	27	+74.570
28	+74.670	29	+74.740	30	+74.540
31	+74.380	32	+74.300	33	+74.100
34	+74.320	35	+74.510	36	+74.190
37	+74.130	38	+74.760	39	+74.490
40	+74.310				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+60.420	2	+62.030	3	+59.100
4	+61.750	5	+58.320	6	+56.900
7	+63.950	8	+63.960	9	+62.340
10	+62.200	11	+64.370	12	+61.720
13	+60.450	14	+65.020		

AVERAGE TEMPERATURE = +74.803 DEG. F
AVERAGE PRESSURE = +63.421 PSIA
AVG VAPOR PRESSURE = +0.2665 PSIA
MASS = +952033.63 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : TEST
DATE : 332
TIME : 23:14

Pressure Instruments in PSIA

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channel	pressure	channel	pressure
1	+63.4216	2	+63.4184

RTDs in degrees F

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channel	temp.	channel	temp.	channel	temp.
1	+75.530	2	+75.290	3	+74.720
4	+74.480	5	+76.960	6	+75.510
7	+75.040	8	+76.080	9	+75.310
10	+74.960	11	+75.240	12	+77.710
13	+75.180	14	+76.400	15	+77.730
16	+78.860	17	+74.750	18	+75.270
19	+74.710	20	+74.700	21	+74.880
22	+74.870	23	+75.420	24	+76.450
25	+75.900	26	+77.580	27	+74.570
28	+74.700	29	+74.720	30	+74.520
31	+74.340	32	+74.280	33	+74.090
34	+74.290	35	+74.540	36	+74.170
37	+74.130	38	+74.600	39	+74.490
40	+74.280				

Relative humidity in percent

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channel	%RH	channel	%RH	channel	%RH
1	+60.480	2	+62.050	3	+59.110
4	+61.760	5	+58.260	6	+56.920
7	+64.030	8	+63.700	9	+62.310
10	+62.110	11	+64.570	12	+61.810
13	+60.300	14	+64.950		

AVERAGE TEMPERATURE = +74.783 DEG. F
AVERAGE PRESSURE = +63.420 PSIA
AVG VAPOR PRESSURE = +0.2661 PSIA
MASS = +952057.56 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : TEST
DATE : 332
TIME : 23:29

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.4202	2	+63.4169

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+75.500	2	+75.300	3	+74.720
4	+74.470	5	+76.940	6	+75.480
7	+75.050	8	+76.150	9	+75.320
10	+74.940	11	+75.240	12	+77.740
13	+75.150	14	+76.390	15	+77.730
16	+78.830	17	+74.770	18	+75.260
19	+74.740	20	+74.700	21	+74.870
22	+74.880	23	+75.440	24	+76.510
25	+75.860	26	+77.570	27	+74.580
28	+74.630	29	+74.750	30	+74.530
31	+74.320	32	+74.220	33	+74.110
34	+74.340	35	+74.490	36	+74.160
37	+74.100	38	+74.690	39	+74.510
40	+74.290				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+60.510	2	+61.990	3	+59.020
4	+61.800	5	+58.400	6	+57.000
7	+63.940	8	+63.750	9	+62.590
10	+62.260	11	+64.410	12	+61.750
13	+60.580	14	+65.050		

AVERAGE TEMPERATURE = +74.784 DEG. F
AVERAGE PRESSURE = +63.419 PSIA
AVG VAPOR PRESSURE = +0.2664 PSIA
MASS = +952028.81 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : TEST
DATE : 332
TIME : 23:44

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.4185	2	+63.4160

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+75.480	2	+75.290	3	+74.700
4	+74.450	5	+76.950	6	+75.490
7	+75.050	8	+76.070	9	+75.310
10	+74.930	11	+75.230	12	+77.700
13	+75.150	14	+76.380	15	+77.690
16	+78.810	17	+74.760	18	+75.250
19	+74.710	20	+74.700	21	+74.850
22	+74.850	23	+75.430	24	+76.430
25	+75.850	26	+77.560	27	+74.540
28	+74.660	29	+74.730	30	+74.520
31	+74.320	32	+74.250	33	+74.080
34	+74.280	35	+74.480	36	+74.160
37	+74.080	38	+74.760	39	+74.510
40	+74.270				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+60.470	2	+62.070	3	+59.060
4	+61.860	5	+58.480	6	+57.070
7	+64.000	8	+63.810	9	+62.650
10	+62.110	11	+64.590	12	+61.700
13	+60.610	14	+64.920		

AVERAGE TEMPERATURE = +74.775 DEG. F
AVERAGE PRESSURE = +63.417 PSIA
AVG VAPOR PRESSURE = +0.2664 PSIA
MASS = +952024.50 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : TEST
DATE : 332
TIME : 23:59

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.4180	2	+63.4153

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+75.480	2	+75.260	3	+74.700
4	+74.440	5	+76.940	6	+75.480
7	+75.010	8	+76.070	9	+75.340
10	+74.940	11	+75.260	12	+77.740
13	+75.170	14	+76.370	15	+77.690
16	+78.800	17	+74.760	18	+75.260
19	+74.710	20	+74.710	21	+74.870
22	+74.870	23	+75.470	24	+76.380
25	+75.910	26	+77.550	27	+74.540
28	+74.630	29	+74.750	30	+74.520
31	+74.320	32	+74.250	33	+74.080
34	+74.290	35	+74.480	36	+74.160
37	+74.100	38	+74.680	39	+74.500
40	+74.260				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+60.480	2	+62.090	3	+59.100
4	+61.770	5	+58.260	6	+57.120
7	+63.980	8	+63.830	9	+62.610
10	+62.380	11	+64.540	12	+61.700
13	+60.600	14	+65.080		

AVERAGE TEMPERATURE = +74.772 DEG. F
AVERAGE PRESSURE = +63.417 PSIA
AVG VAPOR PRESSURE = +0.2665 PSIA
MASS = +952020.88 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : TEST
DATE : 333
TIME : 00:14

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.4170	2	+63.4143

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+75.470	2	+75.250	3	+74.690
4	+74.430	5	+76.930	6	+75.450
7	+75.010	8	+76.060	9	+75.330
10	+74.930	11	+75.220	12	+77.740
13	+75.160	14	+76.360	15	+77.670
16	+78.800	17	+74.750	18	+75.240
19	+74.710	20	+74.680	21	+74.870
22	+74.860	23	+75.410	24	+76.380
25	+75.880	26	+77.540	27	+74.530
28	+74.660	29	+74.770	30	+74.520
31	+74.320	32	+74.230	33	+74.080
34	+74.280	35	+74.470	36	+74.150
37	+74.100	38	+74.610	39	+74.470
40	+74.270				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+60.480	2	+62.090	3	+59.110
4	+61.830	5	+58.430	6	+57.010
7	+63.930	8	+64.110	9	+62.380
10	+62.140	11	+64.580	12	+61.800
13	+60.650	14	+65.050		

AVERAGE TEMPERATURE = +74.762 DEG. F
AVERAGE PRESSURE = +63.416 PSIA
AVG VAPOR PRESSURE = +0.2664 PSIA
MASS = +952023.69 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : TEST
DATE : 333
TIME : 00:29

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.4160	2	+63.4137

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+75.500	2	+75.260	3	+74.700
4	+74.440	5	+76.910	6	+75.470
7	+74.990	8	+76.330	9	+75.320
10	+74.900	11	+75.220	12	+77.700
13	+75.160	14	+76.320	15	+77.670
16	+78.800	17	+74.800	18	+75.210
19	+74.710	20	+74.680	21	+74.910
22	+74.860	23	+75.410	24	+76.550
25	+75.740	26	+77.530	27	+74.470
28	+74.740	29	+74.680	30	+74.470
31	+74.330	32	+74.260	33	+74.070
34	+74.260	35	+74.520	36	+74.140
37	+74.110	38	+74.630	39	+74.450
40	+74.270				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+60.620	2	+62.020	3	+59.520
4	+61.660	5	+58.910	6	+56.910
7	+64.030	8	+63.850	9	+62.100
10	+62.210	11	+64.620	12	+61.840
13	+60.380	14	+64.860		

AVERAGE TEMPERATURE = +74.762 DEG. F
AVERAGE PRESSURE = +63.415 PSIA
AVG VAPOR PRESSURE = +0.2662 PSIA
MASS = +952014.75 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : TEST
DATE : 333
TIME : 00:43

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.4154	2	+63.4121

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+75.530	2	+75.300	3	+74.670
4	+74.460	5	+76.910	6	+75.490
7	+74.990	8	+76.360	9	+75.300
10	+74.880	11	+75.210	12	+77.710
13	+75.150	14	+76.280	15	+77.670
16	+78.780	17	+74.790	18	+75.200
19	+74.690	20	+74.660	21	+74.920
22	+74.840	23	+75.390	24	+76.410
25	+75.680	26	+77.520	27	+74.450
28	+74.750	29	+74.660	30	+74.480
31	+74.300	32	+74.250	33	+74.060
34	+74.260	35	+74.500	36	+74.140
37	+74.080	38	+74.590	39	+74.460
40	+74.270				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+60.880	2	+61.930	3	+59.590
4	+61.520	5	+59.090	6	+56.710
7	+64.040	8	+63.910	9	+62.040
10	+62.230	11	+64.590	12	+61.870
13	+60.390	14	+64.830		

AVERAGE TEMPERATURE = +74.753 DEG. F
AVERAGE PRESSURE = +63.414 PSIA
AVG VAPOR PRESSURE = +0.2661 PSIA
MASS = +952017.19 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : TEST
DATE : 333
TIME : 00:59

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.4141	2	+63.4109

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+75.490	2	+75.260	3	+74.650
4	+74.460	5	+76.880	6	+75.470
7	+75.030	8	+76.220	9	+75.340
10	+74.880	11	+75.220	12	+77.680
13	+75.160	14	+76.260	15	+77.650
16	+78.780	17	+74.810	18	+75.240
19	+74.710	20	+74.680	21	+74.900
22	+74.840	23	+75.420	24	+76.440
25	+75.780	26	+77.500	27	+74.480
28	+74.720	29	+74.670	30	+74.480
31	+74.320	32	+74.280	33	+74.040
34	+74.240	35	+74.520	36	+74.140
37	+74.090	38	+74.620	39	+74.460
40	+74.260				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+60.940	2	+61.880	3	+59.590
4	+61.630	5	+58.410	6	+56.890
7	+64.040	8	+64.120	9	+62.210
10	+62.200	11	+64.690	12	+61.780
13	+60.580	14	+65.000		

AVERAGE TEMPERATURE = +74.757 DEG. F
AVERAGE PRESSURE = +63.412 PSIA
AVG VAPOR PRESSURE = +0.2663 PSIA
MASS = +951987.50 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : TEST
DATE : 333
TIME : 01:14

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.4133	2	+63.4096

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+75.470	2	+75.260	3	+74.660
4	+74.450	5	+76.860	6	+75.470
7	+74.990	8	+76.130	9	+75.350
10	+74.880	11	+75.190	12	+77.700
13	+75.170	14	+76.250	15	+77.650
16	+78.780	17	+74.790	18	+75.210
19	+74.670	20	+74.680	21	+74.880
22	+74.850	23	+75.380	24	+76.440
25	+75.780	26	+77.500	27	+74.470
28	+74.700	29	+74.650	30	+74.460
31	+74.280	32	+74.250	33	+74.040
34	+74.250	35	+74.490	36	+74.130
37	+74.070	38	+74.620	39	+74.440
40	+74.260				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+60.730	2	+61.950	3	+59.670
4	+61.660	5	+58.490	6	+56.850
7	+63.980	8	+64.060	9	+62.150
10	+62.340	11	+64.740	12	+61.830
13	+60.510	14	+64.900		

AVERAGE TEMPERATURE = +74.743 DEG. F
AVERAGE PRESSURE = +63.411 PSIA
AVG VAPOR PRESSURE = +0.2662 PSIA
MASS = +951999.06 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : TEST
DATE : 333
TIME : 01:29

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.4119	2	+63.4089

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+75.450	2	+75.260	3	+74.660
4	+74.430	5	+76.850	6	+75.460
7	+75.000	8	+76.170	9	+75.320
10	+74.880	11	+75.190	12	+77.700
13	+75.130	14	+76.250	15	+77.620
16	+78.770	17	+74.750	18	+75.210
19	+74.710	20	+74.660	21	+74.860
22	+74.830	23	+75.460	24	+76.420
25	+75.730	26	+77.470	27	+74.450
28	+74.650	29	+74.700	30	+74.500
31	+74.310	32	+74.230	33	+74.050
34	+74.250	35	+74.460	36	+74.140
37	+74.070	38	+74.620	39	+74.460
40	+74.250				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+60.700	2	+62.020	3	+59.570
4	+61.660	5	+57.980	6	+56.980
7	+64.060	8	+64.090	9	+62.350
10	+62.210	11	+64.750	12	+61.840
13	+60.460	14	+65.030		

AVERAGE TEMPERATURE = +74.741 DEG. F
AVERAGE PRESSURE = +63.410 PSIA
AVG VAPOR PRESSURE = +0.2663 PSIA
MASS = +951984.88 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : TEST
DATE : 333
TIME : 01:44

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.4109	2	+63.4080

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+75.450	2	+75.200	3	+74.640
4	+74.420	5	+76.840	6	+75.440
7	+74.980	8	+76.090	9	+75.280
10	+74.860	11	+75.230	12	+77.700
13	+75.150	14	+76.230	15	+77.610
16	+78.770	17	+74.740	18	+75.200
19	+74.660	20	+74.660	21	+74.880
22	+74.840	23	+75.400	24	+76.420
25	+75.800	26	+77.480	27	+74.440
28	+74.660	29	+74.670	30	+74.470
31	+74.330	32	+74.200	33	+74.060
34	+74.290	35	+74.430	36	+74.130
37	+74.080	38	+74.720	39	+74.440
40	+74.240				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+60.680	2	+62.090	3	+59.540
4	+61.650	5	+58.720	6	+57.140
7	+64.000	8	+64.010	9	+62.330
10	+62.150	11	+64.610	12	+61.750
13	+60.770	14	+65.080		

AVERAGE TEMPERATURE = +74.739 DEG. F
AVERAGE PRESSURE = +63.409 PSIA
AVG VAPOR PRESSURE = +0.2664 PSIA
MASS = +951972.06 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : TEST
DATE : 333
TIME : 01:59

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.4101	2	+63.4072

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+75.420	2	+75.220	3	+74.650
4	+74.400	5	+76.830	6	+75.430
7	+74.990	8	+76.120	9	+75.200
10	+74.880	11	+75.200	12	+77.690
13	+75.150	14	+76.250	15	+77.610
16	+78.760	17	+74.740	18	+75.200
19	+74.650	20	+74.680	21	+74.840
22	+74.850	23	+75.470	24	+76.400
25	+75.760	26	+77.460	27	+74.470
28	+74.650	29	+74.640	30	+74.480
31	+74.270	32	+74.250	33	+74.020
34	+74.230	35	+74.430	36	+74.110
37	+74.060	38	+74.640	39	+74.420
40	+74.230				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+60.620	2	+62.090	3	+59.560
4	+61.630	5	+58.040	6	+57.090
7	+64.000	8	+64.120	9	+62.370
10	+62.160	11	+64.520	12	+61.680
13	+60.690	14	+65.080		

AVERAGE TEMPERATURE = +74.725 DEG. F
AVERAGE PRESSURE = +63.409 PSIA
AVG VAPOR PRESSURE = +0.2661 PSIA
MASS = +951989.31 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : TEST
DATE : 333
TIME : 02:14

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.4093	2	+63.4064

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+75.430	2	+75.210	3	+74.640
4	+74.400	5	+76.820	6	+75.420
7	+74.980	8	+76.010	9	+75.260
10	+74.850	11	+75.200	12	+77.660
13	+75.110	14	+76.230	15	+77.600
16	+78.740	17	+74.700	18	+75.180
19	+74.650	20	+74.650	21	+74.810
22	+74.840	23	+75.370	24	+76.360
25	+75.810	26	+77.450	27	+74.480
28	+74.630	29	+74.660	30	+74.490
31	+74.300	32	+74.250	33	+74.040
34	+74.240	35	+74.450	36	+74.110
37	+74.050	38	+74.700	39	+74.440
40	+74.210				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+60.850	2	+62.060	3	+59.570
4	+61.760	5	+58.390	6	+56.900
7	+64.040	8	+64.180	9	+62.390
10	+62.160	11	+64.650	12	+61.590
13	+60.480	14	+64.880		

AVERAGE TEMPERATURE = +74.727 DEG. F
AVERAGE PRESSURE = +63.408 PSIA
AVG VAPOR PRESSURE = +0.2660 PSIA
MASS = +951975.63 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : TEST
DATE : 333
TIME : 02:29

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.4084	2	+63.4054

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+75.400	2	+75.170	3	+74.630
4	+74.400	5	+76.830	6	+75.410
7	+74.950	8	+76.010	9	+75.250
10	+74.870	11	+75.210	12	+77.660
13	+75.120	14	+76.230	15	+77.580
16	+78.740	17	+74.700	18	+75.180
19	+74.660	20	+74.680	21	+74.800
22	+74.860	23	+75.380	24	+76.380
25	+75.770	26	+77.440	27	+74.460
28	+74.580	29	+74.660	30	+74.480
31	+74.290	32	+74.170	33	+74.050
34	+74.270	35	+74.430	36	+74.110
37	+74.050	38	+74.650	39	+74.450
40	+74.240				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+60.670	2	+62.150	3	+59.490
4	+61.740	5	+58.270	6	+57.240
7	+63.960	8	+64.060	9	+62.510
10	+62.220	11	+64.770	12	+61.790
13	+60.760	14	+65.150		

AVERAGE TEMPERATURE = +74.719 DEG. F
AVERAGE PRESSURE = +63.407 PSIA
AVG VAPOR PRESSURE = +0.2664 PSIA
MASS = +951969.50 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : TEST
DATE : 333
TIME : 02:44

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.4078	2	+63.4046

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+75.390	2	+75.170	3	+74.610
4	+74.390	5	+76.820	6	+75.400
7	+74.930	8	+76.080	9	+75.240
10	+74.860	11	+75.210	12	+77.670
13	+75.130	14	+76.230	15	+77.570
16	+78.740	17	+74.690	18	+75.210
19	+74.660	20	+74.680	21	+74.800
22	+74.850	23	+75.390	24	+76.370
25	+75.760	26	+77.430	27	+74.460
28	+74.580	29	+74.670	30	+74.440
31	+74.270	32	+74.200	33	+74.050
34	+74.250	35	+74.430	36	+74.100
37	+74.040	38	+74.640	39	+74.440
40	+74.230				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+60.570	2	+62.120	3	+59.430
4	+61.720	5	+58.100	6	+57.170
7	+64.000	8	+64.080	9	+62.530
10	+62.250	11	+64.610	12	+61.750
13	+60.750	14	+64.960		

AVERAGE TEMPERATURE = +74.715 DEG. F
AVERAGE PRESSURE = +63.406 PSIA
AVG VAPOR PRESSURE = +0.2662 PSIA
MASS = +951970.13 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : TEST
DATE : 333
TIME : 02:59

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.4062	2	+63.4040

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+75.380	2	+75.170	3	+74.620
4	+74.380	5	+76.780	6	+75.400
7	+74.930	8	+76.010	9	+75.240
10	+74.840	11	+75.200	12	+77.630
13	+75.130	14	+76.210	15	+77.570
16	+78.740	17	+74.710	18	+75.180
19	+74.650	20	+74.660	21	+74.820
22	+74.810	23	+75.400	24	+76.340
25	+75.800	26	+77.430	27	+74.460
28	+74.590	29	+74.650	30	+74.430
31	+74.260	32	+74.210	33	+74.030
34	+74.240	35	+74.440	36	+74.100
37	+74.040	38	+74.640	39	+74.420
40	+74.220				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+60.620	2	+62.170	3	+59.500
4	+61.730	5	+58.320	6	+57.290
7	+64.020	8	+64.100	9	+62.400
10	+62.360	11	+64.830	12	+61.760
13	+60.650	14	+64.950		

AVERAGE TEMPERATURE = +74.708 DEG. F
AVERAGE PRESSURE = +63.405 PSIA
AVG VAPOR PRESSURE = +0.2662 PSIA
MASS = +951966.06 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : TEST
DATE : 333
TIME : 03:14

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.4059	2	+63.4027

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+75.390	2	+75.170	3	+74.600
4	+74.360	5	+76.790	6	+75.390
7	+74.910	8	+76.000	9	+75.240
10	+74.830	11	+75.210	12	+77.660
13	+75.110	14	+76.170	15	+77.550
16	+78.720	17	+74.720	18	+75.180
19	+74.640	20	+74.660	21	+74.810
22	+74.800	23	+75.390	24	+76.340
25	+75.830	26	+77.400	27	+74.440
28	+74.570	29	+74.650	30	+74.430
31	+74.260	32	+74.180	33	+74.040
34	+74.250	35	+74.410	36	+74.090
37	+74.040	38	+74.670	39	+74.420
40	+74.200				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+60.730	2	+62.240	3	+59.480
4	+61.780	5	+58.170	6	+57.160
7	+63.900	8	+64.000	9	+62.630
10	+62.260	11	+64.740	12	+61.840
13	+60.650	14	+65.030		

AVERAGE TEMPERATURE = +74.701 DEG. F
AVERAGE PRESSURE = +63.404 PSIA
AVG VAPOR PRESSURE = +0.2661 PSIA
MASS = +951965.25 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : TEST
DATE : 333
TIME : 03:29

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.4045	2	+63.4014

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+75.370	2	+75.160	3	+74.600
4	+74.360	5	+76.770	6	+75.380
7	+74.940	8	+76.090	9	+75.240
10	+74.820	11	+75.200	12	+77.610
13	+75.120	14	+76.180	15	+77.540
16	+78.710	17	+74.710	18	+75.200
19	+74.660	20	+74.640	21	+74.800
22	+74.810	23	+75.380	24	+76.320
25	+75.770	26	+77.400	27	+74.430
28	+74.560	29	+74.620	30	+74.440
31	+74.270	32	+74.160	33	+74.040
34	+74.240	35	+74.390	36	+74.080
37	+74.030	38	+74.550	39	+74.420
40	+74.210				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+60.710	2	+62.150	3	+59.600
4	+61.680	5	+58.200	6	+57.250
7	+63.980	8	+64.260	9	+62.600
10	+62.350	11	+64.830	12	+61.880
13	+60.620	14	+65.100		

AVERAGE TEMPERATURE = +74.691 DEG. F
AVERAGE PRESSURE = +63.403 PSIA
AVG VAPOR PRESSURE = +0.2663 PSIA
MASS = +951962.31 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : TEST
DATE : 333
TIME : 03:44

Pressure Instruments in PSIA

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channel	pressure	channel	pressure
1	+63.4037	2	+63.4007

RTDs in degrees F

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channel	temp.	channel	temp.	channel	temp.
1	+75.350	2	+75.150	3	+74.560
4	+74.350	5	+76.780	6	+75.380
7	+74.910	8	+75.980	9	+75.240
10	+74.820	11	+75.210	12	+77.610
13	+75.120	14	+76.190	15	+77.540
16	+78.720	17	+74.700	18	+75.190
19	+74.660	20	+74.650	21	+74.780
22	+74.820	23	+75.420	24	+76.290
25	+75.850	26	+77.400	27	+74.430
28	+74.560	29	+74.650	30	+74.410
31	+74.250	32	+74.160	33	+74.020
34	+74.230	35	+74.410	36	+74.080
37	+74.030	38	+74.650	39	+74.410
40	+74.190				

Relative humidity in percent

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channel	%RH	channel	%RH	channel	%RH
1	+60.690	2	+62.230	3	+59.600
4	+61.660	5	+58.140	6	+57.280
7	+63.930	8	+64.230	9	+62.520
10	+62.250	11	+64.850	12	+61.660
13	+60.820	14	+65.020		

AVERAGE TEMPERATURE = +74.692 DEG. F
AVERAGE PRESSURE = +63.402 PSIA
AVG VAPOR PRESSURE = +0.2662 PSIA
MASS = +951951.06 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : TEST
DATE : 333
TIME : 03:59

Pressure Instruments in PSIA

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channel	pressure	channel	pressure
1	+63.4026	2	+63.4001

RTDs in degrees F

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channel	temp.	channel	temp.	channel	temp.
1	+75.330	2	+75.140	3	+74.570
4	+74.340	5	+76.760	6	+75.360
7	+74.900	8	+76.020	9	+75.250
10	+74.810	11	+75.180	12	+77.600
13	+75.120	14	+76.170	15	+77.510
16	+78.690	17	+74.680	18	+75.170
19	+74.660	20	+74.620	21	+74.770
22	+74.830	23	+75.340	24	+76.300
25	+75.780	26	+77.380	27	+74.430
28	+74.560	29	+74.640	30	+74.410
31	+74.250	32	+74.180	33	+74.010
34	+74.230	35	+74.420	36	+74.080
37	+74.010	38	+74.620	39	+74.390
40	+74.180				

Relative humidity in percent

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channel	%RH	channel	%RH	channel	%RH
1	+60.640	2	+62.230	3	+59.470
4	+61.800	5	+58.600	6	+57.280
7	+63.990	8	+64.160	9	+62.400
10	+62.210	11	+64.800	12	+61.850
13	+60.810	14	+64.980		

AVERAGE TEMPERATURE = +74.684 DEG. F
AVERAGE PRESSURE = +63.401 PSIA
AVG VAPOR PRESSURE = +0.2661 PSIA
MASS = +951952.94 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : TEST
DATE : 333
TIME : 04:14

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.4017	2	+63.3990

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+75.330	2	+75.130	3	+74.580
4	+74.340	5	+76.740	6	+75.360
7	+74.890	8	+76.030	9	+75.160
10	+74.800	11	+75.170	12	+77.620
13	+75.110	14	+76.160	15	+77.500
16	+78.700	17	+74.680	18	+75.160
19	+74.640	20	+74.650	21	+74.780
22	+74.810	23	+75.360	24	+76.340
25	+75.760	26	+77.360	27	+74.410
28	+74.530	29	+74.630	30	+74.380
31	+74.230	32	+74.120	33	+74.060
34	+74.300	35	+74.370	36	+74.060
37	+74.000	38	+74.620	39	+74.410
40	+74.190				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+60.680	2	+62.220	3	+59.550
4	+61.760	5	+58.370	6	+57.330
7	+63.880	8	+64.020	9	+62.590
10	+62.460	11	+64.490	12	+61.860
13	+61.000	14	+64.990		

AVERAGE TEMPERATURE = +74.677 DEG. F
AVERAGE PRESSURE = +63.400 PSIA
AVG VAPOR PRESSURE = +0.2661 PSIA
MASS = +951948.56 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : TEST
DATE : 333
TIME : 04:29

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.4009	2	+63.3972

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+75.340	2	+75.110	3	+74.540
4	+74.330	5	+76.740	6	+75.360
7	+74.900	8	+76.000	9	+75.200
10	+74.790	11	+75.170	12	+77.610
13	+75.110	14	+76.150	15	+77.480
16	+78.690	17	+74.680	18	+75.200
19	+74.690	20	+74.640	21	+74.770
22	+74.820	23	+75.320	24	+76.300
25	+75.780	26	+77.390	27	+74.410
28	+74.530	29	+74.610	30	+74.350
31	+74.240	32	+74.170	33	+74.010
34	+74.230	35	+74.370	36	+74.040
37	+74.000	38	+74.660	39	+74.380
40	+74.180				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+60.740	2	+62.290	3	+59.480
4	+61.700	5	+58.230	6	+57.140
7	+63.900	8	+64.010	9	+62.730
10	+62.380	11	+64.690	12	+61.850
13	+60.930	14	+65.090		

AVERAGE TEMPERATURE = +74.672 DEG. F
AVERAGE PRESSURE = +63.399 PSIA
AVG VAPOR PRESSURE = +0.2662 PSIA
MASS = +951937.31 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : TEST
DATE : 333
TIME : 04:44

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.3998	2	+63.3972

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+75.340	2	+75.110	3	+74.540
4	+74.340	5	+76.710	6	+75.350
7	+74.900	8	+76.160	9	+75.240
10	+74.770	11	+75.120	12	+77.590
13	+75.100	14	+76.120	15	+77.480
16	+78.700	17	+74.700	18	+75.150
19	+74.630	20	+74.610	21	+74.800
22	+74.800	23	+75.290	24	+76.410
25	+75.660	26	+77.370	27	+74.380
28	+74.590	29	+74.600	30	+74.420
31	+74.250	32	+74.190	33	+74.000
34	+74.210	35	+74.420	36	+74.060
37	+74.020	38	+74.630	39	+74.390
40	+74.200				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+60.690	2	+62.220	3	+59.640
4	+61.640	5	+58.350	6	+57.070
7	+64.060	8	+63.990	9	+62.520
10	+62.320	11	+64.700	12	+61.890
13	+60.800	14	+65.040		

AVERAGE TEMPERATURE = +74.678 DEG. F
AVERAGE PRESSURE = +63.398 PSIA
AVG VAPOR PRESSURE = +0.2661 PSIA
MASS = +951919.44 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : TEST
DATE : 333
TIME : 04:59

