

DNE CALCULATIONS

TITLE EXTENSION OF ICE CONDENSER WEIGHING PERIOD BASED ON PREDICTED GROUP-ROW AND BAY SUBLIMATION RATES				PLANT/UNIT SQN UNIT 2	
PREPARING ORGANIZATION DNE/NTB/APS2		KEY NOUNS (Consult RIMS DESCRIPTORS LIST) TECH SPEC, ICE CONDENSER, WEIGHT			
BRANCH/PROJECT IDENTIFIERS SQNAPS2-110		Each time these calculations are issued, preparers must ensure that the original (RO) RIMS accession number is filled in. Rev (for RIMS' use) RIMS accession number			
		RO		B45 '880811 237	
APPLICABLE DESIGN DOCUMENT(S) N/A		R__		B45 '880817 235	
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Revision 0		R1		R2	
ECN No. (or Not Applicable) N/A				R3	
Prepared B. Lamar Lepard, Jr.		B. Lamar Lepard, Jr.		Safety-related? Yes (X) No ()	
Checked John F. Thomas		John F. Thomas		Statement of Problem	
Reviewed John F. Thomas		John F. Thomas		Determine if the ice condenser weighing required by Tech Spec 3/4.6.5 can be delayed until completion of the current fuel cycle (January 22, 1989).	
Approved Frank A. Koontz, Jr.		Frank A. Koontz, Jr.			
Date 8 - 11 - 88		8 - 17 - 88			
List all pages added by this revision.		109.A, 110.A 111.A, 112.A			
List all pages deleted by this revision.		109, 110, 111 112			
List all pages changed by this revision.		2, 10, 113 114			

Abstract

These calculations contain an unverified assumption(s) that must be verified later. Yes () No (X)

The purpose of this revision is to determine if the weighing of the ice baskets can be further delayed until January 22, 1989, by determining if a sufficient amount of ice will be available to ensure the integrity of the primary containment in the event of a design basis accident. Based on the current schedule, which changed after Revision 0 of this calculation was issued, the Unit 2 fuel cycle is expected to end on January 22, 1989.

A calculation (SQNAPS2-081 Rev 0) was previously performed that determined the average sublimation rate for the entire ice condenser. However, it was determined that this calculation was not sufficient to ensure that the ice was dispersed relatively evenly over all the baskets. Therefore, another calculation was performed in which sublimation rates were determined for at least six of the nine rows of each group of bays (group-row combinations), as well as for each of the 24 individual bays as a whole. These rates could then be used to determine the expected ice weight per basket for each group-row combination and for each bay at a 95% level of confidence. This calculation would then ensure whether there is sufficient technical justification for the Tech Specs surveillance requirements of section 3/4.6.5 to be delayed.

Based on the numerical analysis and on the reasons presented in this report, an extension of the ice weighing date for unit 2, as required by Tech Spec 3/4.6.5, from December 4, 1988 to January 22, 1989, will not impact the ability of the ice condenser to perform its intended safety function.

() Microfilm and store calculations in RIMS Service Center.
(X) Microfilm and return calculations to: B. L. Lepard, Jr.

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8810030057 880817
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CALCULATION DESIGN VERIFICATION (INDEPENDENT REVIEW) FORM

SONAPS2-110

Calculation No.

1

Revision

Method of design verification (independent review) used (check method used):

1. Design Review
2. Alternate Calculation
3. Qualification Test

X

Justification (explain below):

Method 1: In the design review method, justify the technical adequacy of the calculation and explain how the adequacy was verified (calculation is similar to another, based on accepted handbook methods, appropriate sensitivity studies included for confidence, etc.)

Method 2: In the alternate calculation method, identify the pages where the alternate calculation has been included in the calculation package and explain why this method is adequate.

Method 3: In the qualification test method, identify the QA documented source(s) where testing adequately demonstrates the adequacy of this calculation and explain.

This calculation revision supports a 3 day extension of the ice condenser weighing interval approved by revision 0. The calculation is a straight forward extension of the methodology used in revision 0 as only the resulting ice weight values changed while the conclusions of the calculation which support a temporary tech spec change for the current fuel cycle only remain the same. Since the output of the calculation is reasonable after considering the input, point 8 of Attachment 10 of NEP 3.1 is satisfied. This is the only point of Attachment 10 that applies to this calculation.


Design Verifier
(Independent Reviewer)

8/17/88
Date

CALCULATION CLASSIFICATION

CALCULATION INFORMATION

PLANT/UNIT SGNP UNIT 2 IDENTIFIER SGNAPS2-110
RIMS NO. _____ ISSUE DATE _____
TITLE EXTENSION OF ICE CONDENSER WEIGHING PERIOD BASED ON
PREDICTED ~~AND~~ GROUP-ROW AND BAY SUBLIMATION RATES
REVISION LEVEL 1

AFFECTED SYSTEM(S)

PLANT FEATURE:

- ☒ SAFETY SYSTEM
☐ PLANT ENVIRONMENT
(EQ, ETC.)
☐ NON-SAFETY SYSTEM
☐ APPENDIX R
☐ CIVIL STRUCTURES
☐ INSTRUMENTATION
(I.97, PAM, ETC.)
☒ LICENSING
☐ OTHER

SYSTEM/COMPONENT DESCRIPTION:

SYSTEM NO. ICE CONDENSER

SYSTEM NO. _____

Tech Spec 3/4.6.5

FINAL CLASSIFICATION

- ☒ ESSENTIAL
☐ DESIRABLE

- ☐ FILE ONLY
☐ SUPERCEDED

SUBMITTED B. Lamar Lepard, Jr.

DATE 8/12/88

(VIEWED James D. Kite Jr.

DATE 8/17/88

APPROVED Robert H. Bryan Jr.

DATE 8/17/88

EXTENSION OF ICE CONDENSER WEIGHING PERIOD BASED
Title: ON PREDICTED GROUP-ROW AND BAY SUBLIMATION RATES

REVISION LOG

SGNAPS2-110

Revision No.	DESCRIPTION OF REVISION	Date Approved
0	Initial Issue	8-11-88
1	Performed necessary changes to calculation to extend the date for ice weighing to January 22, 1989 instead of January 19, 1989. For pages added, revised, or deleted - see abstract	

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EXTENSION OF ICE CONDENSER WEIGHING PERIOD BASED
ON PREDICTED GROUP-ROW AND BAY SUBLIMATION RATES

THIS SHEET CORRECTED BY REVISION 1

Rev 1 Prepared by BSR 8/12/88
Rev 1 Reviewed by JT 8/16/88

1.0 PURPOSE/INTRODUCTION

22 The purpose of this ^{revision to this calculation} ~~calculation~~ is to determine if the weighing of the ice condenser ice baskets can be delayed on the current fuel cycle only. | R1
The Sequoyah Nuclear Plant Technical Specifications (Tech Specs) require that the ice be weighed on December 5, 1988 (12 + 3 months after the last weighing performed on September 4, 1987). However, based on the current schedule, the Unit 2 fuel cycle is expected to last until January 19, 1989. Therefore, this calculation will determine if the weighing of the ice baskets can be delayed until January 10, 1989, by | R1
determining if a sufficient amount of ice will be available to ensure the integrity of the primary containment in the event of a design basis accident. 22

Sublimation in the ice condenser continually diminishes the amount of ice in the baskets. In general, the rate of sublimation is very slow. However, a slow rate can cause a relatively large change in ice weight if given an adequate amount of time. Therefore, this calculation will attempt to determine the sublimation rates based on known ice weight data taken over the last six years.

In order to ensure a sufficient quantity of ice is available, the Tech Specs Surveillance Requirement 4.6.5.1 requires that a sample of at least 144 ice baskets be weighed on a twelve month basis. (Currently, this time span may be extended for three additional months if needed). This sample includes one basket from six rows (radial rows 1, 2, 4, 6, 8, and 9) of each of the twenty-four bays. If any basket is found to contain less than 1200 pounds of ice, an additional 20 baskets must be weighed. The rows are then subdivided into three groups (Group 1 - bays 1 through 8, Group 2 - bays 9 through 16, Group 3 - bays 17 through 24). The minimum average weight of the sample baskets in the radial rows of each group must not be less than 1200 pounds per basket at a 95% level of confidence. In addition, these basket weights shall be used to determine that the overall ice weight is not less than 2,333,100 pounds.

A calculation (SQM:PS2-081 Rev 0) was performed that determined the average sublimation rate for the entire ice condenser. However, it was determined that this calculation was not sufficient to ensure that the ice was dispersed relatively evenly over all the baskets. Therefore, another calculation was performed in which sublimation rates were determined for at least six of the nine rows of each group of bays (group-row combinations), as well as for each of the 24 individual bays as a whole. These rates could then be used to determine the expected ice weight per basket for each group-row combination and for each bay at a 95% level of confidence. This calculation would then ensure whether there is sufficient technical justification for the Tech Specs surveillance requirements of section 3/4.6.5 to be delayed.

EXTENSION OF ICE CONDENSER WEIGHING PERIOD BASED
ON PREDICTED GROUP-ROW AND BAY SUBLIMATION RATES

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Reviewed By/Date LT 8/14/88
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This report will provide the documentation of all the assumptions, calculations, and results of this analysis.

3.0 DOCUMENTATION OF ASSUMPTIONS

3.1 Assumption 2.1

Assumption 2.1 assumes that the sublimation data calculated from historical data is applicable to the current ice condenser weights and configuration. The ice condenser data used to determine the sublimation rate was taken during the period when the plant was actively producing power. The amount of ice lost was based upon the difference in ice weighings prior to and after plant power operation. SQNP unit 2 was granted a full power operating license on September 15, 1981 (see Reference 5.2) and produced power until it was shutdown on August 21, 1985 (see Page I-3 of reference 5.3) because of equipment qualification concerns.

Ice condenser weight data during this period can be used to determine ice loss during either power operation or extended maintenance periods because during power operation, temperatures of the heat sources providing the driving force for sublimation are greater than during idle plant periods. However, it should be noted that improper maintenance operations on the ice condenser can increase sublimation rates above that expected for an idle or power producing plant.

The functional requirements of the glycol cooling system and ice condenser air handling units have not changed appreciably from the original design (see reference 5.6). Therefore, the assumption that the sublimation rates during previous power operation are applicable to current power operation is valid.

3.2 Assumption 2.2

Assumption 2.2 assumes that the sublimation rate will be determined only from plant data for time periods between ice weighings of approximately six months or more. Sublimation of ice in the ice condenser is a slowly occurring process. However, the performance of maintenance operations such as defrosting (i.e. the melting of ice) result in rapid losses of ice. Also, ingress and egress result in increased sublimation by the introduction of dry air into the ice condenser. Therefore, a statistical evaluation based on a longer sampling period will provide a more accurate estimate of the sublimation rate since the effect of the short term perturbations will be minimized. Furthermore, ice is generally added during maintenance periods which invalidates sublimation calculations for these periods.

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Reviewed By/Date JT 8/8/88
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2.0 ASSUMPTIONS

- 2.1 The sublimation rates calculated from plant historical data is applicable to the current ice condenser weights and configuration.
- 2.2 The sublimation rates will be determined from plant ice weighing time differentials of approximately six months or more.
- 2.3 Once non-nuclear heatup began during Unit 2 restart, sublimation rates will be based on those calculated for normal power operation.

NOTE: Assumptions 2.1, 2.2, and 2.3 were obtained directly from SQNAPS2-081 Revision 0 because they are directly applicable to this calculation.

3.3 Assumption 2.3

The use of the sublimation rate as calculated for normal power operation to determine ice sublimation during non-nuclear heatup for the restart of unit 2 will result in the calculation of increased ice bed sublimation. This result will occur because the heat load to the containment during non-nuclear heatup is less than the heat load during normal power operation. As is shown in the analysis section, the increased heat loads during power operation significantly increase the ice bed sublimation rate, as opposed to sublimation rates during plant shutdown. Therefore, this assumption conservatively increases the ice bed sublimation rate during the time period from the onset of non-nuclear heatup to the beginning of power operations.

NOTE: Documentation of assumptions 3.1, 3.2, and 3.3 were obtained directly from SQNAPS2-081 Revision 0 because they are directly applicable to this calculation.

EXTENSION OF ICE CONDENSER WEIGHING PERIOD BASED
ON PREDICTED GROUP-ROW AND BAY SUBLIMATION RATES

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4.0 DESIGN INPUT DATA

All design input data is taken from the ice weight surveillance data. The amount of raw data points is too lengthy to include here. A copy of this data can be found in Appendix I of SQNAPS2-081 Revision 0 (RIMS# B45 '880720 235).

EXTENSION OF ICE CONDENSER WEIGHING PERIOD BASED
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Reviewed By/Date L7 8/11/88
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5.0 REFERENCES

- 5.1 TVA, Sequoyah Nuclear Plant Technical Specifications - Unit 2 R60, 2/17/88.
- 5.2 TVA, Sequoyah Nuclear Plant Technical Specifications - Unit 2 R60, 2/17/88, Knoxville, Tn., Page EPL 13 and 14.
- 5.3 TVA, Sequoyah Nuclear Performance Plan, Volume II, Rev 2, July 1987.
- 5.4 TVA, Sequoyah Nuclear Plant FSAR, Volume 7, Chapter 6.5.7.3, "Sublimation Calculations", Page 6.5-42.
- 5.5 TVA, Nuclear Dispatch, Volume III No. 25, TVA Nuclear Information Staff
- 5.6 TVA, SQNP Design Criteria, Design Criteria Number SQ-DC-V-27.1 R1, Volume 8, RIMS# B45 '870722 258.
- 5.7 TVA, SQNP Surveillance Instruction SMI-2-61-2, "Flow Passage Inspection".
- 5.8 TVA, ICE Version SQ1.0, A Supplement to SI-106, June 30, 1987, RIMS# L36 '870630 808.
- 5.9 TVA, SQNAPS2-081 Revision 0, Extension of Ice Condenser Weighing Period Based on Predicted Sublimation Rates, RIMS# B45 '870720 235.
- 5.10 TVA, Memo from T. G. Campbell to C. C. Mason, "Sequoyah Nuclear Plant Units 1 and 2 - Evaluation of Latest Ice Weighing Data," February 28, 1983, RIMS #L22 '830223 800.
- 5.11 TVA, Memo from T. G. Campbell to C. C. Mason, "Sequoyah Nuclear Plant - Ice Condenser Improvement Program, December 15, 1982, RIMS# L27 '821209 831.
- 5.12 TVA, Memo from C. C. Mason to T. G. Campbell, Sequoyah Nuclear Plant - Ice Condenser Improvement Program, March, 17, 1983, RIMS# L53 '830315 875.

EXTENSION OF ICE CONDENSER WEIGHING PERIOD BASED
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Reviewed By/Date ~~BBB~~ 8/7/88
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6.0 COMPUTATIONS/ANALYSES

For this calculation, sublimation rates for two cases were analyzed. The first case was performed for each one of the eighteen group-row combinations, while the second case was performed for each one of the twenty-four bays.

For the first case, the 95% low limit values were obtained from information provided in Appendix I of Reference 5.9. This information was created using the ICE Version SQL.0 program (Reference 5.8). The theory and methodology used by this program is described in Appendix A of this calculation. Since the ICE Version SQL.0 program is set-up to determine the 95% low limit values for each group-row combination, the numbers were already available for use to determine the sublimation rates (which will be explained later). *

For the second case, however, the ICE Version SQL.0 program could not be used to determine the 95% low limit values for each bay. Instead a file was created using the LOTUS 1-2-3 spreadsheet software to compute the 95% low limit value, using the same theory as the ICE Version SQL.0 program. Individual data points, as well as the average weight per bay (both of which were obtained from actual ice weight data given in Appendix I of Reference 5.9) were input into the spreadsheet. The spreadsheet was then set-up to calculate the standard deviation and the 95% low limit value using the appropriate equations shown in Appendix A. These calculations are shown in Table 6.1. Once these 95% low limit values were known, the sublimation rates were calculated for both cases. These rates were computed for the following five different time intervals:

Item No.	Beginning Date	Ending Date	Comments
1	May 26, 1982	November 20, 1982	Power Operation
2	December 21, 1982	July 28, 1983	Power Operation
3	September 21, 1983	October 11, 1984	Power Operation
4	November 26, 1984	September 13, 1985	Power Operation
5	September 13, 1985	July 5, 1987	Plant Shutdown

Using the 95% low limit values, the sublimation rates were then calculated as follows:

* The values calculated by the ICE Version SQL.0 program for the 95% low-limit values during the 1982-83 timeframe were incorrect. However, these values did not impact the results of this calculation, because of reasons explained in Section B.0. ~~BBB~~ 8/7/88

EXTENSION OF ICE CONDENSER WEIGHING PERIOD BASED
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Reviewed By/Date JT 8/12/88
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THIS SHEET CORRECTED BY REVISION 1

R1 Prepared by BSS 8/12/88
R1 Reviewed by JT 8/16/88

$$\text{SUBLIMATION RATE} = \frac{W_i - W_f}{\Delta T} = \# \text{ pounds lost per day}$$

or,

$$\text{SUBLIMATION RATE} = \frac{(W_i - W_f) 100\%}{(W_i) (\Delta T)} = \text{percentage weight loss per day}$$

where W_i = initial weight (lbs)
 W_f = final weight (lbs)
 ΔT = time interval (# of days)

Again, the LOTUS 1-2-3 spreadsheet program was used to compute these rates. The results for both the group-row combinations and the bays are given in Tables 6.2 and 6.3, respectively.

Once computed, the sublimation rates were applied to ice weight data taken on September 4, 1987 (the last time the ice was weighed). For the group-row combination, the 95% low limit values on this date were known from the information shown in Reference 5.9. The 95% low limit values for the bays were calculated as previously explained. The sublimation rates were then averaged on an individual group-row basis and an individual bay basis to determine a typical sublimation rate for each group-row combination and bay. (NOTE: Only the rates corresponding to the power operation time intervals were averaged. In addition, if the ice weight increased over time for a particular group-row combination or bay (as designated by the presence of a negative sign in Tables 6.2 and 6.3), the rate was assumed to be zero for conservatism. In other words, no credit was taken for an increase in ice weight over time.) These rates were then applied to the data taken on September 4, 1987. Since the plant was considered to be shutdown between September 4, 1987 and February 6, 1988, the appropriate shutdown rate was used for this time period of 155 days. From February 6, 1988 to January 19, 1989, the appropriate operating rate was used. The final result will then yield the expected average weight of the ice per basket on February 19, 1989 at a 95% level of confidence. These results for the group-row combinations and the bays are shown in Tables 6.4 and 6.5, respectively.

Per Reference 5.5 (Beginning of non-nuclear heatup)

BSS 8/7/88

An additional calculation was performed using the most rapid sublimation rate for each individual group-row combination and bay instead of the average rate. Although this calculation is not expected to be representative of the current actual sublimation rates, it provides a worst-case observation of the known data. The exact same method as used in the previous paragraph was repeated for the worst-case rate. The results for the group-row combinations and bays are shown in Tables 6.6 and 6.7, respectively.

A discussion of all results is given in Section 7.0 of this calculation.

NOTE: The group-row calculations to determine the 95% low-limit values, which were performed by the Ice Version SQL.0 program, only included the printed data points shown in Appendix I of Reference 5.9.

The hand-written data points were not included in the group-row calculations, but were included in the bay calculations. It did not matter whether the hand-written data points were included or omitted in the final results.

EXTENSION OF ICE CONDENSER WEIGHING PERIOD BASED
ON PREDICTED GROUP-ROW AND BAY SUBLIMATION RATES

TABLE 6.1

STANDARD DEVIATION AND 95th PERCENTILE FOR 5-26-82

	AVERAGE WEIGHT (FOR BAY/BASKET)	BASKET WEIGHT (in lbs.)	STANDARD DEVIATION S	95th %
BAY 1				
ROW 1	1368.5	1346	43.1219	1333.0270
ROW 2	1368.5	1370	43.1219	1333.0270
ROW 4	1368.5	1349	43.1219	1333.0270
ROW 6	1368.5	1312	43.1219	1333.0270
ROW 8	1368.5	1433	43.1219	1333.0270
ROW 9	1368.5	1401	43.1219	1333.0270
BAY 2				
ROW 1	1401.5	1289	62.7814	1349.8548
ROW 2	1401.5	1379	62.7814	1349.8548
ROW 4	1401.5	1401	62.7814	1349.8548
ROW 6	1401.5	1430	62.7814	1349.8548
ROW 8	1401.5	1457	62.7814	1349.8548
ROW 9	1401.5	1453	62.7814	1349.8548
BAY 3				
ROW 1	1453.67	1394	61.9925	1402.6737
ROW 2	1453.67	1377	61.9925	1402.6737
ROW 4	1453.67	1468	61.9925	1402.6737
ROW 6	1453.67	1447	61.9925	1402.6737
ROW 8	1453.67	1493	61.9925	1402.6737
ROW 9	1453.67	1543	61.9925	1402.6737
BAY 4				
ROW 1	1503.83	1459	36.0800	1474.1499
ROW 2	1503.83	1485	36.0800	1474.1499
ROW 4	1503.83	1481	36.0800	1474.1499
ROW 6	1503.83	1517	36.0800	1474.1499
ROW 8	1503.83	1521	36.0800	1474.1499
ROW 9	1503.83	1560	36.0800	1474.1499
BAY 5				

EXTENSION OF ICE CONDENSER WEIGHING PERIOD BASED
ON PREDICTED GROUP-ROW AND BAY SUBLIMATION RATES

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Reviewed By/Date 17 8/88
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TABLE 6.1 (CONT)

STANDARD DEVIATION AND 95th PERCENTILE FOR 5-26-82

	AVERAGE WEIGHT (FOR BAY/BASKET)	BASKET WEIGHT (in lbs.)	STANDARD DEVIATION S	95th %
ROW 1	1476	1452	55.4581	1430.3790
ROW 2	1476	1454	55.4581	1430.3790
ROW 4	1476	1506	55.4581	1430.3790
ROW 6	1476	1487	55.4581	1430.3790
ROW 8	1476	1560	55.4581	1430.3790
ROW 9	1476	1397	55.4581	1430.3790

BAY 6

ROW 1	1468.83	1421	26.1413	1447.3256
ROW 2	1468.83	1469	26.1413	1447.3256
ROW 4	1468.83	1472	26.1413	1447.3256
ROW 6	1468.83	1477	26.1413	1447.3256
ROW 8	1468.83	1501	26.1413	1447.3256
ROW 9	1468.83	1473	26.1413	1447.3256

BAY 7

ROW 1	1469.33	1451	26.7333	1447.3387
ROW 2	1469.33	1425	26.7333	1447.3387
ROW 4	1469.33	1494	26.7333	1447.3387
ROW 6	1469.33	1492	26.7333	1447.3387
ROW 8	1469.33	1473	26.7333	1447.3387
ROW 9	1469.33	1481	26.7333	1447.3387

BAY 8

ROW 1	1422.83	1361	41.7441	1388.4905
ROW 2	1422.83	1409	41.7441	1388.4905
ROW 4	1422.83	1463	41.7441	1388.4905
ROW 6	1422.83	1461	41.7441	1388.4905
ROW 8	1422.83	1450	41.7441	1388.4905
ROW 9	1422.83	1393	41.7441	1388.4905

BAY 9

ROW 1	1470.67	1317	84.3817	1401.2559
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EXTENSION OF ICE CONDENSER WEIGHING PERIOD BASED
ON PREDICTED GROUP-ROW AND BAY SUBLIMATION RATES

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Prepared By/Date BR 8/5/81
Reviewed By/Date LT 8/8/81
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TABLE 6-1 (CONT)

STANDARD DEVIATION AND 95th PERCENTILE FOR 5-26-82

	AVERAGE WEIGHT (FOR BAY/BASKET)	BASKET WEIGHT (in lbs.)	STANDARD DEVIATION S	95th %
ROW 2	1470.67	1453	84.3817	1401.2559
ROW 4	1470.67	1536	84.3817	1401.2559
ROW 6	1470.67	1536	84.3817	1401.2559
ROW 8	1470.67	1525	84.3817	1401.2559
ROW 9	1470.67	1457	84.3817	1401.2559
BAY 10				
ROW 1	1470.5	1388	62.4876	1419.0964
ROW 2	1470.5	1428	62.4876	1419.0964
ROW 4	1470.5	1516	62.4876	1419.0964
ROW 6	1470.5	1540	62.4876	1419.0964
ROW 8	1470.5	1520	62.4876	1419.0964
ROW 9	1470.5	1431	62.4876	1419.0964
BAY 11				
ROW 1	1474.5	1423	38.4799	1442.8457
ROW 2	1474.5	1454	38.4799	1442.8457
ROW 4	1474.5	1518	38.4799	1442.8457
ROW 6	1474.5	1502	38.4799	1442.8457
ROW 8	1474.5	1504	38.4799	1442.8457
ROW 9	1474.5	1446	38.4799	1442.8457
BAY 12				
ROW 1	1473.5	1437	28.9050	1449.7221
ROW 2	1473.5	1448	28.9050	1449.7221
ROW 4	1473.5	1511	28.9050	1449.7221
ROW 6	1473.5	1479	28.9050	1449.7221
ROW 8	1473.5	1466	28.9050	1449.7221
ROW 9	1473.5	1500	28.9050	1449.7221
BAY 13				
ROW 1	1440.83	1326	63.9638	1388.2121
ROW 2	1440.83	1458	63.9638	1388.2121

EXTENSION OF ICE CONDENSER WEIGHING PERIOD BASED
ON PREDICTED GROUP-ROW AND BAY SUBLIMATION RATES

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Prepared By/Date W. B. B. 8/5/88
Reviewed By/Date J. T. 8/18/88
Sequoyah -- Unit 2

TABLE 6.1 (CONT)

STANDARD DEVIATION AND 95th PERCENTILE FOR 5-26-82

	AVERAGE WEIGHT (FOR BAY/BASKET)	BASKET WEIGHT (in lbs.)	STANDARD DEVIATION S	95th %
ROW 4	1440.83	1479	63.9638	1388.2121
ROW 6	1440.83	1440	63.9638	1388.2121
ROW 8	1440.83	1428	63.9638	1388.2121
ROW 9	1440.83	1514	63.9638	1388.2121
BAY 14				
ROW 1	1439	1408	55.1688	1393.6170
ROW 2	1439	1385	55.1688	1393.6170
ROW 4	1439	1490	55.1688	1393.6170
ROW 6	1439	1505	55.1688	1393.6170
ROW 8	1439	1467	55.1688	1393.6170
ROW 9	1439	1379	55.1688	1393.6170
BAY 15				
ROW 1	1455.17	1347	77.2798	1391.5981
ROW 2	1455.17	1409	77.2798	1391.5981
ROW 4	1455.17	1523	77.2798	1391.5981
ROW 6	1455.17	1527	77.2798	1391.5981
ROW 8	1455.17	1518	77.2798	1391.5981
ROW 9	1455.17	1407	77.2798	1391.5981
BAY 16				
ROW 1	1471.67	1386	53.4328	1427.7151
ROW 2	1471.67	1434	53.4328	1427.7151
ROW 4	1471.67	1507	53.4328	1427.7151
ROW 6	1471.67	1529	53.4328	1427.7151
ROW 8	1471.67	1503	53.4328	1427.7151
ROW 9	1471.67	1471	53.4328	1427.7151
BAY 17				
ROW 1	1469.33	1459	30.2831	1444.4185
ROW 2	1469.33	1458	30.2831	1444.4185
ROW 4	1469.33	1493	30.2831	1444.4185

EXTENSION OF ICE CONDENSER WEIGHING PERIOD BASED
ON PREDICTED GROUP-ROW AND BAY SUBLIMATION RATES

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Prepared By/Date 8/5/88
Reviewed By/Date 8/5/88
Sequoyah -- Unit 2

TABLE 6.1 (CONT)

STANDARD DEVIATION AND 95th PERCENTILE FOR 5-26-82

	AVERAGE WEIGHT (FOR BAY/BASKET)	BASKET WEIGHT (in lbs.)	STANDARD DEVIATION S	95th %
ROW 6	1469.33	1513	30.2831	1444.4185
ROW 8	1469.33	1467	30.2831	1444.4185
ROW 9	1469.33	1426	30.2831	1444.4185
BAY 18				
ROW 1	1470.33	1426	40.1481	1437.3034
ROW 2	1470.33	1429	40.1481	1437.3034
ROW 4	1470.33	1487	40.1481	1437.3034
ROW 6	1470.33	1529	40.1481	1437.3034
ROW 8	1470.33	1458	40.1481	1437.3034
ROW 9	1470.33	1493	40.1481	1437.3034
BAY 19				
ROW 1	1471	1421	69.9142	1413.4871
ROW 2	1471	1373	69.9142	1413.4871
ROW 4	1471	1439	69.9142	1413.4871
ROW 6	1471	1531	69.9142	1413.4871
ROW 8	1471	1547	69.9142	1413.4871
ROW 9	1471	1515	69.9142	1413.4871
BAY 20				
ROW 1	1459.5	1323	92.4073	1383.4839
ROW 2	1459.5	1361	92.4073	1383.4839
ROW 4	1459.5	1499	92.4073	1383.4839
ROW 6	1459.5	1525	92.4073	1383.4839
ROW 8	1459.5	1530	92.4073	1383.4839
ROW 9	1459.5	1519	92.4073	1383.4839
BAY 21				
ROW 1	1499.17	1488	12.1395	1489.1838
ROW 2	1499.17	1504	12.1395	1489.1838
ROW 4	1499.17	1488	12.1395	1489.1838
ROW 6	1499.17	1509	12.1395	1489.1838

EXTENSION OF ICE CONDENSER WEIGHING PERIOD BASED
ON PREDICTED GROUP-ROW AND BAY SUBLIMATION RATES

TABLE 6-1 (CONT)

STANDARD DEVIATION AND 95th PERCENTILE FOR 5-26-82

	AVERAGE WEIGHT (FOR BAY/BASKET)	BASKET WEIGHT (in lbs.)	STANDARD DEVIATION s	95th %
ROW 8	1499.17	1490	12.1395	1489.1838
ROW 9	1499.17	1516	12.1395	1489.1838
BAY 22				
ROW 1	1462.33	1455	45.5134	1424.8898
ROW 2	1462.33	1388	45.5134	1424.8898
ROW 4	1462.33	1458	45.5134	1424.8898
ROW 6	1462.33	1480	45.5134	1424.8898
ROW 8	1462.33	1464	45.5134	1424.8898
ROW 9	1462.33	1529	45.5134	1424.8898
BAY 23				
ROW 1	1448	1320	84.5009	1378.4879
ROW 2	1448	1370	84.5009	1378.4879
ROW 4	1448	1464	84.5009	1378.4879
ROW 6	1448	1495	84.5009	1378.4879
ROW 8	1448	1503	84.5009	1378.4879
ROW 9	1448	1536	84.5009	1378.4879
BAY 24				
ROW 1	1429.5	1411	31.7726	1403.3632
ROW 2	1429.5	1480	31.7726	1403.3632
ROW 4	1429.5	1411	31.7726	1403.3632
ROW 6	1429.5	1391	31.7726	1403.3632
ROW 8	1429.5	1445	31.7726	1403.3632
ROW 9	1429.5	1439	31.7726	1403.3632

EXTENSION OF ICE CONDENSER WEIGHING PERIOD BASED
ON PREDICTED GROUP-ROW AND BAY SUBLIMATION RATES

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Prepared By/Date 8/5/88
Reviewed By/Date 8/5/88
Sequoyah -- Unit 2

TABLE 6.1 (CONT)

STANDARD DEVIATION AND 95th PERCENTILE FOR 11-20-82

	AVERAGE WEIGHT (FOR BAY/BASKET)	BASKET WEIGHT (in lbs.)	STANDARD DEVIATION S	95th %
BAY 1				
ROW 1	1321.18	1175	101.7776	1288.4242
ROW 1	1321.18	1154	101.7776	1288.4242
ROW 1	1321.18	1157	101.7776	1288.4242
ROW 1	1321.18	1052	101.7776	1288.4242
ROW 2	1321.18	1245	101.7776	1288.4242
ROW 2	1321.18	1135	101.7776	1288.4242
ROW 3	1321.18	1351	101.7776	1288.4242
ROW 3	1321.18	1371	101.7776	1288.4242
ROW 3	1321.18	1363	101.7776	1288.4242
ROW 3	1321.18	1284	101.7776	1288.4242
ROW 4	1321.18	1365	101.7776	1288.4242
ROW 4	1321.18	1318	101.7776	1288.4242
ROW 4	1321.18	1399	101.7776	1288.4242
ROW 4	1321.18	1366	101.7776	1288.4242
ROW 5	1321.18	1428	101.7776	1288.4242
ROW 5	1321.18	1424	101.7776	1288.4242
ROW 5	1321.18	1320	101.7776	1288.4242
ROW 6	1321.18	1314	101.7776	1288.4242
ROW 6	1321.18	1410	101.7776	1288.4242
ROW 6	1321.18	1393	101.7776	1288.4242
ROW 6	1321.18	1329	101.7776	1288.4242
ROW 7	1321.18	1366	101.7776	1288.4242
ROW 7	1321.18	1438	101.7776	1288.4242
ROW 7	1321.18	1431	101.7776	1288.4242
ROW 8	1321.18	1417	101.7776	1288.4242
ROW 8	1321.18	1301	101.7776	1288.4242
ROW 9	1321.18	1360	101.7776	1288.4242
ROW 9	1321.18	1327	101.7776	1288.4242
BAY 2				
ROW 1	1350.50	971	153.5852	1301.0706
ROW 1	1350.50	1010	153.5852	1301.0706
ROW 1	1350.50	1060	153.5852	1301.0706
ROW 1	1350.50	1091	153.5852	1301.0706

EXTENSION OF ICE CONDENSER WEIGHING PERIOD BASED
ON PREDICTED GROUP-ROW AND BAY SUBLIMATION RATES

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Prepared By/Date W. B. B. 8/5/88
Reviewed By/Date LT 8/8/88
Sequoyah -- Unit 2

TABLE 6.1 (CONT)

STANDARD DEVIATION AND 95th PERCENTILE FOR 11-20-82

	AVERAGE WEIGHT (FOR BAY/BASKET)	BASKET WEIGHT (in lbs.)	STANDARD DEVIATION S	95th %
ROW 2	1350.50	1161	153.5852	1301.0706
ROW 2	1350.50	1284	153.5852	1301.0706
ROW 3	1350.50	1308	153.5852	1301.0706
ROW 3	1350.50	1343	153.5852	1301.0706
ROW 3	1350.50	1333	153.5852	1301.0706
ROW 3	1350.50	1378	153.5852	1301.0706
ROW 4	1350.50	1321	153.5852	1301.0706
ROW 4	1350.50	1346	153.5852	1301.0706
ROW 4	1350.50	1389	153.5852	1301.0706
ROW 5	1350.50	1475	153.5852	1301.0706
ROW 5	1350.50	1418	153.5852	1301.0706
ROW 5	1350.50	1437	153.5852	1301.0706
ROW 6	1350.50	1446	153.5852	1301.0706
ROW 6	1350.50	1470	153.5852	1301.0706
ROW 6	1350.50	1493	153.5852	1301.0706
ROW 6	1350.50	1359	153.5852	1301.0706
ROW 7	1350.50	1496	153.5852	1301.0706
ROW 7	1350.50	1441	153.5852	1301.0706
ROW 7	1350.50	1446	153.5852	1301.0706
ROW 7	1350.50	1471	153.5852	1301.0706
ROW 8	1350.50	1472	153.5852	1301.0706
ROW 8	1350.50	1484	153.5852	1301.0706
ROW 9	1350.50	1473	153.5852	1301.0706
ROW 9	1350.50	1438	153.5852	1301.0706

BAY 3

ROW 1	1409.07	1310	132.1710	1366.5325
ROW 1	1409.07	1165	132.1710	1366.5325
ROW 1	1409.07	1050	132.1710	1366.5325
ROW 2	1409.07	1242	132.1710	1366.5325
ROW 2	1409.07	1287	132.1710	1366.5325
ROW 2	1409.07	1240	132.1710	1366.5325
ROW 2	1409.07	1244	132.1710	1366.5325
ROW 4	1409.07	1362	132.1710	1366.5325

EXTENSION OF ICE CONDENSER WEIGHING PERIOD BASED
ON PREDICTED GROUP-ROW AND BAY SUBLIMATION RATES

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Prepared By/Date 288 8/5/88
Reviewed By/Date LT 8/8/88
Sequoyah - Unit 2

TABLE 6-1 (CONT)

STANDARD DEVIATION AND 95th PERCENTILE FOR 11-20-82

	AVERAGE WEIGHT (FOR BAY/BASKET)	BASKET WEIGHT (in lbs.)	STANDARD DEVIATION s	95th %
ROW 4	1409.07	1420	132.1710	1366.5325
ROW 4	1409.07	1432	132.1710	1366.5325
ROW 4	1409.07	1429	132.1710	1366.5325
ROW 4	1409.07	1450	132.1710	1366.5325
ROW 4	1409.07	1471	132.1710	1366.5325
ROW 4	1409.07	1518	132.1710	1366.5325
ROW 5	1409.07	1674	132.1710	1366.5325
ROW 5	1409.07	1350	132.1710	1366.5325
ROW 5	1409.07	1473	132.1710	1366.5325
ROW 6	1409.07	1445	132.1710	1366.5325
ROW 6	1409.07	1494	132.1710	1366.5325
ROW 6	1409.07	1503	132.1710	1366.5325
ROW 6	1409.07	1493	132.1710	1366.5325
ROW 6	1409.07	1498	132.1710	1366.5325
ROW 6	1409.07	1472	132.1710	1366.5325
ROW 8	1409.07	1493	132.1710	1366.5325
ROW 8	1409.07	1448	132.1710	1366.5325
ROW 8	1409.07	1453	132.1710	1366.5325
ROW 8	1409.07	1467	132.1710	1366.5325
ROW 9	1409.07	1571	132.1710	1366.5325
BAY 4				
ROW 1	1451.50	1415	76.5525	1400.2111
ROW 1	1451.50	1499	76.5525	1400.2111
ROW 1	1451.50	1353	76.5525	1400.2111
ROW 2	1451.50	1362	76.5525	1400.2111
ROW 4	1451.50	1446	76.5525	1400.2111
ROW 6	1451.50	1474	76.5525	1400.2111
ROW 8	1451.50	1475	76.5525	1400.2111
ROW 9	1451.50	1588	76.5525	1400.2111
BAY 5				
ROW 1	1406.00	1413	67.9348	1358.4848

EXTENSION OF ICE CONDENSER WEIGHING PERIOD BASED
ON PREDICTED GROUP-ROW AND BAY SUBLIMATION RATES

Sheet 21 of 116
Prepared By/Date BBB 8/5/88
Reviewed By/Date 7 K 8/5/88
Sequoyah -- Unit 2

TABLE 6.1 (CONT)

STANDARD DEVIATION AND 95th PERCENTILE FOR 11-20-82

	AVERAGE WEIGHT (FOR BAY/BASKET)	BASKET WEIGHT (in lbs.)	STANDARD DEVIATION S	95th %
ROW 1	1404.00	1316	67.9348	1358.4848
ROW 1	1404.00	1345	67.9348	1358.4848
ROW 2	1404.00	1325	67.9348	1358.4848
ROW 4	1404.00	1437	67.9348	1358.4848
ROW 6	1404.00	1442	67.9348	1358.4848
ROW 8	1404.00	1449	67.9348	1358.4848
ROW 9	1404.00	1505	67.9348	1358.4848
BAY 6				
ROW 1	1445.63	1397	36.1542	1421.4073
ROW 1	1445.63	1454	36.1542	1421.4073
ROW 1	1445.63	1424	36.1542	1421.4073
ROW 2	1445.63	1409	36.1542	1421.4073
ROW 4	1445.63	1448	36.1542	1421.4073
ROW 6	1445.63	1443	36.1542	1421.4073
ROW 8	1445.63	1492	36.1542	1421.4073
ROW 9	1445.63	1498	36.1542	1421.4073
BAY 7				
ROW 1	1469.88	1457	54.3519	1433.4651
ROW 1	1469.88	1448	54.3519	1433.4651
ROW 1	1469.88	1407	54.3519	1433.4651
ROW 2	1469.88	1399	54.3519	1433.4651
ROW 4	1469.88	1546	54.3519	1433.4651
ROW 6	1469.88	1540	54.3519	1433.4651
ROW 8	1469.88	1488	54.3519	1433.4651
ROW 9	1469.88	1474	54.3519	1433.4651
BAY 8				
ROW 1	1409.25	1285	88.0369	1350.2667
ROW 1	1409.25	1402	88.0369	1350.2667
ROW 1	1409.25	1434	88.0369	1350.2667
ROW 2	1409.25	1416	88.0369	1350.2667

EXTENSION OF ICE CONDENSER WEIGHING PERIOD BASED
ON PREDICTED GROUP-ROW AND BAY SUBLIMATION RATES

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Prepared By/Date W. B. 8/5/88
Reviewed By/Date BT 8/8/88
Sequoyah -- Unit 2

TABLE 6.1 (CONT)

STANDARD DEVIATION AND 95th PERCENTILE FOR 11-20-82

	AVERAGE WEIGHT (FOR BAY/BASKET)	BASKET WEIGHT (in lbs.)	STANDARD DEVIATION s	95th %
ROW 4	1409.25	1520	88.0369	1350.2667
ROW 6	1409.25	1492	88.0369	1350.2667
ROW 8	1409.25	1448	88.0369	1350.2667
ROW 9	1409.25	1277	88.0369	1350.2667
BAY 9				
ROW 1	1456.33	1384	90.3851	1381.9774
ROW 2	1456.33	1313	90.3851	1381.9774
ROW 4	1456.33	1479	90.3851	1381.9774
ROW 6	1456.33	1542	90.3851	1381.9774
ROW 8	1456.33	1483	90.3851	1381.9774
ROW 9	1456.33	1537	90.3851	1381.9774
BAY 10				
ROW 1	1460.83	1327	96.7376	1381.2517
ROW 2	1460.83	1350	96.7376	1381.2517
ROW 4	1460.83	1553	96.7376	1381.2517
ROW 6	1460.83	1526	96.7376	1381.2517
ROW 8	1460.83	1509	96.7376	1381.2517
ROW 9	1460.83	1500	96.7376	1381.2517
BAY 11				
ROW 1	1466.83	1360	66.6046	1412.0397
ROW 2	1466.83	1415	66.6046	1412.0397
ROW 4	1466.83	1493	66.6046	1412.0397
ROW 6	1466.83	1543	66.6046	1412.0397
ROW 8	1466.83	1497	66.6046	1412.0397
ROW 9	1466.83	1493	66.6046	1412.0397

BAY 12

ROW 1	1465.67	1465	71.9268	1406.5015
ROW 2	1465.67	1325	71.9268	1406.5015

EXTENSION OF ICE CONDENSER WEIGHING PERIOD BASED
ON PREDICTED GROUP-ROW AND BAY SUBLIMATION RATES

Sheet 23 of 116
Prepared By/Date WPE 8/25/88
Reviewed By/Date TF 8/8/88
Sequoyah -- Unit 2

TABLE 6.1 (CONT)

STANDARD DEVIATION AND 95th PERCENTILE FOR 11-20-82

	AVERAGE WEIGHT (FOR BAY/BASKET)	BASKET WEIGHT (in lbs.)	STANDARD DEVIATION S	95th %
ROW 4	1465.67	1512	71.9268	1406.5015
ROW 6	1465.67	1497	71.9268	1406.5015
ROW 8	1465.67	1476	71.9268	1406.5015
ROW 9	1465.67	1519	71.9268	1406.5015

BAY 13

ROW 1	1481.50	1404	76.0335	1418.9533
ROW 2	1481.50	1447	76.0335	1418.9533
ROW 4	1481.50	1462	76.0335	1418.9533
ROW 6	1481.50	1585	76.0335	1418.9533
ROW 8	1481.50	1424	76.0335	1418.9533
ROW 9	1481.50	1567	76.0335	1418.9533

BAY 14

ROW 1	1446.17	1343	66.2945	1391.6348
ROW 2	1446.17	1419	66.2945	1371.6348
ROW 4	1446.17	1488	66.2945	1371.6348
ROW 6	1446.17	1540	66.2945	1391.6348
ROW 8	1446.17	1440	66.2945	1391.6348
ROW 9	1446.17	1447	66.2945	1391.6348

BAY 15

ROW 1	1441.17	1335	101.2629	1357.8691
ROW 2	1441.17	1312	101.2629	1357.8691
ROW 4	1441.17	1513	101.2629	1357.8691
ROW 6	1441.17	1556	101.2629	1357.8691
ROW 8	1441.17	1509	101.2629	1357.8691
ROW 9	1441.17	1422	101.2629	1357.8691

BAY 16

ROW 1	1486.50	1471	70.0593	1428.8678
ROW 2	1486.50	1369	70.0593	1428.8678

EXTENSION OF ICE CONDENSER WEIGHING PERIOD BASED
ON PREDICTED GROUP-ROW AND BAY SUBLIMATION RATES

Sheet 24 of 116
Prepared By/Date W. A. S. / 8/5/88
Reviewed By/Date LT 8/8/88
Sequoyah Unit 2

TABLE 6-1 (CONT)

STANDARD DEVIATION AND 95th PERCENTILE FOR 11-20-82

	AVERAGE WEIGHT (FOR BAY/BASKET)	BASKET WEIGHT (in lbs.)	STANDARD DEVIATION s	95th %
ROW 4	1486.50	1535	70.0593	1428.8678
ROW 6	1486.50	1534	70.0593	1428.8678
ROW 8	1486.50	1454	70.0593	1428.8678
ROW 9	1486.50	1556	70.0593	1428.8678
BAY 17				
ROW 1	1435.83	1446	67.6385	1380.1892
ROW 2	1435.83	1303	67.6385	1380.1892
ROW 4	1435.83	1461	67.6385	1380.1892
ROW 6	1435.83	1498	67.6385	1380.1892
ROW 8	1435.83	1452	67.6385	1380.1892
ROW 9	1435.83	1455	67.6385	1380.1892
BAY 18				
ROW 1	1460.67	1305	104.4771	1374.7250
ROW 2	1460.67	1355	104.4771	1374.7250
ROW 4	1460.67	1561	104.4771	1374.7250
ROW 6	1460.67	1532	104.4771	1374.7250
ROW 8	1460.67	1507	104.4771	1374.7250
ROW 9	1460.67	1504	104.4771	1374.7250
BAY 19				
ROW 1	1484.67	1384	107.2337	1396.4574
ROW 2	1484.67	1328	107.2337	1396.4574
ROW 4	1484.67	1493	107.2337	1396.4574
ROW 6	1484.67	1538	107.2337	1396.4574
ROW 8	1484.67	1563	107.2337	1396.4574
ROW 9	1484.67	1602	107.2337	1396.4574
BAY 20				
ROW 1	1459.50	1372	98.0219	1378.8652
ROW 2	1459.50	1303	98.0219	1378.8652

EXTENSION OF ICE CONDENSER WEIGHING PERIOD BASED
ON PREDICTED GROUP-ROW AND BAY SUBLIMATION RATES

Sheet 25 of 116
Prepared By/Date LT 4/15/88
Reviewed By/Date LT 4/15/88
Sequoyah -- Unit 2

TABLE 6-1 (CONT)