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.3991	2	+63.3962

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+75.400	2	+75.120	3	+74.510
4	+74.340	5	+76.700	6	+75.360
7	+74.900	8	+76.230	9	+75.210
10	+74.770	11	+75.140	12	+77.600
13	+75.120	14	+76.070	15	+77.470
16	+78.680	17	+74.710	18	+75.130
19	+74.620	20	+74.630	21	+74.810
22	+74.830	23	+75.300	24	+76.280
25	+75.650	26	+77.370	27	+74.340
28	+74.590	29	+74.560	30	+74.370
31	+74.210	32	+74.200	33	+73.980
34	+74.180	35	+74.450	36	+74.050
37	+74.000	38	+74.570	39	+74.380
40	+74.190				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+60.640	2	+62.190	3	+60.080
4	+61.540	5	+59.560	6	+56.900
7	+63.970	8	+64.350	9	+62.390
10	+62.420	11	+64.860	12	+61.840
13	+60.660	14	+64.740		

AVERAGE TEMPERATURE = +74.665 DEG. F
AVERAGE PRESSURE = +63.398 PSIA
AVG VAPOR PRESSURE = +0.2661 PSIA
MASS = +951930.81 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : TEST
DATE : 333
TIME : 05:14

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.3977	2	+63.3950

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+75.410	2	+75.160	3	+74.470
4	+74.340	5	+76.690	6	+75.370
7	+74.880	8	+76.200	9	+75.290
10	+74.770	11	+75.120	12	+77.640
13	+75.110	14	+76.050	15	+77.450
16	+78.670	17	+74.710	18	+75.100
19	+74.630	20	+74.590	21	+74.790
22	+74.770	23	+75.290	24	+76.350
25	+75.600	26	+77.360	27	+74.410
28	+74.620	29	+74.570	30	+74.380
31	+74.210	32	+74.180	33	+73.990
34	+74.180	35	+74.420	36	+74.050
37	+74.010	38	+74.510	39	+74.360
40	+74.140				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+60.820	2	+62.130	3	+60.160
4	+61.520	5	+58.210	6	+56.990
7	+63.990	8	+64.010	9	+62.200
10	+62.420	11	+64.780	12	+61.850
13	+60.370	14	+64.880		

AVERAGE TEMPERATURE = +74.659 DEG. F
AVERAGE PRESSURE = +63.396 PSIA
AVG VAPOR PRESSURE = +0.2655 PSIA
MASS = +951931.56 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : TEST
DATE : 333
TIME : 05:29

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.3974	2	+63.3943

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+75.360	2	+75.080	3	+74.520
4	+74.320	5	+76.690	6	+75.340
7	+74.870	8	+76.090	9	+75.210
10	+74.750	11	+75.120	12	+77.620
13	+75.080	14	+76.090	15	+77.430
16	+78.660	17	+74.660	18	+75.130
19	+74.610	20	+74.590	21	+74.750
22	+74.750	23	+75.320	24	+76.350
25	+75.690	26	+77.330	27	+74.410
28	+74.520	29	+74.580	30	+74.410
31	+74.210	32	+74.150	33	+74.000
34	+74.220	35	+74.370	36	+74.050
37	+73.990	38	+74.680	39	+74.390
40	+74.170				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+60.730	2	+62.190	3	+59.870
4	+61.630	5	+58.030	6	+56.960
7	+64.080	8	+64.120	9	+62.500
10	+62.410	11	+64.700	12	+61.800
13	+60.700	14	+64.810		

AVERAGE TEMPERATURE = +74.660 DEG. F
AVERAGE PRESSURE = +63.396 PSIA
AVG VAPOR PRESSURE = +0.2658 PSIA
MASS = +951916.50 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : TEST
DATE : 333
TIME : 05:44

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.3963	2	+63.3932

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+75.290	2	+75.100	3	+74.530
4	+74.310	5	+76.680	6	+75.320
7	+74.870	8	+75.950	9	+75.170
10	+74.750	11	+75.110	12	+77.620
13	+75.090	14	+76.100	15	+77.420
16	+[illegible]8.660	17	+74.630	18	+75.150
19	+74.670	20	+74.620	21	+74.720
22	+74.810	23	+75.320	24	+76.270
25	+75.750	26	+77.330	27	+74.410
28	+74.520	29	+74.610	30	+74.370
31	+74.200	32	+74.090	33	+74.040
34	+74.270	35	+74.340	36	+74.040
37	+73.980	38	+74.660	39	+74.360
40	+74.160				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+60.730	2	+62.310	3	+59.690
4	+61.760	5	+58.360	6	+57.230
7	+63.910	8	+64.240	9	+62.520
10	+62.480	11	+64.720	12	+61.780
13	+61.110	14	+65.180		

AVERAGE TEMPERATURE = +74.655 DEG. F
AVERAGE PRESSURE = +63.395 PSIA
AVG VAPOR PRESSURE = +0.2663 PSIA
MASS = +951900.75 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : TEST
DATE : 333
TIME : 05:59

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.3956	2	+63.3930

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+75.310	2	+75.070	3	+74.480
4	+74.310	5	+76.690	6	+75.330
7	+74.840	8	+76.070	9	+75.220
10	+74.750	11	+75.130	12	+77.600
13	+75.110	14	+76.090	15	+77.400
16	+78.660	17	+74.650	18	+75.150
19	+74.630	20	+74.630	21	+74.750
22	+74.810	23	+75.310	24	+76.240
25	+75.680	26	+77.350	27	+74.350
28	+74.510	29	+74.580	30	+74.320
31	+74.200	32	+74.150	33	+73.980
34	+74.200	35	+74.380	36	+74.030
37	+73.970	38	+74.680	39	+74.370
40	+74.170				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+60.750	2	+62.350	3	+59.780
4	+61.500	5	+58.320	6	+57.280
7	+63.860	8	+64.070	9	+62.600
10	+62.470	11	+64.770	12	+61.700
13	+60.940	14	+64.810		

AVERAGE TEMPERATURE = +74.649 DEG. F
AVERAGE PRESSURE = +63.394 PSIA
AVG VAPOR PRESSURE = +0.2659 PSIA
MASS = +951911.69 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : TEST
DATE : 333
TIME : 06:14

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.3944	2	+63.3911

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+75.370	2	+75.130	3	+74.430
4	+74.310	5	+76.660	6	+75.340
7	+74.860	8	+76.160	9	+75.240
10	+74.750	11	+75.120	12	+77.600
13	+75.120	14	+76.010	15	+77.400
16	+78.650	17	+74.710	18	+75.080
19	+74.610	20	+74.610	21	+74.780
22	+74.790	23	+75.280	24	+76.260
25	+75.570	26	+77.330	27	+74.330
28	+74.610	29	+74.530	30	+74.300
31	+74.180	32	+74.150	33	+73.960
34	+74.150	35	+74.400	36	+74.040
37	+73.980	38	+74.560	39	+74.350
40	+74.160				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+60.730	2	+62.200	3	+60.160
4	+61.410	5	+58.470	6	+57.090
7	+63.950	8	+64.370	9	+62.230
10	+62.530	11	+64.940	12	+61.780
13	+60.680	14	+64.810		

AVERAGE TEMPERATURE = +74.638 DEG. F
AVERAGE PRESSURE = +63.393 PSIA
AVG VAPOR PRESSURE = +0.2657 PSIA
MASS = +951910.31 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : TEST
DATE : 333
TIME : 06:29

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.3936	2	+63.3903

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+75.370	2	+75.130	3	+74.410
4	+74.320	5	+76.660	6	+75.340
7	+74.860	8	+76.200	9	+75.270
10	+74.710	11	+75.130	12	+77.550
13	+75.090	14	+75.940	15	+77.390
16	+78.640	17	+74.710	18	+75.060
19	+74.630	20	+74.590	21	+74.770
22	+74.720	23	+75.270	24	+76.070
25	+75.540	26	+77.310	27	+74.310
28	+74.590	29	+74.490	30	+74.350
31	+74.180	32	+74.150	33	+73.970
34	+74.170	35	+74.390	36	+74.030
37	+73.990	38	+74.460	39	+74.350
40	+74.110				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+60.970	2	+62.210	3	+60.150
4	+61.430	5	+58.810	6	+57.040
7	+64.040	8	+64.160	9	+62.310
10	+62.650	11	+64.890	12	+61.940
13	+60.400	14	+64.890		

AVERAGE TEMPERATURE = +74.623 DEG. F
AVERAGE PRESSURE = +63.392 PSIA
AVG VAPOR PRESSURE = +0.2655 PSIA
MASS = +951927.44 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : TEST
DATE : 333
TIME : 06:44

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.3927	2	+63.3900

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+75.360	2	+75.110	3	+74.470
4	+74.290	5	+76.660	6	+75.330
7	+74.840	8	+75.990	9	+75.170
10	+74.710	11	+75.090	12	+77.540
13	+75.050	14	+76.030	15	+77.380
16	+78.630	17	+74.640	18	+75.100
19	+74.580	20	+74.570	21	+74.740
22	+74.720	23	+75.240	24	+76.250
25	+75.680	26	+77.280	27	+74.350
28	+74.530	29	+74.500	30	+74.390
31	+74.190	32	+74.120	33	+73.960
34	+74.160	35	+74.370	36	+74.030
37	+73.970	38	+74.650	39	+74.360
40	+74.140				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+60.970	2	+62.150	3	+59.990
4	+61.510	5	+58.550	6	+57.060
7	+64.070	8	+64.310	9	+62.520
10	+62.440	11	+64.890	12	+61.750
13	+60.370	14	+65.050		

AVERAGE TEMPERATURE = +74.629 DEG. F
AVERAGE PRESSURE = +63.391 PSIA
AVG VAPOR PRESSURE = +0.2657 PSIA
MASS = +951905.06 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : TEST
DATE : 333
TIME : 06:59

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.3921	2	+63.3886

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+75.300	2	+75.060	3	+74.450
4	+74.270	5	+76.640	6	+75.300
7	+74.840	8	+76.060	9	+75.170
10	+74.720	11	+75.110	12	+77.540
13	+75.050	14	+76.040	15	+77.360
16	+78.630	17	+74.650	18	+75.120
19	+74.600	20	+74.610	21	+74.720
22	+74.730	23	+75.290	24	+76.320
25	+75.640	26	+77.260	27	+74.410
28	+74.490	29	+74.540	30	+74.360
31	+74.210	32	+74.110	33	+74.000
34	+74.210	35	+74.340	36	+74.020
37	+73.950	38	+74.660	39	+74.360
40	+74.140				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+60.810	2	+62.310	3	+60.050
4	+61.630	5	+58.200	6	+57.300
7	+64.100	8	+64.120	9	+62.680
10	+62.460	11	+64.710	12	+61.700
13	+60.740	14	+65.020		

AVERAGE TEMPERATURE = +74.634 DEG. F
AVERAGE PRESSURE = +63.390 PSIA
AVG VAPOR PRESSURE = +0.2659 PSIA
MASS = +951879.50 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : TEST
DATE : 333
TIME : 07:14

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.3911	2	+63.3887

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+75.270	2	+75.010	3	+74.480
4	+74.270	5	+76.640	6	+75.300
7	+74.810	8	+75.930	9	+75.140
10	+74.690	11	+75.110	12	+77.560
13	+75.060	14	+76.030	15	+77.350
16	+78.630	17	+74.630	18	+75.150
19	+74.630	20	+74.590	21	+74.710
22	+74.770	23	+75.290	24	+76.200
25	+75.700	26	+77.250	27	+74.340
28	+74.490	29	+74.530	30	+74.360
31	+74.190	32	+74.120	33	+73.980
34	+74.190	35	+74.330	36	+74.020
37	+73.960	38	+74.590	39	+74.350
40	+74.150				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+60.780	2	+62.380	3	+59.900
4	+61.680	5	+58.210	6	+57.280
7	+63.990	8	+64.330	9	+62.650
10	+62.420	11	+64.760	12	+61.870
13	+60.730	14	+65.020		

AVERAGE TEMPERATURE = +74.622 DEG. F
AVERAGE PRESSURE = +63.390 PSIA
AVG VAPOR PRESSURE = +0.2659 PSIA
MASS = +951893.44 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : TEST
DATE : 333
TIME : 07:29

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.3901	2	+63.3873

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+75.300	2	+75.010	3	+74.450
4	+74.270	5	+76.630	6	+75.290
7	+74.790	8	+76.130	9	+75.190
10	+74.690	11	+75.110	12	+77.540
13	+75.100	14	+75.980	15	+77.360
16	+78.620	17	+74.640	18	+75.110
19	+74.590	20	+74.610	21	+74.730
22	+74.760	23	+75.250	24	+76.230
25	+75.540	26	+77.250	27	+74.330
28	+74.530	29	+74.560	30	+74.360
31	+74.160	32	+74.150	33	+73.940
34	+74.120	35	+74.360	36	+74.000
37	+73.960	38	+74.550	39	+74.330
40	+74.160				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+60.690	2	+62.340	3	+60.150
4	+61.540	5	+58.840	6	+57.180
7	+64.020	8	+64.580	9	+62.560
10	+62.460	11	+64.850	12	+61.850
13	+60.680	14	+64.920		

AVERAGE TEMPERATURE = +74.618 DEG. F
AVERAGE PRESSURE = +63.389 PSIA
AVG VAPOR PRESSURE = +0.2659 PSIA
MASS = +951881.13 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : TEST
DATE : 333
TIME : 07:44

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.3893	2	+63.3860

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+75.340	2	+75.060	3	+74.410
4	+74.280	5	+76.600	6	+75.290
7	+74.820	8	+76.180	9	+75.250
10	+74.680	11	+75.110	12	+77.520
13	+75.090	14	+75.940	15	+77.340
16	+78.610	17	+74.650	18	+75.060
19	+74.580	20	+74.580	21	+74.730
22	+74.730	23	+75.240	24	+76.310
25	+75.490	26	+77.250	27	+74.310
28	+74.550	29	+74.510	30	+74.310
31	+74.140	32	+74.140	33	+73.940
34	+74.120	35	+74.390	36	+73.990
37	+73.950	38	+74.520	39	+74.320
40	+74.130				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+60.690	2	+62.230	3	+60.410
4	+61.510	5	+58.760	6	+57.100
7	+63.920	8	+64.370	9	+62.360
10	+62.420	11	+64.920	12	+61.850
13	+60.460	14	+64.540		

AVERAGE TEMPERATURE = +74.607 DEG. F
AVERAGE PRESSURE = +63.388 PSIA
AVG VAPOR PRESSURE = +0.2653 PSIA
MASS = +951895.00 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : EST
DATE : 3
TIME : 59

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.3883	2	+63.3853

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+75.360	2	+75.080	3	+74.390
4	+74.270	5	+76.590	6	+75.300
7	+74.790	8	+76.160	9	+75.220
10	+74.690	11	+75.110	12	+77.500
13	+75.060	14	+75.930	15	+77.320
16	+78.610	17	+74.650	18	+75.080
19	+74.610	20	+74.580	21	+74.740
22	+74.750	23	+75.230	24	+76.230
25	+75.490	26	+77.260	27	+74.310
28	+74.560	29	+74.500	30	+74.280
31	+74.150	32	+74.110	33	+73.950
34	+74.130	35	+74.380	36	+74.000
37	+73.940	38	+74.500	39	+74.300
40	+74.110				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+60.850	2	+62.260	3	+60.250
4	+61.460	5	+58.700	6	+57.170
7	+63.990	8	+64.060	9	+62.320
10	+62.340	11	+65.010	12	+61.780
13	+60.470	14	+64.650		

AVERAGE TEMPERATURE = +74.602 DEG. F
AVERAGE PRESSURE = +63.387 PSIA
AVG VAPOR PRESSURE = +0.2652 PSIA
MASS = +951893.31 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : TEST
DATE : 333
TIME : 08:14

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.3877	2	+63.3847

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+75.350	2	+75.090	3	+74.400
4	+74.270	5	+76.570	6	+75.290
7	+74.800	8	+76.150	9	+75.190
10	+74.680	11	+75.070	12	+77.510
13	+75.060	14	+75.920	15	+77.300
16	+78.600	17	+74.640	18	+75.050
19	+74.540	20	+74.560	21	+74.710
22	+74.740	23	+75.210	24	+76.060
25	+75.470	26	+77.240	27	+74.300
28	+74.550	29	+74.500	30	+74.350
31	+74.140	32	+74.120	33	+73.920
34	+74.110	35	+74.380	36	+74.000
37	+73.940	38	+74.510	39	+74.300
40	+74.120				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+60.910	2	+62.270	3	+60.390
4	+61.490	5	+58.580	6	+57.150
7	+64.040	8	+64.140	9	+62.350
10	+62.500	11	+65.000	12	+61.870
13	+60.420	14	+64.810		

AVERAGE TEMPERATURE = +74.597 DEG. F
AVERAGE PRESSURE = +63.386 PSIA
AVG VAPOR PRESSURE = +0.2654 PSIA
MASS = +951889.81 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : TEST
DATE : 333
TIME : 08:29

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.3869	2	+63.3839

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+75.320	2	+75.060	3	+74.390
4	+74.260	5	+76.590	6	+75.280
7	+74.810	8	+76.120	9	+75.220
10	+74.650	11	+75.080	12	+77.530
13	+75.030	14	+75.960	15	+77.300
16	+78.600	17	+74.630	18	+75.040
19	+74.540	20	+74.570	21	+74.700
22	+74.720	23	+75.260	24	+76.290
25	+75.490	26	+77.230	27	+74.350
28	+74.520	29	+74.520	30	+74.350
31	+74.170	32	+74.070	33	+73.940
34	+74.170	35	+74.340	36	+74.000
37	+73.940	38	+74.580	39	+74.330
40	+74.120				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+60.850	2	+62.280	3	+60.350
4	+61.470	5	+58.250	6	+57.180
7	+64.120	8	+64.470	9	+62.540
10	+62.410	11	+64.880	12	+61.940
13	+60.690	14	+65.080		

AVERAGE TEMPERATURE = +74.605 DEG. F
AVERAGE PRESSURE = +63.385 PSIA
AVG VAPOR PRESSURE = +0.2658 PSIA
MASS = +951856.88 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : TEST
DATE : 333
TIME : 08:44

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.3858	2	+63.3825

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+75.260	2	+75.030	3	+74.410
4	+74.250	5	+76.580	6	+75.260
7	+74.780	8	+76.050	9	+75.110
10	+74.660	11	+75.100	12	+77.510
13	+75.040	14	+75.980	15	+77.310
16	+78.580	17	+74.600	18	+75.110
19	+74.560	20	+74.580	21	+74.660
22	+74.740	23	+75.300	24	+76.270
25	+75.530	26	+77.210	27	+74.340
28	+74.480	29	+74.560	30	+74.350
31	+74.150	32	+74.110	33	+73.930
34	+74.130	35	+74.300	36	+74.000
37	+73.930	38	+74.580	39	+74.320
40	+74.100				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+60.800	2	+62.360	3	+60.220
4	+61.560	5	+58.260	6	+57.120
7	+64.100	8	+64.370	9	+62.600
10	+62.410	11	+64.810	12	+61.810
13	+60.720	14	+64.990		

AVERAGE TEMPERATURE = +74.598 DEG. F
AVERAGE PRESSURE = +63.384 PSIA
AVG VAPOR PRESSURE = +0.2657 PSIA
MASS = +951853.06 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : TEST
DATE : 333
TIME : 08:59

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.3850	2	+63.3815

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+75.280	2	+75.000	3	+74.370
4	+74.240	5	+76.570	6	+75.250
7	+74.790	8	+76.090	9	+75.190
10	+74.650	11	+75.100	12	+77.510
13	+75.040	14	+75.950	15	+77.280
16	+78.590	17	+74.630	18	+75.070
19	+74.570	20	+74.550	21	+74.680
22	+74.690	23	+75.290	24	+76.050
25	+75.520	26	+77.220	27	+74.280
28	+74.530	29	+74.490	30	+74.340
31	+74.150	32	+74.120	33	+73.930
34	+74.130	35	+74.340	36	+73.980
37	+73.930	38	+74.560	39	+74.330
40	+74.110				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+60.700	2	+62.310	3	+60.380
4	+61.550	5	+58.330	6	+57.170
7	+64.140	8	+64.660	9	+62.490
10	+62.370	11	+64.940	12	+61.900
13	+60.520	14	+64.790		

AVERAGE TEMPERATURE = +74.591 DEG. F
AVERAGE PRESSURE = +63.383 PSIA
AVG VAPOR PRESSURE = +0.2655 PSIA
MASS = +951852.94 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : TEST
DATE : 333
TIME : 09:14

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.3836	2	+63.3805

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+75.320	2	+75.030	3	+74.340
4	+74.260	5	+76.550	6	+75.260
7	+74.780	8	+76.120	9	+75.150
10	+74.610	11	+75.080	12	+77.470
13	+75.020	14	+75.890	15	+77.280
16	+78.570	17	+74.620	18	+75.040
19	+74.550	20	+74.520	21	+74.680
22	+74.700	23	+75.210	24	+76.270
25	+75.450	26	+77.220	27	+74.260
28	+74.520	29	+74.460	30	+74.340
31	+74.140	32	+74.090	33	+73.930
34	+74.110	35	+74.350	36	+73.980
37	+73.930	38	+74.500	39	+74.320
40	+74.110				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+60.830	2	+62.260	3	+60.340
4	+61.540	5	+58.510	6	+57.110
7	+64.170	8	+64.420	9	+62.420
10	+62.590	11	+64.730	12	+61.890
13	+60.390	14	+64.590		

AVERAGE TEMPERATURE = +74.580 DEG. F
AVERAGE PRESSURE = +63.382 PSIA
AVG VAPOR PRESSURE = +0.2652 PSIA
MASS = +951861.38 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : TEST
DATE : 333
TIME : 09:29

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.3827	2	+63.3794

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+75.300	2	+75.040	3	+74.360
4	+74.260	5	+76.550	6	+75.260
7	+74.790	8	+76.110	9	+75.170
10	+74.640	11	+75.040	12	+77.510
13	+75.040	14	+75.890	15	+77.260
16	+78.560	17	+74.630	18	+75.050
19	+74.540	20	+74.550	21	+74.690
22	+74.700	23	+75.210	24	+76.210
25	+75.460	26	+77.200	27	+74.270
28	+74.480	29	+74.480	30	+74.320
31	+74.140	32	+74.090	33	+73.920
34	+74.110	35	+74.320	36	+73.980
37	+73.910	38	+74.520	39	+74.310
40	+74.110				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+60.910	2	+62.310	3	+60.430
4	+61.470	5	+58.360	6	+57.100
7	+64.110	8	+64.410	9	+62.560
10	+62.530	11	+64.960	12	+61.750
13	+60.540	14	+64.920		

AVERAGE TEMPERATURE = +74.577 DEG. F
AVERAGE PRESSURE = +63.381 PSIA
AVG VAPOR PRESSURE = +0.2655 PSIA
MASS = +951846.00 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : TEST
DATE : 333
TIME : 09:44

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.3813	2	+63.3782

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+75.280	2	+75.060	3	+74.330
4	+74.260	5	+76.530	6	+75.250
7	+74.780	8	+76.120	9	+75.190
10	+74.560	11	+75.100	12	+77.490
13	+75.040	14	+75.870	15	+77.260
16	+78.550	17	+74.640	18	+75.030
19	+74.580	20	+74.540	21	+74.700
22	+74.740	23	+75.210	24	+76.190
25	+75.450	26	+77.170	27	+74.230
28	+74.480	29	+74.430	30	+74.260
31	+74.130	32	+74.110	33	+73.920
34	+74.100	35	+74.350	36	+73.950
37	+73.910	38	+74.440	39	+74.280
40	+74.100				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+60.930	2	+62.300	3	+60.430
4	+61.370	5	+58.610	6	+57.130
7	+64.020	8	+64.310	9	+62.520
10	+62.600	11	+65.090	12	+61.910
13	+60.430	14	+64.750		

AVERAGE TEMPERATURE = +74.563 DEG. F
AVERAGE PRESSURE = +63.380 PSIA
AVG VAPOR PRESSURE = +0.2653 PSIA
MASS = +951854.38 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : TEST
DATE : 333
TIME : 09:59

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.3803	2	+63.3770

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+75.310	2	+75.050	3	+74.360
4	+74.250	5	+76.520	6	+75.250
7	+74.780	8	+76.090	9	+75.120
10	+74.600	11	+75.090	12	+77.500
13	+75.030	14	+75.840	15	+77.220
16	+78.540	17	+74.610	18	+75.030
19	+74.560	20	+74.520	21	+74.690
22	+74.700	23	+75.220	24	+76.110
25	+75.420	26	+77.160	27	+74.250
28	+74.510	29	+74.450	30	+74.280
31	+74.080	32	+74.070	33	+73.880
34	+74.080	35	+74.340	36	+73.950
37	+73.900	38	+74.520	39	+74.270
40	+74.080				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+60.930	2	+62.390	3	+60.420
4	+61.360	5	+58.740	6	+57.080
7	+64.170	8	+64.360	9	+62.560
10	+62.620	11	+64.990	12	+61.920
13	+60.820	14	+64.590		

AVERAGE TEMPERATURE = +74.559 DEG. F
AVERAGE PRESSURE = +63.379 PSIA
AVG VAPOR PRESSURE = +0.2654 PSIA
MASS = +951841.88 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : TEST
DATE : 333
TIME : 10:14

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.3793	2	+63.3757

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+75.280	2	+75.050	3	+74.330
4	+74.250	5	+76.500	6	+75.250
7	+74.780	8	+76.100	9	+75.200
10	+74.570	11	+75.080	12	+77.490
13	+75.030	14	+75.820	15	+77.200
16	+78.550	17	+74.610	18	+74.990
19	+74.530	20	+74.530	21	+74.680
22	+74.690	23	+75.210	24	+76.200
25	+75.420	26	+77.160	27	+74.240
28	+74.490	29	+74.450	30	+74.210
31	+74.090	32	+74.090	33	+73.910
34	+74.100	35	+74.330	36	+73.950
37	+73.890	38	+74.470	39	+74.270
40	+74.080				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+61.060	2	+62.340	3	+60.580
4	+61.560	5	+58.760	6	+57.190
7	+64.020	8	+64.310	9	+62.390
10	+62.660	11	+65.070	12	+61.880
13	+60.450	14	+64.790		

AVERAGE TEMPERATURE = +74.552 DEG. F
AVERAGE PRESSURE = +63.378 PSIA
AVG VAPOR PRESSURE = +0.2652 PSIA
MASS = +951841.13 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : TEST
DATE : 333
TIME : 10:29

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.3779	2	+63.3749

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+75.290	2	+75.040	3	+74.350
4	+74.240	5	+76.490	6	+75.240
7	+74.760	8	+76.010	9	+75.180
10	+74.550	11	+75.060	12	+77.490
13	+75.030	14	+75.830	15	+77.190
16	+78.520	17	+74.600	18	+75.030
19	+74.550	20	+74.520	21	+74.670
22	+74.690	23	+75.160	24	+76.270
25	+75.510	26	+77.170	27	+74.270
28	+74.430	29	+74.440	30	+74.240
31	+74.110	32	+74.050	33	+73.880
34	+74.070	35	+74.300	36	+73.930
37	+73.880	38	+74.540	39	+74.280
40	+74.050				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+60.910	2	+62.340	3	+60.530
4	+61.390	5	+58.800	6	+57.230
7	+64.100	8	+64.610	9	+62.700
10	+62.620	11	+65.020	12	+61.840
13	+60.580	14	+64.990		

AVERAGE TEMPERATURE = +74.548 DEG. F
AVERAGE PRESSURE = +63.376 PSIA
AVG VAPOR PRESSURE = +0.2656 PSIA
MASS = +951827.56 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : TEST
DATE : 333
TIME : 10:44

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.3776	2	+63.3746

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+75.280	2	+75.010	3	+74.340
4	+74.220	5	+76.510	6	+75.220
7	+74.760	8	+76.010	9	+75.140
10	+74.590	11	+75.040	12	+77.450
13	+75.000	14	+75.870	15	+77.200
16	+78.530	17	+74.580	18	+75.030
19	+74.500	20	+74.530	21	+74.650
22	+74.660	23	+75.160	24	+76.200
25	+75.520	26	+77.160	27	+74.280
28	+74.430	29	+74.430	30	+74.250
31	+74.100	32	+74.040	33	+73.880
34	+74.090	35	+74.300	36	+73.930
37	+73.890	38	+74.500	39	+74.250
40	+74.060				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+60.880	2	+62.440	3	+60.430
4	+61.510	5	+58.450	6	+57.230
7	+64.140	8	+64.430	9	+62.610
10	+62.560	11	+64.990	12	+61.960
13	+60.780	14	+64.880		

AVERAGE TEMPERATURE = +74.541 DEG. F
AVERAGE PRESSURE = +63.376 PSIA
AVG VAPOR PRESSURE = +0.2654 PSIA
MASS = +951837.19 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : TEST
DATE : 333
TIME : 10:59

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.3770	2	+63.3738

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+75.260	2	+75.000	3	+74.320
4	+74.220	5	+76.480	6	+75.210
7	+74.760	8	+76.060	9	+75.140
10	+74.580	11	+75.040	12	+77.480
13	+75.040	14	+75.830	15	+77.210
16	+78.530	17	+74.600	18	+75.010
19	+74.510	20	+74.570	21	+74.650
22	+74.710	23	+75.180	24	+76.230
25	+75.430	26	+77.150	27	+74.230
28	+74.480	29	+74.430	30	+74.230
31	+74.090	32	+74.070	33	+73.880
34	+74.070	35	+74.290	36	+73.930
37	+73.880	38	+74.500	39	+74.260
40	+74.070				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+60.820	2	+62.440	3	+60.570
4	+61.490	5	+58.380	6	+57.300
7	+63.940	8	+64.380	9	+62.570
10	+62.660	11	+64.990	12	+61.920
13	+60.820	14	+64.880		