STANDARD DEVIATION AND 95th PERCENTILE FOR 11-20-82

	AVERAGE WEIGHT (FOR BAY/BASKET)	BASKET WEIGHT (in lbs.)	STANDARD DEVIATION s	95th %
ROW 4	1459.50	1533	98.0219	1378.8652
ROW 6	1459.50	1536	98.0219	1378.8652
ROW 8	1459.50	1496	98.0219	1378.8652
ROW 9	1459.50	1517	98.0219	1378.8652
BAY 21				
ROW 1	1493.67	1452	98.3558	1412.7605
ROW 2	1493.67	1320	98.3558	1412.7605
ROW 4	1493.67	1517	98.3558	1412.7605
ROW 6	1493.67	1562	98.3558	1412.7605
ROW 8	1493.67	1513	98.3558	1412.7605
ROW 9	1493.67	1598	98.3558	1412.7605
BAY 22				
ROW 1	1452.92	1100	96.5016	1420.5952
ROW 1	1452.92	1424	96.5016	1420.5952
ROW 2	1452.92	1313	96.5016	1420.5952
ROW 2	1452.92	1285	96.5016	1420.5952
ROW 4	1452.92	1451	96.5016	1420.5952
ROW 4	1452.92	1420	96.5016	1420.5952
ROW 4	1452.92	1411	96.5016	1420.5952
ROW 4	1452.92	1468	96.5016	1420.5952
ROW 5	1452.92	1477	96.5016	1420.5952
ROW 5	1452.92	1459	96.5016	1420.5952
ROW 5	1452.92	1482	96.5016	1420.5952
ROW 5	1452.92	1477	96.5016	1420.5952
ROW 5	1452.92	1442	96.5016	1420.5952
ROW 5	1452.92	1479	96.5016	1420.5952
ROW 6	1452.92	1491	96.5016	1420.5952
ROW 6	1452.92	1439	96.5016	1420.5952
ROW 6	1452.92	1493	96.5016	1420.5952
ROW 6	1452.92	1467	96.5016	1420.5952
ROW 7	1452.92	1496	96.5016	1420.5952
ROW 7	1452.92	1519	96.5016	1420.5952

EXTENSION OF ICE CONDENSER WEIGHING PERIOD BASED
ON PREDICTED GROUP-ROW AND BAY SUBLIMATION RATES

Sheet 26 of 116
Prepared By/Date ST 8/8/88
Reviewed By/Date LT 8/8/88
Sequoyah -- Unit 2

TABLE 6.1 (CONT)

STANDARD DEVIATION AND 95th PERCENTILE FOR 11-20-82

	AVERAGE WEIGHT (FOP BAY/BASKET)	BASKET WEIGHT (in lbs.)	STANDARD DEVIATION s	95th %
ROW 7	1452.92	1506	96.5016	1420.5952
ROW 7	1452.92	1479	96.5016	1420.5952
ROW 8	1452.92	1531	96.5016	1420.5952
ROW 8	1452.92	1527	96.5016	1420.5952
ROW 9	1452.92	1598	96.5016	1420.5952
ROW 9	1452.92	1542	96.5016	1420.5952
BAY 23				
ROW 1	1405.67	1239	97.0436	1325.8399
ROW 2	1405.67	1341	97.0436	1325.8399
ROW 4	1405.67	1435	97.0436	1325.8399
ROW 6	1405.67	1452	97.0436	1325.8399
ROW 8	1405.67	1482	97.0436	1325.8399
ROW 9	1405.67	1485	97.0436	1325.8399
BAY 24				
ROW 1	1362.33	1373	56.6168	1315.7558
ROW 2	1362.33	1277	56.6168	1315.7558
ROW 4	1362.33	1416	56.6168	1315.7558
ROW 6	1362.33	1351	56.6168	1315.7558
ROW 8	1362.33	1328	56.6168	1315.7558
ROW 9	1362.33	1429	56.6168	1315.7558

EXTENSION OF ICE CONDENSER WEIGHING PERIOD BASED
ON PREDICTED GROUP-ROW AND BAY SUBLIMATION RATES

Sheet 27 of 116
Prepared By/Date BSB 8/5/88
Reviewed By/Date AT 8/8/88
Sequoyah -- Unit 2

TABLE 6.1 (CONT)

STANDARD DEVIATION AND 95th PERCENTILE FOR 12-21-82

	AVERAGE WEIGHT (FOR BAY/BASKET)	BASKET WEIGHT (in lbs.)	STANDARD DEVIATION s	95th %
BAY 1				
ROW 1	1333.42	1035	83.1722	1305.5601
ROW 2	1333.42	1149	83.1722	1305.5601
ROW 3	1333.42	1346	83.1722	1305.5601
ROW 3	1333.42	1339	83.1722	1305.5601
ROW 3	1333.42	1363	83.1722	1305.5601
ROW 3	1333.42	1357	83.1722	1305.5601
ROW 3	1333.42	1277	83.1722	1305.5601
ROW 4	1333.42	1333	83.1722	1305.5601
ROW 4	1333.42	1376	83.1722	1305.5601
ROW 4	1333.42	1336	83.1722	1305.5601
ROW 5	1333.42	1395	83.1722	1305.5601
ROW 5	1333.42	1326	83.1722	1305.5601
ROW 5	1333.42	1315	83.1722	1305.5601
ROW 5	1333.42	1276	83.1722	1305.5601
ROW 6	1333.42	1368	83.1722	1305.5601
ROW 6	1333.42	1335	83.1722	1305.5601
ROW 6	1333.42	1410	83.1722	1305.5601
ROW 6	1333.42	1388	83.1722	1305.5601
ROW 6	1333.42	1297	83.1722	1305.5601
ROW 7	1333.42	1374	83.1722	1305.5601
ROW 7	1333.42	1409	83.1722	1305.5601
ROW 7	1333.42	1434	83.1722	1305.5601
ROW 7	1333.42	1362	83.1722	1305.5601
ROW 7	1333.42	1314	83.1722	1305.5601
ROW 8	1333.42	1386	83.1722	1305.5601
ROW 9	1333.42	1319	83.1722	1305.5601
BAY 2				
ROW 1	1360.58	984	103.2446	1325.9965
ROW 2	1360.58	1167	103.2446	1325.9965
ROW 3	1360.58	1287	103.2446	1325.9965
ROW 3	1360.58	1260	103.2446	1325.9965
ROW 3	1360.58	1305	103.2446	1325.9965
ROW 3	1360.58	1303	103.2446	1325.9965

EXTENSION OF ICE CONDENSER WEIGHING PERIOD BASED
ON PREDICTED GROUP-ROW AND BAY SUBLIMATION RATES

Sheet 28 of 116
Prepared By/Date SSR 8/5/86
Reviewed By/Date LT 8/8/88
Sequoyah -- Unit 2

TABLE 6-1 (CONT)

STANDARD DEVIATION AND 95th PERCENTILE FOR 12-21-82

	AVERAGE WEIGHT (FOR BAY/BASKET)	BASKET WEIGHT (in lbs.)	STANDARD DEVIATION s	95th %
ROW 3	1360.58	1314	103.2446	1325.9965
ROW 3	1360.58	1350	103.2446	1325.9965
ROW 4	1360.58	1352	103.2446	1325.9965
ROW 4	1360.58	1403	103.2446	1325.9965
ROW 5	1360.58	1451	103.2446	1325.9965
ROW 5	1360.58	1398	103.2446	1325.9965
ROW 5	1360.58	1396	103.2446	1325.9965
ROW 5	1360.58	1419	103.2446	1325.9965
ROW 5	1360.58	1442	103.2446	1325.9965
ROW 6	1360.58	1383	103.2446	1325.9965
ROW 6	1360.58	1411	103.2446	1325.9965
ROW 6	1360.58	1403	103.2446	1325.9965
ROW 6	1360.58	1395	103.2446	1325.9965
ROW 7	1360.58	1491	103.2446	1325.9965
ROW 7	1360.58	1409	103.2446	1325.9965
ROW 7	1360.58	1397	103.2446	1325.9965
ROW 7	1360.58	1444	103.2446	1325.9965
ROW 7	1360.58	1414	103.2446	1325.9965
ROW 8	1360.58	1419	103.2446	1325.9965
ROW 9	1360.58	1378	103.2446	1325.9965

BAY 3

ROW 1	1433.96	1182	87.2410	1404.7372
ROW 2	1433.96	1266	87.2410	1404.7372
ROW 3	1433.96	1352	87.2410	1404.7372
ROW 3	1433.96	1366	87.2410	1404.7372
ROW 3	1433.96	1359	87.2410	1404.7372
ROW 3	1433.96	1373	87.2410	1404.7372
ROW 3	1433.96	1373	87.2410	1404.7372
ROW 3	1433.96	1378	87.2410	1404.7372
ROW 4	1433.96	1356	87.2410	1404.7372
ROW 4	1433.96	1437	87.2410	1404.7372
ROW 4	1433.96	1449	87.2410	1404.7372
ROW 5	1433.96	1455	87.2410	1404.7372
ROW 5	1433.96	1459	87.2410	1404.7372
ROW 5	1433.96	1454	87.2410	1404.7372

EXTENSION OF ICE CONDENSER WEIGHING PERIOD BASED
ON PREDICTED GROUP-ROW AND BAY SUBLIMATION RATES

Sheet 29 of 116
Prepared By/Date W. B. S.
Reviewed By/Date W. B. S.
Sequoyah -- Unit 2

TABLE 6.1 (CONT)

STANDARD DEVIATION AND 95th PERCENTILE FOR 12-21-82

	AVERAGE WEIGHT (FOR BAY/BASKET)	BASKET WEIGHT (in lbs.)	STANDARD DEVIATION s	95th %
ROW 5	1433.96	1397	87.2410	1404.7372
ROW 6	1433.96	1447	87.2410	1404.7372
ROW 6	1433.96	1488	87.2410	1404.7372
ROW 6	1433.96	1489	87.2410	1404.7372
ROW 6	1433.96	1485	87.2410	1404.7372
ROW 7	1433.96	1482	87.2410	1404.7372
ROW 7	1433.96	1530	87.2410	1404.7372
ROW 7	1433.96	1521	87.2410	1404.7372
ROW 7	1433.96	1511	87.2410	1404.7372
ROW 7	1433.96	1542	87.2410	1404.7372
ROW 8	1433.96	1491	87.2410	1404.7372
ROW 9	1433.96	1525	87.2410	1404.7372
BAY 4				
ROW 1	1416.63	1387	38.8658	1390.5905
ROW 1	1416.63	1453	38.8658	1390.5905
ROW 1	1416.63	1358	38.8658	1390.5905
ROW 2	1416.63	1386	38.8658	1390.5905
ROW 4	1416.63	1421	38.8658	1390.5905
ROW 6	1416.63	1478	38.8658	1390.5905
ROW 8	1416.63	1419	38.8658	1390.5905
ROW 9	1416.63	1431	38.8658	1390.5905
BAY 5				
ROW 1	1397.5	1397	73.6827	1348.1338
ROW 1	1397.5	1290	73.6827	1348.1338
ROW 1	1397.5	1324	73.6827	1348.1338
ROW 2	1397.5	1339	73.6827	1348.1338
ROW 4	1397.5	1461	73.6827	1348.1338
ROW 6	1397.5	1473	73.6827	1348.1338
ROW 8	1397.5	1496	73.6527	1348.1338
ROW 9	1397.5	1391	73.6827	1348.1338
BAY 6				

EXTENSION OF ICE CONDENSER WEIGHING PERIOD BASED
ON PREDICTED GROUP-ROW AND BAY SUBLIMATION RATES

Sheet 30 of 116
Prepared By/Date BT 3/5/88
Reviewed By/Date BT 3/5/88
Sequoyah - Unit 2

TABLE 6.1 (CONT)

STANDARD DEVIATION AND 95th PERCENTILE FOR 12-21-82

	AVERAGE WEIGHT (FOR BAY/BASKET)	BASKET WEIGHT (in lbs.)	STANDARD DEVIATION S	95th % BT 3/6/88	
			41.4272	1371.4444	BT 3/6/81
ROW 1	1399.25	1377	36.9672	1374.4826	PREVIOUS ANSWER IS MORE CONSERVATIVE
ROW 1	1399.25	1380	36.9672	1374.4826	
ROW 2 BT	1399.25	1385	36.9672	1374.4826	
ROW 4 4-6-78	1399.25	1456	36.9672	1374.4826	
ROW 1	1399.25	1334	36.9672	1374.4826	
ROW 6	1399.25	1450	36.9672	1374.4826	
ROW 8	1399.25	1426	36.9672	1374.4826	
ROW 9	1399.25	1386	36.9672	1374.4826	
BAY 7					
ROW 1	1411.75	1430	34.0242	1388.9544	
ROW 1	1411.75	1387	34.0242	1388.9544	
ROW 1	1411.75	1370	34.0242	1388.9544	
ROW 2	1411.75	1369	34.0242	1388.9544	
ROW 4	1411.75	1422	34.0242	1388.9544	
ROW 6	1411.75	1463	34.0242	1388.9544	
ROW 8	1411.75	1441	34.0242	1388.9544	
ROW 9	1411.75	1412	34.0242	1388.9544	
BAY 8					
ROW 1	1366.63	1273	62.2344	1324.9339	
ROW 1	1366.63	1358	62.2344	1324.9339	
ROW 1	1366.63	1422	62.2344	1324.9339	
ROW 2	1366.63	1330	62.2344	1324.9339	
ROW 4	1366.63	1432	62.2344	1324.9339	
ROW 6	1366.63	1448	62.2344	1324.9339	
ROW 8	1366.63	1357	62.2344	1324.9339	
ROW 9	1366.63	1313	62.2344	1324.9339	
BAY 9					
ROW 1	1457.65	1143	85.0717	1429.1538	
ROW 2	1457.65	1259	85.0717	1429.1538	
ROW 3	1457.65	1464	85.0717	1429.1538	
ROW 3	1457.65	1476	85.0717	1429.1538	

EXTENSION OF ICE CONDENSER WEIGHING PERIOD BASED
ON PREDICTED GROUP-ROW AND BAY SUBLIMATION RATES

Sheet 31 of 116
Prepared By/Date BT 8/1/88
Reviewed By/Date BT 8/1/88
Sequoyah - Unit 2

TABLE 6.1 (CONT)

STANDARD DEVIATION AND 95th PERCENTILE FOR 12-21-82

	AVERAGE WEIGHT (FOR BAY/BASKET)	BASKET WEIGHT (in lbs.)	STANDARD DEVIATION s	95th %
ROW 3	1457.65	1487	85.0717	1429.1538
ROW 3	1457.65	1446	85.0717	1429.1538
ROW 3	1457.65	1426	85.0717	1429.1538
ROW 3	1457.65	1401	85.0717	1429.1538
ROW 4	1457.65	1502	85.0717	1429.1538
ROW 4	1457.65	1495	85.0717	1429.1538
ROW 4	1457.65	1426	85.0717	1429.1538
ROW 4	1457.65	1442	85.0717	1429.1538
ROW 5	1457.65	1508	85.0717	1429.1538
ROW 5	1457.65	1526	85.0717	1429.1538
ROW 5	1457.65	1489	85.0717	1429.1538
ROW 6	1457.65	1487	85.0717	1429.1538
ROW 6	1457.65	1502	85.0717	1429.1538
ROW 6	1457.65	1494	85.0717	1429.1538
ROW 6	1457.65	1494	85.0717	1429.1538
ROW 7	1457.65	1514	85.0717	1429.1538
ROW 7	1457.65	1542	85.0717	1429.1538
ROW 7	1457.65	1535	85.0717	1429.1538
ROW 7	1457.65	1483	85.0717	1429.1538
ROW 7	1457.65	1466	85.0717	1429.1538
ROW 8	1457.65	1420	85.0717	1429.1538
ROW 9	1457.65	1472	85.0717	1429.1538
BAY 10				
ROW 1	1408	1312	52.0730	1365.1637
ROW 2	1408	1415	52.0730	1365.1637
ROW 4	1408	1434	52.0730	1365.1637
ROW 6	1408	1451	52.0730	1365.1637
ROW 8	1408	1390	52.0730	1365.1637
ROW 9	1408	1446	52.0730	1365.1637
BAY 11				
ROW 1	1399.83	1374	19.7729	1383.5644
ROW 2	1399.83	1415	19.7729	1383.5644
ROW 4	1399.83	1381	19.7729	1383.5644

EXTENSION OF ICE CONDENSER WEIGHING PERIOD BASED
ON PREDICTED GROUP-ROW AND BAY SUBLIMATION RATES

Sheet 32 of 116
Prepared By/Date 8/5/88
Reviewed By/Date 8/8/88
Sequoyah -- Unit 2

TABLE 6.1 (CONT)

STANDARD DEVIATION AND 95th PERCENTILE FOR 12-21-82

	AVERAGE WEIGHT (FOR BAY/BASKET)	BASKET WEIGHT (in lbs.)	STANDARD DEVIATION S	95th %
ROW 6	1399.83	1426	19.7729	1383.5644
ROW 8	1399.83	1399	19.7729	1383.5644
ROW 9	1399.83	1404	19.7729	1383.5644
BAY 12				
ROW 1	1433.77	1430	57.6695	1386.3299
ROW 2	1433.77	1353	57.6695	1386.3299
ROW 4	1433.77	1442	57.6695	1386.3299
ROW 6	1433.77	1500	57.6695	1386.3299
ROW 8	1433.77	1384	57.6695	1386.3299
ROW 9	1433.77	1490	57.6695	1386.3299
BAY 13				
ROW 1	1377.5	1243	72.4286	1317.9188
ROW 2	1377.5	1390	72.4286	1317.9188
ROW 4	1377.5	1402	72.4286	1317.9188
ROW 6	1377.5	1437	72.4286	1317.9188
ROW 8	1377.5	1357	72.4286	1317.9188
ROW 9	1377.5	1436	72.4286	1317.9188
BAY 14				
ROW 1	1383.5	1419	44.6217	1346.7932
ROW 2	1383.5	1389	44.6217	1346.7932
ROW 4	1383.5	1381	44.6217	1346.7932
ROW 6	1383.5	1444	44.6217	1346.7932
ROW 8	1383.5	1341	44.6217	1346.7932
ROW 9	1383.5	1327	44.6217	1346.7932
BAY 15				
ROW 1	1442.17	1374	34.4640	1413.8192
ROW 2	1442.17	1444	34.4640	1413.8192
ROW 4	1442.17	1451	34.4640	1413.8192
ROW 6	1442.17	1467	34.4640	1413.8192

EXTENSION OF ICE CONDENSER WEIGHING PERIOD BASED
ON PREDICTED GROUP-ROW AND BAY SUBLIMATION RATES

Sheet 33 of 116
Prepared By/Date W. E. 8/5/88
Reviewed By/Date F. 8/5/88
Sequoyah -- Unit 2

TABLE 6.1 (CONT)

STANDARD DEVIATION AND 95th PERCENTILE FOR 12-21-82

	AVERAGE WEIGHT (FOR BAY/BASKET)	BASKET WEIGHT (in lbs.)	STANDARD DEVIATION S	95th %
ROW 8	1442.17	1464	34.4640	1413.8192
ROW 9	1442.17	1453	34.4640	1413.8192
BAY 16				
ROW 1	1376.17	1288	86.8364	1304.7366
ROW 2	1376.17	1276	86.8364	1304.7366
ROW 4	1376.17	1401	86.8364	1304.7366
ROW 6	1376.17	1458	86.8364	1304.7366
ROW 8	1376.17	1485	86.8364	1304.7366
ROW 9	1376.17	1349	86.8364	1304.7366
BAY 17				
ROW 1	1395.67	1443	57.2352	1348.5872
ROW 2	1395.67	1413	57.2352	1348.5872
ROW 4	1395.67	1430	57.2352	1348.5872
ROW 6	1395.67	1437	57.2352	1348.5872
ROW 8	1395.67	1349	57.2352	1348.5872
ROW 9	1395.67	1302	57.2352	1348.5872
BAY 18				
ROW 1	1431.83	1351	59.9180	1382.5402
ROW 2	1431.83	1360	59.9180	1382.5402
ROW 4	1431.83	1477	59.9180	1382.5402
ROW 6	1431.83	1468	59.9180	1382.5402
ROW 8	1431.83	1481	59.9180	1382.5402
ROW 9	1431.83	1454	59.9180	1382.5402
BAY 19				
ROW 1	1432.67	1277	104.4848	1346.7187
ROW 2	1432.67	1367	104.4848	1346.7187
ROW 4	1432.67	1403	104.4848	1346.7187
ROW 6	1432.67	1490	104.4848	1346.7187
ROW 8	1432.67	1490	104.4848	1346.7187

EXTENSION OF ICE CONDENSER WEIGHING PERIOD BASED
ON PREDICTED GROUP-ROW AND BAY SUBLIMATION RATES

Sheet 34 of 116
Prepared By/Date W. B. B. 8/5/8
Reviewed By/Date LT 8/15/88
Sequoyah -- Unit 2

TABLE 6.1 (CONT)

STANDARD DEVIATION AND 95th PERCENTILE FOR 12-21-82

	AVERAGE WEIGHT (FOR BAY/BASKET)	BASKET WEIGHT (in lbs.)	STANDARD DEVIATION s	95th %
ROW 9	1432.67	1569	104.4848	1346.7187
BAY 20				
ROW 1	1395.83	1266	100.1327	1313.4588
ROW 2	1395.83	1284	100.1327	1313.4588
ROW 4	1395.83	1409	100.1327	1313.4588
ROW 6	1395.83	1446	100.1327	1313.4588
ROW 8	1395.83	1452	100.1327	1313.4588
ROW 9	1395.83	1518	100.1327	1313.4588
BAY 21				
ROW 1	1452.5	1414	43.0054	1417.1229
ROW 2	1452.5	1417	43.0054	1417.1229
ROW 4	1452.5	1407	43.0054	1417.1229
ROW 6	1452.5	1482	43.0054	1417.1229
ROW 8	1452.5	1502	43.0054	1417.1229
ROW 9	1452.5	1486	43.0054	1417.1229
BAY 22				
ROW 1	1459.31	1188	72.2278	1435.1161
ROW 2	1459.31	1399	72.2278	1435.1161
ROW 3	1459.31	1409	72.2278	1435.1161
ROW 3	1459.31	1396	72.2278	1435.1161
ROW 3	1459.31	1434	72.2278	1435.1161
ROW 3	1459.31	1421	72.2278	1435.1161
ROW 3	1459.31	1445	72.2278	1435.1161
ROW 3	1459.31	1411	72.2278	1435.1161
ROW 4	1459.31	1464	72.2278	1435.1161
ROW 4	1459.31	1422	72.2278	1435.1161
ROW 4	1459.31	1476	72.2278	1435.1161
ROW 5	1459.31	1486	72.2278	1435.1161
ROW 5	1459.31	1697	72.2278	1435.1161
ROW 5	1459.31	1452	72.2278	1435.1161
ROW 6	1459.31	1493	72.2278	1435.1161

EXTENSION OF ICE CONDENSER WEIGHING PERIOD BASED
ON PREDICTED GROUP-ROW AND BAY SUBLIMATION RATES

Sheet 35 of 116
Prepared By/Date WJL 8/5/88
Reviewed By/Date LT 8/8/88
Sequoyah -- Unit 2

TABLE 6.1 (CONT)

STANDARD DEVIATION AND 95th PERCENTILE FOR 12-21-82

	AVERAGE WEIGHT (FOR BAY/BASKET)	BASKET WEIGHT (in lbs.)	STANDARD DEVIATION S	95th %
ROW 6	1459.31	1510	72.2278	1435.1161
ROW 6	1459.31	1481	72.2278	1435.1161
ROW 6	1459.31	1429	72.2278	1435.1161
ROW 7	1459.31	1514	72.2278	1435.1161
ROW 7	1459.31	1545	72.2278	1435.1161
ROW 7	1459.31	1534	72.2278	1435.1161
ROW 7	1459.31	1516	72.2278	1435.1161
ROW 7	1459.31	1504	72.2278	1435.1161
ROW 7	1459.31	1496	72.2278	1435.1161
ROW 8	1459.31	1458	72.2278	1435.1161
ROW 9	1459.31	1562	72.2278	1435.1161
BAY 23				
ROW 1	1404.67	1310	73.4756	1344.2275
ROW 2	1404.67	1326	73.4756	1344.2275
ROW 4	1404.67	1397	73.4756	1344.2275
ROW 6	1404.67	1453	73.4756	1344.2275
ROW 8	1404.67	1453	73.4756	1344.2275
ROW 9	1404.67	1489	73.4756	1344.2275
BAY 24				
ROW 1	1449	1438	38.2832	1417.5075
ROW 2	1449	1426	38.2832	1417.5075
ROW 4	1449	1431	38.2832	1417.5075
ROW 6	1449	1429	38.2832	1417.5075
ROW 8	1449	1444	38.2832	1417.5075
ROW 9	1449	1526	38.2832	1417.5075

EXTENSION OF ICE CONDENSER WEIGHING PERIOD BASED
ON PREDICTED GROUP-ROW AND BAY SUBLIMATION RATES

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Prepared By/Date W. B. B. 8/5/88
Reviewed By/Date ET 8/15/88
Sequoyah -- Unit 2

TABLE 6.1(CONT) STANDARD DEVIATION AND
95th PERCENTILE 07-28-83

	AVERAGE WEIGHT (FOR BAY/BASKET)	BASKET WEIGHT (1.1 lbs.)	STANDARD DEVIATION S	95th %
BAY 1				
ROW 1	1279.38	1142	80.5074	1252.4127
ROW 1	1279.38	1102	80.5074	1252.4127
ROW 2	1279.38	1198	80.5074	1252.4127
ROW 2	1279.38	1061	80.5074	1252.4127
ROW 3	1279.38	1258	80.5074	1252.4127
ROW 3	1279.38	1277	80.5074	1252.4127
ROW 3	1279.38	1285	80.5074	1252.4127
ROW 3	1279.38	1285	80.5074	1252.4127
ROW 4	1279.38	1272	80.5074	1252.4127
ROW 4	1279.38	1316	80.5074	1252.4127
ROW 4	1279.38	1259	80.5074	1252.4127
ROW 5	1279.38	1368	80.5074	1252.4127
ROW 5	1279.38	1372	80.5074	1252.4127
ROW 5	1279.38	1263	80.5074	1252.4127
ROW 6	1279.38	1333	80.5074	1252.4127
ROW 6	1279.38	1274	80.5074	1252.4127
ROW 6	1279.38	1374	80.5074	1252.4127
ROW 6	1279.38	1245	80.5074	1252.4127
ROW 7	1279.38	1346	80.5074	1252.4127
ROW 7	1279.38	1394	80.5074	1252.4127
ROW 7	1279.38	1325	80.5074	1252.4127
ROW 7	1279.38	1262	80.5074	1252.4127
ROW 8	1279.38	1326	80.5074	1252.4127
ROW 8	1279.38	1290	80.5074	1252.4127
ROW 9	1279.38	1317	80.5074	1252.4127
ROW 9	1279.38	1320	80.5074	1252.4127
BAY 2				
ROW 1	1320.73	993	138.1085	1274.4683
ROW 1	1320.73	1009	138.1085	1274.4683
ROW 2	1320.73	1115	138.1085	1274.4683
ROW 2	1320.73	1120	138.1085	1274.4683
ROW 3	1320.73	1193	138.1085	1274.4683
ROW 3	1320.73	1254	138.1085	1274.4683
ROW 3	1320.73	1249	138.1085	1274.4683
ROW 3	1320.73	1263	138.1085	1274.4683
ROW 4	1320.73	1308	138.1085	1274.4683
ROW 4	1320.73	1268	138.1085	1274.4683
ROW 4	1320.73	1327	138.1085	1274.4683
ROW 5	1320.73	1410	138.1085	1274.4683

EXTENSION OF ICE CONDENSER WEIGHING PERIOD BASED
ON PREDICTED GROUP-ROW AND BAY SUBLIMATION RATES

Sheet 37 of 116
Prepared By/Date and B. 8/5/88
Reviewed By/Date LT 8/8/88
Sequoyah -- Unit 2

TABLE 6.1 (CONT)

ROW 5	1320.73	1347	138.1085	1274.4683
ROW 5	1320.73	1397	138.1085	1274.4683
ROW 5	1320.73	1405	138.1085	1274.4683
ROW 6	1320.73	1403	138.1085	1274.4683
ROW 6	1320.73	1351	138.1085	1274.4683
ROW 6	1320.73	1467	138.1085	1274.4683
ROW 7	1320.73	1441	138.1085	1274.4683
ROW 7	1320.73	1404	138.1085	1274.4683
ROW 7	1320.73	1408	138.1085	1274.4683
ROW 7	1320.73	1420	138.1085	1274.4683
ROW 8	1320.73	1438	138.1085	1274.4683
ROW 8	1320.73	1424	138.1085	1274.4683
ROW 9	1320.73	1503	138.1085	1274.4683
ROW 9	1320.73	1422	138.1085	1274.4683

BAY 3

ROW 1	1380.17	1256	132.7530	1270.9647
ROW 2	1380.17	1228	132.7530	1270.9647
ROW 4	1380.17	1427	132.7530	1270.9647
ROW 6	1380.17	1488	132.7530	1270.9647
ROW 8	1380.17	1560	132.7530	1270.9647
ROW 9	1380.17	1322	132.7530	1270.9647

LT 4/6/84

BAY 4

ROW 1	1468.67	1456	97.5541	1388.4200
ROW 2	1468.67	1303	97.5541	1388.4200
ROW 4	1468.67	1470	97.5541	1388.4200
ROW 6	1468.67	1506	97.5541	1388.4200
ROW 8	1468.67	1534	97.5541	1388.4200
ROW 9	1468.67	1541	97.5541	1388.4200

PREVIOUSLY CALCULATED
NUMBER IS
CONSERVATIVE

BAY 5

ROW 1	1417.67	1311	99.3653	1335.9301
ROW 2	1417.67	1274	99.3653	1335.9301
ROW 4	1417.67	1481	99.3653	1335.9301
ROW 6	1417.67	1509	99.3653	1335.9301
ROW 8	1417.67	1480	99.3653	1335.9301
ROW 9	1417.67	1451	99.3653	1335.9301

BAY 6

ROW 1	1473.67	1348	74.6155	1412.2898
ROW 2	1473.67	1426	74.6155	1412.2898
ROW 4	1473.67	1499	74.6155	1412.2898
ROW 6	1473.67	1546	74.6155	1412.2898
ROW 8	1473.67	1516	74.6155	1412.2898
ROW 9	1473.67	1511	74.6155	1412.2898

EXTENSION OF ICE CONDENSER WEIGHING PERIOD BASED
ON PREDICTED GROUP-ROW AND BAY SUBLIMATION RATES

TABLE 6.1 (CONT)

BAY 7

ROW 1	1469.33	1338	71.8825	1410.1980
ROW 2	1469.33	1400	71.8825	1410.1980
ROW 4	1469.33	1474	71.8825	1410.1980
ROW 6	1469.33	1504	71.8825	1410.1980
ROW 8	1469.33	1472	71.8825	1410.1980
ROW 9	1469.33	1533	71.8825	1410.1980

BAY 8

ROW 1	1408.83	1437	43.6688	1372.9071
ROW 2	1408.83	1322	43.6688	1372.9071
ROW 4	1408.83	1413	43.6688	1372.9071
ROW 6	1408.83	1435	43.6688	1372.9071
ROW 8	1408.83	1416	43.6688	1372.9071
ROW 9	1408.83	1430	43.6688	1372.9071

BAY 9

ROW 1	1452.04	1413	96.1454	1419.8345
ROW 1	1452.04	1099	96.1454	1419.8345
ROW 2	1452.04	1348	96.1454	1419.8345
ROW 2	1452.04	1322	96.1454	1419.8345
ROW 3	1452.04	1445	96.1454	1419.8345
ROW 3	1452.04	1438	96.1454	1419.8345
ROW 3	1452.04	1405	96.1454	1419.8345
ROW 3	1452.04	1353	96.1454	1419.8345
ROW 4	1452.04	1490	96.1454	1419.8345
ROW 4	1452.04	1447	96.1454	1419.8345
ROW 4	1452.04	1404	96.1454	1419.8345
ROW 5	1452.04	1516	96.1454	1419.8345
ROW 5	1452.04	1506	96.1454	1419.8345
ROW 5	1452.04	1497	96.1454	1419.8345
ROW 5	1452.04	1484	96.1454	1419.8345
ROW 6	1452.04	1541	96.1454	1419.8345
ROW 6	1452.04	1515	96.1454	1419.8345
ROW 6	1452.04	1466	96.1454	1419.8345
ROW 7	1452.04	1507	96.1454	1419.8345
ROW 7	1452.04	1521	96.1454	1419.8345
ROW 7	1452.04	1526	96.1454	1419.8345
ROW 7	1452.04	1469	96.1454	1419.8345
ROW 8	1452.04	1519	96.1454	1419.8345
ROW 8	1452.04	1407	96.1454	1419.8345
ROW 9	1452.04	1579	96.1454	1419.8345
ROW 9	1452.04	1506	96.1454	1419.8345

EXTENSION OF ICE CONDENSER WEIGHING PERIOD BASED
ON PREDICTED GROUP-ROW AND BAY SUBLIMATION RATES

Sheet 39 of 116
Prepared By/Date W. B. B. 8/5/88
Reviewed By/Date BT 8/8/88
Sequoyah -- Unit 2

TABLE 6.1 (CONT)

BAY 10

ROW 1	1444.83	1443	50.8819	1402.9735
ROW 2	1444.83	1368	50.8819	1402.9735
ROW 4	1444.83	1470	50.8819	1402.9735
ROW 6	1444.83	1504	50.8819	1402.9735
ROW 8	1444.83	1404	50.8819	1402.9735
ROW 9	1444.83	1480	50.8819	1402.9735

BAY 11

ROW 1	1458	1416	29.3598	1433.8480
ROW 2	1458	1496	29.3598	1433.8480
ROW 4	1458	1476	29.3598	1433.8480
ROW 6	1458	1474	29.3598	1433.8480
ROW 8	1458	1437	29.3598	1433.8480
ROW 9	1458	1449	29.3598	1433.8480

BAY 12

ROW 1	1452.5	1439	68.9137	1395.8102
ROW 2	1452.5	1431	68.9137	1395.8102
ROW 4	1452.5	1386	68.9137	1395.8102
ROW 6	1452.5	1545	68.9137	1395.8102
ROW 8	1452.5	1528	68.9137	1395.8102
ROW 9	1452.5	1386	68.9137	1395.8102

BAY 13

ROW 1	1401.5	1203	105.1546	1314.9977
ROW 2	1401.5	1391	105.1546	1314.9977
ROW 4	1401.5	1427	105.1546	1314.9977
ROW 6	1401.5	1483	105.1546	1314.9977
ROW 8	1401.5	1412	105.1546	1314.9977
ROW 9	1401.5	1493	105.1546	1314.9977

BAY 14

ROW 1	1426.67	1519	70.6814	1368.5260
ROW 2	1426.67	1438	70.6814	1368.5260
ROW 4	1426.67	1423	70.6814	1368.5260
ROW 6	1426.67	1486	70.6814	1368.5260
ROW 8	1426.67	1340	70.6814	1368.5260
ROW 9	1426.67	1354	70.6814	1368.5260

EXTENSION OF ICE CONDENSER WEIGHING PERIOD BASED
ON PREDICTED GROUP-RCW AND BAY SUBLIMATION RATES

Sheet 40 of 116
Prepared By/Date 8/5/88
Reviewed By/Date 17 5/8/88
Sequoyah -- Unit 2

TABLE 6.1 (CONT)

BAY 15

ROW 1	1443	1309	83.0759	1374.6601
ROW 2	1443	1376	83.0759	1374.6601
ROW 4	1443	1510	83.0759	1374.6601
ROW 6	1443	1497	83.0759	1374.6601
ROW 8	1443	1456	83.0759	1374.6601
ROW V	1443	1510	83.0759	1374.6601

BAY 16

ROW 1	1414.33	1245	126.7228	1310.0853
ROW 2	1414.33	1258	126.7228	1310.0853
ROW 4	1414.33	1476	126.7228	1310.0853
ROW 6	1414.33	1502	126.7228	1310.0853
ROW 8	1414.33	1511	126.7228	1310.0853
ROW 9	1414.33	1494	126.7228	1310.0853

BAY 17

ROW 1	1408.17	1383	52.6172	1364.8860
ROW 2	1408.17	1368	52.6172	1364.8860
ROW 4	1408.17	1461	52.6172	1364.8860
ROW 6	1408.17	1448	52.6172	1364.8860
ROW 8	1408.17	1453	52.6172	1364.8860
ROW 9	1408.17	1336	52.6172	1364.8860

EXTENSION OF ICE CONDENSER WEIGHING PERIOD BASED
ON PREDICTED GROUP-ROW AND BAY SUBLIMATION RATES

Sheet 41 of 116
Prepared By/Date W. J. 2/5/68
Reviewed By/Date LT 8/5/58
Sequoyah -- Unit 2

TABLE 6-1 (CONT)

BAY 18

ROW 1	1449.69	1179	83.6123	1421.6827
ROW 1	1449.69	1344	83.6123	1421.6827
ROW 2	1449.69	1283	83.6123	1421.6827
ROW 2	1449.69	1334	83.6123	1421.6827
ROW 3	1449.69	1384	83.6123	1421.6827
ROW 3	1449.69	1400	83.6123	1421.6827
ROW 3	1449.69	1460	83.6123	1421.6827
ROW 3	1449.69	1484	83.6123	1421.6827
ROW 4	1449.69	1465	83.6123	1421.6827
ROW 4	1449.69	1506	83.6123	1421.6827
ROW 4	1449.69	1494	83.6123	1421.6827
ROW 5	1449.69	1465	83.6123	1421.6827
ROW 5	1449.69	1485	83.6123	1421.6827
ROW 5	1449.69	1502	83.6123	1421.6827
ROW 5	1449.69	1498	83.6123	1421.6827
ROW 6	1449.69	1509	83.6123	1421.6827
ROW 6	1449.69	1499	83.6123	1421.6827
ROW 6	1449.65	1516	83.6123	1421.6827
ROW 7	1449.69	1472	83.6123	1421.6827
ROW 7	1449.69	1491	83.6123	1421.6827
ROW 7	1449.69	1516	83.6123	1421.6827
ROW 7	1449.69	1520	83.6123	1421.6827
ROW 8	1449.69	1429	83.6123	1421.6827
ROW 8	1449.69	1442	83.6123	1421.6827
ROW 9	1449.69	1515	83.6123	1421.6827
ROW 9	1449.19	1500	83.6123	1421.6827

BAY 19

ROW 1	1414.17	1225	129.8529	1307.3504
ROW 2	1414.17	1286	129.8529	1307.3504
ROW 4	1414.17	1429	129.8529	1307.3504
ROW 6	1414.17	1519	129.8529	1307.3504
ROW 8	1414.17	1487	129.8529	1307.3504
ROW 9	1414.17	1539	129.8529	1307.3504

EXTENSION OF ICE CONDENSER WEIGHING PERIOD BASED
ON PREDICTED GROUP-ROW AND BAY SUBLIMATION RATES

Sheet 42 of 116
Prepared By/Date CT 8/5/88
Reviewed By/Date LT 8/5/88
Sequoyah -- Unit 2

TABLE 6.1 (CONT)

BAY 20

ROW 1	1410.17	1280	125.4391	1306.9813
ROW 2	1410.17	1225	125.4391	1306.9813
ROW 4	1410.17	1451	125.4391	1306.9813
ROW 6	1410.17	1496	125.4391	1306.9813
ROW 8	1410.17	1487	125.4391	1306.9813
ROW 9	1410.17	1522	125.4391	1306.9813

BAY 21

ROW 1	1460	1420	51.5613	1417.5846
ROW 2	1460	1412	51.5613	1417.5846
ROW 4	1460	1413	51.5613	1417.5846
ROW 6	1460	1524	51.5613	1417.5846
ROW 8	1460	1488	51.5613	1417.5846
ROW 9	1460	1508	51.5613	1417.5846

BAY 22

ROW 1	1423.81	1172	103.4721	1389.1503
ROW 1	1423.81	1373	103.4721	1389.1503
ROW 2	1423.81	1226	103.4721	1389.1503
ROW 2	1423.81	1209	103.4721	1389.1503
ROW 3	1423.81	1388	103.4721	1389.1503
ROW 3	1423.81	1385	103.4721	1389.1503
ROW 3	1423.81	1333	103.4721	1389.1503
ROW 3	1423.81	1335	103.4721	1389.1503
ROW 4	1423.81	1414	103.4721	1389.1503
ROW 4	1423.81	1434	103.4721	1389.1503
ROW 4	1423.81	1378	103.4721	1389.1503
ROW 5	1423.81	1466	103.4721	1389.1503
ROW 5	1423.81	1463	103.4721	1389.1503
ROW 5	1423.81	1456	103.4721	1389.1503
ROW 5	1423.81	1446	103.4721	1389.1503
ROW 6	1423.81	1478	103.4721	1389.1503
ROW 6	1423.81	1457	103.4721	1389.1503
ROW 6	1423.81	1447	103.4721	1389.1503
ROW 7	1423.81	1505	103.4721	1389.1503
ROW 7	1423.81	1521	103.4721	1389.1503
ROW 7	1423.81	1489	103.4721	1389.1503
ROW 7	1423.81	1476	103.4721	1389.1503
ROW 8	1423.81	1552	103.4721	1389.1503
ROW 8	1423.81	1472	103.4721	1389.1503
ROW 9	1423.81	1566	103.4721	1389.1503
ROW 9	1423.81	1578	103.4721	1389.1503

EXTENSION OF ICE CONDENSER WEIGHING PERIOD BASED
ON PREDICTED GROUP-ROW AND BAY SUBLIMATION RATES

TABLE 6.1 (CONT)

BAY 23					
ROW 1	1431.38	FT 8/1000	1348	103.0123	1396.8743
ROW 1	1431.38	1115	1448	103.0123	1396.8743
ROW 2	1431.38		1281	103.0123	1396.8743
ROW 2	1431.38		1210	103.0123	1396.8743
ROW 3	1431.38		1393	103.0123	1396.8743
ROW 3	1431.38		1376	103.0123	1396.8743
ROW 3	1431.38		1383	103.0123	1396.8743
ROW 3	1431.38		1370	103.0123	1396.8743
ROW 4	1431.38		1424	103.0123	1396.8743
ROW 4	1431.38		1425	103.0123	1396.8743
ROW 4	1431.38		1405	103.0123	1396.8743
ROW 5	1431.38		1467	103.0123	1396.8743
ROW 5	1431.38		1475	103.0123	1396.8743
ROW 5	1431.38		1450	103.0123	1396.8743
ROW 6	1431.38		1503	103.0123	1396.8743
ROW 6	1431.38		1471	103.0123	1396.8743
ROW 6	1431.38		1492	103.0123	1396.8743
ROW 7	1431.38		1510	103.0123	1396.8743
ROW 7	1431.38		1469	103.0123	1396.8743
ROW 7	1431.38		1520	103.0123	1396.8743
ROW 7	1431.38		1527	103.0123	1396.8743
ROW 8	1431.38		1502	103.0123	1396.8743
ROW 8	1431.38		1528	103.0123	1396.8743
ROW 9	1431.38		1500	103.0123	1396.8743
ROW 9	1431.38		1547	103.0123	1396.8743

BAY 24					
ROW 1	1365.67		1253	111.3259	1274.0910
ROW 2	1365.67		1282	111.3259	1274.0910
ROW 4	1365.67		1275	111.3259	1274.0910
ROW 6	1365.67		1441	111.3259	1274.0910
ROW 8	1365.67		1412	111.3259	1274.0910
ROW 9	1365.67		1529	111.3259	1274.0910

EXTENSION OF ICE CONDENSER WEIGHING PERIOD BASED
ON PREDICTED GROUP-ROW AND BAY SUBLIMATION RATES

TABLE 6.1 (CONT)

STANDARD DEVIATION AND 95th PERCENTILE FOR 9-21-83

	AVERAGE WEIGHT (FOR BAY/BASKET)	BASKET WEIGHT (in lbs.)	STANDARD DEVIATION s	95th %
BAY 1				
ROW 1	1383	1526	80.6424	1316.6619
ROW 2	1383	1428	80.6424	1316.6619
ROW 4	1383	1351	80.6424	1316.6619
ROW 6	1383	1327	80.6424	1316.6619
ROW 8	1383	1354	80.6424	1316.6619
ROW 9	1383	1312	80.6424	1316.6619
BAY 2				
ROW 1	1385.83	1218	119.1980	1287.7753
ROW 2	1385.83	1538	119.1980	1287.7753
ROW 4	1385.83	1308	119.1980	1287.7753
ROW 6	1385.83	1450	119.1980	1287.7753
ROW 8	1385.83	1468	119.1980	1287.7753
ROW 9	1385.83	1333	119.1980	1287.7753
BAY 3				
ROW 1	1424.83	1467	43.2639	1389.2402
ROW 2	1424.83	1401	43.2639	1389.2402
ROW 4	1424.83	1360	43.2639	1389.2402
ROW 6	1424.83	1476	43.2639	1389.2402
ROW 8	1424.83	1432	43.2639	1389.2402
ROW 9	1424.83	1413	43.2639	1389.2402
BAY 4				
ROW 1	1446.5	1440	82.4470	1378.6775
ROW 2	1446.5	1300	82.4470	1378.6775
ROW 4	1446.5	1427	82.4470	1378.6775
ROW 6	1446.5	1502	82.4470	1378.6775
ROW 8	1446.5	1472	82.4470	1378.6775
ROW 9	1446.5	1538	82.4470	1378.6775

EXTENSION OF ICE CONDENSER WEIGHING PERIOD BASED
ON PREDICTED GROUP-ROW AND BAY SUBLIMATION RATES

Sheet 45 of 116
Prepared By/Date ASB 2/5/88
Reviewed By/Date LF 5/5/88
Sequoyah -- Unit 2

TABLE 6.1 (CONT)

STANDARD DEVIATION AND 95th PERCENTILE FOR 9-21-83

	AVERAGE WEIGHT (FOR BAY/BASKET)	BASKET WEIGHT (in lbs.)	STANDARD DEVIATION S	95th %
BAY 5				
ROW 1	1450	1346	78.8188	1385.1621
ROW 2	1450	1389	78.8188	1385.1621
ROW 4	1450	1469	78.8188	1385.1621
ROW 6	1450	1506	78.8188	1385.1621
ROW 8	1450	1562	78.8188	1385.1621
ROW 9	1450	1428	78.8188	1385.1621
BAY 6				
ROW 1	1442.17	1369	72.5628	1382.4783
ROW 2	1442.17	1388	72.5628	1382.4783
ROW 4	1442.17	1501	72.5628	1382.4783
ROW 6	1442.17	1507	72.5628	1382.4783
ROW 8	1442.17	1516	72.5628	1382.4783
ROW 9	1442.17	1372	72.5628	1382.4783
BAY 7				
ROW 1	1447.17	1410	64.5644	1394.0580
ROW 2	1447.17	1364	64.5644	1394.0580
ROW 4	1447.17	1489	64.5644	1394.0580
ROW 6	1447.17	1511	64.5644	1394.0580
ROW 8	1447.17	1512	64.5644	1394.0580
ROW 9	1447.17	1397	64.5644	1394.0580
BAY 8				
ROW 1	1381.67	1223	61.7727	1330.8545
ROW 2	1381.67	1322	61.7727	1330.8545
ROW 4	1381.67	1464	61.7727	1330.8545
ROW 6	1381.67	1417	61.7727	1330.8545
ROW 8	1381.67	1427	61.7727	1330.8545
ROW 9	1381.67	1337	61.7727	1330.8545

EXTENSION OF ICE CONDENSER WEIGHING PERIOD BASED
ON PREDICTED GROUP-ROW AND BAY SUBLIMATION RATES

TABLE 6.1 (CONT)