AVERAGE TEMPERATURE = +74.542 DEG. F
AVERAGE PRESSURE = +63.375 PSIA
AVG VAPOR PRESSURE = +0.2654 PSIA
MASS = +951824.00 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : TEST
DATE : 333
TIME. : 11:14

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.3754	2	+63.3720

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+75.260	2	+75.000	3	+74.310
4	+74.230	5	+76.470	6	+75.230
7	+74.760	8	+76.090	9	+75.140
10	+74.540	11	+75.040	12	+77.400
13	+75.020	14	+75.800	15	+77.190
16	+78.510	17	+74.600	18	+74.990
19	+74.500	20	+74.520	21	+74.650
22	+74.670	23	+75.170	24	+76.190
25	+75.390	26	+77.130	27	+74.220
28	+74.470	29	+74.430	30	+74.270
31	+74.090	32	+74.040	33	+73.870
34	+74.060	35	+74.280	36	+73.920
37	+73.860	38	+74.480	39	+74.270
40	+74.030				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+60.950	2	+62.380	3	+60.580
4	+61.510	5	+58.660	6	+57.100
7	+64.120	8	+64.250	9	+62.350
10	+62.610	11	+65.030	12	+61.980
13	+60.610	14	+64.930		

AVERAGE TEMPERATURE = +74.531 DEG. F
AVERAGE PRESSURE = +63.374 PSIA
AVG VAPOR PRESSURE = +0.2652 PSIA
MASS = +951821.50 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : TEST
DATE : 333
TIME : 11:29

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.3745	2	+63.3715

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+75.290	2	+74.990	3	+74.330
4	+74.200	5	+76.470	6	+75.210
7	+74.730	8	+76.050	9	+75.140
10	+74.560	11	+75.020	12	+77.430
13	+74.990	14	+75.820	15	+77.190
16	+78.510	17	+74.580	18	+74.970
19	+74.500	20	+74.490	21	+74.630
22	+74.650	23	+75.140	24	+76.080
25	+75.400	26	+77.110	27	+74.220
28	+74.500	29	+74.390	30	+74.300
31	+74.080	32	+74.040	33	+73.860
34	+74.040	35	+74.290	36	+73.920
37	+73.880	38	+74.390	39	+74.230
40	+74.030				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+60.920	2	+62.420	3	+60.490
4	+61.660	5	+58.970	6	+57.270
7	+64.140	8	+64.610	9	+62.390
10	+62.680	11	+65.080	12	+61.960
13	+60.530	14	+65.050		

AVERAGE TEMPERATURE = +74.520 DEG. F
AVERAGE PRESSURE = +63.373 PSIA
AVG VAPOR PRESSURE = +0.2653 PSIA
MASS = +951828.38 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : TEST
DATE : 333
TIME : 11:44

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.3740	2	+63.3710

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+75.250	2	+74.990	3	+74.360
4	+74.200	5	+76.470	6	+75.200
7	+74.720	8	+75.920	9	+75.070
10	+74.580	11	+75.030	12	+77.430
13	+74.970	14	+75.850	15	+77.180
16	+78.500	17	+74.550	18	+75.000
19	+74.500	20	+74.500	21	+74.590
22	+74.640	23	+75.190	24	+76.140
25	+75.470	26	+77.120	27	+74.240
28	+74.420	29	+74.440	30	+74.300
31	+74.070	32	+74.040	33	+73.870
34	+74.080	35	+74.250	36	+73.910
37	+73.850	38	+74.510	39	+74.260
40	+74.030				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+60.840	2	+62.490	3	+60.460
4	+61.710	5	+58.160	6	+57.530
7	+64.250	8	+64.370	9	+62.640
10	+62.570	11	+64.960	12	+61.910
13	+60.820	14	+64.960		

AVERAGE TEMPERATURE = +74.525 DEG. F
AVERAGE PRESSURE = +63.372 PSIA
AVG VAPOR PRESSURE = +0.2653 PSIA
MASS = +951812.50 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : TEST
DATE : 333
TIME : 11:59

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.3729	2	+63.3701

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+75.210	2	+74.970	3	+74.350
4	+74.190	5	+76.470	6	+75.180
7	+74.730	8	+75.870	9	+75.040
10	+74.600	11	+75.010	12	+77.430
13	+75.000	14	+75.830	15	+77.150
16	+78.510	17	+74.550	18	+75.020
19	+74.490	20	+74.520	21	+74.590
22	+74.690	23	+75.170	24	+76.100
25	+75.520	26	+77.110	27	+74.260
28	+74.400	29	+74.440	30	+74.250
31	+74.080	32	+74.040	33	+73.880
34	+74.080	35	+74.250	36	+73.910
37	+73.850	38	+74.470	39	+74.250
40	+74.030				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+60.880	2	+62.580	3	+60.460
4	+61.580	5	+58.400	6	+57.480
7	+64.040	8	+64.460	9	+62.770
10	+62.590	11	+64.730	12	+62.080
13	+61.070	14	+64.900		

AVERAGE TEMPERATURE = +74.521 DEG. F
AVERAGE PRESSURE = +63.371 PSIA
AVG VAPOR PRESSURE = +0.2655 PSIA
MASS = +951802.75 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : TEST
DATE : 333
TIME : 12:14

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.3718	2	+63.3688

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+75.240	2	+74.950	3	+74.300
4	+74.180	5	+76.450	6	+75.180
7	+74.720	8	+75.990	9	+75.080
10	+74.550	11	+75.030	12	+77.440
13	+75.000	14	+75.800	15	+77.160
16	+78.520	17	+74.540	18	+74.990
19	+74.460	20	+74.500	21	+74.600
22	+74.660	23	+75.180	24	+75.980
25	+75.420	26	+77.100	27	+74.220
28	+74.430	29	+74.400	30	+74.240
31	+74.060	32	+74.060	33	+73.840
34	+74.040	35	+74.250	36	+73.900
37	+73.850	38	+74.450	39	+74.240
40	+74.050				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+60.840	2	+62.570	3	+60.550
4	+61.550	5	+58.700	6	+57.380
7	+64.010	8	+64.190	9	+62.640
10	+62.670	11	+65.020	12	+61.910
13	+60.980	14	+64.940		

AVERAGE TEMPERATURE = +74.510 DEG. F
AVERAGE PRESSURE = +63.370 PSIA
AVG VAPOR PRESSURE = +0.2653 PSIA
MASS = +951807.19 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : TEST
DATE : 333
TIME : 12:29

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.3707	2	+63.3673

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+75.260	2	+74.980	3	+74.290
4	+74.180	5	+76.430	6	+75.180
7	+74.730	8	+76.080	9	+75.180
10	+74.510	11	+75.030	12	+77.380
13	+74.980	14	+75.770	15	+77.140
16	+78.510	17	+74.570	18	+74.940
19	+74.500	20	+74.470	21	+74.610
22	+74.640	23	+75.120	24	+76.010
25	+75.360	26	+77.090	27	+74.200
28	+74.450	29	+74.360	30	+74.230
31	+74.060	32	+74.040	33	+73.850
34	+74.040	35	+74.270	36	+73.910
37	+73.860	38	+74.430	39	+74.230
40	+74.040				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+60.910	2	+62.500	3	+60.610
4	+61.550	5	+59.310	6	+57.300
7	+64.090	8	+64.570	9	+62.530
10	+62.650	11	+65.180	12	+61.960
13	+60.620	14	+64.760		

AVERAGE TEMPERATURE = +74.505 DEG. F
AVERAGE PRESSURE = +63.369 PSIA
AVG VAPOR PRESSURE = +0.2652 PSIA
MASS = +951796.94 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : TEST
DATE : 333
TIME : 12:44

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.3697	2	+63.3661

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+75.290	2	+74.990	3	+74.310
4	+74.180	5	+76.430	6	+75.170
7	+74.740	8	+76.020	9	+75.120
10	+74.540	11	+75.000	12	+77.380
13	+74.960	14	+75.800	15	+77.150
16	+78.490	17	+74.530	18	+74.970
19	+74.480	20	+74.460	21	+74.580
22	+74.620	23	+75.130	24	+76.050
25	+75.380	26	+77.090	27	+74.220
28	+74.440	29	+74.390	30	+74.270
31	+74.030	32	+74.010	33	+73.840
34	+74.030	35	+74.250	36	+73.900
37	+73.840	38	+74.390	39	+74.230
40	+74.010				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+60.820	2	+62.560	3	+60.540
4	+61.570	5	+58.660	6	+57.530
7	+64.270	8	+64.850	9	+62.580
10	+62.630	11	+64.990	12	+62.000
13	+60.500	14	+64.730		

AVERAGE TEMPERATURE = +74.498 DEG. F
AVERAGE PRESSURE = +63.368 PSIA
AVG VAPOR PRESSURE = +0.2651 PSIA
MASS = +951794.63 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : TEST
DATE : 333
TIME : 12:59

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.3685	2	+63.3653

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+75.230	2	+74.980	3	+74.280
4	+74.170	5	+76.420	6	+75.170
7	+74.720	8	+76.030	9	+75.130
10	+74.510	11	+74.990	12	+77.400
13	+74.970	14	+75.720	15	+77.130
16	+78.490	17	+74.550	18	+74.920
19	+74.460	20	+74.460	21	+74.600
22	+74.610	23	+75.110	24	+76.050
25	+75.350	26	+77.080	27	+74.190
28	+74.460	29	+74.370	30	+74.270
31	+74.040	32	+74.020	33	+73.820
34	+74.010	35	+74.230	36	+73.890
37	+73.830	38	+74.410	39	+74.220
40	+74.010				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+60.990	2	+62.520	3	+60.600
4	+61.530	5	+58.560	6	+57.480
7	+64.280	8	+64.740	9	+62.570
10	+62.680	11	+65.090	12	+61.910
13	+60.670	14	+64.840		

AVERAGE TEMPERATURE = +74.490 DEG. F
AVERAGE PRESSURE = +63.367 PSIA
AVG VAPOR PRESSURE = +0.2652 PSIA
MASS = +951792.19 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : TEST
DATE : 333
TIME : 13:14

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.3680	2	+63.3645

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+75.250	2	+74.960	3	+74.310
4	+74.170	5	+76.430	6	+75.170
7	+74.710	8	+75.940	9	+75.040
10	+74.550	11	+74.960	12	+77.380
13	+74.960	14	+75.780	15	+77.090
16	+78.480	17	+74.530	18	+74.970
19	+74.440	20	+74.460	21	+74.590
22	+74.630	23	+75.120	24	+75.920
25	+75.390	26	+77.070	27	+74.210
28	+74.400	29	+74.390	30	+74.250
31	+74.060	32	+73.970	33	+73.820
34	+74.020	35	+74.240	36	+73.890
37	+73.830	38	+74.500	39	+74.230
40	+74.010				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+60.940	2	+62.570	3	+60.580
4	+61.570	5	+58.390	6	+57.530
7	+64.180	8	+64.590	9	+62.780
10	+62.620	11	+65.100	12	+62.020
13	+60.790	14	+65.050		

AVERAGE TEMPERATURE = +74.492 DEG. F
AVERAGE PRESSURE = +63.366 PSIA
AVG VAPOR PRESSURE = +0.2655 PSIA
MASS = +951774.00 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : TEST
DATE : 333
TIME : 13:29

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.3661	2	+63.3627

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+75.240	2	+74.960	3	+74.250
4	+74.180	5	+76.410	6	+75.150
7	+74.710	8	+76.010	9	+75.080
10	+74.480	11	+74.980	12	+77.400
13	+74.970	14	+75.710	15	+77.090
16	+78.470	17	+74.560	18	+74.920
19	+74.450	20	+74.460	21	+74.600
22	+74.630	23	+75.130	24	+75.970
25	+75.340	26	+77.060	27	+74.160
28	+74.440	29	+74.350	30	+74.170
31	+74.030	32	+74.010	33	+73.820
34	+74.020	35	+74.230	36	+73.880
37	+73.830	38	+74.400	39	+74.200
40	+74.020				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+60.980	2	+62.530	3	+60.730
4	+61.640	5	+58.960	6	+57.330
7	+64.180	8	+64.720	9	+62.400
10	+62.720	11	+65.150	12	+61.890
13	+60.780	14	+64.780		

AVERAGE TEMPERATURE = +74.477 DEG. F
AVERAGE PRESSURE = +63.364 PSIA
AVG VAPOR PRESSURE = +0.2651 PSIA
MASS = +951778.56 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : TEST
DATE : 333
TIME : 13:44

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.3647	2	+63.3619

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+75.110	2	+74.950	3	+74.240
4	+74.170	5	+76.380	6	+75.160
7	+74.710	8	+76.030	9	+75.210
10	+74.460	11	+74.990	12	+77.410
13	+74.970	14	+75.710	15	+77.090
16	+78.450	17	+74.550	18	+74.900
19	+74.460	20	+74.460	21	+74.590
22	+74.630	23	+75.150	24	+74.130
25	+75.330	26	+77.060	27	+74.150
28	+74.430	29	+74.330	30	+74.110
31	+74.030	32	+73.990	33	+73.820
34	+74.010	35	+74.250	36	+73.860
37	+73.810	38	+74.370	39	+74.190
40	+73.970				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+61.170	2	+62.530	3	+60.770
4	+61.510	5	+58.580	6	+57.210
7	+64.150	8	+64.740	9	+62.580
10	+62.780	11	+65.170	12	+61.950
13	+60.700	14	+64.970		

AVERAGE TEMPERATURE = +74.465 DEG. F
AVERAGE PRESSURE = +63.363 PSIA
AVG VAPOR PRESSURE = +0.2651 PSIA
MASS = +951784.13 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : TEST
DATE : 333
TIME : 13:59

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.3634	2	+63.3602

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+75.100	2	+74.950	3	+74.240
4	+74.170	5	+76.370	6	+75.150
7	+74.710	8	+76.010	9	+75.130
10	+74.440	11	+74.980	12	+77.360
13	+74.920	14	+75.680	15	+77.090
16	+78.450	17	+74.550	18	+74.910
19	+74.480	20	+74.460	21	+74.580
22	+74.580	23	+75.090	24	+76.170
25	+75.360	26	+77.020	27	+74.130
28	+74.400	29	+74.310	30	+74.180
31	+74.000	32	+74.010	33	+73.810
34	+74.020	35	+74.220	36	+73.870
37	+73.800	38	+74.380	39	+74.190
40	+73.970				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+61.190	2	+62.470	3	+60.770
4	+61.520	5	+58.680	6	+57.250
7	+64.310	8	+64.600	9	+62.490
10	+62.780	11	+65.180	12	+62.050
13	+60.560	14	+64.990		

AVERAGE TEMPERATURE = +74.460 DEG. F
AVERAGE PRESSURE = +63.362 PSIA
AVG VAPOR PRESSURE = +0.2649 PSIA
MASS = +951773.44 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : TEST
DATE : 333
TIME : 14:14

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.3627	2	+63.3593

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+75.200	2	+74.950	3	+74.300
4	+74.140	5	+76.380	6	+75.130
7	+74.690	8	+75.860	9	+75.030
10	+74.520	11	+74.980	12	+77.420
13	+74.940	14	+75.740	15	+77.070
16	+78.460	17	+74.490	18	+74.940
19	+74.460	20	+74.460	21	+74.550
22	+74.620	23	+75.110	24	+76.100
25	+75.440	26	+77.010	27	+74.160
28	+74.350	29	+74.340	30	+74.160
31	+74.020	32	+73.980	33	+73.800
34	+74.000	35	+74.210	36	+73.850
37	+73.790	38	+74.400	39	+74.190
40	+73.980				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+60.950	2	+62.670	3	+60.540
4	+61.680	5	+58.620	6	+57.550
7	+64.130	8	+64.660	9	+62.960
10	+62.690	11	+65.050	12	+61.910
13	+60.810	14	+65.120		

AVERAGE TEMPERATURE = +74.458 DEG. F
AVERAGE PRESSURE = +63.361 PSIA
AVG VAPOR PRESSURE = +0.2652 PSIA
MASS = +951759.13 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : TEST
DATE : 333
TIME : 14:29

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.3618	2	+63.3591

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+75.160	2	+74.940	3	+74.230
4	+74.150	5	+76.370	6	+75.130
7	+74.690	8	+75.980	9	+75.070
10	+74.480	11	+74.980	12	+77.420
13	+74.950	14	+75.690	15	+77.060
16	+78.450	17	+74.540	18	+74.900
19	+74.460	20	+74.450	21	+74.580
22	+74.620	23	+75.100	24	+76.000
25	+75.350	26	+77.040	27	+74.140
28	+74.390	29	+74.340	30	+74.130
31	+73.990	32	+73.970	33	+73.800
34	+73.990	35	+74.230	36	+73.840
37	+73.800	38	+74.360	39	+74.180
40	+74.000				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+60.940	2	+62.560	3	+60.790
4	+61.590	5	+58.990	6	+57.550
7	+64.140	8	+64.430	9	+62.610
10	+62.720	11	+65.190	12	+62.050
13	+60.820	14	+64.980		

AVERAGE TEMPERATURE = +74.453 DEG. F
AVERAGE PRESSURE = +63.360 PSIA
AVG VAPOR PRESSURE = +0.2651 PSIA
MASS = +951762.00 LBM

APPENDIX D

VERIFICATION TEST DATA AND PLOTS

VERIFICATION MODE
OPTIONS

1 - MANUAL DATA ENTRY
2 - PARAMETER GRAPHS
3 - SENSOR PLOTS
4 - REPRINT CURRENT DATA PT
5 - SENSOR DIFFERENTIALS
6 - TREND ANALYSIS
P - PASS WORD MENU
S - GRAFTEL SCAN CONTROL

SUMMARY
TIME = 1844

# OF DATA POINTS =	17
MODE DURATION (IN HOURS) =	4.02
TOT TIME MEASURED LEAK =	0.1582
TOT TIME CALCULATED LEAK =	0.1290
MASS PT LEAK =	0.1411
IMPOSED LEAK =	0.1057
TOT TIME UPPER LIMIT =	0.1874
TOT TIME LOWER LIMIT =	0.1374
MASS PT UPPER LIMIT =	0.1832
MASS PT LOWER LIMIT =	0.1332

TOT TIME VERIFICATION CRITERIA HAS NOT BEEN MET
MASS PT VERIFICATION CRITERIA HAS BEEN MET

POINT SUMMARY: CURRENT VALUE/DIFFERENCE FROM PREVIOUS POINT

AVG TEMP:	74.386/ +0.012	AVG PRESS:	63.070 / -0.001
MASS:	951502.38 / -35.750	AVG DEW PRESS:	0.2651/ +0.0003
		TOTAL PRESS:	63.335 / -0.001

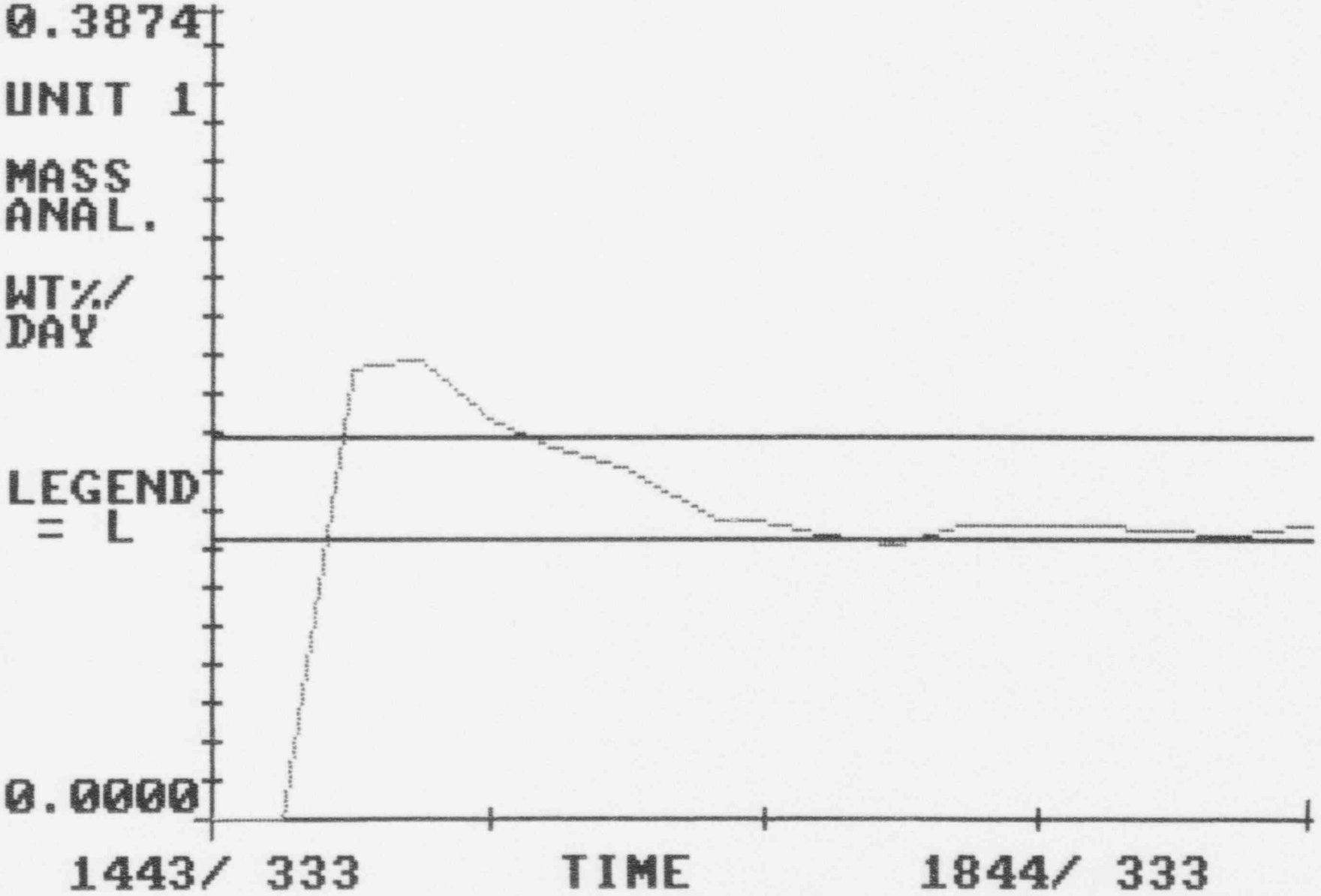
LEAKAGE RATE TREND SUMMARY UNIT 1

		TOTAL TIME			MASS POINT	
DATE	TIME	TTLM	LMCALC	CHANGE	LAM	CHANGE
333	0.27	0.2521	0.0000	0.0000	0.0000	0.0000
333	0.52	0.2137	0.2137	0.2137	0.2146	0.2146
333	0.77	0.2246	0.2164	0.0027	0.2198	0.0053
333	1.02	0.1884	0.1927	-0.0237	0.1929	-0.0269
333	1.25	0.1797	0.1781	-0.0146	0.1785	-0.0144
333	1.52	0.1732	0.1669	-0.0112	0.1689	-0.0096
333	1.85	0.1388	0.1426	-0.0243	0.1438	-0.0252
333	2.00	0.1582	0.1429	0.0003	0.1431	-0.0007
333	2.25	0.1434	0.1341	-0.0088	0.1364	-0.0067
333	2.52	0.1440	0.1282	-0.0058	0.1333	-0.0031
333	2.77	0.1697	0.1332	0.0050	0.1428	0.0095
333	3.02	0.1525	0.1322	-0.0010	0.1426	-0.0002
333	3.27	0.1528	0.1317	-0.0004	0.1428	0.0003
333	3.52	0.1392	0.1281	-0.0036	0.1385	-0.0043
333	3.77	0.1448	0.1268	-0.0013	0.1375	-0.0010
333	4.02	0.1582	0.1290	0.0022	0.1411	0.0037

20 POINT MEAN TOTAL TIME CALCULATED LEAKAGE = 0
20 POINT MEAN TOTAL TIME MEASURED LEAKAGE = 0
20 POINT MEAN MASS POINT LEAKAGE = 0
MASS POINT INTERCEPT = 951741.7
MASS POINT SLOPE =-55.96625