STANDARD DEVIATION AND 95th PERCENTILE FOR 9-21-83

	AVERAGE WEIGHT (FOR BAY/BASKET)	BASKET WEIGHT (in lbs.)	STANDARD DEVIATION S	95th %
BAY 9				
ROW 1	1419.83	1362	54.3302	1375.1369
ROW 2	1419.83	1361	54.3302	1375.1369
ROW 4	1419.83	1442	54.3302	1375.1369
ROW 6	1419.83	1506	54.3302	1375.1369
ROW 8	1419.83	1423	54.3302	1375.1369
ROW 9	1419.83	1425	54.3302	1375.1369
BAY 10				
ROW 1	1423.83	1294	84.0986	1354.6488
ROW 2	1423.83	1396	84.0986	1354.6488
ROW 4	1423.83	1467	84.0986	1354.6488
ROW 6	1423.83	1514	84.0986	1354.6488
ROW 8	1423.83	1497	84.0986	1354.6488
ROW 9	1423.83	1375	84.0986	1354.6488
BAY 11				
ROW 1	1445.33	1376	61.2068	1394.9801
ROW 2	1445.33	1401	61.2068	1394.9801
ROW 4	1445.33	1496	61.2068	1394.9801
ROW 6	1445.33	1504	61.2068	1394.9801
ROW 8	1445.33	1502	61.2068	1394.9801
ROW 9	1445.33	1397	61.2068	1394.9801
BAY 12				
ROW 1	1430.5	1314	80.5550	1364.2339
ROW 2	1430.5	1358	80.5550	1364.2339
ROW 4	1430.5	1456	80.5550	1364.2339
ROW 6	1430.5	1529	80.5550	1364.2339
ROW 8	1430.5	1487	80.5550	1364.2339
ROW 9	1430.5	1439	80.5550	1364.2339

EXTENSION OF ICE CONDENSER WEIGHING PERIOD BASED
ON PREDICTED GROUP-ROW AND BAY SUBLIMATION RATES

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Prepared By/Date ASB 8/5/88
Reviewed By/Date LT 8/5/88
Sequoyah -- Unit 2

TABLE 6-1 (CONT)

STANDARD DEVIATION AND 95th PERCENTILE FOR 9-21-83

	AVERAGE WEIGHT (FOR BAY/BASKET)	BASKET WEIGHT (in lbs.)	STANDARD DEVIATION -S	95th %
BAY 13				
ROW 1	1395.5	1388	21.6402	1377.6983
ROW 2	1395.5	1386	21.6402	1377.6983
ROW 4	1395.5	1364	21.6402	1377.6983
ROW 6	1395.5	1419	21.6402	1377.6983
ROW 8	1395.5	1421	21.6402	1377.6983
ROW 9	1395.5	1395	21.6402	1377.6983
BAY 14				
ROW 1	1347.17	1304	60.9177	1297.0579
ROW 2	1347.17	1256	60.9177	1297.0579
ROW 4	1347.17	1405	60.9177	1297.0579
ROW 6	1347.17	1378	60.9177	1297.0579
ROW 8	1347.17	1409	60.9177	1297.0579
ROW 9	1347.17	1331	60.9177	1297.0579
BAY 15				
ROW 1	1408.67	1255	85.7733	1338.1111
ROW 2	1408.67	1360	85.7733	1338.1111
ROW 4	1408.67	1449	85.7733	1338.1111
ROW 6	1408.67	1476	85.7733	1338.1111
ROW 8	1408.67	1465	85.7733	1338.1111
ROW 9	1408.67	1447	85.7733	1338.1111
BAY 16				
ROW 1	1419.83	1344	87.6982	1347.6877
ROW 2	1419.83	1313	87.6982	1347.6877
ROW 4	1419.83	1447	87.6982	1347.6877
ROW 6	1419.83	1508	87.6982	1347.6877
ROW 8	1419.83	1526	87.6982	1347.6877
ROW 9	1419.83	1381	87.6982	1347.6877

EXTENSION OF ICE CONDENSER WEIGHING PERIOD BASED
ON PREDICTED GROUP-ROW AND BAY SUBLIMATION RATES

TABLE 6.1 (CONT)

STANDARD DEVIATION AND 95th PERCENTILE FOR 9-21-83

	AVERAGE WEIGHT (FOR BAY/BASKET)	BASKET WEIGHT (in lbs.)	STANDARD DEVIATION s	95th %
BAY 17				
ROW 1	1375.33	1286	85.9434	1304.6312
ROW 2	1375.33	1276	85.9434	1304.6312
ROW 4	1375.33	1364	85.9434	1304.6312
ROW 6	1375.33	1477	85.9434	1304.6312
ROW 8	1375.33	1468	85.9434	1304.6312
ROW 9	1375.33	1381	85.9434	1304.6312
BAY 18				
ROW 1	1432.83	1320	77.4117	1369.1496
ROW 2	1432.83	1354	77.4117	1369.1496
ROW 4	1432.83	1485	77.4117	1369.1496
ROW 6	1432.83	1501	77.4117	1369.1496
ROW 8	1432.83	1445	77.4117	1369.1496
ROW 9	1432.83	1492	77.4117	1369.1496
BAY 19				
ROW 1	1429.5	1285	128.5749	1323.7317
ROW 2	1429.5	1260	128.5749	1323.7317
ROW 4	1429.5	1456	128.5749	1323.7317
ROW 6	1429.5	1533	128.5749	1323.7317
ROW 8	1429.5	1570	128.5749	1323.7317
ROW 9	1429.5	1473	128.5749	1323.7317
BAY 20				
ROW 1	1447.33	1311	92.6081	1371.1487
ROW 2	1447.33	1362	92.6081	1371.1487
ROW 4	1447.33	1453	92.6081	1371.1487
ROW 6	1447.33	1501	92.6081	1371.1487
ROW 8	1447.33	1550	92.6081	1371.1487
ROW 9	1447.33	1507	92.6081	1371.1487

EXTENSION OF ICE CONDENSER WEIGHING PERIOD BASED
ON PREDICTED GROUP-ROW AND BAY SUBLIMATION RATES

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Prepared By/Date 2/5/88
Reviewed By/Date 17 3/5/88
Sequoyah -- Unit 2

TABLE 6.1 (CONT)

STANDARD DEVIATION AND 95th PERCENTILE FOR 9-21-83

	AVERAGE WEIGHT (FOR BAY/BASKET)	BASKET WEIGHT (in lbs.)	STANDARD DEVIATION S	95th %
BAY 21				
ROW 1	1451.5	1433	66.7435	1396.5954
ROW 2	1451.5	1346	66.7435	1396.5954
ROW 4	1451.5	1427	66.7435	1396.5954
ROW 6	1451.5	1496	66.7435	1396.5954
ROW 8	1451.5	1466	66.7435	1396.5954
ROW 9	1451.5	1541	66.7435	1396.5954
BAY 22				
ROW 1	1412.67	1337	86.7010	1341.3480
ROW 2	1412.67	1292	86.7010	1341.3480
ROW 4	1412.67	1423	86.7010	1341.3480
ROW 6	1412.67	1480	86.7010	1341.3480
ROW 8	1412.67	1419	86.7010	1341.3480
ROW 9	1412.67	1525	86.7010	1341.3480
BAY 23				
ROW 1	1444.17	1437	53.8198	1399.8968
ROW 2	1444.17	1342	53.8198	1399.8968
ROW 4	1444.17	1448	53.8198	1399.8968
ROW 6	1444.17	1467	53.8198	1399.8968
ROW 8	1444.17	1481	53.8198	1399.8968
ROW 9	1444.17	1490	53.8198	1399.8968
BAY 24				
ROW 1	1417.42	1182	70.1194	1393.9324
ROW 2	1417.42	1290	70.1194	1393.9324
ROW 2	1417.42	1346	70.1194	1393.9324
ROW 3	1417.42	1360	70.1194	1393.9324
ROW 3	1417.42	1377	70.1194	1393.9324

EXTENSION OF ICE CONDENSER WEIGHING PERIOD BASED
ON PREDICTED GROUP-ROW AND BAY SUBLIMATION RATES

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Prepared By/Date 8/5/88
Reviewed By/Date 8/5/88
Sequoyah -- Unit 2

TABLE 6.1 (CONT)

STANDARD DEVIATION AND 95th PERCENTILE FOR 9-21-83

	AVERAGE WEIGHT (FOR BAY/BASKET)	BASKET WEIGHT (in lbs.)	STANDARD DEVIATION s	95th %
ROW 3	1417.42	1442	70.1194	1393.9324
ROW 3	1417.42	1426	70.1194	1393.9324
ROW 3	1417.42	1448	70.1194	1393.9324
ROW 4	1417.42	1430	70.1194	1393.9324
ROW 4	1417.42	1466	70.1194	1393.9324
ROW 4	1417.42	1448	70.1194	1393.9324
ROW 5	1417.42	1424	70.1194	1393.9324
ROW 5	1417.42	1434	70.1194	1393.9324
ROW 5	1417.42	1416	70.1194	1393.9324
ROW 5	1417.42	1432	70.1194	1393.9324
ROW 6	1417.42	1407	70.1194	1393.9324
ROW 6	1417.42	1414	70.1194	1393.9324
ROW 6	1417.42	1427	70.1194	1393.9324
ROW 6	1417.42	1460	70.1194	1393.9324
ROW 7	1417.42	1413	70.1194	1393.9324
ROW 7	1417.42	1426	70.1194	1393.9324
ROW 7	1417.42	1443	70.1194	1393.9324
ROW 7	1417.42	1488	70.1194	1393.9324
ROW 7	1417.42	1533	70.1194	1393.9324
ROW 8	1417.42	1387	70.1194	1393.9324
ROW 9	1417.42	1534	70.1194	1393.9324

EXTENSION OF ICE CONDENSER WEIGHING PERIOD BASED
ON PREDICTED GROUP-ROW AND BAY SUBLIMATION RATES

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Prepared By/Date 2/28/88
Reviewed By/Date 17 8/8/88
Sequoyah -- Unit 2

TABLE 6-1 (CONT)

STANDARD DEVIATION AND 95th PERCENTILE FOR 10-11-84

	AVERAGE WEIGHT (FOR BAY/BASKET)	BASKET WEIGHT (in lbs.)	STANDARD DEVIATION S	95th %
BAY 1				
ROW 1	1296.00	1347	40.1298	1264.9884
ROW 1	1298.00	1317	40.1298	1264.9884
ROW 2	1298.00	1278	40.1298	1264.9884
ROW 2	1298.00	1318	40.1298	1264.9884
ROW 3	1298.00	1297	40.1298	1264.9884
ROW 3	1298.00	1231	40.1298	1264.9884
BAY 2				
ROW 1	1343.54	1213	126.2794	1301.2406
ROW 1	1343.54	977	126.2794	1301.2406
ROW 1	1343.54	1219	126.2794	1301.2406
ROW 1	1343.54	1042	126.2794	1301.2406
ROW 2	1343.54	1267	126.2794	1301.2406
ROW 2	1343.54	1337	126.2794	1301.2406
ROW 2	1343.54	1352	126.2794	1301.2406
ROW 2	1343.54	1361	126.2794	1301.2406
ROW 4	1343.54	1227	126.2794	1301.2406
ROW 6	1343.54	1125	126.2794	1301.2406
ROW 6	1343.54	1321	126.2794	1301.2406
ROW 6	1343.54	1335	126.2794	1301.2406
ROW 6	1343.54	1434	126.2794	1301.2406
ROW 6	1343.54	1362	126.2794	1301.2406
ROW 7	1343.54	1441	126.2794	1301.2406
ROW 7	1343.54	1419	126.2794	1301.2406
ROW 7	1343.54	1389	126.2794	1301.2406
ROW 7	1343.54	1395	126.2794	1301.2406
ROW 7	1343.54	1399	126.2794	1301.2406
ROW 7	1343.54	1409	126.2794	1301.2406
ROW 8	1343.54	1511	126.2794	1301.2406
ROW 8	1343.54	1436	126.2794	1301.2406
ROW 8	1343.54	1474	126.2794	1301.2406
ROW 8	1343.54	1353	126.2794	1301.2406
ROW 8	1343.54	1461	126.2794	1301.2406
ROW 9	1343.54	1473	126.2794	1301.2406

EXTENSION OF ICE CONDENSER WEIGHING PERIOD BASED
ON PREDICTED GROUP-ROW AND BAY SUBLIMATION RATES

Sheet 52 of 116
Prepared By/Date ASB 8/5/88
Reviewed By/Date HT 8/5/88
Sequoyah -- Unit 2

TABLE 6.1 (CONT)

STANDARD DEVIATION AND 95th PERCENTILE FOR 10-11-84

	AVERAGE WEIGHT (FOR BAY/BASKET)	BASKET WEIGHT (in lbs.)	STANDARD DEVIATION S	95th %
BAY 3				
ROW 1	1375.83	1266	76.6040	1312.8140
ROW 2	1375.83	1392	76.6040	1312.8140
ROW 4	1375.83	1297	76.6040	1312.8140
ROW 6	1375.83	454	76.6040	1312.8140
ROW 8	1375.83	1434	76.6040	1312.8140
ROW 9	1375.83	1412	76.6040	1312.8140
BAY 4				
ROW 1	1411.92	1361	106.0271	1376.4045
ROW 1	1411.92	1374	106.0271	1376.4045
ROW 1	1411.92	1286	106.0271	1376.4045
ROW 1	1411.92	1249	106.0271	1376.4045
ROW 2	1411.92	1304	106.0271	1376.4045
ROW 2	1411.92	1295	106.0271	1376.4045
ROW 2	1411.92	1193	106.0271	1376.4045
ROW 2	1411.92	1205	106.0271	1376.4045
ROW 4	1411.92	1378	106.0271	1376.4045
ROW 4	1411.92	1397	106.0271	1376.4045
ROW 4	1411.92	1348	106.0271	1376.4045
ROW 6	1411.92	1493	106.0271	1376.4045
ROW 6	1411.92	1464	106.0271	1376.4045
ROW 6	1411.92	1469	106.0271	1376.4045
ROW 6	1411.92	1437	106.0271	1376.4045
ROW 6	1411.92	1443	106.0271	1376.4045
ROW 6	1411.92	1482	106.0271	1376.4045
ROW 7	1411.92	1539	106.0271	1376.4045
ROW 7	1411.92	1474	106.0271	1376.4045
ROW 7	1411.92	1517	106.0271	1376.4045
ROW 7	1411.92	1529	106.0271	1376.4045
ROW 7	1411.92	1526	106.0271	1376.4045
ROW 7	1411.92	1503	106.0271	1376.4045
ROW 8	1411.92	1474	106.0271	1376.4045
ROW 8	1411.92	1567	106.0271	1376.4045

EXTENSION OF ICE CONDENSER WEIGHING PERIOD BASED
ON PREDICTED GROUP-ROW AND BAY SUBLIMATION RATES

Sheet 52 of 116
Prepared By/Date BT 8/5/88
Reviewed By/Date BT 8/8/88
Sequoyah -- Unit 2

TABLE 6.1 (CONT)

STANDARD DEVIATION AND 95th PERCENTILE FOR 10-11-84

	AVERAGE WEIGHT (FOR BAY/BASKET)	BASKET WEIGHT (in lbs.)	STANDARD DEVIATION S	95th %
ROW 9	1411.92	1403	106.0271	1376.4045
BAY 5				
ROW 1	1367.74	1254	119.7686	1328.4176
ROW 1	1367.74	1215	119.7686	1328.4176
ROW 1	1367.74	1129	119.7686	1328.4176
ROW 1	1367.74	1137	119.7686	1328.4176
ROW 2	1367.74	1187	119.7686	1328.4176
ROW 2	1367.74	1205	119.7686	1328.4176
ROW 2	1367.74	1265	119.7686	1328.4176
ROW 2	1367.74	1261	119.7686	1328.4176
ROW 3	1367.74	1308	119.7686	1328.4176
ROW 3	1367.74	1314	119.7686	1328.4176
ROW 4	1367.74	1398	119.7686	1328.4176
ROW 5	1367.74	1460	119.7686	1328.4176
ROW 5	1367.74	1416	119.7686	1328.4176
ROW 5	1367.74	1460	119.7686	1328.4176
ROW 5	1367.74	1442	119.7686	1328.4176
ROW 6	1367.74	1474	119.7686	1328.4176
ROW 6	1367.74	1464	119.7686	1328.4176
ROW 6	1367.74	1436	119.7686	1328.4176
ROW 6	1367.74	1488	119.7686	1328.4176
ROW 6	1367.74	1471	119.7686	1328.4176
ROW 7	1367.74	1450	119.7686	1328.4176
ROW 7	1367.74	1489	119.7686	1328.4176
ROW 7	1367.74	1488	119.7686	1328.4176
ROW 7	1367.74	1472	119.7686	1328.4176
ROW 7	1367.74	1486	119.7686	1328.4176
ROW 8	1367.74	1409	119.7686	1328.4176
ROW 9	1367.74	1351	119.7686	1328.4176

BAY 6

ROW 1	1368.33	1220	104.8326	1282.0926
ROW 2	1368.33	1292	104.8326	1282.0926

EXTENSION OF ICE CONDENSER WEIGHING PERIOD BASED
ON PREDICTED GROUP-ROW AND BAY SUBLIMATION RATES

Sheet 53 of 116
Prepared By/Date 6/8/88
Reviewed By/Date 7/5/88
Sequoyah -- Unit 2

TABLE 6.1 (CONT)

STANDARD DEVIATION AND 95th PERCENTILE FOR 10-11-84

	AVERAGE WEIGHT (FOR BAY/BASKET)	BASKET WEIGHT (in lbs.)	STANDARD DEVIATION S	95th %
ROW 4	1368.33	1359	104.8326	1282.0926
ROW 6	1368.33	1489	104.8326	1282.0926
ROW 8	1368.33	1480	104.8326	1282.0926
ROW 9	1368.33	1370	104.8326	1282.0926
BAY 7				
ROW 1	1408.33	1329	54.7053	1363.3283
ROW 2	1408.33	1359	54.7053	1363.3283
ROW 4	1408.33	1418	54.7053	1363.3283
ROW 6	1408.33	1478	54.7053	1363.3283
ROW 8	1408.33	1439	54.7053	1363.3283
ROW 9	1408.33	1427	54.7053	1363.3283
BAY 8				
ROW 1	1328.83	1358	70.2636	1271.0298
ROW 2	1328.83	1218	70.2636	1271.0298
ROW 4	1328.83	1370	70.2636	1271.0298
ROW 6	1328.83	1394	70.2636	1271.0298
ROW 8	1328.83	1368	70.2636	1271.0298
ROW 9	1328.83	1265	70.2636	1271.0298
BAY 9				
ROW 1	1406.57	1394	123.7532	1366.7417
ROW 1	1406.57	1343	123.7532	1366.7417
ROW 1	1406.57	1086	123.7532	1366.7417
ROW 1	1406.57	1052	123.7532	1366.7417
ROW 2	1406.57	1392	123.7532	1366.7417
ROW 2	1406.57	1352	123.7532	1366.7417
ROW 2	1406.57	1250	123.7532	1366.7417
ROW 2	1406.57	1194	123.7532	1366.7417
ROW 3	1406.57	1389	123.7532	1366.7417
ROW 3	1406.57	1419	123.7532	1366.7417
ROW 3	1406.57	1371	123.7532	1366.7417
ROW 4	1406.57	1455	123.7532	1366.7417

EXTENSION OF ICE CONDENSER WEIGHING PERIOD BASED
ON PREDICTED GROUP-ROW AND BAY SUBLIMATION RATES

Sheet 54 of 116
Prepared By/Date RS 8/5/88
Reviewed By/Date LT 8/4/88
Sequoyah -- Unit 2

TABLE 6.1 (CONT)

STANDARD DEVIATION AND 95th PERCENTILE FOR 10-11-84

	AVERAGE WEIGHT (FOR BAY/BASKET)	BASKET WEIGHT (in lbs.)	STANDARD DEVIATION s	95th %
ROW 5	1406.57	1465	123.7532	1366.7417
ROW 5	1406.57	1432	123.7532	1366.7417
ROW 5	1406.57	1457	123.7532	1366.7417
ROW 6	1406.57	1503	123.7532	1366.7417
ROW 6	1406.57	1519	123.7532	1366.7417
ROW 6	1406.57	1457	123.7532	1366.7417
ROW 6	1406.57	1459	123.7532	1366.7417
ROW 6	1406.57	1448	123.7532	1366.7417
ROW 6	1406.57	1474	123.7532	1366.7417
ROW 7	1406.57	1469	123.7532	1366.7417
ROW 7	1406.57	1531	123.7532	1366.7417
ROW 7	1406.57	1529	123.7532	1366.7417
ROW 7	1406.57	1513	123.7532	1366.7417
ROW 7	1406.57	1453	123.7532	1366.7417
ROW 8	1406.57	1455	123.7532	1366.7417
ROW 9	1406.57	1523	123.7532	1366.7417
BAY 10				
ROW 1	1371.33	1208	106.4381	1283.7719
ROW 2	1371.33	1270	106.4381	1283.7719
ROW 4	1371.33	1400	106.4381	1283.7719
ROW 6	1371.33	1460	106.4381	1283.7719
ROW 8	1371.33	1436	106.4381	1283.7719
ROW 9	1371.33	1454	106.4381	1283.7719
BAY 11				
ROW 1	1418.33	1330	73.1400	1358.1635
ROW 2	1418.33	1388	73.1400	1358.1635
ROW 4	1418.33	1346	73.1400	1358.1635
ROW 6	1418.33	1476	73.1400	1358.1635
ROW 8	1418.33	1468	73.1400	1358.1635
ROW 9	1418.33	1502	73.1400	1358.1635
BAY 12				

EXTENSION OF ICE CONDENSER WEIGHING PERIOD BASED
ON PREDICTED GROUP-ROW AND BAY SUBLIMATION RATES

Sheet 55 of 116
Prepared By/Date 2/25/88
Reviewed By/Date 3/5/88
Sequoyah -- Unit 2

TABLE 6.1 (CONT)

STANDARD DEVIATION AND 95th PERCENTILE FOR 10-11-84

	AVERAGE WEIGHT (FOR BAY/BASKET)	BASKET WEIGHT (in lbs.)	STANDARD DEVIATION s	95th %
ROW 1	1413.17	1416	55.4812	1367.5300
ROW 2	1413.17	1344	55.4812	1367.5300
ROW 4	1413.17	1369	55.4812	1367.5300
ROW 6	1413.17	1503	55.4812	1367.5300
ROW 8	1413.17	1410	55.4812	1367.5300
ROW 9	1413.17	1437	55.4812	1367.5300
BAY 13				
ROW 1	1314.17	1283	50.1016	1272.9554
ROW 2	1314.17	1276	50.1016	1272.9554
ROW 4	1314.17	1318	50.1016	1272.9554
ROW 6	1314.17	1409	50.1016	1272.9554
ROW 8	1314.17	1318	50.1016	1272.9554
ROW 9	1314.17	1281	50.1016	1272.9554
BAY 14				
ROW 1	1312.85	1104	79.4238	1286.2457
ROW 2	1312.85	1229	79.4238	1286.2457
ROW 3	1312.85	1213	79.4238	1286.2457
ROW 3	1312.85	1215	79.4238	1286.2457
ROW 3	1312.85	1284	79.4238	1286.2457
ROW 4	1312.85	1363	79.4238	1286.2457
ROW 4	1312.85	1315	79.4238	1286.2457
ROW 4	1312.85	1322	79.4238	1286.2457
ROW 4	1312.85	1307	79.4238	1286.2457
ROW 5	1312.85	1303	79.4238	1286.2457
ROW 5	1312.85	1377	79.4238	1286.2457
ROW 5	1312.85	1401	79.4238	1286.2457
ROW 5	1312.85	1329	79.4238	1286.2457
ROW 5	1312.85	1313	79.4238	1286.2457
ROW 6	1312.85	1425	79.4238	1286.2457
ROW 6	1312.85	1395	79.4238	1286.2457
ROW 6	1312.85	1404	79.4238	1286.2457
ROW 6	1312.85	1233	79.4238	1286.2457
ROW 6	1312.85	1277	79.4238	1286.2457