VERF MODE
Page 1

AVERAGE DATA VALUES						
DATE	TIME	RTD	DEW PT.	VAP PRESS	DRY PRESS	MASS
333	0.00	74.444	0.000	0.265	63.094	951754.44
333	0.27	74.440	0.000	0.265	63.092	951727.81
333	0.52	74.441	0.000	0.265	63.090	951710.56
333	0.77	74.445	0.000	0.265	63.089	951686.13
333	1.02	74.435	0.000	0.265	63.088	951678.50
333	1.25	74.433	0.000	0.265	63.087	951665.31
333	1.52	74.430	0.000	0.265	63.085	951650.31
333	1.85	74.405	0.000	0.265	63.082	951652.56
333	2.00	74.412	0.000	0.265	63.082	951628.94
333	2.25	74.402	0.000	0.265	63.080	951626.56
333	2.52	74.398	0.000	0.265	63.079	951610.69
333	2.77	74.404	0.000	0.265	63.077	951568.19
333	3.02	74.389	0.000	0.265	63.075	951572.00
333	3.27	74.393	0.000	0.265	63.075	951556.50
333	3.52	74.383	0.000	0.265	63.074	951560.25
333	3.77	74.374	0.000	0.265	63.071	951538.13
333	4.02	74.386	0.000	0.265	63.070	951502.38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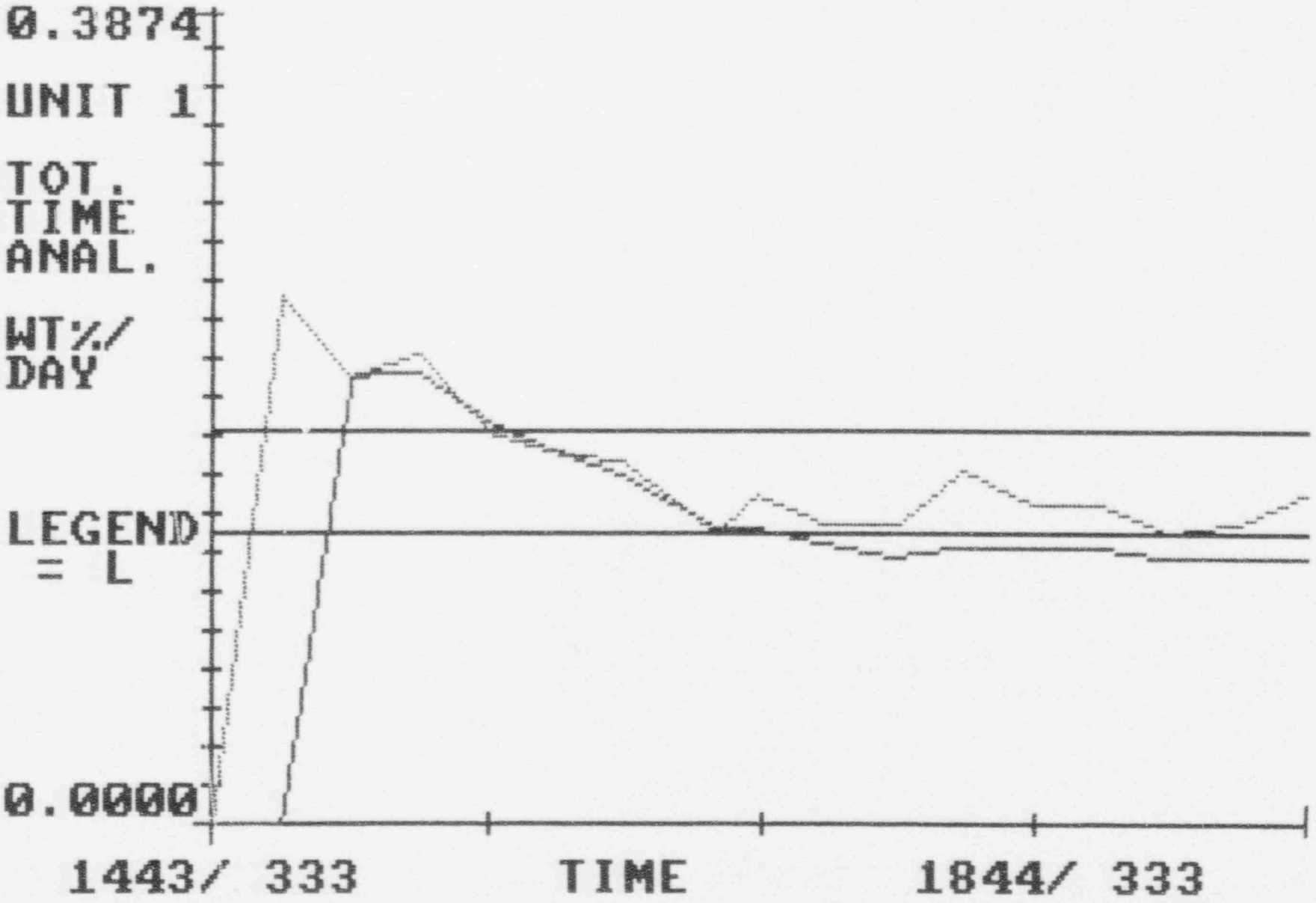
UNIT 1
MASS
ANAL.
WT%/
DAY
LEGEND
= L
0.0000
1443/ 333
TIME
1844/ 333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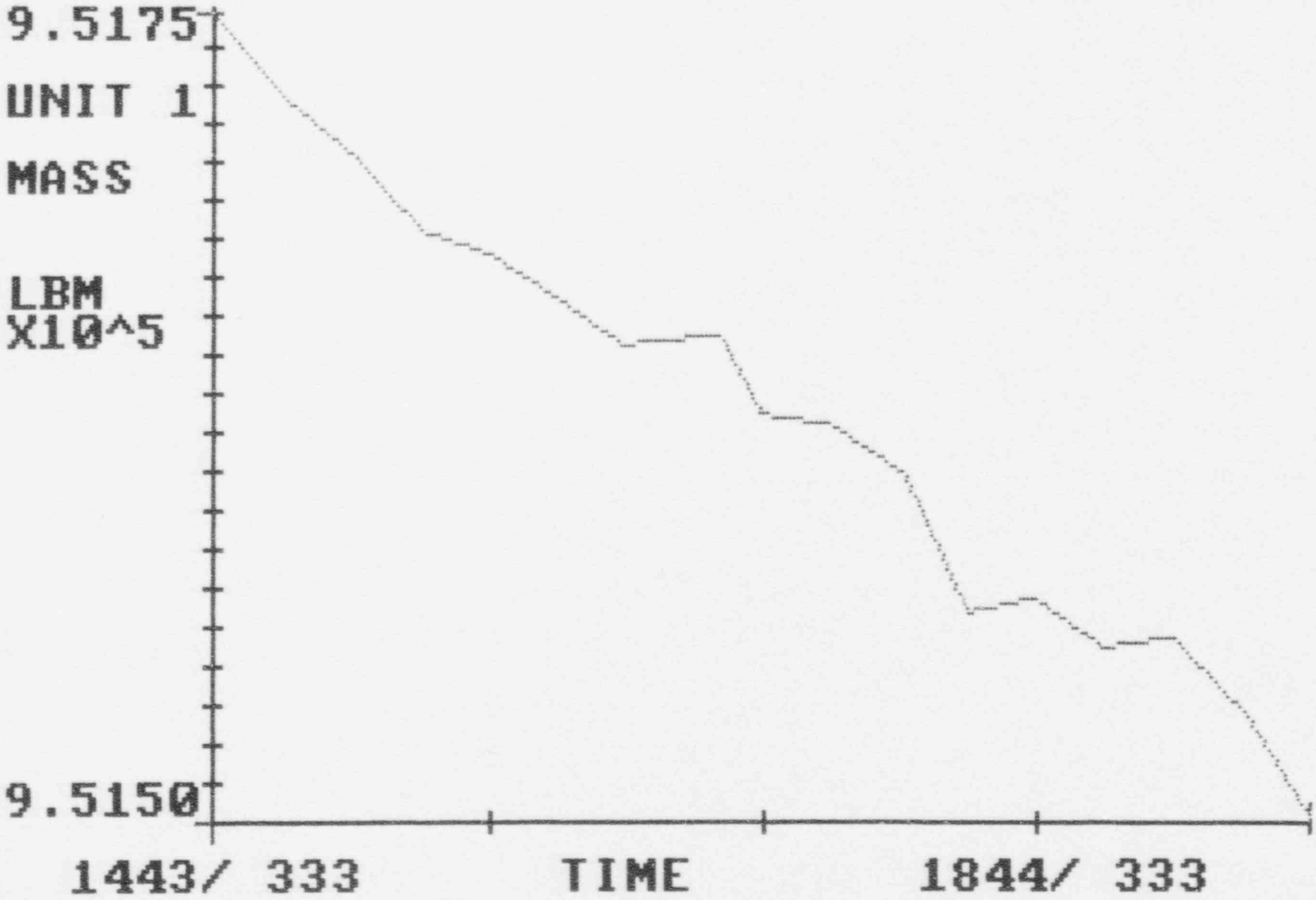
TIME
ANAL.
WT%/
DAY
LEGEND
= L
0.0000
1443/ 333
TIME
1844/ 333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MASS
LBM
X10^5
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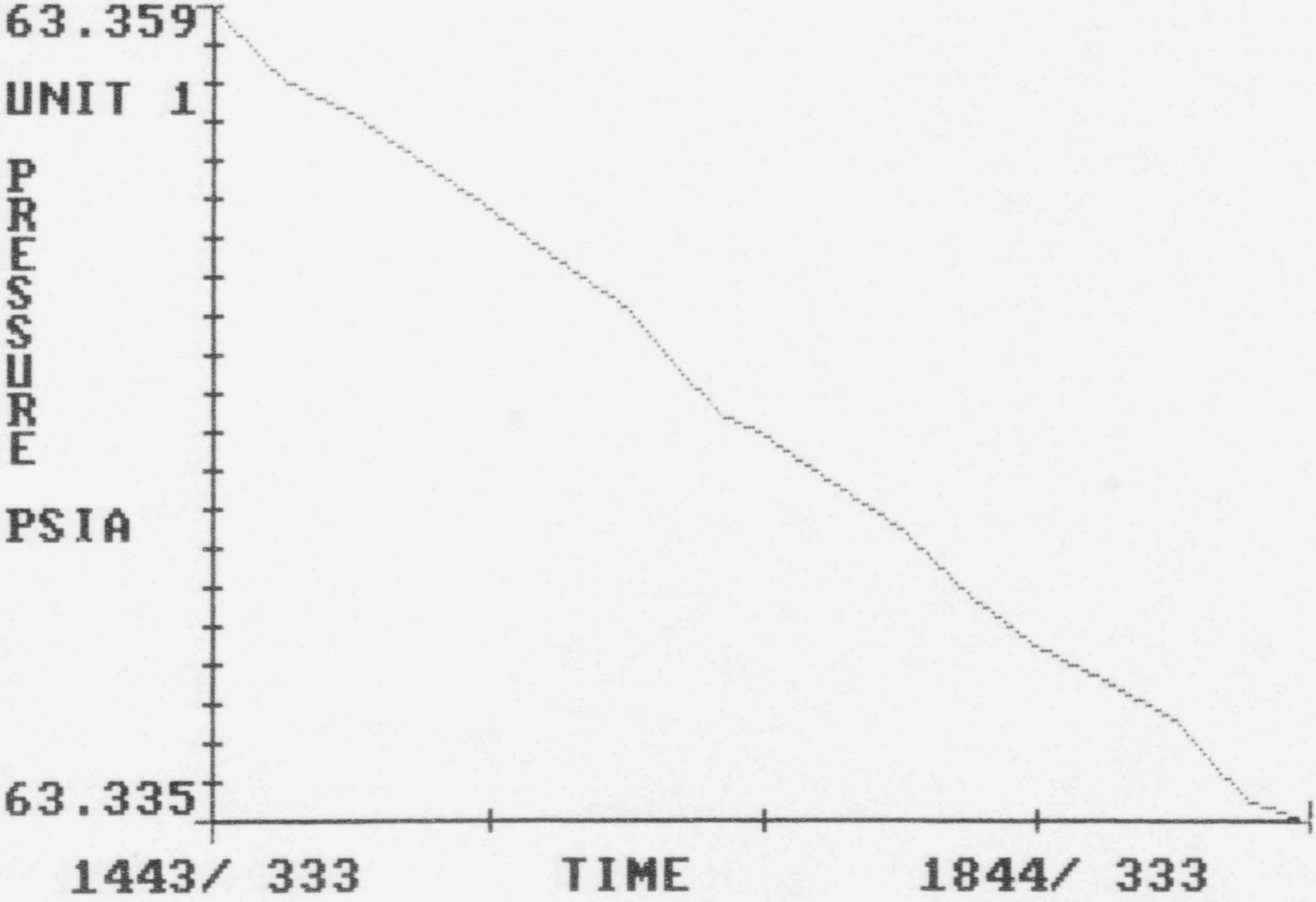
1443/ 333
TIME
1844/ 333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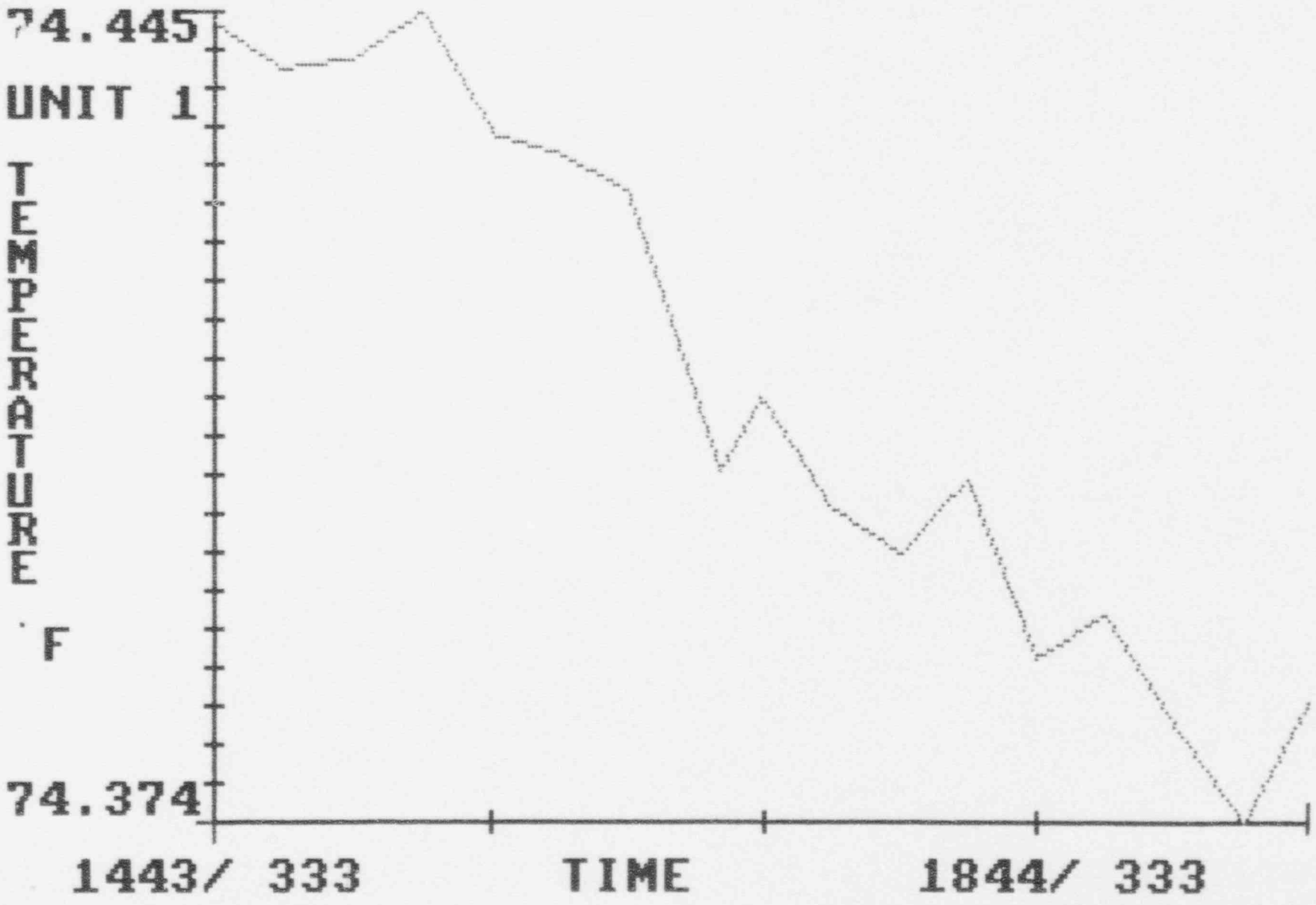
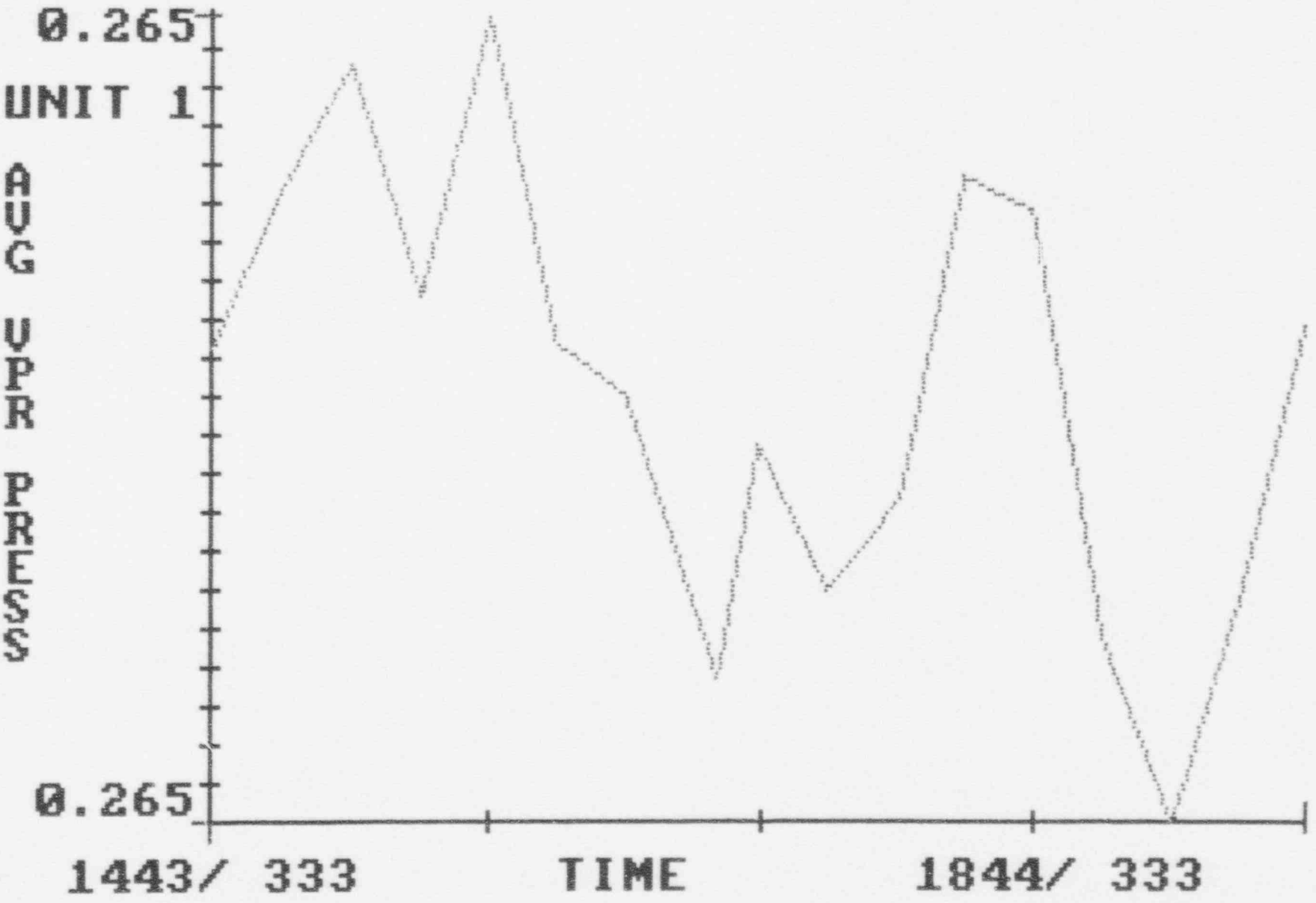
PRESSURE
PSIA
63.335
1443/ 333
TIME
1844/ 333


74.445
UNIT 1
TEMPERATURE
F
74.374
1443/ 333
TIME
1844/ 333


0.265
UNIT 1
AVG VPR PRESS
0.265
1443/ 333
TIME
1844/ 333

DEPRESS RATE

DATE	TIME	RATE
333	0.00	0.000
333	0.25	0.000
333	0.50	-4.214
333	0.75	-6.969
333	1.00	-6.355
333	1.25	-6.086
333	1.50	-5.867
333	1.75	-5.692
333	2.00	-5.517
333	2.25	-5.362
333	2.50	-5.218
333	2.75	-5.507
333	3.00	-7.338
334	3.25	-7.556
334	3.50	-9.866
334	3.75	-9.370
334	4.00	-9.840
334	4.25	-9.251

DEPRESS RATE

DATE	TIME	RATE
334	4.50	-8.725
334	4.75	-8.064
334	5.00	-7.449
334	5.25	-6.888
334	5.50	-6.345
334	5.75	-5.834
334	6.13	-5.195
334	6.25	-4.790
334	6.50	-4.406
334	6.75	-3.980
334	7.00	-3.563
334	7.25	-3.149
334	7.50	-2.754
334	7.75	-2.374
334	8.00	-2.003
334	8.25	-1.645
334	8.50	-1.293
334	8.75	-0.959

DEPRESS RATE

DATE	TIME	RATE
334	9.00	-0.629

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : VERF
DATE : 333
TIME : 14:43

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.3601	2	+63.3577

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+75.110	2	+74.970	3	+74.230
4	+74.160	5	+76.360	6	+75.130
7	+74.690	8	+75.930	9	+75.020
10	+74.470	11	+74.960	12	+77.370
13	+74.910	14	+75.670	15	+77.040
16	+78.440	17	+74.540	18	+74.880
19	+74.450	20	+74.410	21	+74.570
22	+74.560	23	+75.070	24	+76.100
25	+75.370	26	+77.000	27	+74.130
28	+74.360	29	+74.320	30	+74.160
31	+73.990	32	+73.960	33	+73.790
34	+73.980	35	+74.260	36	+73.840
37	+73.790	38	+74.370	39	+74.170
40	+73.970				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+61.170	2	+62.560	3	+60.680
4	+61.500	5	+58.860	6	+57.450
7	+64.360	8	+64.730	9	+62.680
10	+62.800	11	+65.150	12	+62.100
13	+60.670	14	+65.030		

AVERAGE TEMPERATURE = +74.444 DEG. F
AVERAGE PRESSURE = +63.359 PSIA
AVG VAPOR PRESSURE = +0.2651 PSIA
MASS = +951754.44 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : VERF
DATE : 333
TIME : 14:59

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.3586	2	+63.3550

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+75.170	2	+74.970	3	+74.230
4	+74.150	5	+76.350	6	+75.120
7	+74.670	8	+75.910	9	+74.980
10	+74.480	11	+74.920	12	+77.410
13	+74.890	14	+75.680	15	+77.050
16	+78.440	17	+74.520	18	+74.880
19	+74.410	20	+74.400	21	+74.570
22	+74.560	23	+75.060	24	+76.040
25	+75.360	26	+77.000	27	+74.150
28	+74.410	29	+74.330	30	+74.170
31	+74.000	32	+73.970	33	+73.770
34	+73.940	35	+74.200	36	+73.830
37	+73.770	38	+74.390	39	+74.160
40	+73.960				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+61.150	2	+62.580	3	+60.780
4	+61.720	5	+59.040	6	+57.450
7	+64.300	8	+64.540	9	+62.500
10	+62.750	11	+65.260	12	+62.000
13	+60.930	14	+65.170		

AVERAGE TEMPERATURE = +74.440 DEG. F
AVERAGE PRESSURE = +63.357 PSIA
AVG VAPOR PRESSURE = +0.2652 PSIA
MASS = +951727.81 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : VERF
DATE : 333
TIME : 15:14

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.3572	2	+63.3545

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+75.200	2	+74.920	3	+74.290
4	+74.120	5	+76.350	6	+75.100
7	+74.650	8	+75.860	9	+75.000
10	+74.470	11	+74.920	12	+77.410
13	+74.890	14	+75.740	15	+77.040
16	+78.430	17	+74.490	18	+74.910
19	+74.380	20	+74.410	21	+74.510
22	+74.570	23	+75.050	24	+76.100
25	+75.370	26	+76.990	27	+74.190
28	+74.330	29	+74.350	30	+74.200
31	+74.000	32	+73.940	33	+73.790
34	+74.000	35	+74.170	36	+73.840
37	+73.770	38	+74.420	39	+74.160
40	+73.940				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+60.960	2	+62.600	3	+60.640
4	+61.830	5	+58.580	6	+57.660
7	+64.310	8	+64.760	9	+62.970
10	+62.680	11	+64.980	12	+62.060
13	+60.970	14	+65.130		

AVERAGE TEMPERATURE = +74.441 DEG. F
AVERAGE PRESSURE = +63.356 PSIA
AVG VAPOR PRESSURE = +0.2654 PSIA
MASS = +951710.56 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : VERF
DATE : 333
TIME : 15:29

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.3558	2	+63.3532

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+75.170	2	+74.890	3	+74.280
4	+74.100	5	+76.370	6	+75.080
7	+74.630	8	+75.750	9	+74.950
10	+74.500	11	+74.930	12	+77.390
13	+74.890	14	+75.760	15	+77.030
16	+78.420	17	+74.430	18	+74.920
19	+74.390	20	+74.440	21	+74.510
22	+74.590	23	+75.190	24	+76.040
25	+75.440	26	+77.000	27	+74.210
28	+74.310	29	+74.370	30	+74.180
31	+74.020	32	+73.960	33	+73.780
34	+73.990	35	+74.170	36	+73.840
37	+73.770	38	+74.480	39	+74.150
40	+73.970				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+60.910	2	+62.810	3	+60.550
4	+61.830	5	+57.880	6	+57.730
7	+64.320	8	+64.520	9	+62.910
10	+62.680	11	+64.890	12	+61.920
13	+61.110	14	+65.020		

AVERAGE TEMPERATURE = +74.445 DEG. F
AVERAGE PRESSURE = +63.354 PSIA
AVG VAPOR PRESSURE = +0.2652 PSIA
MASS = +951686.13 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : VERF
DATE : 333
TIME : 15:44

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.3547	2	+63.3514

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+75.180	2	+74.870	3	+74.270
4	+74.090	5	+76.350	6	+75.080
7	+74.630	8	+75.790	9	+74.950
10	+74.500	11	+74.960	12	+77.360
13	+74.940	14	+75.760	15	+77.020
16	+78.420	17	+74.440	18	+74.900
19	+74.380	20	+74.440	21	+74.490
22	+74.610	23	+75.170	24	+76.050
25	+75.450	26	+76.980	27	+74.210
28	+74.280	29	+74.340	30	+74.110
31	+74.020	32	+73.940	33	+73.790
34	+74.000	35	+74.160	36	+73.830
37	+73.760	38	+74.450	39	+74.160
40	+73.950				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+60.840	2	+62.830	3	+60.630
4	+61.740	5	+58.290	6	+57.840
7	+64.240	8	+64.240	9	+63.010
10	+62.720	11	+65.100	12	+62.000
13	+61.270	14	+65.280		

AVERAGE TEMPERATURE = +74.435 DEG. F
AVERAGE PRESSURE = +63.353 PSIA
AVG VAPOR PRESSURE = +0.2654 PSIA
MASS = +951678.50 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : VERF
DATE : 333
TIME : 15:58

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.3534	2	+63.3499

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+75.170	2	+74.870	3	+74.250
4	+74.090	5	+76.340	6	+75.080
7	+74.620	8	+75.800	9	+75.000
10	+74.480	11	+74.980	12	+77.360
13	+74.930	14	+75.720	15	+77.000
16	+78.420	17	+74.460	18	+74.900
19	+74.380	20	+74.440	21	+74.490
22	+74.570	23	+75.150	24	+75.990
25	+75.410	26	+76.990	27	+74.180
28	+74.320	29	+74.360	30	+74.160
31	+73.990	32	+73.960	33	+73.790
34	+73.990	35	+74.170	36	+73.830
37	+73.760	38	+74.370	39	+74.160
40	+73.960				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+60.870	2	+62.740	3	+60.620
4	+61.820	5	+58.390	6	+57.880
7	+64.270	8	+64.180	9	+62.990
10	+62.720	11	+65.050	12	+62.170
13	+61.060	14	+64.990		

AVERAGE TEMPERATURE = +74.433 DEG. F
AVERAGE PRESSURE = +63.352 PSIA
AVG VAPOR PRESSURE = +0.2651 PSIA
MASS = +951665.31 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : VERF
DATE : 333
TIME : 16:14

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.3515	2	+63.3490

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+75.180	2	+74.850	3	+74.170
4	+74.090	5	+76.310	6	+75.050
7	+74.630	8	+75.940	9	+75.060
10	+74.440	11	+74.980	12	+77.390
13	+74.950	14	+75.640	15	+77.000
16	+78.420	17	+74.450	18	+74.950
19	+74.410	20	+74.480	21	+74.520
22	+74.620	23	+75.140	24	+75.960
25	+75.310	26	+77.000	27	+74.110
28	+74.340	29	+74.310	30	+74.130
31	+73.970	32	+73.940	33	+73.770
34	+73.970	35	+74.200	36	+73.820
37	+73.770	38	+74.400	39	+74.150
40	+73.970				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+60.850	2	+62.740	3	+60.760
4	+61.600	5	+58.330	6	+57.680
7	+64.050	8	+64.350	9	+62.880
10	+62.810	11	+65.260	12	+62.080
13	+60.980	14	+64.880		

AVERAGE TEMPERATURE = +74.430 DEG. F
AVERAGE PRESSURE = +63.350 PSIA
AVG VAPOR PRESSURE = +0.2651 PSIA
MASS = +951650.31 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : VERF
DATE : 333
TIME : 16:34

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.3485	2	+63.3460

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+75.050	2	+74.910	3	+74.180
4	+74.100	5	+76.300	6	+75.080
7	+74.650	8	+75.940	9	+75.040
10	+74.390	11	+74.920	12	+77.330
13	+74.900	14	+75.620	15	+76.980
16	+78.420	17	+74.490	18	+74.870
19	+74.420	20	+74.390	21	+74.500
22	+74.560	23	+75.040	24	+76.120
25	+75.280	26	+76.970	27	+74.090
28	+74.360	29	+74.270	30	+74.140
31	+73.950	32	+73.920	33	+73.740
34	+73.940	35	+74.160	36	+73.810
37	+73.770	38	+74.320	39	+74.150
40	+73.900				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+61.150	2	+62.660	3	+60.870
4	+61.580	5	+59.090	6	+57.440
7	+64.210	8	+64.750	9	+62.640
10	+62.860	11	+65.060	12	+61.960
13	+60.850	14	+65.090		

AVERAGE TEMPERATURE = +74.405 DEG. F
AVERAGE PRESSURE = +63.347 PSIA
AVG VAPOR PRESSURE = +0.2648 PSIA
MASS = +951652.56 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : VERF
DATE : 333
TIME : 16:43

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.3482	2	+63.3451

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+75.130	2	+74.890	3	+74.220
4	+74.100	5	+76.300	6	+75.080
7	+74.630	8	+75.880	9	+75.020
10	+74.410	11	+74.910	12	+77.350
13	+74.880	14	+75.640	15	+76.970
16	+78.400	17	+74.450	18	+74.880
19	+74.400	20	+74.400	21	+74.500
22	+74.570	23	+75.030	24	+76.050
25	+75.280	26	+76.950	27	+74.130
28	+74.320	29	+74.270	30	+74.160
31	+73.950	32	+73.930	33	+73.770
34	+73.960	35	+74.160	36	+73.790
37	+73.750	38	+74.420	39	+74.160
40	+73.890				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+61.010	2	+62.780	3	+60.730
4	+61.730	5	+58.490	6	+57.540
7	+64.200	8	+64.780	9	+62.760
10	+62.920	11	+65.200	12	+62.000
13	+61.030	14	+64.890		

AVERAGE TEMPERATURE = +74.412 DEG. F
AVERAGE PRESSURE = +63.347 PSIA
AVG VAPOR PRESSURE = +0.2650 PSIA
MASS = +951628.94 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : VERF
DATE : 333
TIME : 16:58

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.3469	2	+63.3436

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+75.160	2	+74.880	3	+74.190
4	+74.090	5	+76.290	6	+75.070
7	+74.620	8	+75.920	9	+75.000
10	+74.420	11	+74.920	12	+77.320
13	+74.890	14	+75.640	15	+76.970
16	+78.400	17	+74.450	18	+74.830
19	+74.370	20	+74.390	21	+74.500
22	+74.540	23	+75.050	24	+76.050
25	+75.280	26	+76.940	27	+74.090
28	+74.350	29	+74.290	30	+74.150
31	+73.950	32	+73.920	33	+73.750
34	+73.940	35	+74.150	36	+73.800
37	+73.750	38	+74.370	39	+74.130
40	+73.900				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+61.010	2	+62.740	3	+60.780
4	+61.720	5	+58.560	6	+57.600
7	+64.200	8	+64.660	9	+62.630
10	+62.770	11	+65.250	12	+62.090
13	+61.120	14	+64.870		

AVERAGE TEMPERATURE = +74.402 DEG. F
AVERAGE PRESSURE = +63.345 PSIA
AVG VAPOR PRESSURE = +0.2649 PSIA
MASS = +951626.56 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : VERF
DATE : 333
TIME : 17:14

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.3455	2	+63.3421

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+75.130	2	+74.910	3	+74.190
4	+74.090	5	+76.280	6	+75.070
7	+74.610	8	+75.960	9	+75.040
10	+74.390	11	+74.900	12	+77.320
13	+74.880	14	+75.610	15	+76.970
16	+78.390	17	+74.450	18	+74.810
19	+74.380	20	+74.370	21	+74.500
22	+74.550	23	+75.010	24	+75.950
25	+75.220	26	+76.930	27	+74.070
28	+74.360	29	+74.290	30	+74.140
31	+73.960	32	+73.920	33	+73.740
34	+73.930	35	+74.190	36	+73.800
37	+73.760	38	+74.300	39	+74.120
40	+73.930				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+61.130	2	+62.750	3	+60.890
4	+61.710	5	+58.860	6	+57.390
7	+64.310	8	+64.730	9	+62.470
10	+62.920	11	+65.320	12	+62.070
13	+60.910	14	+65.060		

AVERAGE TEMPERATURE = +74.398 DEG. F
AVERAGE PRESSURE = +63.344 PSIA
AVG VAPOR PRESSURE = +0.2650 PSIA
MASS = +951610.69 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : VERF
DATE : 333
TIME : 17:29

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.3432	2	+63.3408

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+75.090	2	+74.870	3	+74.170
4	+74.090	5	+76.260	6	+75.070
7	+74.620	8	+75.940	9	+75.060
10	+74.390	11	+74.900	12	+77.360
13	+74.870	14	+75.610	15	+76.940
16	+78.380	17	+74.450	18	+74.840
19	+74.420	20	+74.380	21	+74.490
22	+74.540	23	+74.990	24	+75.830
25	+75.250	26	+76.960	27	+74.100
28	+74.340	29	+74.290	30	+74.140
31	+73.980	32	+73.960	33	+73.760
34	+73.940	35	+74.170	36	+73.800
37	+73.750	38	+74.380	39	+74.120
40	+73.920				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+61.160	2	+62.740	3	+60.990
4	+61.790	5	+59.370	6	+57.500
7	+64.300	8	+64.780	9	+62.740
10	+62.780	11	+65.270	12	+62.060
13	+60.830	14	+65.210		

AVERAGE TEMPERATURE = +74.404 DEG. F
AVERAGE PRESSURE = +63.342 PSIA
AVG VAPOR PRESSURE = +0.2653 PSIA
MASS = +951568.19 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : VERF
DATE : 333
TIME : 17:44

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.3417	2	+63.3391

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+75.150	2	+74.850	3	+74.160
4	+74.080	5	+76.270	6	+75.040
7	+74.600	8	+75.800	9	+74.960
10	+74.400	11	+74.900	12	+77.330
13	+74.890	14	+75.630	15	+76.910
16	+78.370	17	+74.430	18	+74.880
19	+74.400	20	+74.430	21	+74.480
22	+74.570	23	+75.010	24	+76.040
25	+75.390	26	+76.910	27	+74.080
28	+74.260	29	+74.300	30	+74.040
31	+73.950	32	+73.910	33	+73.740
34	+73.950	35	+74.130	36	+73.770
37	+73.730	38	+74.390	39	+74.130
40	+73.910				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+61.010	2	+62.790	3	+60.750
4	+61.730	5	+58.690	6	+57.860
7	+64.190	8	+64.560	9	+63.010
10	+62.980	11	+65.150	12	+62.070
13	+61.020	14	+65.270		

AVERAGE TEMPERATURE = +74.389 DEG. F
AVERAGE PRESSURE = +63.340 PSIA
AVG VAPOR PRESSURE = +0.2652 PSIA
MASS = +951572.00 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : VERF
DATE : 333
TIME : 17:59

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.3407	2	+63.3382

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+75.170	2	+74.850	3	+74.150
4	+74.070	5	+76.270	6	+75.040
7	+74.600	8	+75.850	9	+75.040
10	+74.400	11	+74.910	12	+77.340
13	+74.890	14	+75.590	15	+76.930
16	+78.370	17	+74.450	18	+74.820
19	+74.340	20	+74.410	21	+74.490
22	+74.550	23	+75.030	24	+76.070
25	+75.300	26	+76.930	27	+74.110
28	+74.320	29	+74.290	30	+74.130
31	+73.940	32	+73.940	33	+73.720
34	+73.910	35	+74.160	36	+73.780
37	+73.740	38	+74.340	39	+74.120
40	+73.910				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+60.860	2	+62.780	3	+60.920
4	+61.750	5	+58.550	6	+57.800
7	+64.150	8	+64.470	9	+62.760
10	+62.950	11	+65.140	12	+62.170
13	+60.870	14	+65.150		

AVERAGE TEMPERATURE = +74.393 DEG. F
AVERAGE PRESSURE = +63.339 PSIA
AVG VAPOR PRESSURE = +0.2649 PSIA
MASS = +951556.50 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : VERF
DATE : 333
TIME : 18:14

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.3399	2	+63.3369

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+75.130	2	+74.840	3	+74.160
4	+74.070	5	+76.250	6	+75.070
7	+74.610	8	+75.900	9	+75.000
10	+74.370	11	+74.890	12	+77.330
13	+74.860	14	+75.550	15	+76.940
16	+78.370	17	+74.440	18	+74.820
19	+74.370	20	+74.370	21	+74.490
22	+74.520	23	+75.000	24	+75.980
25	+75.220	26	+76.910	27	+74.050
28	+74.350	29	+74.260	30	+74.140
31	+73.910	32	+73.950	33	+73.710
34	+73.910	35	+74.170	36	+73.770
37	+73.730	38	+74.340	39	+74.100
40	+73.900				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+61.050	2	+62.750	3	+60.890
4	+61.790	5	+58.380	6	+57.720
7	+64.310	8	+64.550	9	+62.590
10	+62.900	11	+65.210	12	+61.930
13	+60.930	14	+65.110		

AVERAGE TEMPERATURE = +74.383 DEG. F
AVERAGE PRESSURE = +63.338 PSIA
AVG VAPOR PRESSURE = +0.2647 PSIA
MASS = +951560.25 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : VERF
DATE : 333
TIME : 18:29

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.3376	2	+63.3346

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+75.060	2	+74.860	3	+74.150
4	+74.070	5	+76.250	6	+75.050
7	+74.600	8	+75.820	9	+74.960
10	+74.340	11	+74.950	12	+77.310
13	+74.880	14	+75.570	15	+76.920
16	+78.370	17	+74.450	18	+74.840
19	+74.410	20	+74.370	21	+74.470
22	+74.530	23	+75.050	24	+76.010
25	+75.320	26	+76.900	27	+74.040
28	+74.320	29	+74.250	30	+74.110
31	+73.920	32	+73.890	33	+73.730
34	+73.940	35	+74.140	36	+73.780
37	+73.720	38	+74.280	39	+74.100
40	+73.890				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+61.210	2	+62.740	3	+60.930
4	+61.750	5	+58.930	6	+57.740
7	+64.210	8	+64.750	9	+62.730
10	+62.880	11	+65.190	12	+62.200
13	+60.790	14	+65.250		

AVERAGE TEMPERATURE = +74.374 DEG. F
AVERAGE PRESSURE = +63.336 PSIA
AVG VAPOR PRESSURE = +0.2649 PSIA
MASS = +951538.13 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : VERF
DATE : 333
TIME : 18:44

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.3364	2	+63.3343

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+75.130	2	+74.330	3	+74.180
4	+74.050	5	+76.250	6	+75.020
7	+74.570	8	+75.800	9	+75.010
10	+74.390	11	+74.920	12	+77.300
13	+74.840	14	+75.650	15	+76.930
16	+78.350	17	+74.410	18	+74.850
19	+74.340	20	+74.350	21	+74.440
22	+74.490	23	+75.020	24	+76.000
25	+75.320	26	+76.890	27	+74.140
28	+74.270	29	+74.290	30	+74.150
31	+73.930	32	+73.940	33	+73.740
34	+73.950	35	+74.110	36	+73.780
37	+73.720	38	+74.420	39	+74.110
40	+73.880				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+61.050	2	+62.910	3	+60.760
4	+61.900	5	+58.360	6	+57.800
7	+64.430	8	+64.650	9	+63.000
10	+62.910	11	+65.120	12	+62.120
13	+61.080	14	+65.140		

AVERAGE TEMPERATURE = +74.386 DEG. F
AVERAGE PRESSURE = +63.335 PSIA
AVG VAPOR PRESSURE = +0.2651 PSIA
MASS = +951502.38 LBM

APPENDIX E

LOCAL LEAKAGE RATE TEST SUMMARIES

LOCAL LEAKAGE RATE TEST SUMMARIES

Below listed are summaries of the results of CPSES Unit 1 major local leak rate testing evolutions that occurred following the previous Unit 1 ILRT (July 1989) through the completion of the 3rd Refuel Outage and the ILRT discussed in this report.

Leak Rate Database Dated	Local Leak Rate Testing Period
07-Dec-93	LLRTs performed during the 3rd refuel outage
10-Feb-93	LLRTs performed during the 2nd refuel outage
05-Dec-91	LLRTs performed during the midcycle and the 1st refuel outage
03-Apr-90	LLRTs performed after the previous ILRT and through initial entry into Mode 4 for Unit 1

PENETRATION OR COMPONENT	INSIDE CNTMNT	OUTSIDE CNTMNT	AS FOUND TEST DATE	AS FOUND LEAK RATE SCCM	LEAK RATE ERROR SCFM	AS FOUND MAX PATHWAY SCFM	AS LEFT TEST DATE	AS LEFT LEAK RATE SCCM	LEAK RATE ERROR SCFM	AS LEFT MAX PATHWAY SCFM	TEST CONFIGURATION	PENET TEST TYPE
MII-1	1-8160		10/30/93	67.70	7.06000E-05	2.39096E-03	11/03/93	38.70	7.06000E-05	1.36677E-03	INDIVIDUALLY IN SERIES	C
		1-8152	10/30/93	20.00			10/30/93	20.00				C
MII-2	1-8701B		11/02/93	1598.00	7.06000E-04	5.69875E-02	11/02/93	1598.00	7.06000E-04	5.69875E-02	INDIVIDUALLY IN PARALLEL	C
	1-8708B		11/02/93	15.60	7.06000E-06		11/02/93	15.60	7.06000E-06			C
MII-3	1-8701A		11/11/93	20.00	7.06000E-05		11/11/93	20.00	7.06000E-05		INDIVIDUALLY IN PARALLEL	C
	1-8708A		11/11/93	42.00	7.06000E-05	2.18965E-03	11/11/93	42.00	7.06000E-05	2.18965E-03		C
MII-4	1-8890A		11/07/93	3.44	7.06000E-06	1.21490E-04	11/07/93	3.44	7.06000E-06	1.21490E-04	INDIVIDUALLY	C
MII-5	1-8890B		10/29/93	48.70	7.06000E-05	1.71994E-03	10/29/93	48.70	7.06000E-05	1.71994E-03	INDIVIDUALLY	C
MII-9		1PN-02	10/08/93	15.21	7.06000E-06	1.61151E-03	10/08/93	15.21	7.06000E-06	1.61151E-03	INDIVIDUALLY IN PARALLEL	B
		1PN-03	10/08/93	15.21	7.06000E-06		10/08/93	15.21	7.06000E-06			B
		1PN-04	10/08/93	15.21	7.06000E-06		10/08/93	15.21	7.06000E-06			B
MIII-1	1-8046		11/04/93	20.00			11/04/93	20.00			INDIVIDUALLY IN SERIES	C
		1-8047	10/27/93	194.40	7.06000E-05	6.86562E-03	11/04/93	210.00	7.06000E-04	7.41656E-03		C
MIII-6	1-8381		11/03/93	26.50	7.06000E-05	9.35900E-04	11/03/93	26.50	7.06000E-05	9.35900E-04	INDIVIDUALLY IN SERIES	C
		1-8105	11/03/93	20.00			11/03/93	20.00				C
MIII-11	1-8112		11/03/93	283.00	7.06000E-04	9.99470E-03	11/03/93	283.00	7.06000E-04	9.99470E-03	SIMULTANEOUSLY/PARALLEL	C
	1CS-8180		-	-	-		-	-	-			
		1-8100	11/03/93	108.70			11/03/93	108.70			INDIVIDUALLY	C
MIII-12	1-7136		11/12/93	20.00	7.06000E-05	7.06339E-04	11/12/93	20.00	7.06000E-05	7.06339E-04	INDIVIDUALLY	C
		1-7135	11/12/93	20.00			11/12/93	20.00			SIMULTANEOUSLY/PARALLEL	C
		1LCV-1003			-	-			-	-		
		1WP-7176			-	-			-	-		
MIII-16	1SF-012		10/12/93	11.90	7.06000E-06	4.20272E-04	12/01/93	20.00	7.06000E-05	7.06339E-04		C
		1SF-011	10/12/93	1.70			12/01/93	20.00			INDIVIDUALLY IN SERIES	C
MIII-17			12/02/93	25.50	7.06000E-05	9.00583E-04	12/02/93	25.50	7.06000E-05	9.00583E-04		B
MIII-18	1HV-5543	1HV-5542	09/14/93	54.60	7.06000E-05	1.92831E-03	11/26/93	20.00	7.06000E-05	7.06339E-04	SIMULTANEOUSLY/PARALLEL	C
	1HV-5563		-	-			-	-				
MIII-19	1HV-5541	1HV-5540	06/18/93	3530.00	7.06000E-03	1.24669E-01	11/26/93	2530.00	7.06000E-03	8.93519E-02	SIMULTANEOUSLY/PARALLEL	C
	1HV-5562		-	-			-	-				
MIII-20	1DD-430	1HV-5365	11/23/93	1740.00	7.06000E-04	6.14515E-02	11/23/93	1740.00	7.06000E-04	6.14515E-02	SIMULTANEOUSLY	C
	1HV-5366		11/23/93	638.00			11/23/93	638.00			INDIVIDUALLY	C
MIII-21	1HV-5158	1HV-5157									SIMULTANEOUSLY	C
		1VD-907	11/12/93	6.35	7.06000E-06	2.24263E-04	11/12/93	6.35	7.06000E-06	2.24263E-04		
THIS PAGE TOTALS ==>						0.27				0.24		

PENETRATION OR COMPONENT	INSIDE CNTMNT	OUTSIDE CNTMNT	AS FOUND TEST DATE	AS FOUND LEAK RATE SCCM	LEAK RATE ERROR SCFM	AS FOUND MAX PATHWAY SCFM	AS LEFT TEST DATE	AS LEFT LEAK RATE SCCM	LEAK RATE ERROR SCFM	AS LEFT MAX PATHWAY SCFM	TEST CONFIGURATION	PENET TEST TYPE
MIII-22	1CI-030		11/12/93	83.50	7.06000E-05	2.94897E-03	11/12/93	83.50	7.06000E-05	2.94897E-03	INDIVIDUALLY IN SERIES	C
		1HV-3487	11/12/93	72.50			11/12/93	72.50				C
MIII-23	1-8825		10/29/93	6.80	7.06000E-06	2.40155E-04	10/29/93	6.80	7.06000E-06	2.40155E-04	INDIVIDUALLY	C
MIII-27	1SF-021		10/24/93	20.00			10/24/93	20.00			INDIVIDUALLY IN SERIES	C
		1SF-022	10/24/93	112.00	7.06000E-05	3.95550E-03	10/24/93	112.00	7.06000E-05	3.95550E-03		C
MIII-30		1LT-002	10/11/93	27.30	7.06000E-05	9.64153E-04	12/02/93	95.00	7.06000E-05	3.35511E-03		B
MIII-31	1SF-053		10/15/93	25.50			10/15/93	25.50			INDIVIDUALLY IN SERIES	C
		1SF-054	10/15/93	29.10	7.06000E-05	1.02772E-03	10/15/93	29.10	7.06000E-05	1.02772E-03		C
MIV-1(b)	1HV-4168		11/13/93	20.00			11/13/93	20.00			INDIVIDUALLY IN PARALLEL	C
	1HV-4169		11/13/93	404.00			11/13/93	404.00	7.06000E-04	1.49744E-02		C
		1HV-4170	11/13/93	1334.00	7.06000E-04	4.71128E-02	11/23/93	136.80			SIMULTANEOUSLY/PARALLEL	C
		1PS-503										
MIV-2(b)	1HV-4166		10/31/93	449.00			10/31/93	449.00			INDIVIDUALLY	C
		1HV-4167	10/31/93	481.00	7.06000E-04	1.69875E-02	10/31/93	481.00	7.06000E-04	1.69875E-02	SIMULTANEOUSLY/PARALLEL	C
		1PS-501	-	-			-	-				
MIV-2(c)	1HV-4165		10/30/93	20.00			11/12/93	20.00	7.06000E-05		INDIVIDUALLY	C
		1HV-4176	10/30/93	37.00	7.06000E-05	1.30673E-03	11/11/93	20.00	7.06000E-05		SIMULTANEOUSLY/PARALLEL	C
		1PS-502										
MIV-3(b)	1HV-4171		10/28/93	20.00	7.06000E-05	4.05439E-03	10/28/93	20.00	7.06000E-05	4.05439E-03	INDIVIDUALLY IN PARALLEL	C
	1HV-4172		10/28/93	35.40	7.06000E-05		10/28/93	35.40	7.06000E-05			C
	1HV-4173		10/28/93	20.00	7.06000E-05		10/28/93	20.00	7.06000E-05			C
	1HV-4174		10/28/93	39.40	7.06000E-05		10/28/93	39.40	7.06000E-05			C
		1HV-4175	10/28/93	22.90			10/28/93	22.90			SIMULTANEOUSLY/PARALLEL	C
		1PS-500										
MIV-3(c)	1HV-7312		11/01/93	20.00	7.06000E-05		11/01/93	20.00	7.06000E-05		INDIVIDUALLY	C
		1HV-7311	11/01/93	20.00			11/01/93	20.00			SIMULTANEOUSLY/PARALLEL	C
		1WP-7177	-	-			-	-				
MIV-4(b)	1-8871		11/03/93	20.00	7.06000E-05	7.06339E-04	11/03/93	20.00	7.06000E-05	7.06339E-04	INDIVIDUALLY	C
		1-8964	11/03/93	20.00			11/03/93	20.00			SIMULTANEOUSLY/PARALLEL	C
		1-8888	-	-	-	-	-	-	-	-		
		1SI-8972	-	-	-	-	-	-	-	-		
THIS PAGE TOTALS ==>						0.08				0.05		
LAST PAGE TOTALS ==>						0.27				0.24		
COMBINED TOTAL ==>						0.35				0.28		

PENETRATION OR COMPONENT	INSIDE CNTMNT	OUTSIDE CNTMNT	AS FOUND TEST DATE	AS FOUND LEAK RATE SCCM	LEAK RATE ERROR SCFM	AS FOUND MAX PATHWAY SCFM	AS LEFT TEST DATE	AS LEFT LEAK RATE SCCM	LEAK RATE ERROR SCFM	AS LEFT MAX PATHWAY SCFM	TEST CONFIGURATION	PENET TEST TYPE
MIV-4(c)	1HV-5557		10/29/93	16.50			10/29/93	16.50			INDIVIDUALLY IN SERIES	C
		1HV-5556	10/29/93	22.50	7.06000E-05	7.94632E-04	10/29/93	22.50	7.06000E-05	7.94632E-04		C
MIV-8(a)	1HV-5545		11/02/93	172.00			11/02/93	172.00			INDIVIDUALLY IN SERIES	C
		1HV-5544	11/02/93	175.00	7.06000E-05	6.18047E-03	11/02/93	175.00	7.06000E-05	6.18047E-03		C
MIV-9(a)	1HV-5559		10/29/93	110.00	7.06000E-05	3.88487E-03	10/29/93	110.00	7.06000E-05	3.88487E-03	INDIVIDUALLY IN SERIES	C
		1HV-5558	10/29/93	98.50			10/29/93	98.50				C
MIV-10(a)	1HV-5561		10/29/93	8.40	7.06000E-06	2.96663E-04	10/29/93	8.40	7.06000E-06	2.96663E-04	INDIVIDUALLY IN SERIES	C
		1HV-5560	10/29/93	5.10			10/29/93	5.10				C
MIV-10(c)	1HV-5547		11/02/93	202.00	7.06000E-04	7.13403E-03	11/02/93	202.00	7.06000E-04	7.13403E-03	INDIVIDUALLY IN SERIES	C
		1HV-5546	11/02/93	136.00			11/02/93	136.00				C
MIV-11(b)	1-8968		10/24/93	5330.00	7.06000E-03	1.88239E-01	11/01/93	811.00	7.06000E-04	2.86421E-02	INDIVIDUALLY IN SERIES	C
		1-8880	10/24/93	228.00			11/01/93	62.50				C
MIV-11(c)	1-7126		10/14/93	3.90	7.06000E-06	1.37736E-04	10/14/93	3.90	7.06000E-06	1.37736E-04	INDIVIDUALLY IN SERIES	C
		1-7150	10/14/93	2.00			10/14/93	2.00				C
MV-1	1HV-5537	1HV-5536	12/05/93	5600.00	7.06000E-03	1.97775E-01	12/05/93	5600.00	7.06000E-03	1.97775E-01	SIMULTANEOUSLY	C
MV-2	1HV-5539	1HV-5538	12/05/93	4000.00	7.06000E-03	1.41268E-01	12/05/93	4000.00	7.06000E-03	1.41268E-01	SIMULTANEOUSLY	C
MV-5	1CA-016		10/12/93	156.20			11/06/93	156.20			INDIVIDUALLY IN SERIES	C
		1HV-3486	10/13/93	5880.00	7.06000E-03	2.07664E-01	11/06/93	359.00	7.06000E-04	1.26788E-02		C
MV-6	1HV-4725		10/24/93	25.00	7.06000E-05	8.82924E-04	10/24/93	25.00	7.06000E-05	8.82924E-04	INDIVIDUALLY	C
		1HV-4726	10/24/93	20.00			10/24/93	20.00			SIMULTANEOUSLY/PARALLEL	C
		1CC-1067	-	-	-	-	-	-	-	-		
MV-7		1LT-004	10/08/93	3.50	7.06000E-06	1.23609E-04	12/02/93	88.00	7.06000E-05	3.10789E-03		B
MV-8	1-8026		10/31/93	20.00	7.06000E-05	7.06339E-04	10/31/93	20.00	7.06000E-05	7.06339E-04	INDIVIDUALLY IN SERIES	C
		1-8027	10/31/93	20.00			10/31/93	20.00				C
MV-9	1HV-4701		11/10/93	5120.00	7.06000E-03	1.80823E-01	11/10/93	5120.00	7.06000E-03	1.80823E-01	SIMULTANEOUSLY/PARALLEL	C
	1CC-629											
		1HV-4708	11/10/93	3530.00			11/10/93	3530.00			INDIVIDUALLY	C
MV-10	1CC-713		10/24/93	498.00	7.06000E-04	1.75879E-02	11/25/93	782.00			INDIVIDUALLY IN SERIES	C
		1HV-4700	10/24/93	487.00			11/25/93	3480.00	7.06000E-03	1.22903E-01		C
THIS PAGE TOTALS ==>						0.95				0.71		
LAST PAGE TOTALS ==>						0.35				0.28		
COMBINED TOTAL ==>						1.31				0.99		

PENETRATION OR COMPONENT	INSIDE CNTMNT	OUTSIDE CNTMNT	AS FOUND TEST DATE	AS FOUND LEAK RATE SCCM	LEAK RATE ERROR SCFM	AS FOUND MAX PATHWAY SCFM	AS LEFT TEST DATE	AS LEFT LEAK RATE SCCM	LEAK RATE ERROR SCFM	AS LEFT MAX PATHWAY SCFM	TEST CONFIGURATION	PENET TEST TYPE
MV-11	1HV-4696		10/27/93	4910.00	7.06000E-03	1.73406E-01	11/11/93	550.00			SIMULTANEOUSLY/PARALLEL	C
	1CC-831		-	-			-	-				
		1HV-4709	10/27/93	1790.00			10/27/93	1790.00	7.06000E-04	6.32174E-02	INDIVIDUALLY	C
MV-12	1CH-024		10/30/93	446.00	7.06000E-04	1.57514E-02	12/01/93	166.00	7.06000E-05	5.86262E-03	INDIVIDUALLY	C
		1HV-6084	10/30/93	125.00			12/01/93	20.00			SIMULTANEOUSLY/PARALLEL	C
		1CH-271	-	-			-	-				
MV-13	1HV-6083		11/07/93	958.00			11/07/93	958.00			INDIVIDUALLY	C
		1HV-6082	11/07/93	1915.00	7.06000E-04	6.76320E-02	11/07/93	1915.00	7.06000E-04	6.76320E-02	SIMULTANEOUSLY/PARALLEL	C
		1CH-272	-	-			-	-				
MV-14	1HV-5549	1HV-5548	10/28/93	382.00	7.06000E-04	1.34911E-02	11/25/93	709.00	7.06000E-04	2.50397E-02	SIMULTANEOUSLY	C
MV-15		1PN-01	12/17/92	20.00	7.06000E-05	7.06339E-04	11/26/93	20.00	7.06000E-05	7.06339E-04	MAINTENANCE PENETRATION	B
MV-16	1HV-4075C		10/10/93	18.60	7.06000E-06	6.56896E-04	10/24/93	69.20				C
		1HV-4075B	10/10/93	3.20			10/24/93	117.70	7.06000E-05	4.15681E-03	INDIVIDUALLY IN SERIES	C
MS-5	BLIND FLANGE		11/24/93	20.00	7.06000E-05	1.41268E-03	11/24/93	20.00	7.06000E-05	1.41268E-03		B
		1SF-055	11/24/93	20.00	7.06000E-05		11/24/93	20.00	7.06000E-05		INDIVIDUALLY IN PARALLEL	B
810' ELECT PENET'S			04/15/93	20.00	7.06000E-05	7.06339E-04	04/15/93	20.00	7.06000E-05	7.06339E-04		B
832' ELECT PENET'S			04/15/93	20.00	7.06000E-05	7.06339E-04	04/15/93	20.00	7.06000E-05	7.06339E-04		B
852' ELECT PENET'S			04/14/93	20.00	7.06000E-05	7.06339E-04	04/14/93	20.00	7.06000E-05	7.06339E-04		B
E-75 FUEL BLDG			04/15/93	20.00	7.06000E-05	7.06339E-04	04/15/93	20.00	7.06000E-05	7.06339E-04		B
EQUIP HATCH (Seals)			11/26/93	20.00	7.06000E-05	7.06339E-04	12/03/93	20.00	7.06000E-05	7.06339E-04		B
PERSONNEL AIRLOCK OVERALL			12/06/93	4820.00	7.06000E-03	1.70228E-01	12/06/93	4820.00	7.06000E-03	1.70228E-01		B
	:INNER SEAL		12/07/93	20.00			12/07/93	20.00				B
		OUTER SEAL	12/07/93	20.00			12/07/93	20.00				B
EMERGENCY AIRLOCK OVERALL			07/27/93	10270.00	7.06000E-03	3.62705E-01	07/27/93	10270.00	7.06000E-03	3.62705E-01		B
	:INNER SEAL		12/07/93	248.00			12/07/93	248.00				B
		OUTER SEAL	12/07/93	85.90			12/07/93	85.90				B

THIS PAGE TOTALS ==========>	SQRT OF ALL MAX ==>	2.13011E-02	0.81	SQRT OF ALL MAX ==>	1.88432E-02	0.70
LAST PAGE TOTALS ==========>	ERRORS SQUARED		1.31	ERRORS SQUARED		0.99
COMBINED LEAKAGE + ERROR =====>			2.136742			1.715192 SCFM AS LEFT CONDITION
Upper Confidence Limit (UCL) =>			128.20			102.91 SCFH (UCL)
MARGIN (320 - UCL) ==========>			191.80			217.09