EXTENSION OF ICE CONDENSER WEIGHING PERIOD BASED
ON PREDICTED GROUP-ROW AND BAY SUBLIMATION RATES

Prepared By/Date W. S. 4/5/68
Reviewed By/Date 47 5/5/88
Sequoyah -- Unit 2

TABLE 6.1 (CONT)

STANDARD DEVIATION AND 95th PERCENTILE FOR 10-11-84

	AVERAGE WEIGHT (FOR BAY/BASKET)	BASKET WEIGHT (in lbs.)	STANDARD DEVIATION S	95th %
ROW 7	1312.85	1445	79.4238	1286.2457
ROW 7	1312.85	1389	79.4238	1286.2457
ROW 7	1312.85	1343	79.4238	1286.2457
ROW 7	1312.85	1317	79.4238	1286.2457
ROW 7	1312.85	1279	79.4238	1286.2457
ROW 8	1312.85	1341	79.4238	1286.2457
ROW 9	1312.85	1211	79.4238	1286.2457
BAY 15				
ROW 1	1388.57	1158	86.7230	1361.6691
ROW 1	1388.57	1144	86.7230	1361.6691
ROW 2	1388.57	1348	86.7230	1361.6691
ROW 2	1388.57	1362	86.7230	1361.6691
ROW 2	1388.57	1266	86.7230	1361.6691
ROW 2	1388.57	1184	86.7230	1361.6691
ROW 3	1388.57	1398	86.7230	1361.6691
ROW 3	1388.57	1410	86.7230	1361.6691
ROW 3	1388.57	1377	86.7230	1361.6691
ROW 4	1388.57	1422	86.7230	1361.6691
ROW 4	1388.57	1424	86.7230	1361.6691
ROW 4	1388.57	1418	86.7230	1361.6691
ROW 4	1388.57	1394	86.7230	1361.6691
ROW 5	1388.57	1426	86.7230	1361.6691
ROW 5	1388.57	1402	86.7230	1361.6691
ROW 5	1388.57	1410	86.7230	1361.6691
ROW 5	1388.57	1395	86.7230	1361.6691
ROW 5	1388.57	1446	86.7230	1361.6691
ROW 6	1388.57	1434	86.7230	1361.6691
ROW 6	1388.57	1452	86.7230	1361.6691
ROW 6	1388.57	1446	86.7230	1361.6691
ROW 6	1389.57	1426	86.7230	1361.6691
ROW 6	1388.57	1470	86.7230	1361.6691
ROW 7	1388.57	1454	86.7230	1361.6691
ROW 7	1388.57	1458	86.7230	1361.6691
ROW 7	1388.57	1422	86.7230	1361.6691

EXTENSION OF ICE CONDENSER WEIGHING PERIOD BASED
ON PREDICTED GROUP-ROW AND BAY SUBLIMATION RATES

TABLE 6.1 (CONT)

STANDARD DEVIATION AND 95th PERCENTILE FOR 10-11-84

	AVERAGE WEIGHT (FOR BAY/BASKET)	BASKET WEIGHT (in lbs.)	STANDARD DEVIATION -S	95th %
ROW 7	1388.57	1449	86.7230	1361.6691
ROW 7	1388.57	1452	86.7230	1361.6691
ROW 8	1388.57	1424	86.7230	1361.6691
ROW 9	1388.57	1386	86.7230	1361.6691

BAY 16

ROW 1	1363.46	989	143.7496	1315.3087
ROW 1	1363.46	1061	143.7496	1315.3087
ROW 1	1363.46	1359	143.7496	1315.3087
ROW 1	1363.46	1379	143.7496	1315.3087
ROW 2	1363.46	1092	143.7496	1315.3087
ROW 2	1363.46	1131	143.7496	1315.3087
ROW 2	1363.46	1264	143.7496	1315.3087
ROW 2	1363.46	1281	143.7496	1315.3087
ROW 4	1363.46	1366	143.7496	1315.3087
ROW 6	1363.46	1436	143.7496	1315.3087
ROW 6	1363.46	1435	143.7496	1315.3087
ROW 6	1363.46	1359	143.7496	1315.3087
ROW 6	1363.46	1371	143.7496	1315.3087
ROW 6	1363.46	1435	143.7496	1315.3087
ROW 6	1363.46	1395	143.7496	1315.3087
ROW 7	1363.46	1409	143.7496	1315.3087
ROW 7	1363.46	1436	143.7496	1315.3087
ROW 7	1363.46	1461	143.7496	1315.3087
ROW 7	1363.46	1407	143.7496	1315.3087
ROW 7	1363.46	1454	143.7496	1315.3087
ROW 7	1363.46	1484	143.7496	1315.3087
ROW 8	1363.46	1453	143.7496	1315.3087
ROW 8	1363.46	1519	143.7496	1315.3087
ROW 8	1363.46	1501	143.7496	1315.3087
ROW 8	1363.46	1467	143.7496	1315.3087
ROW 9	1363.46	1506	143.7496	1315.3087

EXTENSION OF ICE CONDENSER WEIGHING PERIOD BASED
ON PREDICTED GROUP-ROW AND BAY SUBLIMATION RATES

TABLE 6.1 (Cont)

STANDARD DEVIATION AND 95th PERCENTILE FOR 10-11-84

	AVERAGE WEIGHT (FOR BAY/BASKET)	BASKET WEIGHT (in lbs.)	STANDARD DEVIATION S	95th %
BAY 17				
ROW 1	1328.96	1305	110.5562	1291.9274
ROW 1	1328.96	1182	110.5562	1291.9274
ROW 1	1328.96	1127	110.5562	1291.9274
ROW 1	1328.96	1172	110.5562	1291.9274
ROW 2	1328.96	1193	110.5562	1291.9274
ROW 2	1328.96	1178	110.5562	1291.9274
ROW 2	1328.96	1260	110.5562	1291.9274
ROW 2	1328.96	1190	110.5562	1291.9274
ROW 4	1328.96	1340	110.5562	1291.9274
ROW 4	1328.96	1271	110.5562	1291.9274
ROW 5	1328.96	1379	110.5562	1291.9274
ROW 5	1328.96	1429	110.5562	1291.9274
ROW 5	1328.96	1441	110.5562	1291.9274
ROW 6	1328.96	1397	110.5562	1291.9274
ROW 6	1328.96	1398	110.5562	1291.9274
ROW 6	1328.96	1417	110.5562	1291.9274
ROW 6	1328.96	1416	110.5562	1291.9274
ROW 6	1328.96	1446	110.5562	1291.9274
ROW 7	1328.96	1386	110.5562	1291.9274
ROW 7	1328.96	1392	110.5562	1291.9274
ROW 7	1328.96	1457	110.5562	1291.9274
ROW 7	1328.96	1451	110.5562	1291.9274
ROW 8	1328.96	1252	110.5562	1291.9274
ROW 8	1328.96	1462	110.5562	1291.9274
ROW 8	1328.96	1412	110.5562	1291.9274
ROW 9	1328.96	1200	110.5562	1291.9274
BAY 18				
ROW 1	1408.00	1347	63.9562	1355.3883
ROW 2	1408.00	1337	63.9562	1355.3883
ROW 4	1408.00	1368	63.9562	1355.3883
ROW 6	1408.00	1453	63.9562	1355.3883
ROW 8	1408.00	1471	63.9562	1355.3883
ROW 9	1408.00	1472	63.9562	1355.3883

EXTENSION OF ICE CONDENSER WEIGHING PERIOD BASED
ON PREDICTED GROUP-ROW AND BAY SUBLIMATION RATES

Sheet 59 of 116
Prepared By/Date 6/5/88
Reviewed By/Date 6/7/88
Sequoyah -- Unit 2

TABLE 6.1 (CONT)

STANDARD DEVIATION AND 95th PERCENTILE FOR 10-11-84

AVERAGE WEIGHT (FOR BAY/BASKET)	BASKET WEIGHT (in lbs.)	STANDARD DEVIATION S	95th %
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BAY 19

ROW 1	1414.81	1028	108.3823	1379.5056
ROW 2	1414.81	1203	108.3823	1378.5056
ROW 3	1414.81	1347	108.3823	1378.5056
ROW 3	1414.81	1350	108.3823	1378.5056
ROW 3	141 .81	1382	108.3823	1378.5056
ROW 3	1414.81	1362	108.3823	1378.5056
ROW 4	1414.81	1396	108.3823	1378.5056
ROW 4	1414.81	1400	108.3823	1378.5056
ROW 4	1414.81	1413	108.3823	1378.5056
ROW 4	1414.81	1374	108.3823	1378.5056
ROW 4	1414.81	1478	108.3823	1378.5056
ROW 5	1414.81	1450	108.3823	1378.5056
ROW 5	1414.81	1418	108.3823	1378.5056
ROW 5	1414.81	1453	108.3823	1378.5056
ROW 5	1414.81	1472	108.3823	1378.5056
ROW 6	1414.81	1478	108.3823	1378.5056
ROW 6	1414.81	1488	108.3823	1378.5056
ROW 6	1414.81	1502	108.3823	1378.5056
ROW 6	1414.81	1496	108.3823	1378.5056
ROW 6	1414.81	1343	108.3823	1378.5056
ROW 7	1414.81	1506	108.3823	1378.5056
ROW 7	1414.81	1500	108.3823	1378.5056
ROW 7	1414.81	1480	108.3823	1378.5056
ROW 7	1414.81	1478	108.3823	1378.5056
ROW 8	1414.81	1426	108.3823	1378.5056
ROW 9	1414.81	1462	108.3823	1378.5056

BAY 20

ROW 1	1342.19	1211	145.7378	1299.8098
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EXTENSION OF ICE CONDENSER WEIGHING PERIOD BASED
ON PREDICTED GROUP-ROW AND BAY SUBLIMATION RATES

Sheet 60 of 116
Prepared By/Date W. G. 8/5/68
Reviewed By/Date 1-7 5/8/68
Sequoyah -- Unit 2

TABLE 6-1 (CONT)

STANDARD DEVIATION AND 95th PERCENTILE FOR 10-11-64

	AVERAGE WEIGHT (FOR BAY/BASKET)	BASKET WEIGHT (in lbs.)	STANDARD DEVIATION s	95th %
ROW 1	1342.19	1188	145.7378	1299.8098
ROW 1	1342.19	1212	145.7378	1299.8098
ROW 1	1342.19	1030	145.7378	1299.8098
ROW 1	1342.19	1104	145.7378	1299.8098
ROW 2	1342.19	1251	145.7378	1299.8098
ROW 2	1342.19	1244	145.7378	1299.8098
ROW 2	1342.19	1221	145.7378	1299.8098
ROW 2	1342.19	1178	145.7378	1299.8098
ROW 2	1342.19	1024	145.7378	1299.8098
ROW 3	1342.19	1327	145.7378	1299.8098
ROW 3	1342.19	1301	145.7378	1299.8098
ROW 3	1342.19	1145	145.7378	1299.8098
ROW 4	1342.19	1345	145.7378	1299.8098
ROW 4	1342.19	1394	145.7378	1299.8098
ROW 5	1342.19	1443	145.7378	1299.8098
ROW 5	1342.19	1401	145.7378	1299.8098
ROW 5	1342.19	1423	145.7378	1299.8098
ROW 5	1342.19	1413	145.7378	1299.8098
ROW 5	1342.19	1409	145.7378	1299.8098
ROW 6	1342.19	1488	145.7378	1299.8098
ROW 6	1342.19	1450	145.7378	1299.8098
ROW 6	1342.19	1456	145.7378	1299.8098
ROW 6	1342.19	1460	145.7378	1299.8098
ROW 6	1342.19	1452	145.7378	1299.8098
ROW 7	1342.19	1508	145.7378	1299.8098
ROW 7	1342.19	1487	145.7378	1299.8098
ROW 7	1342.19	1459	145.7378	1299.8098
ROW 7	1342.19	1464	145.7378	1299.8098
ROW 7	1342.19	1474	145.7378	1299.8098
ROW 8	1342.19	1502	145.7378	1299.8098
ROW 9	1342.19	1486	145.7378	1299.8098

BAY 21

ROW 1	1382.50	1368	99.1116	1300.9688
ROW 2	1382.50	1202	99.1116	1300.9688

EXTENSION OF ICE CONDENSER WEIGHING PERIOD BASED
ON PREDICTED GROUP-ROW AND BAY SUBLIMATION RATES

TABLE 6.1 (CONT)

STANDARD DEVIATION AND 95th PERCENTILE FOR 10-11-84

	AVERAGE WEIGHT (FOR BAY/BASKET)	BASKET WEIGHT (in lbs.)	STANDARD DEVIATION S	95th %
ROW 4	1382.50	1360	99.1116	1300.9688
ROW 6	1382.50	1460	99.1116	1300.9688
ROW 8	1382.50	1450	99.1116	1300.9688
ROW 9	1382.50	1455	99.1116	1300.9688
BAY 22				
ROW 1	1373.17	1366	77.2824	1309.5959
ROW 2	1373.17	1227	77.2824	1309.5959
ROW 4	1373.17	1370	77.2824	1309.5959
ROW 6	1373.17	1415	77.2824	1309.5959
ROW 8	1373.17	1423	77.2824	1309.5959
ROW 9	1373.17	1438	77.2824	1309.5959
BAY 23				
ROW 1	1388.19	1234	130.5709	1345.3210
ROW 1	1388.19	1199	130.5709	1345.3210
ROW 1	1388.19	1216	130.5709	1345.3210
ROW 1	1388.19	1366	130.5709	1345.3210
ROW 2	1388.19	1197	130.5709	1345.3210
ROW 2	1388.19	1145	130.5709	1345.3210
ROW 2	1388.19	1153	130.5709	1345.3210
ROW 2	1388.19	1189	130.5709	1345.3210
ROW 4	1388.19	1354	130.5709	1345.3210
ROW 4	1388.19	1363	130.5709	1345.3210
ROW 5	1388.19	1424	130.5709	1345.3210
ROW 5	1388.19	1435	130.5709	1345.3210
ROW 5	1388.19	1392	130.5709	1345.3210
ROW 6	1388.19	1452	130.5709	1345.3210
ROW 6	1388.19	1450	130.5709	1345.3210
ROW 6	1388.19	1401	130.5709	1345.3210
ROW 6	1388.19	1455	130.5709	1345.3210
ROW 6	1388.19	1465	130.5709	1345.3210
ROW 7	1388.19	1497	130.5709	1345.3210
ROW 7	1388.19	1495	130.5709	1345.3210
ROW 7	1388.19	1499	130.5709	1345.3210

EXTENSION OF ICE CONDENSER WEIGHING PERIOD BASED
ON PREDICTED GROUP-ROW AND BAY SUBLIMATION RATES

Sheet 62 of 116
Prepared By/Date W. S. 2/5/08
Reviewed By/Date W. S. 2/5/08
Sequoyah -- Unit 2

TABLE 6.1 (CONT)

STANDARD DEVIATION AND 95th PERCENTILE FOR 10-11-84

	AVERAGE WEIGHT (FOR BAY/BASKET)	BASKET WEIGHT (in lbs.)	STANDARD DEVIATION s	95th %
ROW 7	1388.19	1512	130.5709	1345.3210
ROW 7	1388.19	1495	130.5709	1345.3210
ROW 8	1388.19	1534	130.5709	1345.3210
ROW 8	1388.19	1565	130.5709	1345.3210
ROW 8	1388.19	1519	130.5709	1345.3210
ROW 9	1388.19	1467	130.5709	1345.3210

BAY 24

ROW 1	1361.00	1348	57.6299	1313.5925
ROW 2	1361.00	1268	57.6299	1313.5925
ROW 4	1361.00	1415	57.6299	1313.5925
ROW 6	1361.00	1327	57.6299	1313.5925
ROW 8	1361.00	1401	57.6299	1313.5925
ROW 9	1361.00	1407	57.6299	1313.5925

EXTENSION OF ICE CONDENSER WEIGHING PERIOD BASED
ON PREDICTED GROUP-ROW AND BAY SUBLIMATION RATES

Sheet 63 of 116
Prepared By/Date W. B. B. 8/5/88
Reviewed By/Date 17 8/8/88
Sequoyah -- Unit 2

TABLE 6.1 (CONT)

STANDARD DEVIATION AND 95th PERCENTILE FOR 11-25-84

	AVERAGE WEIGHT (FOR BAY/BASKET)	BASKET WEIGHT (in lbs.)	STANDARD DEVIATION s	95th %
BAY 1				
ROW 1	1301.67	1428	84.8379	1231.8806
ROW 2	1301.67	1224	84.8379	1231.8806
ROW 4	1301.67	1240	84.8379	1231.8806
ROW 6	1301.67	1232	84.8379	1231.8806
ROW 8	1301.67	1374	84.8379	1231.8806
ROW 9	1301.67	1312	84.8379	1231.8806
BAY 2				
ROW 1	1372.33	1222	99.3210	1290.6265
ROW 2	1372.33	1344	99.3210	1290.6265
ROW 4	1372.33	1314	99.3210	1290.6265
ROW 6	1372.33	1500	99.3210	1290.6265
ROW 8	1372.33	1438	99.3210	1290.6265
ROW 9	1372.33	1416	99.3210	1290.6265
BAY 3				
ROW 1	1412.83	1280	122.8974	1311.7321
ROW 2	1412.83	1397	122.8974	1311.7321
ROW 4	1412.83	1272	122.8974	1311.7321
ROW 6	1412.83	1432	122.8974	1311.7321
ROW 8	1412.83	1569	122.8974	1311.7321
ROW 9	1412.83	1527	122.8974	1311.7321
BAY 4				
ROW 1	1396.33	1326	71.9518	1337.1410
ROW 2	1396.33	1338	71.9518	1337.1410
ROW 4	1396.33	1364	71.9518	1337.1410
ROW 6	1396.33	1455	71.9518	1337.1410
ROW 8	1396.33	1510	71.9518	1337.1410
ROW 9	1396.33	1385	71.9518	1337.1410

EXTENSION OF ICE CONDENSER WEIGHING PERIOD BASED
ON PREDICTED GROUP-ROW AND BAY SUBLIMATION RATES

Sheet 64 of 114
Prepared By/Date 688 8/5/88
Reviewed By/Date LT 8/10/88
Sequoyah -- Unit 2

TABLE 6.1 (CONT)

STANDARD DEVIATION AND 95th PERCENTILE FOR 11-26-84

	AVERAGE WEIGHT (FOR BAY/BASKET)	BASKET WEIGHT (in lbs.)	STANDARD DEVIATION s	95th %
BAY 5				
ROW 1	1446.00	1460	61.9419	1395.0453
ROW 2	1446.00	1509	61.9419	1395.0453
ROW 4	1446.00	1371	61.9419	1395.0453
ROW 6	1446.00	1443	61.9419	1395.0453
ROW 8	1446.00	1515	61.9419	1395.0453
ROW 9	1446.00	1378	61.9419	1395.0453
BAY 6				
ROW 1	1433.50	1526	115.9634	1338.1062
ROW 2	1433.50	1217	115.9634	1338.1062
ROW 4	1433.50	1411	115.9634	1338.1062
ROW 6	1433.50	1504	115.9634	1338.1062
ROW 8	1433.50	1513	115.9634	1338.1062
ROW 9	1433.50	1430	115.9634	1338.1062
BAY 7				
ROW 1	1396.67	1356	58.1401	1348.8428
ROW 2	1396.67	1302	58.1401	1348.8428
ROW 4	1396.67	1406	58.1401	1348.8428
ROW 6	1396.67	1428	58.1401	1348.8428
ROW 8	1396.67	1462	58.1401	1348.8428
ROW 9	1396.67	1428	58.1401	1348.8428
BAY 8				
ROW 1	1326.83	1204	102.1262	1242.8189
ROW 2	1326.83	1494	102.1262	1242.8189
ROW 4	1326.83	1276	102.1262	1242.8189
ROW 6	1326.83	1394	102.1262	1242.8189
ROW 8	1326.83	1287	102.1262	1242.8189
ROW 9	1326.83	1306	102.1262	1242.8189

EXTENSION OF ICE CONDENSER WEIGHING PERIOD BASED
ON PREDICTED GROUP-ROW AND BAY SUBLIMATION RATES

Sheet 65 of 116
Prepared By/Date CD 12/5/88
Reviewed By/Date BT 8/8/89
Sequoyah -- Unit 2

TABLE 6.1 (CONT)

STANDARD DEVIATION AND 95th PERCENTILE FOR 11-26-84

	AVERAGE WEIGHT (FOR BAY/BASKET)	BASKET WEIGHT (in lbs.)	STANDARD DEVIATION S	95th %
BAY 9				
ROW 1	1354.83	1252	80.6385	1288.4951
ROW 2	1354.83	1326	80.6385	1288.4951
ROW 4	1354.83	1304	80.6385	1288.4951
ROW 6	1354.83	1380	80.6385	1288.4951
ROW 8	1354.83	1381	80.6385	1288.4951
ROW 9	1354.83	1486	80.6385	1288.4951
BAY 10				
ROW 1	1374.67	1376	48.1608	1335.0519
ROW 2	1374.67	1290	48.1608	1335.0519
ROW 4	1374.67	1370	48.1608	1335.0519
ROW 6	1374.67	1372	48.1608	1335.0519
ROW 8	1374.67	1432	48.1608	1335.0519
ROW 9	1374.67	1408	48.1608	1335.0519
BAY 11				
ROW 1	1395.33	1262	76.2592	1332.5976
ROW 2	1395.33	1370	76.2592	1332.5976
ROW 4	1395.33	1378	76.2592	1332.5976
ROW 6	1395.33	1450	76.2592	1332.5976
ROW 8	1395.33	1458	76.2592	1332.5976
ROW 9	1395.33	1454	76.2592	1332.5976
BAY 12				
ROW 1	1411.33	1464	47.2723	1372.4429
ROW 2	1411.33	1384	47.2723	1372.4429
ROW 4	1411.33	1376	47.2723	1372.4429
ROW 6	1411.33	1350	47.2723	1372.4429
ROW 8	1411.33	1454	47.2723	1372.4429

EXTENSION OF ICE CONDENSER WEIGHING PERIOD BASED
ON PREDICTED GROUP-ROW AND BAY SUBLIMATION RATES

Sheet 66 of 116
Prepared By/Date W. B. 5/68
Reviewed By/Date 27 8/84
Sequoyah -- Unit 2

TABLE 6.1 (CONT)

STANDARD DEVIATION AND 95th PERCENTILE FOR 11-26-84

	AVERAGE WEIGHT (FOR BAY/BASKET)	BASKET WEIGHT (in lbs.)	STANDARD DEVIATION S	95th %
ROW 9	1411.33	1440	47.2723	1372.4439
BAY 13				
ROW 1	1344.67	1308	40.6087	1311.2645
ROW 2	1344.67	1344	40.6087	1311.2645
ROW 4	1344.67	1294	40.6087	1311.2645
ROW 6	1344.67	1340	40.6087	1311.2645
ROW 8	1344.67	1388	40.6087	1311.2645
ROW 9	1344.67	1394	40.6087	1311.2645
BAY 14				
ROW 1	1319.33	1346	50.2739	1277.9737
ROW 2	1319.33	1282	50.2739	1277.9737
ROW 4	1319.33	1324	50.2739	1277.9737
ROW 6	1319.33	1398	50.2739	1277.9737
ROW 8	1319.33	1312	50.2739	1277.9737
ROW 9	1319.33	1254	50.2739	1277.9737
BAY 15				
ROW 1	1403.67	1416	22.5714	1385.1023
ROW 2	1403.67	1364	22.5714	1385.1023
ROW 4	1403.67	1424	22.5714	1385.1023
ROW 6	1403.67	1416	22.5714	1385.1023
ROW 8	1403.67	1412	22.5714	1385.1023
ROW 9	1403.67	1390	22.5714	1385.1023
BAY 16				
ROW 1	1412.50	1245	97.3299	1332.4345
ROW 2	1412.50	1366	97.3299	1332.4345
ROW 4	1412.50	1419	97.3299	1332.4345
ROW 6	1412.50	1449	97.3299	1332.4345