PENETRATION OR COMPONENT	INSIDE CNTMNT	OUTSIDE CNTMNT	AS FOUND TEST DATE	AS FOUND LEAK RATE SCCM	LEAK RATE ERROR SCFM	AS FOUND MAX PATHWAY SCFM	AS LEFT TEST DATE	AS LEFT LEAK RATE SCCM	LEAK RATE ERROR SCFM	AS LEFT MAX PATHWAY SCFM	TEST CONFIGURATION	PENET TEST TYPE
							11/13/92	460.00			INDIVIDUALLY IN SERIES	C
MII-1	1-8160		11/13/92	460.00								C
		1-8152	11/13/92	958.00	7.06000E-04	3.38337E-02	11/13/92	958.00	7.06000E-04	3.38337E-02		C
							11/22/92	20.00	7.06000E-05		INDIVIDUALLY IN PARALLEL	C
MII-2	1-8701B		11/22/92	20.00	7.06000E-05		11/22/92	93.00	7.06000E-05	3.99082E-03		C
	1-8708B		11/22/92	93.00	7.06000E-05	3.99082E-03						
MII-3	1-8701A		11/19/92	683.00	7.06000E-04	2.48278E-02	11/19/92	683.00	7.06000E-04	2.48278E-02	INDIVIDUALLY IN PARALLEL	C
	1-8708A		11/19/92	20.00	7.06000E-05		11/19/92	20.00	7.06000E-05			C
MII-4	1-8890A		12/14/92	20.00	7.06000E-05	7.06339E-04	12/14/92	20.00	7.06000E-05	7.06339E-04	INDIVIDUALLY	C
MII-5	1-8890B		11/22/92	20.00	7.06000E-05	7.06339E-04	11/22/92	20.00	7.06000E-05	7.06339E-04	INDIVIDUALLY	C
MII-9		1PN-02	11/08/92	20.00	7.06000E-05	2.11902E-03	11/08/92	20.00	7.06000E-05	2.11902E-03	INDIVIDUALLY IN PARALLEL	B
		1PN-03	11/08/92	20.00	7.06000E-05		11/08/92	20.00	7.06000E-05			B
		1PN-04	11/08/92	20.00	7.06000E-05		11/08/92	20.00	7.06000E-05			B
MIII-1	1-8046		11/16/92	654.00	7.06000E-04	2.30973E-02	11/16/92	654.00	7.06000E-04	2.30973E-02	INDIVIDUALLY IN SERIES	C
		1-8047	11/16/92	35.60			11/16/92	35.60				C
MIII-6	1-8381		11/15/92	29.20	7.06000E-05	1.03126E-03	11/15/92	29.20	7.06000E-05	1.03126E-03	INDIVIDUALLY IN SERIES	C
		1-8105	11/15/92	25.60			11/15/92	25.60				C
MIII-11	1-8112		11/20/92	150.00	7.06000E-05	5.29755E-03	11/20/92	150.00	7.06000E-05	5.29755E-03	SIMULTANEOUSLY/PARALLEL	C
	1CS-8180		^	^	^		^	^	^			
		1-8100	11/20/92	20.00			11/20/92	20.00			INDIVIDUALLY	C
MIII-12	1-7136		11/19/92	20.00	7.06000E-05	7.06339E-04	11/19/92	20.00	7.06000E-05	7.06339E-04	INDIVIDUALLY	C
		1-7135	11/19/92	20.00			11/19/92	20.00			SIMULTANEOUSLY/PARALLEL	C
		1LCV-1003			^	^			^	^		
		1WP-7176			^	^			^	^		
												C
MIII-16	1SF-012		11/02/92	330.00			11/02/92	330.00				
		1SF-011	11/02/92	390.00	7.06000E-04	1.37736E-02	11/02/92	390.00	7.06000E-04	1.37736E-02	INDIVIDUALLY IN SERIES	C
MIII-18	1HV-5543	1HV-5542	12/15/92	90.00	7.06000E-05	3.17853E-03	12/15/92	90.00	7.06000E-05	3.17853E-03	SIMULTANEOUSLY/PARALLEL	C
	1HV-5563		^	^			^	^				
MIII-19	1HV-5541	1HV-5540	12/15/92	4390.00	7.06000E-03	1.55041E-01	12/15/92	4390.00	7.06000E-03	1.55041E-01	SIMULTANEOUSLY/PARALLEL	C
	1HV-5562		^	^			^	^				
MIII-20	1DD-430	1HV-5365	12/08/92	620.00			12/08/92	620.00			SIMULTANEOUSLY	C
	1HV-5366		12/08/92	663.00	7.06000E-04	2.34152E-02	12/08/92	663.00	7.06000E-04	2.34152E-02	INDIVIDUALLY	C
MIII-21	1HV-5158	1HV-5157									SIMULTANEOUSLY	C
		1VD-907	11/18/92	21.60	7.06000E-05	7.62847E-04	11/18/92	21.60	7.06000E-05	7.62847E-04		
THIS PAGE TOTALS ==>						0.29				0.29		

PENETRATION OR	INSIDE	OUTSIDE	AS FOUND	AS FOUND	LEAK RATE	AS FOUND	AS LEFT	AS LEFT	LEAK RATE	AS LEFT	TEST CONFIGURATION	PENET

COMPONENT	CNTMNT	CNTMNT	TEST DATE	LEAK RATE SCCM	ERROR SCFM	MAX PATHWAY SCFM	TEST DATE	LEAK RATE SCCM	ERROR SCFM	MAX PATHWAY SCFM		TEST TYPE
MIII-22	1CI-030		11/20/92	310.00			11/20/92	310.00			INDIVIDUALLY IN SERIES	C
		1HV-3487	11/20/92	350.00	7.06000E-04	1.23609E-02	11/20/92	350.00	7.06000E-04	1.23609E-02		C
MIII-23	1-8825		11/19/92	20.00	7.06000E-05	7.06339E-04	11/19/92	20.00	7.06000E-05	7.06339E-04	INDIVIDUALLY	C
MIII-27	1SF-021		12/03/92	20.00	7.06000E-05	7.06339E-04	12/03/92	20.00	7.06000E-05	7.06339E-04	INDIVIDUALLY IN SERIES	C
		1SF-022	12/03/92	20.00			12/03/92	20.00				C
MIII-30		1LT-002	11/16/92	620.00	7.06000E-04	2.18965E-02	11/16/92	20.00	7.06000E-05	7.06339E-04		B
MIII-31	1SF-053		12/05/92	30.00	7.06000E-05	1.05951E-03	12/05/92	30.00	7.06000E-05	1.05951E-03	INDIVIDUALLY IN SERIES	C
		1SF-054	12/05/92	23.00			12/05/92	23.00				C
MIV-1(b)	1HV-4168		11/23/92	20.00			11/23/92	20.00			INDIVIDUALLY IN PARALLEL	C
	1HV-4169		11/23/92	369.00	7.06000E-04	1.37383E-02	11/23/92	389.00	7.06000E-04	1.44446E-02		C
		1HV-4170	11/23/92	20.00			11/23/92	20.00			SIMULTANEOUSLY/PARALLEL	C
		1PS-503										
MIV-2(b)	1HV-4166		11/22/92	330.00	7.06000E-04	1.16546E-02	11/22/92	330.00	7.06000E-04	1.16546E-02	INDIVIDUALLY	C
		1HV-4167	11/22/92	3.00			11/22/92	3.00			SIMULTANEOUSLY/PARALLEL	C
		1PS-501	^	^			^	^				
MIV-2(c)	1HV-4165		11/21/92	20.00			11/21/92	20.00			INDIVIDUALLY	C
		1HV-4176	11/21/92	550.00	7.06000E-04	1.94243E-02	11/21/92	550.00	7.06000E-04	1.94243E-02	SIMULTANEOUSLY/PARALLEL	C
		1PS-502										
MIV-3(b)	1HV-4171		11/22/92	20.00	7.06000E-05	5.93325E-03	11/22/92	20.00	7.06000E-05	8.05227E-03	INDIVIDUALLY IN PARALLEL	C
	1HV-4172		11/22/92	108.00	7.06000E-05		11/22/92	168.00	7.06000E-05			C
	1HV-4173		11/22/92	20.00	7.06000E-05		11/22/92	20.00	7.06000E-05			C
	1HV-4174		11/22/92	20.00	7.06000E-05		11/22/92	20.00	7.06000E-05			C
		1HV-4175	11/22/92	20.00			11/22/92	20.00			SIMULTANEOUSLY/PARALLEL	C
		1PS-500										
MIV-3(c)	1HV-7312		11/17/92	20.00	7.06000E-05		11/17/92	20.00	7.06000E-05		INDIVIDUALLY	C
		1HV-7311	11/17/92	20.00			11/17/92	20.00			SIMULTANEOUSLY/PARALLEL	C
		1WP-7177	^	^			^	^				
MIV-4(b)	1-8871		11/21/92	20.00	7.06000E-05	7.06339E-04	11/21/92	20.00	7.06000E-05	7.06339E-04	INDIVIDUALLY	C
		1-8964	11/21/92	20.00			11/21/92	20.00			SIMULTANEOUSLY/PARALLEL	C
		1-8888	^	^	^	^	^	^	^	^		
		1SI-8972	^	^	^	^	^	^	^	^		
THIS PAGE TOTALS ==>						0.09				0.07		
LAST PAGE TOTALS ==>						0.29				0.29		
COMBINED TOTAL ==>						0.38				0.36		

PENETRATION OR COMPONENT	INSIDE CNTMNT	OUTSIDE CNTMNT	AS FOUND TEST DATE	AS FOUND LEAK RATE SCCM	LEAK RATE ERROR SCFM	AS FOUND MAX PATHWAY SCFM	AS LEFT TEST DATE	AS LEFT LEAK RATE SCCM	LEAK RATE ERROR SCFM	AS LEFT MAX PATHWAY SCFM	TEST CONFIGURATION	PENET TEST TYPE
MIV-4(c)	1HV-5557		12/06/92	20.00	7.06000E-05	7.06339E-04	12/06/92	20.00	7.06000E-05	7.06339E-04	INDIVIDUALLY IN SERIES	C

		1HV-5556	12/06/92	20.00			||	12/06/92	20.00				C
MIV-8(a)	1HV-5545		12/15/92	20.00	7.06000E-05	7.06339E-04	||	12/15/92	20.00	7.06000E-05	7.06339E-04	INDIVIDUALLY IN SERIES	C
		1HV-5544	12/15/92	20.00			||	12/15/92	20.00				C
MIV-9(a)	1HV-5559		11/10/92	20.00	7.06000E-05	7.06339E-04	||	11/10/92	20.00	7.06000E-05	7.06339E-04	INDIVIDUALLY IN SERIES	C
		1HV-5558	11/10/92	20.00			||	11/10/92	20.00				C
MIV-10(a)	1HV-5561		11/10/92	20.00	7.06000E-05	7.06339E-04	||	11/10/92	20.00	7.06000E-05	7.06339E-04	INDIVIDUALLY IN SERIES	C
		1HV-5560	11/10/92	20.00			||	11/10/92	20.00				C
MIV-10(c)	1HV-5547		10/16/92	2760.00	7.06000E-03	9.74748E-02	||	12/20/92	28.00	7.06000E-05	9.88875E-04	INDIVIDUALLY IN SERIES	C
		1HV-5546	04/12/91	789.00			||	12/16/92	20.00				C
MIV-11(b)	1-8968		04/03/91	4660.00	7.06000E-03	1.64577E-01	||	11/03/92	2260.00	7.06000E-03	7.98164E-02	INDIVIDUALLY IN SERIES	C
		1-8880	04/03/91	129.70			||	12/16/92	1312.00				C
MIV-11(c)	1-7126		11/16/92	20.00			||	11/16/92	20.00			INDIVIDUALLY IN SERIES	C
		1-7150	11/16/92	26.00	7.06000E-05	9.18241E-04	||	11/16/92	26.00	7.06000E-05	9.18241E-04		C
MV-1	1HV-5537	1HV-5536	08/27/92	8500.00	7.06000E-03	3.00194E-01	||	12/17/92	10430.00	7.06000E-03	3.68356E-01	SIMULTANEOUSLY	C
MV-2	1HV-5539	1HV-5538	05/29/92	9140.00	7.06000E-03	3.22797E-01	||	12/18/92	6000.00	7.06000E-03	2.11902E-01	SIMULTANEOUSLY	C
MV-5	1CA-016		04/20/91	334.00			||	12/18/92	668.00			INDIVIDUALLY IN SERIES	C
		1HV-3486	04/20/91	1255.00	7.06000E-04	4.43228E-02	||	12/18/92	1590.00	7.06000E-04	5.61540E-02		C
MV-6	1HV-4725		11/18/92	20.90	7.06000E-05	7.38125E-04	||	11/18/92	20.90	7.06000E-05	7.38125E-04	INDIVIDUALLY	C
		1HV-4726	11/18/92	20.00			||	11/18/92	20.00			SIMULTANEOUSLY/PARALLEL	C
		1CC-1067	^	^	^	^	||	^	^	^	^		
MV-7		1LT-004	11/08/92	20.00	7.06000E-05	7.06339E-04	||	11/08/92	20.00	7.06000E-05	7.06339E-04		B
MV-8	1-8026		11/17/92	20.00	7.06000E-05	7.06339E-04	||	11/17/92	20.00	7.06000E-05	7.06339E-04	INDIVIDUALLY IN SERIES	C
		1-8027	11/17/92	20.00			||	11/17/92	20.00				C
MV-9	1HV-4701		12/15/92	1530.00	7.06000E-04	5.40350E-02	||	12/15/92	1530.00	7.06000E-04	5.40350E-02	SIMULTANEOUSLY/PARALLEL	C
	1CC-629						||						
		1HV-4708	12/15/92	1110.00			||	12/15/92	1110.00			INDIVIDUALLY	C
MV-10	1CC-713		11/05/92	2850.00	7.06000E-03	1.00653E-01	||	11/05/92	2850.00	7.06000E-03	1.00653E-01	INDIVIDUALLY IN SERIES	C
		1HV-4700	11/05/92	2300.00			||	11/05/92	2300.00				C
THIS PAGE TOTALS ==>					1.09						0.88		
LAST PAGE TOTALS ==>					0.38						0.36		
COMBINED TOTAL ==>					1.47						1.24		

PENETRATION OR COMPONENT	INSIDE CNTMNT	OUTSIDE CNTMNT	AS FOUND TEST DATE	AS FOUND LEAK RATE SCCM	LEAK RATE ERROR SCFM	AS FOUND MAX PATHWAY SCFM		AS LEFT TEST DATE	AS LEFT LEAK RATE SCCM	LEAK RATE ERROR SCFM	AS LEFT MAX PATHWAY SCFM	TEST CONFIGURATION	PENET TEST TYPE
MV-11	1HV-4696		12/05/92	20.00			||	12/05/92	20.00				
	1CC-831		^	^			||	^	^			SIMULTANEOUSLY/PARALLEL	C
		1HV-4709	12/05/92	52.00	7.06000E-05	1.83648E-03	||	12/05/92	52.00	7.06000E-05	1.83648E-03	INDIVIDUALLY	C
MV-12	1CH-024		12/06/92	288.00	7.06000E-04	1.01713E-02	||	12/06/92	288.00	7.06000E-04	1.01713E-02	INDIVIDUALLY	C
		1HV-6084	12/06/92	44.00			||	12/06/92	44.00			SIMULTANEOUSLY/PARALLEL	C

		1CH-271	^	^			||	^	^				
MV-13	1HV-6083		12/06/92	471.00			||	12/06/92	471.00			INDIVIDUALLY	C
		1HV-6082	12/06/92	1070.00	7.06000E-04	3.77892E-02	||	12/06/92	1070.00	7.06000E-04	3.77892E-02	SIMULTANEOUSLY/PARALLEL	C
		1CH-272	^	^			||	^	^				
MV-14	1HV-5549	1HV-5548	10/31/92	666.00	7.06000E-04	2.35211E-02	||	01/29/93	580.00	7.06000E-04	2.04838E-02	SIMULTANEOUSLY	C
MV-15		1PN-01	05/06/91	2.00	7.06000E-06	7.06339E-05	||	12/17/92	20.00	7.06000E-05	7.06339E-04	MAINTENANCE PENETRATION	B
MV-16	1HV-4075C		11/14/92	691.00			||	11/14/92	691.00				C
		1HV-4075B	11/14/92	992.00	7.06000E-04	3.50344E-02	||	11/14/92	992.00	7.06000E-04	3.50344E-02	INDIVIDUALLY IN SERIES	C
MS-5	BLIND FLANGE		12/15/92	155.00	7.06000E-05	6.18047E-03	||	12/15/92	155.00	7.06000E-05	6.18047E-03		B
		1SF-055	12/15/92	20.00	7.06000E-05		||	12/15/92	20.00	7.06000E-05		INDIVIDUALLY IN PARALLEL	B
810' ELECT PENET'S			09/11/91	49.00	7.06000E-05	1.73053E-03	||	09/11/91	49.00	7.06000E-05	1.73053E-03		B
832' ELECT PENET'S			09/11/91	3.50	7.06000E-06	1.23609E-04	||	09/11/91	3.50	7.06000E-06	1.23609E-04		B
852' ELECT PENET'S			09/11/91	68.00	7.06000E-05	2.40155E-03	||	09/11/91	68.00	7.06000E-05	2.40155E-03		B
E-75 FUEL BLDG			09/11/91	2.00	7.06000E-06	7.06339E-05	||	09/11/91	2.00	7.06000E-06	7.06339E-05		B
EQUIP HATCH (Seals)			11/30/91	4.00	7.06000E-06	1.41268E-04	||	12/17/92	20.00	7.06000E-05	7.06339E-04		B
PERSONNEL AIRLOCK OVERALL			07/29/92	5260.00	7.06000E-03	1.85767E-01	||	11/02/92	7060	7.06000E-03	2.49338E-01		B
	:INNER SEAL		11/05/92	2.60			||	02/08/93	7.80				B
		OUTER SEAL	11/05/92	2.00			||	02/08/93	36.40				B
EMERGENCY AIRLOCK OVERALL			09/09/92	5120.00	7.06000E-03	1.80823E-01	||	02/04/93	1250.00	7.06000E-04	4.41462E-02		B
	:INNER SEAL		09/09/92	20.00			||	02/04/93	20.00				B
		OUTER SEAL	09/09/92	20.00			||	02/04/93	20.00				B
THIS PAGE TOTALS ==========>			SQRT OF ALL MAX ==>		2.01717E-02	0.49		SQRT OF ALL MAX ==>		1.75280E-02	0.41		
LAST PAGE TOTALS ==========>			ERRORS SQUARED			1.47		ERRORS SQUARED			1.24		
COMBINED LEAKAGE + ERROR =====>						1.976456					1.668356	SCFM AS LEFT CONDITION	
Upper Confidence Limit (UCL) =>						118.59					100.10	SCFH (UCL)	
MARGIN (320 - UCL) ==========>						201.41					219.90		

PENETRATION OR COMPONENT	INSIDE CNTMNT	OUTSIDE CNTMNT	AS FOUND TEST DATE	AS FOUND LEAK RATE SCCM	LEAK RATE ERROR SCFM	AS FOUND MAX PATHWAY SCFM	||	AS LEFT TEST DATE	AS LEFT LEAK RATE SCCM	LEAK RATE ERROR SCFM	AS LEFT MAX PATHWAY SCFM	TEST CONFIGURATION	PENET TEST TYPE
< INDIVIDUAL ACCEPTANCE CRITERIA >													
Personnel Airlock Overall Leak	< 26.665					11.146					14.960		
Emergency Airlock Overall Leak	< 26.665					10.849					2.649		
Personnel Airlock Seal Leakage	< 5.333					0.006					0.077		
Emergency Airlock Seal Leakage	< 5.333					0.042					0.042		
Cntmnt Purge Penet	M11-18	< 26.665				0.191					0.191		
Cntmnt Purge Penet	M11-19	< 26.665				9.302					9.302		
Cntmnt Purge Penet	MV-1	< 26.665				18.012					22.101		
Cntmnt Purge Penet	MV-2	< 26.665				19.368					12.714		

PENETRATION OR COMPONENT	INSIDE CNTMNT	OUTSIDE CNTMNT	AS FOUND TEST DATE	AS FOUND LEAK RATE SCCM	LEAK RATE ERROR SCFM	AS FOUND MAX PATHWAY SCFM	AS LEFT TEST DATE	AS LEFT LEAK RATE SCCM	LEAK RATE ERROR SCFM	AS LEFT MAX PATHWAY SCFM	TEST CONFIGURATION	PENET TEST TYPE
MII-1	1-8160		10/31/91	20.00			10/31/91	20.00			INDIVIDUALLY IN SERIES	C
		1-8152	10/31/91	642.00	7.06000E-04	2.26735E-02	10/31/91	642.00	7.06000E-04	2.26735E-02		C
MII-2	1-8701B		11/01/91	1945.00	7.06000E-04	7.21879E-02	11/05/91	1520.00	7.06000E-04	5.71782E-02	INDIVIDUALLY IN PARALLEL	C
	1-8708B		11/05/91	99.00	7.06000E-05		11/05/91	99.00	7.06000E-05			C
MII-3	1-8701A		10/30/91	1662.00	7.06000E-04	5.87674E-02	11/02/91	5100.00	7.06000E-03	1.80187E-01	INDIVIDUALLY IN PARALLEL	C
	1-8708A		11/02/91	2.00	7.06000E-06		11/02/91	2.00	7.06000E-06			C
MII-4	1-8890A		10/31/91	2.00	7.06000E-06	7.06339E-05	10/31/91	2.00	7.06000E-06	7.06339E-05	INDIVIDUALLY	C
MII-5	1-8890B		10/31/91	2.00	7.06000E-06	7.06339E-05	10/31/91	2.00	7.06000E-06	7.06339E-05	INDIVIDUALLY	C
MII-9		1PN-02	05/06/91	4.90	7.06000E-06	1.11955E-03	05/06/91	4.90	7.06000E-06	1.11955E-03	INDIVIDUALLY IN PARALLEL	B
		1PN-03	05/06/91	4.00	7.06000E-06		05/06/91	4.00	7.06000E-06			B
		1PN-04	05/06/91	22.80	7.06000E-05		05/06/91	22.80	7.06000E-05			B
MIII-1	1-8046		10/30/91	20.00	7.06000E-05	7.06339E-04	10/30/91	20.00	7.06000E-05	7.06339E-04	INDIVIDUALLY IN SERIES	C
		1-8047	10/30/91	20.00			10/30/91	20.00				C
MIII-6	1-8381		11/02/91	2.00			11/02/91	2.00			INDIVIDUALLY IN SERIES	C
		1-8105	10/30/91	20.00	7.06000E-05	7.06339E-04	11/02/91	282.00	7.06000E-04	9.95939E-03		C
MIII-11	1-8112		04/03/91	149.00	7.06000E-05	5.26223E-03	04/03/91	149.00	7.06000E-05	5.26223E-03	SIMULTANEOUSLY/PARALLEL	C
	1CS-8180		-	-	-		-	-	-			
		1-8100	04/03/91	2.29			04/03/91	2.29			INDIVIDUALLY	C
MIII-12	1-7136		11/02/91	2.00			11/02/91	2.00			INDIVIDUALLY	C
		1-7135	11/02/91	3.81	7.06000E-06	1.34558E-04	11/02/91	3.81	7.06000E-06	1.34558E-04	SIMULTANEOUSLY/PARALLEL	C
		1LCV-1003			-	-			-	-		
		1WP-7176			-	-			-	-		
MIII-16	1SF-012		04/02/91	2.25			04/02/91	2.25				C
		1SF-011	04/02/91	32.70	7.06000E-05	1.15486E-03	04/02/91	32.70	7.06000E-05	1.15486E-03	INDIVIDUALLY IN SERIES	C
MIII-18	1HV-5543	1HV-5542	12/06/91	12510.00	7.06000E-03	4.41815E-01	12/06/91	12570.00	7.06000E-03	4.43934E-01	SIMULTANEOUSLY/PARALLEL	C
	1HV-5563		-	-			-	-				
MIII-19	1HV-5541	1HV-5540	11/30/91	4700.00	7.06000E-03	1.65990E-01	11/30/91	4700.00	7.06000E-03	1.65990E-01	SIMULTANEOUSLY/PARALLEL	C
	1HV-5562		-	-			-	-				
MIII-20	1DD-430	1HV-5365	04/21/91	179.00	7.06000E-05	6.32174E-03	04/21/91	179.00	7.06000E-05	6.32174E-03	SIMULTANEOUSLY	C
	1HV-5366		04/21/91	18.00			04/21/91	18.00			INDIVIDUALLY	C
MIII-21	1HV-5158	1HV-5157	11/04/91	20.00	7.06000E-05	7.06339E-04	11/04/91	20.00	7.06000E-05	7.06339E-04	SIMULTANEOUSLY	C
		1VD-907										
THIS PAGE TOTALS ==>						0.78				0.90		

PENETRATION OR COMPONENT	INSIDE CNTMNT	OUTSIDE CNTMNT	AS FOUND TEST DATE	AS FOUND LEAK RATE SCCM	LEAK RATE ERROR SCFM	AS FOUND MAX PATHWAY SCFM	AS LEFT TEST DATE	AS LEFT LEAK RATE SCCM	LEAK RATE ERROR SCFM	AS LEFT MAX PATHWAY SCFM	TEST CONFIGURATION	PENET TEST TYPE
MIII-22	1CI-030		04/20/91	21.20			04/20/91	21.20			INDIVIDUALLY IN SERIES	C
		1HV-3487	04/20/91	143.00	7.06000E-05	5.05033E-03	04/20/91	143.00	7.06000E-05	5.05033E-03		C
MIII-23	1-8825		11/01/91	220.00	7.06000E-04	7.76973E-03	11/01/91	220.00	7.06000E-04	7.76973E-03	INDIVIDUALLY	C
MIII-27	1SF-021		04/05/91	5.17			04/05/91	5.17			INDIVIDUALLY IN SERIES	C
		1SF-022	04/05/91	10.12	7.06000E-06	3.57408E-04	04/05/91	10.12	7.06000E-06	3.57408E-04		C
MIII-30		1LT-002	11/20/91	3.70	7.06000E-06	1.30673E-04	11/20/91	3.70	7.06000E-06	1.30673E-04		B
MIII-31	1SF-053		04/05/91	5.34	7.06000E-06	1.88593E-04	04/05/91	5.34	7.06000E-06	1.88593E-04	INDIVIDUALLY IN SERIES	C
		1SF-054	04/05/91	3.15			04/05/91	3.15				C
MIV-1(b)	1HV-4168		11/05/91	2957.00	7.06000E-03	1.09977E-01	11/27/91	2.00			INDIVIDUALLY IN PARALLEL	C
	1HV-4169		11/27/91	157.00			11/27/91	157.00				C
		1HV-4170	11/27/91	225.00			11/27/91	225.00	7.06000E-04	7.94632E-03	SIMULTANEOUSLY/PARALLEL	C
		1PS-503										
MIV-2(b)	1HV-4166		11/05/91	385.00	7.06000E-04	1.35970E-02	11/05/91	385.00	7.06000E-04	1.35970E-02	INDIVIDUALLY	C
		1HV-4167	11/05/91	40.10	7.06000E-05		11/05/91	40.10	7.06000E-05		SIMULTANEOUSLY/PARALLEL	C
		1PS-501	-	-			-	-				
MIV-2(c)	1HV-4165		11/02/91	9.20			11/02/91	9.20			INDIVIDUALLY	C
		1HV-4176	11/02/91	30.30	7.06000E-05	1.07010E-03	11/02/91	30.30	7.06000E-05	1.07010E-03	SIMULTANEOUSLY/PARALLEL	C
		1PS-502										
MIV-3(b)	1HV-4171		11/01/91	270.00	7.06000E-04	3.84249E-02	11/01/91	270.00	7.06000E-04	3.84249E-02	INDIVIDUALLY IN PARALLEL	C
	1HV-4172		11/01/91	288.00	7.06000E-04		11/01/91	288.00	7.06000E-04			C
	1HV-4173		11/01/91	272.00	7.06000E-04		11/01/91	272.00	7.06000E-04			C
	1HV-4174		11/01/91	258.00	7.06000E-04		11/01/91	258.00	7.06000E-04			C
		1HV-4175	11/01/91	20.00			11/01/91	20.00			SIMULTANEOUSLY/PARALLEL	C
		1PS-500										
MIV-3(c)	1HV-7312		11/03/91	2.39	7.06000E-06	8.44076E-05	11/03/91	2.39	7.06000E-06	8.44076E-05	INDIVIDUALLY	C
		1HV-7311	11/03/91	2.00			11/03/91	2.00			SIMULTANEOUSLY/PARALLEL	C
		1WP-7177	-	-			-	-				
MIV-4(b)	1-8871		04/04/91	2.20	7.06000E-06	7.76973E-05	04/04/91	2.20	7.06000E-06	7.76973E-05	INDIVIDUALLY	C
		1-8964	04/04/91	2.00			04/04/91	2.00			SIMULTANEOUSLY/PARALLEL	C
		1-8888	-	-	-	-	-	-	-	-		
		1SI-8972	-	-	-	-	-	-	-	-		
THIS PAGE TOTALS ==>						0.18				0.07		
LAST PAGE TOTALS ==>						0.78				0.90		
COMBINED TOTAL ==>						0.95				0.97		

PENETRATION OR COMPONENT	INSIDE CNTMNT	OUTSIDE CNTMNT	AS FOUND TEST DATE	AS FOUND LEAK RATE SCCM	LEAK RATE ERROR SCFM	AS FOUND MAX PATHWAY SCFM	AS LEFT TEST DATE	AS LEFT LEAK RATE SCCM	LEAK RATE ERROR SCFM	AS LEFT MAX PATHWAY SCFM	TEST CONFIGURATION	PENET TEST TYPE
MIV-4(c)	1HV-5557		10/31/91	2.00	7.06000E-06	7.06339E-05	10/31/91	2.00	7.06000E-06	7.06339E-05	INDIVIDUALLY IN SERIES	C
		1HV-5556	10/31/91	2.00			10/31/91	2.00				C
MIV-8(a)	1HV-5545		04/12/91	5.40			04/12/91	5.40			INDIVIDUALLY IN SERIES	C
		1HV-5544	04/12/91	7.80	7.06000E-06	2.75472E-04	04/12/91	7.80	7.06000E-06	2.75472E-04		C
MIV-9(a)	1HV-5559		10/13/91	20.00	7.06000E-05	7.06339E-04	10/13/91	20.00	7.06000E-05	7.06339E-04	INDIVIDUALLY IN SERIES	C
		1HV-5558	10/13/91	20.00			10/13/91	20.00				C
MIV-10(a)	1HV-5561		10/13/91	20.00	7.06000E-05	7.06339E-04	10/13/91	20.00	7.06000E-05	7.06339E-04	INDIVIDUALLY IN SERIES	C
		1HV-5560	10/13/91	20.00			10/13/91	20.00				C
MIV-10(c)	1HV-5547		04/12/91	5250.00	7.06000E-03	1.85414E-01	04/28/91	2.80			INDIVIDUALLY IN SERIES	C
		1HV-5546	04/12/91	789.00			04/28/91	186.80	7.06000E-05	6.59721E-03		C
MIV-11(b)	1-8968		04/03/91	4660.00	7.06000E-03	1.64577E-01	04/16/91	885.00	7.06000E-04	3.12555E-02	INDIVIDUALLY IN SERIES	C
		1-8880	04/03/91	129.70			04/03/91	129.70				C
MIV-11(c)	1-7126		11/26/91	2.00			11/26/91	2.00			INDIVIDUALLY IN SERIES	C
		1-7150	11/26/91	2.58	7.06000E-06	9.11178E-05	11/26/91	2.58	7.06000E-06	9.11178E-05		C
MV-1	1HV-5537	1HV-5536	11/30/91	8990.00	7.06000E-03	3.17500E-01	11/30/91	8990.00	7.06000E-03	3.17500E-01	SIMULTANEOUSLY	C
MV-2	1HV-5539	1HV-5538	11/30/91	12390.00	7.06000E-03	4.37577E-01	11/30/91	12390.00	7.06000E-03	4.37577E-01	SIMULTANEOUSLY	C
MV-5	1CA-016		04/20/91	334.00			04/20/91	334.00			INDIVIDUALLY IN SERIES	C
		1HV-3736	04/20/91	1255.00	7.06000E-04	4.43228E-02	04/20/91	1255.00	7.06000E-04	4.43228E-02		C
MV-6	1HV-4725		04/17/91	1452.00	7.06000E-04	5.12802E-02	04/22/91	204.00	7.06000E-04	7.20466E-03	INDIVIDUALLY	C
		1HV-4726	04/17/91	2.00			04/17/91	2.00			SIMULTANEOUSLY/PARALLEL	C
		1CC-1067	-	-	-	-	-	-	-	-		
MV-7		1LT-004	05/06/91	25.00	7.06000E-05	8.82924E-04	05/06/91	25.00	7.06000E-05	8.82924E-04		B
MV-8	1-8026		04/26/91	16.30	7.06000E-06	5.75667E-04	04/26/91	16.30	7.06000E-06	5.75667E-04	INDIVIDUALLY IN SERIES	C
		1-8027	04/26/91	9.30			04/26/91	9.30				C
MV-9	1HV-4701		10/10/91	558.00			11/02/91	113.80			SIMULTANEOUSLY/PARALLEL	C
	1CC-629											
		1HV-4708	04/04/91	1162.00	7.06000E-04	4.10383E-02	04/28/91	2240.00	7.06000E-03	7.91100E-02	INDIVIDUALLY	C
MV-10	1CC-713		04/21/91	906.00	7.06000E-04	3.19972E-02	04/21/91	906.00	7.06000E-04	3.19972E-02	INDIVIDUALLY IN SERIES	C
		1HV-4700	04/04/91	5.80			04/21/91	20.00				C
THIS PAGE TOTALS ==>						1.28				0.96		
LAST PAGE TOTALS ==>						0.95				0.97		
COMBINED TOTAL ==>						2.23				1.93		

PENETRATION OR COMPONENT	INSIDE CNTMNT	OUTSIDE CNTMNT	AS FOUND TEST DATE	AS FOUND LEAK RATE SCCM	LEAK RATE ERROR SCFM	AS FOUND MAX PATHWAY SCFM	AS LEFT TEST DATE	AS LEFT LEAK RATE SCCM	LEAK RATE ERROR SCFM	AS LEFT MAX PATHWAY SCFM	TEST CONFIGURATION	PENET TEST TYPE
MV-11	1HV-4696		10/10/91	2620.00	7.06000E-03	9.25305E-02	11/03/91	488.00	7.06000E-04	1.72347E-02	SIMULTANEOUSLY/PARALLEL	C
	1CC-831		-	-			-	-				
		1HV-4709	04/04/91	15.60			05/01/91	45.10			INDIVIDUALLY	C
MV-12	1CH-024		04/12/91	154.00	7.06000E-05	5.43881E-03	04/12/91	154.00	7.06000E-05	5.43881E-03	INDIVIDUALLY	C
		1HV-6084	04/12/91	102.00			04/12/91	102.00			SIMULTANEOUSLY/PARALLEL	C
		1CH-271	-	-			-	-				
MV-13	1HV-6083		10/10/91	1020.00	7.06000E-04	3.60233E-02	10/10/91	1020.00	7.06000E-04	3.60233E-02	INDIVIDUALLY	C
		1HV-6082	10/10/91	42.00			10/10/91	42.00			SIMULTANEOUSLY/PARALLEL	C
		1CH-272	-	-			-	-				
MV-14	1HV-5549	1HV-5548	12/05/91	315.00	7.06000E-04	1.11248E-02	12/05/91	315.00	7.06000E-04	1.11248E-02	SIMULTANEOUSLY	C
MV-15		1PN-01	05/06/91	2.00	7.06000E-06	7.06339E-05	05/06/91	2.00	7.06000E-06	7.06339E-05	MAINTENANCE PENETRATION	B
MV-16	1HV-4075C		10/08/91	64.30	7.06000E-05	2.27088E-03	10/08/91	64.30	7.06000E-05	2.27088E-03		C
		1HV-4075B	10/08/91	2.00			10/08/91	2.00			INDIVIDUALLY IN SERIES	C
MS-5	BLIND FLANGE		11/23/91	2.00	7.06000E-06	1.87886E-03	11/23/91	2.00	7.06000E-06	1.87886E-03		B
		1SF-055	10/08/91	51.20	7.06000E-05		10/08/91	51.20	7.06000E-05		INDIVIDUALLY IN PARALLEL	B
810' ELECT PENET'S			09/11/91	49.00	7.06000E-05	1.73053E-03	09/11/91	49.00	7.06000E-05	1.73053E-03		B
832' ELECT PENET'S			09/11/91	3.50	7.06000E-06	1.23609E-04	09/11/91	3.50	7.06000E-06	1.23609E-04		B
852' ELECT PENET'S			09/11/91	68.00	7.06000E-05	2.40155E-03	09/11/91	68.00	7.06000E-05	2.40155E-03		B
E-75 FUEL BLDG			09/11/91	2.00	7.06000E-06	7.06339E-05	09/11/91	2.00	7.06000E-06	7.06339E-05		B
EQUIP HATCH (Seals)			11/30/91	4.00	7.06000E-06	1.41268E-04	11/30/91	4.00	7.06000E-06	1.41268E-04		B
PERSONNEL AIRLOCK OVERALL			08/15/91	8380	7.06000E-03	2.95956E-01	08/15/91	8380	7.06000E-03	2.95956E-01		B
	:INNER SEAL		12/05/91	10.90			12/05/91	10.90				B
		OUTER SEAL	12/05/91	2.90			12/05/91	2.90				B
EMERGENCY AIRLOCK OVERALL			09/13/91	2200.00	7.06000E-03	7.76973E-02	09/13/91	2200.00	7.06000E-03	7.76973E-02		B
	:INNER SEAL		11/26/91	5.00			11/26/91	5.00				B
		OUTER SEAL	11/26/91	24.00			11/26/91	24.00				B

THIS PAGE TOTALS ==========>	SQRT OF ALL MAX ==>	2.24946E-02	0.53	SQRT OF ALL MAX ==> 2.01821E-02	0.45
LAST PAGE TOTALS ==========>	ERRORS SQUARED		2.23	ERRORS SQUARED	1.93
COMBINED LEAKAGE + ERROR =====>			2.781384		2.401384 SCFM AS LEFT CONDITION
Upper Confidence Limit (UCL) =>			166.88		144.08 SCFH (UCL)
MARGIN (320 - UCL) ==========>			153.12		175.92

PENETRATION OR COMPONENT	INSIDE CNTMNT	OUTSIDE CNTMNT	AS FOUND TEST DATE	AS FOUND LEAK RATE SCCM	LEAK RATE ERROR SCFM	AS FOUND MAX PATHWAY SCFM	AS LEFT TEST DATE	AS LEFT LEAK RATE SCCM	LEAK RATE ERROR SCFM	AS LEFT MAX PATHWAY SCFM	TEST CONFIGURATION	PENET TEST TYPE
MII-1	1-8160		11/08/89	5.87			11/08/89	5.87			INDIVIDUALLY IN SERIES	C
		1-8152	11/08/89	326.00	7.06000E-04	1.15133E-02	11/08/89	326.00	7.06000E-04	1.15133E-02		C
MII-2	1-8701A		11/09/89	1480.00	7.06000E-04	5.25467E-02	11/09/89	1480.00	7.06000E-04	5.25467E-02	INDIVIDUALLY IN PARALLEL	C
	1-8708A		11/11/89	7.86	7.06000E-06		11/11/89	7.86	7.06000E-06			C
MII-3	1-8701B		11/09/89	2397.00	7.06000E-03	8.53823E-02	11/09/89	2397.00	7.06000E-03	8.53823E-02	INDIVIDUALLY IN PARALLEL	C
	1-8708B		11/08/89	20.60	7.06000E-05		11/08/89	20.60	7.06000E-05			C
MII-4	1-8890A		12/02/89	3.70	7.06000E-06	1.30673E-04	12/02/89	3.70	7.06000E-06	1.30673E-04	INDIVIDUALLY	C
MII-5	1-8890B		12/02/89	26.20	7.06000E-05	9.25305E-04	12/02/89	26.20	7.06000E-05	9.25305E-04	INDIVIDUALLY	C
MII-9		1PN-02	09/28/89	4.33	7.06000E-06	3.18206E-04	09/28/89	4.33	7.06000E-06	3.18206E-04	INDIVIDUALLY IN PARALLEL	B
		1PN-03	-	2.00	7.06000E-06		-	2.00	7.06000E-06			B
		1PN-04	-	2.68	7.06000E-06		-	2.68	7.06000E-06			B
MIII-1	1-8046		11/08/89	10.60			11/08/89	10.60			INDIVIDUALLY IN SERIES	C
		1-8047	11/08/89	108.60	7.06000E-05	3.83542E-03	11/08/89	108.60	7.06000E-05	3.83542E-03		C
MIII-6	1-8381		12/05/89	60.50	7.06000E-05	2.13668E-03	12/05/89	60.50	7.06000E-05	2.13668E-03	INDIVIDUALLY IN SERIES	C
		1-8105	11/22/89	34.60			11/22/89	34.60				C
MIII-11	1-8112		10/12/89	180.70	7.06000E-05	6.38178E-03	10/12/89	180.70	7.06000E-05	6.38178E-03	SIMULTANEOUSLY/PARALLEL	C
	1CS-8180		-	-	-		-	-	-			
		1-8100	10/12/89	4.96			10/12/89	4.96			INDIVIDUALLY	C
MIII-12	1-7136		11/08/89	2.00	7.06000E-06	7.06339E-05	11/08/89	2.00	7.06000E-06	7.06339E-05	INDIVIDUALLY	C
		1-7135	11/08/89	2.00			11/08/89	2.00			SIMULTANEOUSLY/PARALLEL	C
		1LCV-1003	-	-	-	-	-	-	-	-		
		1WP-7176	-	-	-	-	-	-	-	-		
MIII-16	1SF-012		10/10/89	356.00			10/10/89	356.00				C
		1SF-011	10/10/89	432.00	7.06000E-04	1.52569E-02	10/10/89	432.00	7.06000E-04	1.52569E-02	INDIVIDUALLY IN SERIES	C
MIII-18	1HV-5543	1HV-5542	03/01/90	990.00	7.06000E-04	3.49638E-02	03/01/90	990.00	7.06000E-04	3.49638E-02	SIMULTANEOUSLY/PARALLEL	C
	1HV-5563		-	-			-	-				
MIII-19	1HV-5541	1HV-5540	03/01/90	5410.00	7.06000E-03	1.91065E-01	03/01/90	5410.00	7.06000E-03	1.91065E-01	SIMULTANEOUSLY/PARALLEL	C
	1HV-5562		-	-			-	-				
MIII-20	1DD-430	1HV-5365	10/03/89	6.60			10/03/89	6.60			SIMULTANEOUSLY	C
	1HV-5366		10/03/89	157.40	7.06000E-05	5.55889E-03	10/03/89	157.40	7.06000E-05	5.55889E-03	INDIVIDUALLY	C
MIII-21	1HV-5158	1HV-5157	11/22/89	21.80	7.06000E-05	7.69910E-04	11/22/89	21.80	7.06000E-05	7.69910E-04	SIMULTANEOUSLY	C
		1VD-907	-	-			-	-				
THIS PAGE TOTALS ==>						0.41				0.41		

PENETRATION OR COMPONENT	INSIDE CNTMNT	OUTSIDE CNTMNT	AS FOUND TEST DATE	AS FOUND LEAK RATE SCCM	LEAK RATE ERROR SCFM	AS FOUND MAX PATHWAY SCFM	AS LEFT TEST DATE	AS LEFT LEAK RATE SCCM	LEAK RATE ERROR SCFM	AS LEFT MAX PATHWAY SCFM	TEST CONFIGURATION	PENET TEST TYPE
MIII-22	1C1-030		09/19/89	471.00	7.06000E-04	1.66343E-02	09/19/89	471.00	7.06000E-04	1.66343E-02	INDIVIDUALLY IN SERIES	C
		1HV-3487	09/19/89	155.60			09/19/89	155.60				C
MIII-23	1-8825		12/02/89	46.00	7.06000E-05	1.62458E-03	12/02/89	46.00	7.06000E-05	1.62458E-03	INDIVIDUALLY	C
MIII-27	1SF-021		10/22/89	5.70	7.06000E-06	2.01307E-04	10/22/89	5.70	7.06000E-06	2.01307E-04	INDIVIDUALLY IN SERIES	C
		1SF-022	10/22/89	2.00			10/22/89	2.00				C
MIII-30		1LT-002	09/28/89	3.61	7.06000E-06	1.27494E-04	09/28/89	3.61	7.06000E-06	1.27494E-04		B
MIII-31	1SF-053		10/19/89	12.30			10/19/89	12.30			INDIVIDUALLY IN SERIES	C
		1SF-054	10/19/89	13.70	7.06000E-06	4.83842E-04	10/19/89	13.70	7.06000E-06	4.83842E-04		C
MIV-1(b)	1HV-4168		11/06/89	2.00			11/06/89	2.00			INDIVIDUALLY IN PARALLEL	C
	1HV-4169		11/06/89	168.00	7.06000E-05	6.00388E-03	11/06/89	168.00	7.06000E-05	6.00388E-03		C
		1HV-4170	11/07/89	2.00			11/07/89	2.00			SIMULTANEOUSLY/PARALLEL	C
		1PS-503	-	-			-	-				
MIV-2(b)	1HV-4166		11/26/89	2.00			11/26/89	2.00			INDIVIDUALLY	C
		1HV-4167	11/26/89	10.60	7.06000E-06	3.74360E-04	11/26/89	10.60	7.06000E-06	3.74360E-04	SIMULTANEOUSLY/PARALLEL	C
		1PS-501	-	-			-	-				
MIV-2(c)	1HV-4165		12/18/89	2.00			12/18/89	2.00			INDIVIDUALLY	C
		1HV-4176	12/18/89	8.60	7.06000E-06	3.03726E-04	12/18/89	8.60	7.06000E-06	3.03726E-04	SIMULTANEOUSLY/PARALLEL	C
		1PS-502	-	-			-	-				
MIV-3(b)	1HV-4171		11/20/89	2.00			11/20/89	2.00			INDIVIDUALLY IN PARALLEL	C
	1HV-4172		-	57.30			-	57.30				C
	1HV-4173		-	2.00			-	2.00				C
	1HV-4174		-	2.00			-	2.00				C
		1HV-4175	11/20/89	101.30	7.06000E-05	3.57761E-03	11/20/89	101.30	7.06000E-05	3.57761E-03	SIMULTANEOUSLY/PARALLEL	C
		1PS-500	-	-			-	-				
MIV-3(c)	1HV-7312		11/06/89	2.00			11/06/89	2.00			INDIVIDUALLY	C
		1HV-7311	11/06/89	2.29	7.06000E-06	8.08759E-05	11/06/89	2.29	7.06000E-06	8.08759E-05	SIMULTANEOUSLY/PARALLEL	C
		1WP-7177	-	-			-	-				
MIV-4(b)	1-8871		10/04/89	49.70			10/04/89	49.70			INDIVIDUALLY	C
		1-8964	10/04/89	56.80	7.06000E-05	2.00600E-03	10/04/89	56.80	7.06000E-05	2.00600E-03	SIMULTANEOUSLY/PARALLEL	C
		1-8888	-	-	-	-	-	-	-	-		
		1SI-8972	-	-	-	-	-	-	-	-		
THIS PAGE TOTALS ==>				0.03						0.03		
LAST PAGE TOTALS ==>				0.41						0.41		
COMBINED TOTAL ==>				0.44						0.44		

PENETRATION OR COMPONENT	INSIDE CNTMNT	OUTSIDE CNTMNT	AS FOUND TEST DATE	AS FOUND LEAK RATE SCCM	LEAK RATE ERROR SCFM	AS FOUND MAX PATHWAY SCFM	AS LEFT TEST DATE	AS LEFT LEAK RATE SCCM	LEAK RATE ERROR SCFM	AS LEFT MAX PATHWAY SCFM	TEST CONFIGURATION	PENET TEST TYPE
MIV-4(c)	1HV-5557		12/28/89	7.14			12/28/89	7.14			INDIVIDUALLY IN SERIES	C
		1HV-5556	12/04/89	74.40	7.06000E-05	2.62758E-03	12/04/89	74.40	7.06000E-05	2.62758E-03		C
MIV-8(a)	1HV-5545		10/23/89	2.00	7.06000E-06	7.06339E-05	10/23/89	2.00	7.06000E-06	7.06339E-05	INDIVIDUALLY IN SERIES	C
		1HV-5544	10/23/89	2.00			10/23/89	2.00				C
MIV-9(a)	1HV-5559		12/28/89	2.45	7.06000E-06	8.65266E-05	12/28/89	2.45	7.06000E-06	8.65266E-05	INDIVIDUALLY IN SERIES	C
		1HV-5558	12/28/89	2.00			12/28/89	2.00				C
MIV-10(a)	1HV-5561		12/29/89	8.33			12/29/89	8.33			INDIVIDUALLY IN SERIES	C
		1HV-5560	12/29/89	16.29	7.06000E-06	5.75313E-04	12/29/89	16.29	7.06000E-06	5.75313E-04		C
MIV-10(c)	1HV-5547		10/24/89	12.88	7.06000E-06	4.54883E-04	10/24/89	12.88	7.06000E-06	4.54883E-04	INDIVIDUALLY IN SERIES	C
		1HV-5546	10/24/89	2.00			10/24/89	2.00				C
MIV-11(b)	1-8968		09/29/89	139.00			09/29/89	139.00			INDIVIDUALLY IN SERIES	C
		1-8880	09/29/89	155.50	7.06000E-05	5.49179E-03	09/29/89	155.50	7.06000E-05	5.49179E-03		C
MIV-11(c)	1-7126		12/01/89	2.00	7.06000E-06	7.06339E-05	12/01/89	2.00	7.06000E-06	7.06339E-05	INDIVIDUALLY IN SERIES	C
		1-7150	12/01/89	2.00			12/01/89	2.00				C
MV-1	1HV-5537	1HV-5536	03/02/90	10510.00	7.06000E-03	3.71181E-01	03/02/90	10510.00	7.06000E-03	3.71181E-01	SIMULTANEOUSLY	C
MV-2	1HV-5539	1HV-5538	03/06/90	9940.00	7.06000E-03	3.51051E-01	03/06/90	9940.00	7.06000E-03	3.51051E-01	SIMULTANEOUSLY	C
MV-5	1CA-016		10/13/89	231.00			10/13/89	231.00			INDIVIDUALLY IN SERIES	C
		1HV-3486	09/27/89	752.00	7.06000E-04	2.65584E-02	09/27/89	752.00	7.06000E-04	2.65584E-02		C
MV-6	1HV-4725		10/01/89	37.70	7.06000E-05	1.33145E-03	10/01/89	37.70	7.06000E-05	1.33145E-03	INDIVIDUALLY	C
		1HV-4726	10/01/89	2.00			10/01/89	2.00			SIMULTANEOUSLY/PARALLEL	C
		1CC-1067	-	-	-	-	-	-	-	-		
MV-7		1LT-004	09/28/89	72.00	7.06000E-05	2.54282E-03	09/28/89	72.00	7.06000E-05	2.54282E-03		B
MV-8	1-8026		10/11/89	2.00	7.06000E-06	7.06339E-05	10/11/89	2.00	7.06000E-06	7.06339E-05	INDIVIDUALLY IN SERIES	C
		1-8027	12/05/89	2.00			12/05/89	2.00				C
MV-9	1HV-4701		11/22/89	2890.00	7.06000E-03	1.02066E-01	11/22/89	2890.00	7.06000E-03	1.02066E-01	SIMULTANEOUSLY/PARALLEL	C
	1CC-629		-	-			-	-				
		1HV-4708	11/21/89	681.00			11/21/89	681.00			INDIVIDUALLY	C
MV-10	1CC-713		11/20/89	1875.00	7.06000E-04	6.62193E-02	11/20/89	1875.00	7.06000E-04	6.62193E-02	INDIVIDUALLY IN SERIES	C
		1HV-4700	11/20/89	81.30			11/20/89	81.30				C
THIS PAGE TOTALS ==>						0.93				0.93		
LAST PAGE TOTALS ==>						0.44				0.44		
COMBINED TOTAL ==>						1.37				1.37		

PENETRATION OR COMPONENT	INSIDE CNTMNT	OUTSIDE CNTMNT	AS FOUND TEST DATE	AS FOUND LEAK RATE SCCM	LEAK RATE ERROR SCFM	AS FOUND MAX PATHWAY SCFM	AS LEFT TEST DATE	AS LEFT LEAK RATE SCCM	LEAK RATE ERROR SCFM	AS LEFT MAX PATHWAY SCFM	TEST CONFIGURATION	PENET TEST TYPE
MV-11	1HV-4696		11/19/89	2.00	7.06000E-06	7.06339E-05	11/19/89	2.00	7.06000E-06	7.06339E-05	SIMULTANEOUSLY/PARALLEL	C
	1CC-831		-	-			-	-				
		1HV-4709	11/19/89	2.00			11/19/89	2.00			INDIVIDUALLY	C
MV-12	1CH-024		10/16/89	1210.00	7.06000E-04	4.27335E-02	10/16/89	1210.00	7.06000E-04	4.27335E-02	INDIVIDUALLY	C
		1HV-6084	10/16/89	20.00			10/16/89	20.00			SIMULTANEOUSLY/PARALLEL	C
		1CH-271	-	-			-	-				
MV-13	1HV-6083		12/09/89	156.60			12/09/89	156.60			INDIVIDUALLY	C
		1HV-6082	12/05/89	702.00	7.06000E-04	2.47925E-02	12/05/89	702.00	7.06000E-04	2.47925E-02	SIMULTANEOUSLY/PARALLEL	C
		1CH-272	-	-			-	-				
MV-14	1HV-5549	1HV-5548	01/24/90	672.00	7.06000E-04	2.37330E-02	01/24/90	672.00	7.06000E-04	2.37330E-02	SIMULTANEOUSLY	C
MV-15		1PN-01	09/28/89	2.00	7.06000E-06	7.06339E-05	09/28/89	2.00	7.06000E-06	7.06339E-05	MAINTENANCE PENETRATION	B
MV-16	1HV-4075C		12/07/89	20.00			12/07/89	20.00				C
		1HV-4075B	12/07/89	36.50	7.06000E-05	1.28907E-03	12/07/89	36.50	7.06000E-05	1.28907E-03	INDIVIDUALLY IN SERIES	C
MS-5	BLIND FLANGE		02/19/90	2.00	7.06000E-06	1.41268E-04	02/19/90	2.00	7.06000E-06	1.41268E-04		B
		1SF-055	02/20/90	2.00	7.06000E-06		02/20/90	2.00	7.06000E-06		INDIVIDUALLY IN PARALLEL	B
810' ELECT PENET'S			10/25/89	5.47	7.06000E-06	1.93184E-04	10/25/89	5.47	7.06000E-06	1.93184E-04		B
832' ELECT PENET'S			10/24/89	4.00	7.06000E-06	1.41268E-04	10/24/89	4.00	7.06000E-06	1.41268E-04		B
852' ELECT PENET'S			10/26/89	6.00	7.06000E-06	2.11902E-04	10/26/89	6.00	7.06000E-06	2.11902E-04		B
E-75 FUEL BLDG			10/28/89	2.00	7.06000E-06	7.06339E-05	10/28/89	2.00	7.06000E-06	7.06339E-05		B
EQUIP HATCH (Seals)			11/01/89	2.00	7.06000E-06	7.06339E-05	11/01/89	2.00	7.06000E-06	7.06339E-05		B
PERSONNEL AIRLOCK OVERALL			02/26/90	3330	7.06000E-03	1.17606E-01	02/26/90	3330	7.06000E-03	1.17606E-01		B
:INNER SEAL			~~04/02/90~~ 4/5/90	~~2.00~~ 2.00			~~04/02/90~~ 4/5/90	~~2.00~~ 2.00				B
		OUTER SEAL	~~04/02/90~~ 4/5/90	~~2.00~~ 2.00			~~04/02/90~~ 4/5/90	~~2.00~~ 2.00				B
EMERGENCY AIRLOCK OVERALL			10/30/89	923.00	7.06000E-04	3.25976E-02	10/30/89	923.00	7.06000E-04	3.25976E-02		B
:INNER SEAL			10/29/89	2.00			10/29/89	2.00				B
		OUTER SEAL	04/02/90	111.40			04/02/90	111.40				B

THIS PAGE TOTALS ==========>	SQRT OF ALL MAX ==>	1.74535E-02	0.24	SQRT OF ALL MAX ==>	1.74535E-02	0.24
LAST PAGE TOTALS ==========>	ERRORS SQUARED		1.37	ERRORS SQUARED		1.37
COMBINED LEAKAGE + ERROR =====>			1.633846			1.633846 SCFM AS LEFT CONDITION
Upper Confidence Limit (UCL) =>			98.03			98.03 SCFH (UCL)
MARGIN (320 - UCL) ==========>			221.97			221.97

APPENDIX F

SENSOR LOCATIONS AND VOLUME FRACTIONS

DRYBULB SENSOR LOCATIONS AND VOLUME FRACTIONS

SENSOR NUMBER	ELEV. (FEET)	AZIMUTH (DEGREES)	VOLUME FRACTIONS
TE-2	814	295	0.011121
TE-3	814	0	0.012754
TE-4	814	135	0.013284
TE-5	814	230	0.017061
TE-6	840	45	0.005272
TE-7	842	135	0.012434
TE-8	842	225	0.015663
TE-9	840	220	0.009034
TE-10	840	137	0.008146
TE-11	838	0	0.009661
TE-12	840	320	0.009034
TE-13	840	45	0.009033
TE-14	850	270	0.016965
TE-15	865	0	0.006619
TE-16	911	45	0.005351
TE-17	850	90	0.016965
TE-18	880	160	0.016406
TE-19	880	270	0.027458
TE-20	883	335	0.018893
TE-21	883	75	0.025194
TE-22	880	210	0.016406
TE-23	883	105	0.025194
TE-24	870	315	0.006618
TE-25	870	225	0.006617
TE-26	870	143	0.005730
TE-27	870	50	0.006617
TE-28	928	225	0.050980

SENSOR NUMBER	ELEV. (FEET)	AZIMUTH (DEGREES)	VOLUME FRACTIONS
TE-29	928	135	0.050980
TE-30	928	315	0.050980
TE-31	928	45	0.050980
TE-32	1010	225	0.041925
TE-33	1010	135	0.041925
TE-34	1010	45	0.041925
TE-35	1010	315	0.041925
TE-36	973	180	0.054920
TE-37	1045	0	0.037585
TE-38	1045	180	0.037585
TE-39	973	90	0.054920
TE-40	973	0	0.054920
TE-41	973	270	0.054920

RELATIVE HUMIDITY SENSOR LOCATIONS AND VOLUME FRACTIONS

SENSOR NUMBER	ELEV. (FEET)	AZIMUTH (DEGREES)	VOLUME FRACTIONS
HE-1	820	300	0.027115
HE-2	820	120	0.027115
HE-3	845	0	0.021515
HE-4	845	150	0.021515
HE-5	850	220	0.030415
HE-6	850	45	0.030415
HE-7	880	90	0.087720
HE-8	880	270	0.087720
HE-9	928	135	0.101960
HE-10	928	315	0.101960
HE-11	973	270	0.109840
HE-12	973	90	0.109840
HE-13	1021	45	0.121435
HE-14	1021	225	0.121435

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : TEST
DATE : 332
TIME : 15:44

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.4696	2	+63.4664

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+75.840	2	+75.620	3	+75.070
4	+74.810	5	+77.310	6	+75.870
7	+75.380	8	+76.470	9	+75.690
10	+75.290	11	+75.490	12	+77.970
13	+75.470	14	+76.780	15	+78.150
16	+79.090	17	+75.080	18	+75.540
19	+75.040	20	+75.000	21	+75.220
22	+75.170	23	+75.690	24	+76.820
25	+76.220	26	+77.960	27	+74.880
28	+74.990	29	+75.000	30	+74.810
31	+74.630	32	+74.540	33	+74.360
34	+74.550	35	+74.810	36	+74.450
37	+74.400	38	+74.830	39	+74.740
40	+74.590				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+60.240	2	+61.450	3	+58.910
4	+61.410	5	+58.650	6	+56.220
7	+63.720	8	+63.600	9	+61.900
10	+61.850	11	+64.140	12	+61.610
13	+59.790	14	+64.840		

AVERAGE TEMPERATURE = +75.073 DEG. F
AVERAGE PRESSURE = +63.468 PSIA
AVG VAPOR PRESSURE = +0.2674 PSIA
MASS = +952245.06 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : TEST
DATE : 332
TIME : 15:59