EXTENSION OF ICE CONDENSER WEIGHING PERIOD BASED
ON PREDICTED GROUP-ROW AND BAY SUBLIMATION RATES

Sheet 67 of 116
Prepared By/Date 8/5/88
Reviewed By/Date 8/8/88
Sequoyah -- Unit 2

TABLE 6.1 (CONT)

STANDARD DEVIATION AND 95th PERCENTILE FOR 11-26-84

	AVERAGE WEIGHT (FOR BAY/BASKET)	BASKET WEIGHT (in lbs.)	STANDARD DEVIATION s	95th %
ROW 8	1412.50	1474	97.3299	1332.4345
ROW 9	1412.50	1522	97.3299	1332.4345
BAY 17				
ROW 1	1353.67	1396	63.6008	1301.3507
ROW 2	1353.67	1252	63.6008	1301.3507
ROW 4	1353.67	1346	63.6008	1301.3507
ROW 6	1353.67	1407	63.6008	1301.3507
ROW 8	1353.67	1411	63.6008	1301.3507
ROW 9	1353.67	1310	63.6008	1301.3507
BAY 18				
ROW 1	1429.67	1437	58.4899	1381.5550
ROW 2	1429.67	1328	58.4899	1381.5550
ROW 4	1429.67	1432	58.4899	1381.5550
ROW 6	1429.67	1418	58.4899	1381.5550
ROW 8	1429.67	1506	58.4899	1381.5550
ROW 9	1429.67	1457	58.4899	1381.5550
BAY 19				
ROW 1	1424.00	1334	68.8186	1367.3884
ROW 2	1424.00	1394	68.8186	1367.3884
ROW 4	1424.00	1390	68.8186	1367.3884
ROW 6	1424.00	1476	68.8186	1367.3884
ROW 8	1424.00	1422	68.8186	1367.3884
ROW 9	1424.00	1528	68.8186	1367.3884
BAY 20				
ROW 1	1388.00	1272	69.8274	1330.5586
ROW 2	1388.00	1479	69.8274	1330.5586
ROW 4	1388.00	1351	69.8274	1330.5586

EXTENSION OF ICE CONDENSER WEIGHING PERIOD BASED
ON PREDICTED GROUP-ROW AND BAY SUBLIMATION RATES

Sheet 68 of 116
Prepared By/Date BJS 8/5/88
Reviewed By/Date LT 8/8/88
Sequoyah -- Unit 2

TABLE 6.1 (CONT)

STANDARD DEVIATION AND 95th PERCENTILE FOR 11-26-84

	AVERAGE WEIGHT (FOR BAY/BASKET)	BASKET WEIGHT (in lbs.)	STANDARD DEVIATION S	95th %
ROW 6	1388.00	1392	69.8274	1330.5586
ROW 8	1388.00	1410	69.8274	1330.5586
ROW 9	1388.00	1416	69.8274	1330.5586

BAY 21

ROW 1	1388.50	1323	101.0955	1305.3368
ROW 2	1388.50	1300	101.0955	1305.3368
ROW 4	1388.50	1327	101.0955	1305.3368
ROW 6	1388.50	1502	101.0955	1305.3368
ROW 8	1388.50	1532	101.0955	1305.3368
ROW 9	1388.50	1347	101.0955	1305.3368

BAY 22

ROW 1	1427.67	1365	90.8464	1352.9379
ROW 2	1427.67	1554	90.8464	1352.9379
ROW 4	1427.67	1374	90.8464	1352.9379
ROW 6	1427.67	1326	90.8464	1352.9379
ROW 8	1427.67	1429	90.8464	1352.9379
ROW 9	1427.67	1518	90.8464	1352.9379

BAY 23

ROW 1	1412.00	1481	57.449	1364.74
ROW 2	1412.00	1404	46.4658	1373.7763
ROW 4	1412.00	1401	46.4658	1373.7763
ROW 6	1412.00	1323	46.4658	1373.7763
ROW 8	1412.00	1443	46.4658	1373.7763
ROW 9	1412.00	1375	46.4658	1373.7763
		1449	46.4658	1373.7763

PREVIOUS VALUE
IS CONSIDERATIVE

BAY 24

ROW 1	1422.67	1375	62.7811	1371.0250
ROW 2	1422.67	1495	62.7811	1371.0250

EXTENSION OF ICE CONDENSER WEIGHING PERIOD BASED
ON PREDICTED GROUP-ROW AND BAY SUBLIMATION RATES

Sheet 69 of 116
Prepared By/Date W. B. B. 8/5/80
Reviewed By/Date 7 8/8/80
Sequoyah -- Unit 2

TABLE 6.1 (CONT)

STANDARD DEVIATION AND 95th PERCENTILE FOR 11-26-84

	AVERAGE WEIGHT (FOR BAY/BASKET)	BASKET WEIGHT (in lbs.)	STANDARD DEVIATION s	95th %
ROW 4	1422.67	1377	62.7811	1371.0250
ROW 6	1422.67	1419	62.7811	1371.0250
ROW 8	1422.67	1365	62.7811	1371.0250
ROW 9	1422.67	1505	62.7811	1371.0250

EXTENSION OF ICE CONDENSER WEIGHING PERIOD BASED
ON PREDICTED GROUP-ROW AND BAY SUBLIMATION RATES

Sheet 70 of 116
Prepared By/Date W. B. B. 8/5/88
Reviewed By/Date ST 8/14/84
Sequoyah -- Unit 2

TABLE 6.1 (CONT)

STANDARD DEVIATION AND 95th PERCENTILE FOR 9-13-85

	AVERAGE WEIGHT (FOR BAY/BASKET)	BASKET WEIGHT (in lbs.)	STANDARD DEVIATION s	95th %
BAY 1				
ROW 1	1263.53	1299	87.0570	1238.9693
ROW 2	1263.53	1415	87.0570	1238.9693
ROW 2	1263.53	1052	87.0570	1238.9693
ROW 4	1263.53	1123	87.0570	1238.9693
ROW 4	1263.53	1154	87.0570	1238.9693
ROW 4	1263.53	1220	87.0570	1238.9693
ROW 4	1263.53	1230	87.0570	1238.9693
ROW 4	1263.53	1152	87.0570	1238.9693
ROW 4	1263.53	1058	87.0570	1238.9693
ROW 5	1263.53	1301	87.0570	1238.9693
ROW 5	1263.53	1285	87.0570	1238.9693
ROW 5	1263.53	1213	87.0570	1238.9693
ROW 5	1263.53	1146	87.0570	1238.9693
ROW 6	1263.53	1278	87.0570	1238.9693
ROW 6	1263.53	1309	87.0570	1238.9693
ROW 6	1263.53	1237	87.0570	1238.9693
ROW 6	1263.53	1312	87.0570	1238.9693
ROW 6	1263.53	1308	87.0570	1238.9693
ROW 6	1263.53	1194	87.0570	1238.9693
ROW 7	1263.53	1316	87.0570	1238.9693
ROW 7	1263.53	1359	87.0570	1238.9693
ROW 7	1263.53	1352	87.0570	1238.9693
ROW 7	1263.53	1268	87.0570	1238.9693
ROW 7	1263.53	1317	87.0570	1238.9693
ROW 7	1263.53	1216	87.0570	1238.9693
ROW 8	1263.53	1255	87.0570	1238.9693
ROW 8	1263.53	1324	87.0570	1238.9693
ROW 8	1263.53	1370	87.0570	1238.9693
ROW 8	1263.53	1305	87.0570	1238.9693
ROW 8	1263.53	1263	87.0570	1238.9693
ROW 9	1263.53	1325	87.0570	1238.9693
ROW 9	1263.53	1315	87.0570	1238.9693
ROW 9	1263.53	1335	87.0570	1238.9693
ROW 9	1263.53	1354	87.0570	1238.9693

EXTENSION OF ICE CONDENSER WEIGHING PERIOD BASED
ON PREDICTED GROUP-ROW AND BAY SUBLIMATION RATES

Sheet 71 of 116
Prepared By/Date 8/28 8/5/88
Reviewed By/Date 17 8/15/89
Sequoyah -- Unit 2

TABLE 6.1 (CONT)

STANDARD DEVIATION AND 95th PERCENTILE FOR 9-13-85

	AVERAGE WEIGHT (FOR BAY/BASKET)	BASKET WEIGHT (in lbs.)	STANDARD DEVIATION -S	95th %
BAY 2				
ROW 1	1261.43	1010	137.1604	1222.7374
ROW 1	1261.43	1064	137.1604	1222.7374
ROW 1	1261.43	796	137.1604	1222.7374
ROW 1	1261.43	993	137.1604	1222.7374
ROW 2	1261.43	1197	137.1604	1222.7374
ROW 2	1261.43	1268	137.1604	1222.7374
ROW 2	1261.43	1321	137.1604	1222.7374
ROW 2	1261.43	1200	137.1604	1222.7374
ROW 2	1261.43	1217	137.1604	1222.7374
ROW 4	1261.43	1188	137.1604	1222.7374
ROW 4	1261.43	1209	137.1604	1222.7374
ROW 4	1261.43	1123	137.1604	1222.7374
ROW 4	1261.43	1134	137.1604	1222.7374
ROW 4	1261.43	1131	137.1604	1222.7374
ROW 4	1261.43	1394	137.1604	1222.7374
ROW 5	1261.43	1288	137.1604	1222.7374
ROW 5	1261.43	1246	137.1604	1222.7374
ROW 5	1261.43	1268	137.1604	1222.7374
ROW 5	1261.43	1276	137.1604	1222.7374
ROW 5	1261.43	1288	137.1604	1222.7374
ROW 5	1261.43	1317	137.1604	1222.7374
ROW 6	1261.43	1329	137.1604	1222.7374
ROW 6	1261.43	1294	137.1604	1222.7374
ROW 6	1261.43	1272	137.1604	1222.7374
ROW 6	1261.43	1395	137.1604	1222.7374
ROW 7	1261.43	1372	137.1604	1222.7374
ROW 7	1261.43	1327	137.1604	1222.7374
ROW 7	1261.43	1325	137.1604	1222.7374
ROW 7	1261.43	1396	137.1604	1222.7374
ROW 8	1261.43	1409	137.1604	1222.7374
ROW 8	1261.43	1346	137.1604	1222.7374
ROW 8	1261.43	1352	137.1604	1222.7374
ROW 8	1261.43	1382	137.1604	1222.7374

EXTENSION OF ICE CONDENSER WEIGHING PERIOD BASED
ON PREDICTED GROUP-ROW AND BAY SUBLIMATION RATES

TABLE 6.1 (CONT)

STANDARD DEVIATION AND 95th PERCENTILE FOR 9-13-85

	AVERAGE WEIGHT (FOR BAY/BASKET)	BASKET WEIGHT (in lbs.)	STANDARD DEVIATION s	95th %
ROW 8	1261.43	1420	137.1604	1222.7374
ROW 9	1261.43	1457	137.1604	1222.7374
ROW 9	1261.43	1306	137.1604	1222.7374
ROW 9	1261.43	1365	137.1604	1222.7374
BAY 3				
ROW 1	1298.42	979	140.8904	1251.2295
ROW 1	1298.42	1157	140.8904	1251.2295
ROW 1	1298.42	1077	140.8904	1251.2295
ROW 1	1298.42	1199	140.8904	1251.2295
ROW 1	1298.42	1212	140.8904	1251.2295
ROW 2	1298.42	1103	140.8904	1251.2295
ROW 2	1298.42	1301	140.8904	1251.2295
ROW 2	1298.42	1245	140.8904	1251.2295
ROW 3	1298.42	1125	140.8904	1251.2295
ROW 3	1298.42	1174	140.8904	1251.2295
ROW 4	1298.42	1275	140.8904	1251.2295
ROW 4	1298.42	1252	140.8904	1251.2295
ROW 4	1298.42	1235	140.8904	1251.2295
ROW 5	1298.42	1331	140.8904	1251.2295
ROW 5	1298.42	1333	140.8904	1251.2295
ROW 6	1298.42	1374	140.8904	1251.2295
ROW 6	1298.42	1395	140.8904	1251.2295
ROW 6	1298.42	1419	140.8904	1251.2295
ROW 6	1298.42	1412	140.8904	1251.2295
ROW 7	1298.42	1452	140.8904	1251.2295
ROW 7	1298.42	1473	140.8904	1251.2295
ROW 7	1298.42	1450	140.8904	1251.2295
ROW 7	1298.42	1473	140.8904	1251.2295
ROW 7	1298.42	1457	140.8904	1251.2295
ROW 8	1298.42	1470	140.8904	1251.2295
ROW 9	1298.42	1366	140.8904	1251.2295

UNITED STATES GOVERNMENT

Memorandum

TENNESSEE VALLEY AUTHORITY

TO : P. G. Trudel, Project Engineer, Sequoyah Engineering Project, DSC-E,
Sequoyah Nuclear Plant

FROM : S. J. Smith, Plant Manager, POB-2, Sequoyah Nuclear Plant

DATE :

SUBJECT: SEQUOYAH NUCLEAR PLANT (SQN) - POST MODIFICATION TEST PROGRAM (PMT) 108 -
TRANSMITTAL OF MOTOR DATA

Attached for your review is the motor data acquired in accordance with PMT-108/Work Plan (WP) 7245-02. This data supercedes only the motor data transmitted by my memorandum to you dated August 10, 1988 (S57 880810 858).

In accordance with the request by Nuclear Engineering (NE) Electrical Engineering Branch (EEB) representative D. B. Murray, a review of PMT-108 motor data was performed by Systems Engineering. This review included test data, chronological log, data tapes, and Dranetz 808 manual and revealed that the data tapes were misinterpreted by the Division of Power Systems Operation personnel at the time of the test. The corrected data sheet is attached to facilitate your motor horsepower evaluation.

This PMT-108 motor data review has been coordinated by R. S. Brackett at extension 7756 and R. D. Moore at extension 6614, (Systems Engineering) and D. B. Murray, (EEB).

S. J. Smith

RMM:ABD:RSB:SSB
cc: RIMS, MR 4N 72A-C

This memorandum was prepared principally by R. S. Brackett.

1170E



EXTENSION OF ICE CONDENSER WEIGHING PERIOD BASED
ON PREDICTED GROUP-ROW AND BAY SUBLIMATION RATES

TABLE 6.1 (CONT)

STANDARD DEVIATION AND 95th PERCENTILE FOR 9-13-85

	AVERAGE WEIGHT (FOR BAY/BASKET)	BASKET WEIGHT (in lbs.)	STANDARD DEVIATION S	95th %
BAY 4				
ROW 1	1346.21	1387	127.0256	1305.3328
ROW 1	1346.21	1172	127.0256	1305.3328
ROW 1	1346.21	1228	127.0256	1305.3328
ROW 2	1346.21	1086	127.0256	1305.3328
ROW 2	1346.21	1156	127.0256	1305.3328
ROW 2	1346.21	1247	127.0256	1305.3328
ROW 2	1346.21	1310	127.0256	1305.3328
ROW 3	1346.21	1276	127.0256	1305.3328
ROW 4	1346.21	1288	127.0256	1305.3328
ROW 4	1346.21	1306	127.0256	1305.3328
ROW 4	1346.21	1137	127.0256	1305.3328
ROW 4	1346.21	1131	127.0256	1305.3328
ROW 5	1346.21	1371	127.0256	1305.3328
ROW 5	1346.21	1362	127.0256	1305.3328
ROW 5	1346.21	1380	127.0256	1305.3328
ROW 5	1346.21	1362	127.0256	1305.3328
ROW 6	1346.21	1415	127.0256	1305.3328
ROW 6	1346.21	1421	127.0256	1305.3328
ROW 6	1346.21	1422	127.0256	1305.3328
ROW 6	1346.21	1425	127.0256	1305.3328
ROW 6	1346.21	1426	127.0256	1305.3328
ROW 7	1346.21	1474	127.0256	1305.3328
ROW 7	1346.21	1472	127.0256	1305.3328
ROW 7	1346.21	1483	127.0256	1305.3328
ROW 7	1346.21	1435	127.0256	1305.3328
ROW 7	1346.21	1457	127.0256	1305.3328
ROW 8	1346.21	1492	127.0256	1305.3328
ROW 9	1346.21	1573	127.0256	1305.3328
BAY 5				
ROW 1	1383.18	1460	104.6698	1325.9967
ROW 1	1383.18	1380	104.6698	1325.9967
ROW 1	1383.18	1381	104.6698	1325.9967
ROW 2	1383.18	1488	104.6698	1325.9967

EXTENSION OF ICE CONDENSER WEIGHING PERIOD BASED
ON PREDICTED GROUP-ROW AND BAY SUBLIMATION RATES

TABLE 6.1 (CONT)

STANDARD DEVIATION AND 95th PERCENTILE FOR 9-13-85

	AVERAGE WEIGHT (FOR BAY/BASKET)	BASKET WEIGHT (in lbs.)	STANDARD DEVIATION S	95th %
ROW 2	1383.18	1462	104.6698	1325.9967
ROW 2	1383.18	1197	104.6698	1325.9967
ROW 2	1383.18	1208	104.6698	1325.9967
ROW 4	1383.18	1393	104.6698	1325.9967
ROW 6	1383.18	1493	104.6698	1325.9967
ROW 8	1383.18	1443	104.6698	1325.9967
ROW 9	1383.18	1310	104.6698	1325.9967

BAY 6

ROW 1	1408.00	1516	119.0676	1346.2682
ROW 1	1408.00	1440	119.0676	1346.2682
ROW 1	1408.00	1399	119.0676	1346.2682
ROW 1	1408.00	1427	119.0676	1346.2682
ROW 2	1408.00	1225	119.0676	1346.2682
ROW 2	1408.00	1250	119.0676	1346.2682
ROW 2	1408.00	1247	119.0676	1346.2682
ROW 2	1408.00	1348	119.0676	1346.2682
ROW 4	1408.00	1449	119.0676	1346.2682
ROW 6	1408.00	1503	119.0676	1346.2682
ROW 8	1408.00	1601	119.0676	1346.2682
ROW 9	1408.00	1491	119.0676	1346.2682

BAY 7

ROW 1	1461.67	1484	76.9874	1398.3352
ROW 1	1461.67	1323	76.9874	1398.3352
ROW 1	1461.67	1433	76.9874	1398.3352
ROW 2	1461.67	1488	76.9874	1398.3352
ROW 4	1461.67	1547	76.9874	1398.3352
ROW 6	1461.67	1495	76.9874	1398.3352

BAY 8

EXTENSION OF ICE CONDENSER WEIGHING PERIOD BASED
ON PREDICTED GROUP-RCW AND BAY SUBLIMATION RATES

Sheet 75 of 116
Prepared By/Date 8/5/88
Reviewed By/Date 8/5/88
Sequoyah -- Unit 2

TABLE 6.1 (CONT)

STANDARD DEVIATION AND 95th PERCENTILE FOR 9-13-85

	AVERAGE WEIGHT (FOR BAY/BASKET)	BASKET WEIGHT (in lbs.)	STANDARD DEVIATION s	95th %
ROW 1	1342.00	1294	55.4977	1296.3464
ROW 2	1342.00	1337	55.4977	1296.3464
ROW 4	1342.00	1347	55.4977	1296.3464
ROW 6	1342.00	1411	55.4977	1296.3464
ROW 8	1342.00	1395	55.4977	1296.3464
ROW 9	1342.00	1268	55.4977	1296.3464
BAY 9				
ROW 1	1414.83	1281	98.8320	1333.5288
ROW 2	1414.83	1368	98.8320	1333.5288
ROW 4	1414.83	1350	98.8320	1333.5288
ROW 6	1414.83	1467	98.8320	1333.5288
ROW 8	1414.83	1472	98.8320	1333.5288
ROW 9	1414.83	1551	98.8320	1333.5288
BAY 10				
ROW 1	1398.50	1319	62.8832	1346.7710
ROW 2	1398.50	1324	62.8832	1346.7710
ROW 4	1398.50	1412	62.8832	1346.7710
ROW 6	1398.50	1426	62.8832	1346.7710
ROW 8	1398.50	1438	62.8832	1346.7710
ROW 9	1398.50	1472	62.8832	1346.7710
BAY 11				
ROW 1	1397.00	1318	78.3377	1332.5578
ROW 2	1397.00	1320	78.3377	1332.5578
ROW 4	1397.00	1384	78.3377	1332.5578
ROW 6	1397.00	1515	78.3377	1332.5578
ROW 8	1397.00	1383	78.3377	1332.5578
ROW 9	1397.00	1462	78.3377	1332.5578
BAY 12				

EXTENSION OF ICE CONDENSER WEIGHING PERIOD BASED
ON PREDICTED GROUP-ROW AND BAY SUBLIMATION RATES

Sheet 76 of 116
Prepared By/Date BSB 8/5/88
Reviewed By/Date AT 8/8/88
Sequoyah -- Unit 2

TABLE 6-1 (CONT)

STANDARD DEVIATION AND 95th PERCENTILE FOR 9-13-85

	AVERAGE WEIGHT (FOR BAY/BASKET)	BASKET WEIGHT (in lbs.)	STANDARD DEVIATION s	95th %
ROW 1	1425.83	1451	72.5114	1366.1807
ROW 2	1425.83	1318	72.5114	1366.1807
ROW 4	1425.83	1345	72.5114	1366.1807
ROW 6	1425.83	1432	72.5114	1366.1807
ROW 8	1425.83	1512	72.5114	1366.1807
ROW 9	1425.83	1447	72.5114	1366.1807
BAY 13				
ROW 1	1338.00	1302	53.7215	1293.8076
ROW 2	1338.00	1322	53.7215	1293.8076
ROW 4	1338.00	1277	53.7215	1293.8076
ROW 6	1338.00	1376	53.7215	1293.8076
ROW 8	1338.00	1326	53.7215	1293.8076
ROW 9	1338.00	1425	53.7215	1293.8076
BAY 14				
ROW 1	1319.96	1259	107.2725	1284.0288
ROW 1	1319.96	1475	107.2725	1284.0288
ROW 1	1319.96	1540	107.2725	1284.0288
ROW 2	1319.96	1050	107.2725	1284.0288
ROW 2	1319.96	1132	107.2725	1284.0288
ROW 2	1319.96	1131	107.2725	1284.0288
ROW 2	1319.96	1278	107.2725	1284.0288
ROW 4	1319.96	1250	107.2725	1284.0288
ROW 6	1319.96	1421	107.2725	1284.0288
ROW 6	1319.96	1267	107.2725	1284.0288
ROW 6	1319.96	1417	107.2725	1284.0288
ROW 6	1319.96	1274	107.2725	1284.0288
ROW 6	1319.96	1299	107.2725	1284.0288
ROW 6	1319.96	1312	107.2725	1284.0288
ROW 6	1319.96	1360	107.2725	1284.0288
ROW 7	1319.96	1408	107.2725	1284.0288
ROW 7	1319.96	1413	107.2725	1284.0288
ROW 7	1319.96	1383	107.2725	1284.0288

EXTENSION OF ICE CONDENSER WEIGHING PERIOD BASED
ON PREDICTED GROUP-ROW AND BAY SUBLIMATION RATES

Sheet 77 of 116
Prepared By/Date 8/5/88
Reviewed By/Date 8/5/88
Sequoyah - Unit 2

TABLE 6-1 (CONT)