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.4682	2	+63.4647

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+75.840	2	+75.620	3	+75.050
4	+74.790	5	+77.310	6	+75.840
7	+75.390	8	+76.450	9	+75.660
10	+75.280	11	+75.470	12	+77.920
13	+75.440	14	+76.760	15	+78.140
16	+79.100	17	+75.040	18	+75.520
19	+75.020	20	+74.990	21	+75.190
22	+75.150	23	+75.690	24	+76.850
25	+76.110	26	+77.960	27	+74.890
28	+75.000	29	+74.990	30	+74.800
31	+74.600	32	+74.510	33	+74.340
34	+74.550	35	+74.790	36	+74.430
37	+74.380	38	+74.840	39	+74.730
40	+74.590				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+60.300	2	+61.450	3	+58.930
4	+61.380	5	+58.700	6	+56.110
7	+63.840	8	+63.670	9	+62.010
10	+61.800	11	+64.070	12	+61.610
13	+59.840	14	+64.590		

AVERAGE TEMPERATURE = +75.061 DEG. F
AVERAGE PRESSURE = +63.466 PSIA
AVG VAPOR PRESSURE = +0.2672 PSIA
MASS = +952244.81 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : TEST
DATE : 332
TIME : 16:14

Pressure Instruments in PSIA

---

channel	pressure	channel	pressure
1	+63.4651	2	+63.4622

RTDs in degrees F

---

channel	temp.	channel	temp.	channel	temp.
1	+75.800	2	+75.610	3	+75.060
4	+74.780	5	+77.260	6	+75.830
7	+75.370	8	+76.490	9	+75.690
10	+75.270	11	+75.460	12	+77.950
13	+75.420	14	+76.730	15	+78.110
16	+79.070	17	+75.030	18	+75.510
19	+74.990	20	+74.970	21	+75.170
22	+75.100	23	+75.670	24	+76.770
25	+76.160	26	+77.920	27	+74.850
28	+74.960	29	+74.960	30	+74.800
31	+74.600	32	+74.500	33	+74.320
34	+74.540	35	+74.790	36	+74.420
37	+74.370	38	+74.850	39	+74.720
40	+74.590				

Relative humidity in percent

---

channel	%RH	channel	%RH	channel	%RH
1	+60.150	2	+61.470	3	+58.930
4	+61.350	5	+58.760	6	+56.190
7	+63.770	8	+63.640	9	+62.090
10	+62.020	11	+63.960	12	+61.690
13	+60.010	14	+64.840		

AVERAGE TEMPERATURE = +75.048 DEG. F
AVERAGE PRESSURE = +63.464 PSIA
AVG VAPOR PRESSURE = +0.2674 PSIA
MASS = +952224.06 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : TEST
DATE : 332
TIME : 16:29

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.4631	2	+63.4601

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+75.820	2	+75.610	3	+75.020
4	+74.760	5	+77.270	6	+75.810
7	+75.370	8	+76.440	9	+75.600
10	+75.260	11	+75.480	12	+77.970
13	+75.440	14	+76.740	15	+78.080
16	+79.070	17	+75.030	18	+75.520
19	+74.990	20	+74.970	21	+75.180
22	+75.130	23	+75.680	24	+76.760
25	+76.250	26	+77.920	27	+74.840
28	+74.920	29	+74.980	30	+74.770
31	+74.590	32	+74.480	33	+74.300
34	+74.520	35	+74.780	36	+74.410
37	+74.340	38	+74.840	39	+74.700
40	+74.570				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+60.300	2	+61.510	3	+58.950
4	+61.380	5	+58.770	6	+56.340
7	+63.730	8	+63.570	9	+62.140
10	+61.930	11	+64.060	12	+61.570
13	+60.000	14	+64.880		

AVERAGE TEMPERATURE = +75.037 DEG. F
AVERAGE PRESSURE = +63.462 PSIA
AVG VAPOR PRESSURE = +0.2673 PSIA
MASS = +952213.06 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : TEST
DATE : 332
TIME : 16:44

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.4613	2	+63.4584

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+75.800	2	+75.610	3	+75.030
4	+74.740	5	+77.260	6	+75.800
7	+75.350	8	+76.460	9	+75.650
10	+75.220	11	+75.460	12	+77.940
13	+75.410	14	+76.730	15	+78.090
16	+79.060	17	+75.050	18	+75.510
19	+74.960	20	+74.940	21	+75.180
22	+75.100	23	+75.660	24	+76.800
25	+76.130	26	+77.910	27	+74.810
28	+74.950	29	+74.980	30	+74.730
31	+74.550	32	+74.540	33	+74.300
34	+74.510	35	+74.770	36	+74.400
37	+74.350	38	+74.820	39	+74.700
40	+74.520				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+60.340	2	+61.530	3	+59.130
4	+61.380	5	+58.930	6	+56.230
7	+63.760	8	+63.760	9	+62.110
10	+62.000	11	+64.190	12	+61.690
13	+59.950	14	+64.710		

AVERAGE TEMPERATURE = +75.026 DEG. F
AVERAGE PRESSURE = +63.460 PSIA
AVG VAPOR PRESSURE = +0.2673 PSIA
MASS = +952205.38 LBM

TU Comanche Peak (Grafrel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : TEST
DATE : 332
TIME : 16:59

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.4590	2	+63.4566

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+75.830	2	+75.600	3	+74.980
4	+74.740	5	+77.250	6	+75.790
7	+75.340	8	+76.480	9	+75.600
10	+75.190	11	+75.420	12	+77.880
13	+75.390	14	+76.650	15	+78.060
16	+79.040	17	+75.000	18	+75.470
19	+74.950	20	+74.920	21	+75.140
22	+75.070	23	+75.630	24	+76.840
25	+76.070	26	+77.870	27	+74.780
28	+74.980	29	+74.940	30	+74.760
31	+74.550	32	+74.420	33	+74.300
34	+74.520	35	+74.730	36	+74.390
37	+74.330	38	+74.740	39	+74.690
40	+74.570				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+60.450	2	+61.460	3	+59.400
4	+61.260	5	+59.830	6	+56.190
7	+63.860	8	+63.760	9	+61.840
10	+62.040	11	+63.950	12	+61.700
13	+59.880	14	+64.700		

AVERAGE TEMPERATURE = +75.008 DEG. F
AVERAGE PRESSURE = +63.458 PSIA
AVG VAPOR PRESSURE = +0.2672 PSIA
MASS = +952210.75 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : TEST
DATE : 332
TIME : 17:14

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.4571	2	+63.4542

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+75.790	2	+75.580	3	+75.000
4	+74.720	5	+77.230	6	+75.750
7	+75.310	8	+76.410	9	+75.620
10	+75.210	11	+75.410	12	+77.880
13	+75.390	14	+76.660	15	+78.050
16	+79.040	17	+74.990	18	+75.460
19	+74.940	20	+74.930	21	+75.150
22	+75.090	23	+75.590	24	+76.730
25	+76.110	26	+77.870	27	+74.810
28	+74.930	29	+74.940	30	+74.730
31	+74.570	32	+74.470	33	+74.290
34	+74.500	35	+74.730	36	+74.390
37	+74.330	38	+74.810	39	+74.660
40	+74.510				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+60.320	2	+61.570	3	+59.100
4	+61.400	5	+59.760	6	+56.290
[illegible]	+63.810	8	+63.720	9	+62.030
10	+61.990	11	+64.360	12	+61.710
13	+60.080	14	+64.770		

AVERAGE TEMPERATURE = +75.003 DEG. F
AVERAGE PRESSURE = +63.456 PSIA
AVG VAPOR PRESSURE = +0.2675 PSIA
MASS = +952182.06 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : TEST
DATE : 332
TIME : 17:29

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.45[illegible]	2	+63.4524

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+75.750	2	+75.520	3	+74.970
4	+74.710	5	+77.220	6	+75.750
7	+75.310	8	+76.370	9	+75.610
10	+75.200	11	+75.400	12	+77.890
13	+75.380	14	+76.640	15	+78.050
16	+79.010	17	+74.950	18	+75.450
19	+74.960	20	+74.900	21	+75.110
22	+75.060	23	+75.640	24	+76.710
25	+76.100	26	+77.830	27	+74.800
28	+74.900	29	+74.930	30	+74.730
31	+74.570	32	+74.450	33	+74.270
34	+74.470	35	+74.720	36	+74.370
37	+74.310	38	+74.690	39	+74.660
40	+74.510				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+60.260	2	+61.680	3	+58.960
4	+61.380	5	+59.120	6	+56.310
7	+63.810	8	+63.610	9	+62.270
10	+61.930	11	+64.350	12	+61.800
13	+60.150	14	+64.800		

AVERAGE TEMPERATURE = +74.983 DEG. F
AVERAGE PRESSURE = +63.454 PSIA
AVG VAPOR PRESSURE = +0.2673 PSIA
MASS = +952192.44 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : TEST
DATE : 332
TIME : 17:44

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.4538	2	+63.4508

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+75.740	2	+75.560	3	+75.000
4	+74.700	5	+77.200	6	+75.730
7	+75.320	8	+76.340	9	+75.540
10	+75.180	11	+75.440	12	+77.900
13	+75.340	14	+76.720	15	+78.010
16	+79.020	17	+74.970	18	+75.470
19	+74.940	20	+74.890	21	+75.100
22	+75.040	23	+75.660	24	+76.700
25	+76.140	26	+77.860	27	+74.810
28	+74.830	29	+74.930	30	+74.690
31	+74.530	32	+74.450	33	+74.240
34	+74.440	35	+74.720	36	+74.340
37	+74.280	38	+74.770	39	+74.640
40	+74.490				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+60.130	2	+61.680	3	+58.720
4	+61.660	5	+58.290	6	+56.380
7	+63.900	8	+63.710	9	+62.420
10	+61.980	11	+64.480	12	+61.660
13	+60.260	14	+64.860		

AVERAGE TEMPERATURE = +74.973 DEG. F
AVERAGE PRESSURE = +63.452 PSIA
AVG VAPOR PRESSURE = +0.2673 PSIA
MASS = +952187.38 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : TEST
DATE : 332
TIME : 17:59

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.4514	2	+63.4482

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+75.780	2	+75.540	3	+74.950
4	+74.690	5	+77.170	6	+75.750
7	+75.280	8	+76.490	9	+75.540
10	+75.150	11	+75.400	12	+77.810
13	+75.360	14	+76.600	15	+78.010
16	+79.000	17	+74.980	18	+75.400
19	+74.930	20	+74.870	21	+75.100
22	+75.050	23	+75.590	24	+76.820
25	+75.970	26	+77.830	27	+74.770
28	+74.910	29	+74.850	30	+74.690
31	+74.510	32	+74.410	33	+74.240
34	+74.450	35	+74.680	36	+74.350
37	+74.290	38	+74.770	39	+74.650
40	+74.470				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+60.420	2	+61.650	3	+59.000
4	+61.410	5	+59.320	6	+56.220
7	+63.800	8	+63.880	9	+62.270
10	+62.120	11	+64.430	12	+61.730
13	+59.980	14	+64.910		

AVERAGE TEMPERATURE = +74.962 DEG. F
AVERAGE PRESSURE = +63.450 PSIA
AVG VAPOR PRESSURE = +0.2673 PSIA
MASS = +952169.63 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : TEST
DATE : 332
TIME : 18:14

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.4500	2	+63.4467

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+75.740	2	+75.520	3	+74.940
4	+74.690	5	+77.190	6	+75.700
7	+75.260	8	+76.430	9	+75.510
10	+75.140	11	+75.370	12	+77.870
13	+75.330	14	+76.610	15	+77.990
16	+78.980	17	+74.940	18	+75.420
19	+74.900	20	+74.850	21	+75.080
22	+75.030	23	+75.560	24	+76.710
25	+76.000	26	+77.810	27	+74.760
28	+74.840	29	+74.870	30	+74.680
31	+74.510	32	+74.440	33	+74.230
34	+74.440	35	+74.680	36	+74.320
37	+74.270	38	+74.770	39	+74.650
40	+74.470				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+60.450	2	+61.600	3	+59.030
4	+61.500	5	+58.510	6	+56.190
7	+63.940	8	+63.830	9	+62.270
10	+62.060	11	+64.300	12	+61.780
13	+60.090	14	+64.930		

AVERAGE TEMPERATURE = +74.951 DEG. F
AVERAGE PRESSURE = +63.448 PSIA
AVG VAPOR PRESSURE = +0.2671 PSIA
MASS = +952169.88 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : TEST
DATE : 332
TIME : 18:29

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.4476	2	+63.4450

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+75.690	2	+75.510	3	+74.940
4	+74.660	5	+77.160	6	+75.710
7	+75.250	8	+76.330	9	+75.490
10	+75.140	11	+75.380	12	+77.900
13	+75.320	14	+76.620	15	+77.990
16	+78.990	17	+74.920	18	+75.410
19	+74.900	20	+74.860	21	+75.060
22	+75.040	23	+75.600	24	+76.680
25	+76.100	26	+77.790	27	+74.730
28	+74.820	29	+74.900	30	+74.650
31	+74.480	32	+74.400	33	+74.220
34	+74.450	35	+74.660	36	+74.310
37	+74.250	38	+74.800	39	+74.620
40	+74.470				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+60.290	2	+61.700	3	+58.810
4	+61.540	5	+58.300	6	+56.320
7	+63.830	8	+63.740	9	+62.350
10	+62.180	11	+63.990	12	+61.700
13	+60.380	14	+64.960		

AVERAGE TEMPERATURE = +74.941 DEG. F
AVERAGE PRESSURE = +63.446 PSIA
AVG VAPOR PRESSURE = +0.2671 PSIA
MASS = +952157.50 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : TEST
DATE : 332
TIME : 18:44

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.4462	2	+63.4430

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+75.720	2	+75.490	3	+74.920
4	+74.650	5	+77.160	6	+75.670
7	+75.220	8	+76.320	9	+75.540
10	+75.140	11	+75.360	12	+77.870
13	+75.320	14	+76.600	15	+77.960
16	+78.970	17	+74.940	18	+75.400
19	+74.890	20	+74.840	21	+75.040
22	+74.990	23	+75.580	24	+76.660
25	+76.020	26	+77.790	27	+74.790
28	+74.830	29	+74.880	30	+74.660
31	+74.490	32	+74.420	33	+74.220
34	+74.430	35	+74.660	36	+74.300
37	+74.250	38	+74.770	39	+74.610
40	+74.440				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+60.360	2	+61.710	3	+58.970
4	+61.540	5	+58.850	6	+56.510
7	+63.880	8	+63.810	9	+62.290
10	+62.010	11	+64.310	12	+61.620
13	+60.250	14	+64.820		

AVERAGE TEMPERATURE = +74.935 DEG. F
AVERAGE PRESSURE = +63.445 PSIA
AVG VAPOR PRESSURE = +0.2670 PSIA
MASS = +952143.19 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : TEST
DATE : 332
TIME : 18:59

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.4448	2	+63.4422

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+75.710	2	+75.480	3	+74.870
4	+74.650	5	+77.140	6	+75.680
7	+75.220	8	+76.280	9	+75.480
10	+75.130	11	+75.340	12	+77.850
13	+75.300	14	+76.560	15	+77.960
16	+78.970	17	+74.920	18	+75.390
19	+74.880	20	+74.820	21	+75.050
22	+75.000	23	+75.550	24	+76.690
25	+76.010	26	+77.760	27	+74.720
28	+74.840	29	+74.850	30	+74.660
31	+74.460	32	+74.410	33	+74.210
34	+74.410	35	+74.660	36	+74.300
37	+74.250	38	+74.680	39	+74.610
40	+74.410				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+[illegible].490	2	+61.640	3	+59.050
4	+[illegible].590	5	+59.020	6	+56.420
7	+[illegible]950	8	+63.770	9	+62.210
10	+61.970	11	+64.340	12	+61.810
13	+59.970	14	+64.850		

AVERAGE TEMPERATURE = +74.917 DEG. F
AVERAGE PRESSURE = +63.444 PSIA
AVG VAPOR PRESSURE = +0.2667 PSIA
MASS = +952162.44 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : TEST
DATE : 332
TIME : 19:14

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.4430	2	+63.4402

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+75.660	2	+75.460	3	+74.900
4	+74.630	5	+77.130	6	+75.670
7	+75.200	8	+76.310	9	+75.520
10	+75.110	11	+75.330	12	+77.830
13	+75.290	14	+76.570	15	+77.930
16	+78.97[illegible]	17	+74.920	18	+75.380
19	+74.8[illegible]0	20	+74.840	21	+75.050
22	+74.98[illegible]	23	+75.570	24	+76.660
25	+76.010	26	+77.750	27	+74.710
28	+74.830	29	+74.840	30	+74.640
31	+74.480	32	+74.380	33	+74.200
34	+74.390	35	+74.630	36	+74.290
37	+74.250	38	+74.690	39	+74.600
40	+74.410				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+60.470	2	+61.730	3	+58.950
4	+61.480	5	+58.580	6	+56.360
7	+64.000	8	+63.980	9	+62.180
10	+62.060	11	+64.370	12	+61.710
13	+60.000	14	+64.880		

AVERAGE TEMPERATURE = +74.909 DEG. F
AVERAGE PRESSURE = +63.442 PSIA
AVG VAPOR PRESSURE = +0.2668 PSIA
MASS = +952148.69 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : TEST
DATE : 332
TIME : 19:29

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.4410	2	+63.4385

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+75.640	2	+75.440	3	+74.910
4	+74.620	5	+77.110	6	+75.660
7	+75.200	8	+76.280	9	+75.500
10	+75.100	11	+75.350	12	+77.840
13	+75.300	14	+76.530	15	+77.930
16	+78.950	17	+74.870	18	+75.380
19	+74.850	20	+74.810	21	+75.010
22	+75.030	23	+75.560	24	+76.630
25	+76.000	26	+77.740	27	+74.700
28	+74.790	29	+74.860	30	+74.640
31	+74.470	32	+74.400	33	+74.190
34	+74.400	35	+74.610	36	+74.300
37	+74.230	38	+74.720	39	+74.580
40	+74.410				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+60.340	2	+61.770	3	+58.800
4	+61.410	5	+59.110	6	+56.480
7	+63.910	8	+63.750	9	+62.370
10	+61.990	11	+64.220	12	+61.800
13	+60.300	14	+65.030		

AVERAGE TEMPERATURE = +74.904 DEG. F
AVERAGE PRESSURE = +63.440 PSIA
AVG VAPOR PRESSURE = +0.2670 PSIA
MASS = +952126.38 LBM

TU Comanche Peak (Craftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : TEST
DATE : 332
TIME : 19:44

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.4399	2	+63.4373

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+75.630	2	+75.420	3	+74.860
4	+74.590	5	+77.110	6	+75.650
7	+75.180	8	+76.440	9	+75.510
10	+75.090	11	+75.330	12	+77.850
13	+75.260	14	+76.530	15	+77.900
16	+78.940	17	+74.890	18	+75.380
19	+74.830	20	+74.810	21	+75.020
22	+74.990	23	+75.540	24	+76.660
25	+75.920	26	+77.720	27	+74.680
28	+74.770	29	+74.870	30	+74.610
31	+74.450	32	+74.380	33	+74.170
34	+74.400	35	+74.590	36	+74.270
37	+74.220	38	+74.810	39	+74.590
40	+74.410				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+60.300	2	+61.780	3	+58.820
4	+61.530	5	+58.640	6	+56.480
7	+63.870	8	+63.870	9	+62.420
10	+62.020	11	+64.260	12	+61.670
13	+60.360	14	+64.950		

AVERAGE TEMPERATURE = +74.898 DEG. F
AVERAGE PRESSURE = +63.439 PSIA
AVG VAPOR PRESSURE = +0.2669 PSIA
MASS = +952119.50 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : TEST
DATE : 332
TIME : 19:59

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.4387	2	+63.4358

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+75.640	2	+75.430	3	+74.840
4	+74.590	5	+77.100	6	+75.610
7	+75.140	8	+76.470	9	+75.510
10	+75.070	11	+75.330	12	+77.830
13	+75.260	14	+76.530	15	+77.900
16	+78.950	17	+74.860	18	+75.350
19	+74.810	20	+74.800	21	+75.000
22	+74.950	23	+75.540	24	+76.710
25	+75.870	26	+77.720	27	+74.670
28	+74.800	29	+74.830	30	+74.630
31	+74.440	32	+74.380	33	+74.160
34	+74.360	35	+74.620	36	+74.270
37	+74.210	38	+74.690	39	+74.570
40	+74.390				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+60.350	2	+61.840	3	+58.980
4	+61.530	5	+58.600	6	+56.450
7	+63.900	8	+63.810	9	+62.400
10	+62.150	11	+64.330	12	+61.700
13	+60.300	14	+64.840		

AVERAGE TEMPERATURE = +74.884 DEG. F
AVERAGE PRESSURE = +63.437 PSIA
AVG VAPOR PRESSURE = +0.2667 PSIA
MASS = +952128.13 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : TEST
DATE : 332
TIME : 20:14

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.4364	2	+63.4338

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+75.610	2	+75.420	3	+74.880
4	+74.590	5	+77.050	6	+75.590
7	+75.140	8	+76.300	9	+75.480
10	+75.050	11	+75.300	12	+77.800
13	+75.260	14	+76.510	15	+77.890
16	+78.930	17	+74.850	18	+75.340
19	+74.810	20	+74.800	21	+74.990
22	+74.970	23	+75.500	24	+76.670
25	+75.910	26	+77.700	27	+74.630
28	+74.780	29	+74.820	30	+74.640
31	+74.440	32	+74.300	33	+74.160
34	+74.360	35	+74.590	36	+74.250
37	+74.200	38	+74.640	39	+74.560
40	+74.390				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+60.390	2	+61.800	3	+59.030
4	+61.600	5	+58.580	6	+56.620
7	+63.960	8	+63.940	9	+62.200
10	+62.080	11	+64.190	12	+61.700
13	+60.130	14	+64.760		

AVERAGE TEMPERATURE = +74.867 DEG. F
AVERAGE PRESSURE = +63.435 PSIA
AVG VAPOR PRESSURE = +0.2664 PSIA
MASS = +952130.19 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : TEST
DATE : 332
TIME : 20:29

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.4354	2	+63.4321

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+75.610	2	+75.420	3	+74.830
4	+74.580	5	+77.080	6	+75.580
7	+75.150	8	+76.220	9	+75.510
10	+75.050	11	+75.300	12	+77.830
13	+75.230	14	+76.520	15	+77.860
16	+78.910	17	+74.840	18	+75.340
19	+74.790	20	+74.780	21	+74.990
22	+74.950	23	+75.510	24	+76.560
25	+76.010	26	+77.680	27	+74.660
28	+74.720	29	+74.810	30	+74.620
31	+74.440	32	+74.350	33	+74.140
34	+74.360	35	+74.580	36	+74.230
37	+74.180	38	+74.720	39	+74.560
40	+74.380				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+60.370	2	+61.890	3	+58.850
4	+61.710	5	+58.630	6	+56.840
7	+63.950	8	+63.820	9	+62.350
10	+62.090	11	+64.290	12	+61.750
13	+60.210	14	+64.880		

AVERAGE TEMPERATURE = +74.864 DEG. F
AVERAGE PRESSURE = +63.434 PSIA
AVG VAPOR PRESSURE = +0.2666 PSIA
MASS = +952113.44 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : TEST
DATE : 332
TIME : 20:44

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.4336	2	+63.4305

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+75.600	2	+75.390	3	+74.820
4	+74.550	5	+77.070	6	+75.570
7	+75.150	8	+76.190	9	+75.460
10	+75.040	11	+75.300	12	+77.800
13	+75.230	14	+76.510	15	+77.850
16	+78.900	17	+74.820	18	+75.320
19	+74.790	20	+74.780	21	+74.950
22	+74.960	23	+75.490	24	+76.570
25	+76.010	26	+77.690	27	+74.670
28	+74.770	29	+74.790	30	+74.620
31	+74.410	32	+74.320	33	+74.130
34	+74.360	35	+74.580	36	+74.250
37	+74.180	38	+74.640	39	+74.550
40	+74.370				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+60.310	2	+61.910	3	+58.750
4	+61.700	5	+58.790	6	+56.790
7	+63.930	8	+63.970	9	+62.360
10	+62.080	11	+64.410	12	+61.780
13	+60.310	14	+65.070		

AVERAGE TEMPERATURE = +74.854 DEG. F
AVERAGE PRESSURE = +63.432 PSIA
AVG VAPOR PRESSURE = +0.2667 PSIA
MASS = +952103.00 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : TEST
DATE : 332
TIME : 20:59

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.4320	2	+63.4287

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+75.590	2	+75.360	3	+74.820
4	+74.540	5	+77.040	6	+75.570
7	+75.150	8	+76.200	9	+75.450
10	+75.040	11	+75.280	12	+77.780
13	+75.230	14	+76.490	15	+77.840
16	+78.910	17	+74.840	18	+75.310
19	+74.770	20	+74.750	21	+74.950
22	+74.910	23	+75.480	24	+76.540
25	+75.950	26	+77.650	27	+74.660
28	+74.750	29	+74.800	30	+74.610
31	+74.400	32	+74.390	33	+74.130
34	+74.350	35	+74.570	36	+74.240
37	+74.180	38	+74.750	39	+74.530
40	+74.370				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+60.260	2	+61.890	3	+58.900
4	+61.640	5	+58.990	6	+56.840
7	+63.960	8	+63.860	9	+62.390
10	+62.110	11	+64.200	12	+61.730
13	+60.230	14	+65.010		

AVERAGE TEMPERATURE = +74.854 DEG. F
AVERAGE PRESSURE = +63.430 PSIA
AVG VAPOR PRESSURE = +0.2666 PSIA
MASS = +952079.00 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : TEST
DATE : 332
TIME : 21:14

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.4312	2	+63.4279

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+75.580	2	+75.350	3	+74.810
4	+74.540	5	+77.040	6	+75.570
7	+75.120	8	+76.160	9	+75.410
10	+75.040	11	+75.280	12	+77.740
13	+75.230	14	+76.460	15	+77.810
16	+78.910	17	+74.850	18	+75.290
19	+74.760	20	+74.770	21	+74.970
22	+74.910	23	+75.500	24	+76.520
25	+76.000	26	+77.660	27	+74.600
28	+74.740	29	+74.770	30	+74.560
31	+74.400	32	+74.310	33	+74.140
34	+74.340	35	+74.600	36	+74.220
37	+74.180	38	+74.680	39	+74.520
40	+74.370				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+60.360	2	+61.880	3	+58.920
4	+61.740	5	+58.920	6	+56.820
7	+63.980	8	+63.990	9	+62.310
10	+62.060	11	+64.460	12	+61.770
13	+60.260	14	+64.980		

AVERAGE TEMPERATURE = +74.838 DEG. F
AVERAGE PRESSURE = +63.430 PSIA
AVG VAPOR PRESSURE = +0.2666 PSIA
MASS = +952095.56 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : TEST
DATE : 332
TIME : 21:29

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.4302	2	+63.4268

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+75.590	2	+75.370	3	+74.790
4	+74.540	5	+77.010	6	+75.560
7	+75.110	8	+76.190	9	+75.410
10	+75.000	11	+75.280	12	+77.760
13	+75.240	14	+76.430	15	+77.820
16	+78.890	17	+74.850	18	+75.290
19	+74.770	20	+74.740	21	+74.990
22	+74.940	23	+75.450	24	+76.550
25	+75.930	26	+77.670	27	+74.570
28	+74.820	29	+74.780	30	+74.560
31	+74.380	32	+74.350	33	+74.120
34	+74.330	35	+74.540	36	+74.210
37	+74.150	38	+74.630	39	+74.520
40	+74.340				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+60.540	2	+61.870	3	+59.320
4	+61.670	5	+58.880	6	+56.970
7	+63.950	8	+64.000	9	+62.000
10	+62.050	11	+64.740	12	+61.920
13	+60.250	14	+64.830		

AVERAGE TEMPERATURE = +74.831 DEG. F
AVERAGE PRESSURE = +63.428 PSIA
AVG VAPOR PRESSURE = +0.2666 PSIA
MASS = +952092.00 LBM

TU Comanche Peak (Graftel Sys.) 1
INTEGRATED LEAK RATE TEST
DATA POINT SUMMARY SHEET

TEST MODE : TEST
DATE : 332
TIME : 21:44

Pressure Instruments in PSIA

channel	pressure	channel	pressure
1	+63.4285	2	+63.4254

RTDs in degrees F

channel	temp.	channel	temp.	channel	temp.
1	+75.640	2	+75.400	3	+74.770
4	+74.550	5	+76.990	6	+75.580
7	+75.110	8	+76.230	9	+75.420
10	+74.990	11	+75.270	12	+77.760
13	+75.220	14	+76.400	15	+77.790
16	+78.890	17	+74.840	18	+75.270
19	+74.770	20	+74.720	21	+74.990
22	+74.900	23	+75.440	24	+76.540
25	+75.880	26	+77.640	27	+74.580
28	+74.790	29	+74.730	30	+74.540
31	+74.390	32	+74.360	33	+74.140
34	+74.340	35	+74.560	36	+74.210
37	+74.150	38	+74.620	39	+74.520
40	+74.330				

Relative humidity in percent

channel	%RH	channel	%RH	channel	%RH
1	+60.760	2	+61.830	3	+59.460
4	+61.530	5	+59.330	6	+56.790
7	+64.090	8	+63.880	9	+62.080
10	+62.210	11	+64.380	12	+61.860
13	+60.050	14	+64.920		

AVERAGE TEMPERATURE = +74.826 DEG. F
AVERAGE PRESSURE = +63.427 PSIA
AVG VAPOR PRESSURE = +0.2664 PSIA
MASS = +952079.63 LBM