STANDARD DEVIATION AND 95th PERCENTILE FOR 9-13-85

	AVERAGE WEIGHT (FOR BAY/BASKET)	BASKET WEIGHT (in lbs.)	STANDARD DEVIATION S	95th %
ROW 7	1319.96	1321	107.2725	1284.0288
ROW 7	1319.96	1312	107.2725	1284.0288
ROW 7	1319.96	1347	107.2725	1284.0288
ROW 7	1319.96	1377	107.2725	1284.0288
ROW 8	1319.96	1384	107.2725	1284.0288
ROW 8	1319.96	1344	107.2725	1284.0288
ROW 8	1319.96	1317	107.2725	1284.0288
ROW 9	1319.96	1248	107.2725	1284.0288
BAY 15				
ROW 1	1379.17	1352	36.7990	1348.8984
ROW 2	1379.17	1336	36.7990	1348.8984
ROW 4	1379.17	1362	36.7990	1348.8984
ROW 6	1379.17	1427	36.7990	1348.8984
ROW 8	1379.17	1419	36.7990	1348.8984
ROW 9	1379.17	1379	36.7990	1348.8984
BAY 16				
ROW 1	1404.46	1147	94.7625	1372.7193
ROW 2	1404.46	1274	94.7625	1372.7193
ROW 2	1404.46	1297	94.7625	1372.7193
ROW 2	1404.46	1342	94.7625	1372.7193
ROW 2	1404.46	1269	94.7625	1372.7193
ROW 4	1404.46	1377	94.7625	1372.7193
ROW 4	1404.46	1352	94.7625	1372.7193
ROW 4	1404.46	1357	94.7625	1372.7193
ROW 4	1404.46	1363	94.7625	1372.7193
ROW 4	1404.46	1374	94.7625	1372.7193
ROW 4	1404.46	1347	94.7625	1372.7193
ROW 6	1404.46	1412	94.7625	1372.7193
ROW 6	1404.46	1449	94.7625	1372.7193
ROW 6	1404.46	1407	94.7625	1372.7193
ROW 6	1404.46	1461	94.7625	1372.7193
ROW 6	1404.46	1449	94.7625	1372.7193

EXTENSION OF ICE CONDENSER WEIGHING PERIOD BASED
ON PREDICTED GROUP-ROW AND BAY SUBLIMATION RATES

Sheet 78 of 116
Prepared By/Date BSR 8/5/88
Reviewed By/Date BT 5/8/89
Sequoyah -- Unit 2

TABLE 6.1 (CONT)

STANDARD DEVIATION AND 95th PERCENTILE FOR 9-13-85

	AVERAGE WEIGHT (FOR BAY/BASKET)	BASKET WEIGHT (in lbs.)	STANDARD DEVIATION S	95th %
ROW 6	1404.46	1432	94.7625	1372.7193
ROW 7	1404.46	1443	94.7625	1372.7193
ROW 7	1404.46	1476	94.7625	1372.7193
ROW 8	1404.46	1495	94.7625	1372.7193
ROW 8	1404.46	1455	94.7625	1372.7193
ROW 8	1404.46	1410	94.7625	1372.7193
ROW 8	1404.46	1501	94.7625	1372.7193
ROW 8	1404.46	1540	94.7625	1372.7193
ROW 8	1404.46	1499	94.7625	1372.7193
ROW 9	1404.46	1588	94.7625	1372.7193
BAY 17				
ROW 1	1347.17	1303	90.4774	1272.7414
ROW 2	1347.17	1440	90.4774	1272.7414
ROW 4	1347.17	1306	90.4774	1272.7414
ROW 6	1347.17	1403	90.4774	1272.7414
ROW 8	1347.17	1424	90.4774	1272.7414
ROW 9	1347.17	1207	90.4774	1272.7414
BAY 18				
ROW 1	1425.50	1304	87.6419	1353.4040
ROW 2	1425.50	1347	87.6419	1353.4040
ROW 4	1425.50	1420	87.6419	1353.4040
ROW 6	1425.50	1476	87.6419	1353.4040
ROW 8	1425.50	1465	87.6419	1353.4040
ROW 9	1425.50	1541	87.6419	1353.4040
BAY 19				
ROW 1	1395.17	1208	102.2652	1311.0446
ROW 2	1395.17	1368	102.2652	1311.0446
ROW 4	1395.17	1402	102.2652	1311.0446
ROW 6	1395.17	1487	102.2652	1311.0446
ROW 8	1395.17	1479	102.2652	1311.0446

EXTENSION OF ICE CONDENSER WEIGHING PERIOD BASED
ON PREDICTED GROUP-ROW AND BAY SUBLIMATION RATES

Sheet 79 of 116
Prepared By/Date BT 8/5/88
Reviewed By/Date BT 8/8/88
Sequoyah -- Unit 2

TABLE 6.1 (CONT)

STANDARD DEVIATION AND 95th PERCENTILE FOR 9-13-85

	AVERAGE WEIGHT (FOR BAY/BASKET)	BASKET WEIGHT (in lbs.)	STANDARD DEVIATION S	95th %
ROW 9	1395.17	1427	102.2652	1311.0446
BAY 20				
ROW 1	1374.08	1207	135.0004	1328.8563
ROW 1	1374.08	1105	135.0004	1328.8563
ROW 1	1374.08	1043	135.0004	1328.8563
ROW 1	1374.08	1053	135.0004	1328.8563
ROW 2	1374.08	1333	135.0004	1328.8563
ROW 2	1374.08	1492	135.0004	1328.8563
ROW 2	1374.08	1398	135.0004	1328.8563
ROW 2	1374.08	1414	135.0004	1328.8563
ROW 4	1374.08	1362	135.0004	1328.8563
ROW 4	1374.08	1334	135.0004	1328.8563
ROW 4	1374.08	1378	135.0004	1328.8563
ROW 4	1374.08	1338	135.0004	1328.8563
ROW 4	1374.08	1322	135.0004	1328.8563
ROW 4	1374.08	1355	135.0004	1328.8563
ROW 6	1374.08	1431	135.0004	1328.8563
ROW 6	1374.08	1437	135.0004	1328.8563
ROW 6	1374.08	1427	135.0004	1328.8563
ROW 6	1374.08	1445	135.0004	1328.8563
ROW 6	1374.08	1442	135.0004	1328.8563
ROW 6	1374.08	1464	135.0004	1328.8563
ROW 7	1374.08	1444	135.0004	1328.8563
ROW 7	1374.08	1507	135.0004	1328.8563
ROW 8	1374.08	1512	135.0004	1328.8563
ROW 8	1374.08	1516	135.0004	1328.8563
ROW 8	1374.08	1535	135.0004	1328.8563
ROW 9	1374.08	1432	135.0004	1328.8563
BAY 21				
ROW 1	1392.00	1293	77.8691	1327.9433
ROW 2	1392.00	1320	77.8691	1327.9433
ROW 4	1392.00	1390	77.8691	1327.9433

EXTENSION OF ICE CONDENSER WEIGHING PERIOD BASED
ON PREDICTED GROUP-ROW AND BAY SUBLIMATION RATES

TABLE 6.1 (CONT)

STANDARD DEVIATION AND 95th PERCENTILE FOR 9-13-85

	AVERAGE WEIGHT (FOR BAY/BASKET)	BASKET WEIGHT (in lbs.)	STANDARD DEVIATION S	95th %
ROW 6	1392.00	1465	77.8691	1327.9433
ROW 8	1392.00	1492	77.8691	1327.9433
ROW 9	1392.00	1392	77.8691	1327.9433
BAY 22		BT 8/6/88	79.16	1351.21
ROW 1	1416.33	1338.928	76.1358	1353.6991
ROW 1	1416.33	1320	76.1358	1353.6991
ROW 2	1416.33	1369	76.1358	1353.6991
ROW 2	1416.33	1411	76.1358	1353.6991
ROW 4	1416.33	1382	76.1358	1353.6991
ROW 4	1416.33	1478	76.1358	1353.6991
BAY 23				
ROW 1	1411.17	1285	96.5410	1331.7534
ROW 2	1411.17	1392	96.5410	1331.7534
ROW 4	1411.17	1321	96.5410	1331.7534
ROW 6	1411.17	1489	96.5410	1331.7534
ROW 8	1411.17	1533	96.5410	1331.7534
ROW 9	1411.17	1447	96.5410	1331.7534
BAY 24				
ROW 1	1463.33	1444	81.0769	1396.6345
ROW 2	1463.33	1482	81.0769	1396.6345
ROW 4	1463.33	1349	81.0769	1396.6345
ROW 6	1463.33	1405	81.0769	1396.6345
ROW 8	1463.33	1532	81.0769	1396.6345
ROW 9	1463.33	1508	81.0769	1396.6345

EXTENSION OF ICE CONDENSER WEIGHING PERIOD BASED
ON PREDICTED GROUP-ROW AND BAY SUBLIMATION RATES

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Prepared By/Date W. B. 2/5/88
Reviewed By/Date ET 5/8/88
Sequoyah -- Unit 2

TABLE 6.1 (CONT)

STANDARD DEVIATION AND 95th PERCENTILE FOR 07-05-87

	AVERAGE WEIGHT (FOR BAY/BASKET)	BASKET WEIGHT (in lbs.)	STANDARD DEVIATION S	95th %
BAY 1				
ROW 1	1268.35	907	166.39638032	1211.575555
ROW 2	1268.35	1363	166.39638032	1211.575555
ROW 2	1268.35	1145	166.39638032	1211.575555
ROW 4	1268.35	1424	166.39638032	1211.575555
ROW 4	1268.35	1413	166.39638032	1211.575555
ROW 4	1268.35	1400	166.39638032	1211.575555
ROW 6	1268.35	1270	166.39638032	1211.575555
ROW 6	1268.35	1376	166.39638032	1211.575555
ROW 6	1268.35	1264	166.39638032	1211.575555
ROW 6	1268.35	1382	166.39638032	1211.575555
ROW 6	1268.35	1294	166.39638032	1211.575555
ROW 6	1268.35	1288	166.39638032	1211.575555
ROW 6	1268.35	1375	166.39638032	1211.575555
ROW 6	1268.35	1152	166.39638032	1211.575555
ROW 7	1268.35	1310	166.39638032	1211.575555
ROW 7	1268.35	1277	166.39638032	1211.575555
ROW 7	1268.35	1322	166.39638032	1211.575555
ROW 7	1268.35	1346	166.39638032	1211.575555
ROW 7	1268.35	1374	166.39638032	1211.575555
ROW 7	1268.35	1275	166.39638032	1211.575555
ROW 7	1268.35	1324	166.39638032	1211.575555
ROW 7	1268.35	1114	166.39638032	1211.575555
ROW 8	1268.35	1273	166.39638032	1211.575555
ROW 8	1268.35	1386	166.39638032	1211.575555
ROW 8	1268.35	667	166.39638032	1211.575555
ROW 9	1268.35	1256	166.39638032	1211.575555
BAY 2				
ROW 1	1318.08	1112	66.368018248	1295.4352322
ROW 2	1318.08	1251	66.368018248	1295.4352322
ROW 2	1318.08	1299	66.368018248	1295.4352322
ROW 2	1318.08	1283	66.368018248	1295.4352322
ROW 2	1318.08	1239	66.368018248	1295.4352322
ROW 4	1318.08	1343	66.368018248	1295.4352322
ROW 6	1318.08	1421	66.368018248	1295.4352322
ROW 6	1318.08	1424	66.368018248	1295.4352322

EXTENSION OF ICE CONDENSER WEIGHING PERIOD BASED
ON PREDICTED GROUP-ROW AND BAY SUBLIMATION RATES

Sheet 82 of 116
Prepared By/Date W. J. B. 8/5/88
Reviewed By/Date LT 8/5/88
Sequoyah -- Unit 2

TABLE 6.1 (CONT)

07-05-87

ROW 6	1318.08	1279	66.368018248	1295.4352322
ROW 6	1318.08	1347	66.368018248	1295.4352322
ROW 6	1318.08	1386	66.368018248	1295.4352322
ROW 6	1318.08	1730	66.368018248	1295.4352322
ROW 7	1318.08	1359	66.368018248	1295.4352322
ROW 7	1318.08	1336	66.368018248	1295.4352322
ROW 7	1318.08	1301	66.368018248	1295.4352322
ROW 7	1318.08	1298	66.368018248	1295.4352322
ROW 7	1318.08	1346	66.368018248	1295.4352322
ROW 7	1318.08	1323	66.368018248	1295.4352322
ROW 7	1318.08	1372	66.368018248	1295.4352322
ROW 8	1318.08	1406	66.368018248	1295.4352322
ROW 8	1318.08	1315	66.368018248	1295.4352322
ROW 8	1318.08	1287	66.368018248	1295.4352322
ROW 8	1318.08	1358	66.368018248	1295.4352322
ROW 8	1318.08	1316	66.368018248	1295.4352322
ROW 8	1318.08	1316	66.368018248	1295.4352322
ROW 9	1318.08	1223	66.368018248	1295.4352322

BAY 3

ROW 1	1388.00	1397	75.354628259	1362.2890008
ROW 2	1388.00	1202	75.354628259	1362.2890008
ROW 4	1388.00	1271	75.354628259	1362.2890008
ROW 4	1388.00	1190	75.354628259	1362.2890008
ROW 6	1388.00	1388	75.354628259	1362.2890008
ROW 6	1388.00	1376	75.354628259	1362.2890008
ROW 6	1388.00	1378	75.354628259	1362.2890008
ROW 6	1388.00	1389	75.354628259	1362.2890008
ROW 6	1388.00	1369	75.354628259	1362.2890008
ROW 6	1388.00	1345	75.354628259	1362.2890008
ROW 7	1388.00	1437	75.354628259	1362.2890008
ROW 7	1388.00	1459	75.354628259	1362.2890008
ROW 7	1388.00	1442	75.354628259	1362.2890008

EXTENSION OF ICE CONDENSER WEIGHING PERIOD BASED
ON PREDICTED GROUP-ROW AND BAY SUBLIMATION RATES

Sheet 83 of 116
Prepared By/Date W. B. B. 8/5/84
Reviewed By/Date 7 5/8/84
Sequyah -- Unit 2

TABLE 6.1 (CONT)

07-05-87

ROW 7	1388.00	1446	75.354628259	1362.2890008
ROW 7	1388.00	1369	75.354628259	1362.2890008
ROW 7	1388.00	1443	75.354628259	1362.2890008
ROW 8	1388.00	1476	75.354628259	1362.2890008
ROW 8	1388.00	1421	75.354628259	1362.2890008
ROW 8	1388.00	1330	75.354628259	1362.2890008
ROW 8	1388.00	1467	75.354628259	1362.2890008
ROW 8	1388.00	1437	75.354628259	1362.2890008
ROW 8	1388.00	1469	75.354628259	1362.2890008
ROW 9	1388.00	1434	75.354628259	1362.2890008
ROW 9	1388.00	1432	75.354628259	1362.2890008
ROW 9	1388.00	1330	75.354628259	1362.2890008
ROW 9	1388.00	1391	75.354628259	1362.2890008
BAY 4				
ROW 1	1382.83	1400	100.048821416	1295.8939757
ROW 2	1382.83	1526	100.048821416	1295.8939757
ROW 4	1382.83	1288	100.048821416	1295.8939757
ROW 6	1382.83	1420	100.048821416	1295.8939757
ROW 8	1382.83	1414	100.048821416	1295.8939757
ROW 9	1382.83	1249	100.048821416	1295.8939757
BAY 5				
ROW 1	1363.00	1319	65.087633234	1306.4430113
ROW 2	1363.00	1364	65.087633234	1306.4430113
ROW 4	1363.00	1351	65.087633234	1306.4430113
ROW 6	1363.00	1427	65.087633234	1306.4430113
ROW 8	1363.00	1272	65.037633234	1306.4430113
ROW 9	1363.00	1445	65.087633234	1306.4430113
BAY 6				
ROW 1	1440.50	1288	99.307099444	1354.2084846
ROW 2	1440.50	1552	99.307099444	1354.2084846
ROW 4	1440.50	1357	99.307099444	1354.2084846
ROW 6	1440.50	1457	99.307099444	1354.2084846
ROW 8	1440.50	1478	99.307099444	1354.2084846
ROW 9	1440.50	1511	99.307099444	1354.2084846

EXTENSION OF ICE CONDENSER WEIGHING PERIOD BASED
ON PREDICTED GROUP-ROW AND BAY SUBLIMATION RATES

TABLE 6.1 (CONT)

07-05-87

BAY 7

ROW 1	1414.17	1340	107.674354731	1320.6078752
ROW 2	1414.17	1278	107.674354731	1320.6078752
ROW 4	1414.17	1348	107.674354731	1320.6078752
ROW 6	1414.17	1456	107.674354731	1320.6078752
ROW 8	1414.17	1520	107.674354731	1320.6078752
ROW 9	1414.17	1543	107.674354731	1320.6078752

BAY 8

ROW 1	1322.33	1287	67.461594012	1263.7101913
ROW 2	1322.33	1364	67.461594012	1263.7101913
ROW 4	1322.33	1331	67.461594012	1263.7101913
ROW 6	1322.33	1372	67.461594012	1263.7101913
ROW 8	1322.33	1377	67.461594012	1263.7101913
ROW 9	1322.33	1203	67.461594012	1263.7101913

BAY 9

ROW 1	1391.67	1434	83.236210069	1319.3430592
ROW 2	1391.67	1248	83.236210069	1319.3430592
ROW 4	1391.67	1332	83.236210069	1319.3430592
ROW 6	1391.67	1443	83.236210069	1319.3430592
ROW 8	1391.67	1446	83.236210069	1319.3430592
ROW 9	1391.67	1447	83.236210069	1319.3430592

BAY 10

ROW 1	1400.00	1352	76.252213083	1333.7417057
ROW 2	1400.00	1271	76.252213083	1333.7417057
ROW 4	1400.00	1406	76.252213083	1333.7417057
ROW 6	1400.00	1459	76.252213083	1333.7417057
ROW 8	1400.00	1469	76.252213083	1333.7417057
ROW 9	1400.00	1443	76.252213083	1333.7417057

EXTENSION OF ICE CONDENSER WEIGHING PERIOD BASED
ON PREDICTED GROUP-ROW AND BAY SUBLIMATION RATES

Sheet 85 of 116
Prepared By/Date W. B. B. 8/5/88
Reviewed By/Date LT 8/8/89
Sequoyah -- Unit 2

TABLE 6.1 (CONT)

07-05-87

BAY 11

ROW 1	1346.31	1148	137.48505933	1299.4000978
ROW 1	1346.31	1135	137.48505933	1299.4000978
ROW 1	1346.31	1197	137.48505933	1299.4000978
ROW 1	1346.31	1033	137.48505933	1299.4000978
ROW 2	1346.31	1209	137.48505933	1299.4000978
ROW 2	1346.31	1192	137.48505933	1299.4000978
ROW 2	1346.31	1162	137.48505933	1299.4000978
ROW 2	1346.31	1156	137.48505933	1299.4000978
ROW 4	1346.31	1362	137.48505933	1299.4000978
ROW 6	1346.31	1425	137.48505933	1299.4000978
ROW 6	1346.31	1455	137.48505933	1299.4000978
ROW 6	1346.31	1441	137.48505933	1299.4000978
ROW 6	1346.31	1430	137.48505933	1299.4000978
ROW 6	1346.31	1440	137.48505933	1299.4000978
ROW 7	1346.31	1450	137.48505933	1299.4000978
ROW 7	1346.31	1460	137.48505933	1299.4000978
ROW 7	1346.31	1493	137.48505933	1299.4000978
ROW 7	1346.31	1443	137.48505933	1299.4000978
ROW 7	1346.31	1390	137.48505933	1299.4000978
ROW 8	1346.31	1460	137.48505933	1299.4000978
ROW 8	1346.31	1399	137.48505933	1299.4000978
ROW 8	1346.31	1492	137.48505933	1299.4000978
ROW 8	1346.31	1412	137.48505933	1299.4000978
ROW 8	1346.31	1369	137.48505933	1299.4000978
ROW 8	1346.31	1453	137.48505933	1299.4000978
ROW 9	1346.31	1398	137.48505933	1299.4000978

BAY 12

ROW 1	1397.50	1405	52.88005295	1351.5506175
ROW 2	1397.50	1336	52.88005295	1351.5506175
ROW 4	1397.50	1339	52.88005295	1351.5506175
ROW 6	1397.50	1405	52.88005295	1351.5506175
ROW)	1397.50	1474	52.88005295	1351.5506175
ROW 9	1397.50	1426	52.88005295	1351.5506175

EXTENSION OF ICE CONDENSER WEIGHING PERIOD BASED
ON PREDICTED GROUP-ROW AND BAY SUBLIMATION RATES

Sheet 86 of 116
Prepared By/Date WBS 8/5/88
Reviewed By/Date ST 5/5/88
Sequoyah -- Unit 2

TABLE 6.1 (CONT)

07-05-87

BAY 13

ROW 1	1351.00	1407	68.786626607	1291.2283227
ROW 2	1351.00	1282	68.786626607	1291.2283227
ROW 4	1351.00	1249	68.786626607	1291.2283227
ROW 6	1351.00	1396	68.786626607	1291.2283227
ROW 8	1351.00	1407	68.786626607	1291.2283227
ROW 9	1351.00	1365	68.786626607	1291.2283227

BAY 14

ROW 1	1354.46	1327	93.614627391	1322.5186891
ROW 2	1354.46	1348	93.614627391	1322.5186891
ROW 2	1354.46	1312	93.614627391	1322.5186891
ROW 2	1354.46	1460	93.614627391	1322.5186891
ROW 4	1354.46	1467	93.614627391	1322.5186891
ROW 6	1354.46	1296	93.614627391	1322.5186891
ROW 6	1354.46	1388	93.614627391	1322.5186891
ROW 6	1354.46	1550	93.614627391	1322.5186891
ROW 6	1354.46	1389	93.614627391	1322.5186891
ROW 6	1354.46	1434	93.614627391	1322.5186891
ROW 6	1354.46	1506	93.614627391	1322.5186891
ROW 6	1354.46	1315	93.614627391	1322.5186891
ROW 6	1354.46	1411	93.614627391	1322.5186891
ROW 7	1354.46	1387	93.614627391	1322.5186891
ROW 7	1354.46	1379	93.614627391	1322.5186891
ROW 7	1354.46	1365	93.614627391	1322.5186891
ROW 7	1354.46	1300	93.614627391	1322.5186891
ROW 7	1354.46	1300	93.614627391	1322.5186891
ROW 7	1354.46	1388	93.614627391	1322.5186891
ROW 7	1354.46	1340	93.614627391	1322.5186891
ROW 8	1354.46	1332	93.614627391	1322.5186891
ROW 8	1354.46	1288	93.614627391	1322.5186891
ROW 8	1354.46	1240	93.614627391	1322.5186891
ROW 8	1354.46	1285	93.614627391	1322.5186891

EXTENSION OF ICE CONDENSER WEIGHING PERIOD BASED
ON PREDICTED GROUP-ROW AND BAY SUBLIMATION RATES

Sheet 87 of 116
Prepared By/Date CP 8/5/83
Reviewed By/Date LT 8/8/83
Sequoyah - Unit 2

TABLE 6.1 (CONT)

07-05-87

ROW 8	1354.46	1342	93.614627391	1322.5186491
ROW 9	1354.46	1067	93.614627391	1322.5186491
BAY 15				
ROW 1	1316.00	1229	68.126353198	1259.9578785
ROW 2	1316.00	1276	68.126353198	1259.9578785
ROW 4	1316.00	1361	68.126353198	1259.9578785
ROW 6	1316.00	1402	68.126353198	1259.9578785
ROW 8	1316.00	1362	68.126353198	1259.9578785
ROW 9	1316.00	1266	68.126353198	1259.9578785
BAY 16				
ROW 1	1415.67	1283	89.836889231	1341.7683508
ROW 2	1415.67	1463	89.836889231	1341.7683508
ROW 4	1415.67	1352	89.836889231	1341.7683508
ROW 6	1415.67	1438	89.836889231	1341.7683508
ROW 8	1415.67	1542	89.836889231	1341.7683508
ROW 9	1415.67	1416	89.836889231	1341.7683508
BAY 17				
ROW 1	1336.08	1310	59.871400647	1316.0250949
ROW 2	1336.08	1286	59.871400647	1316.0250949
ROW 2	1336.08	1149	59.871400647	1316.0250949
ROW 2	1336.08	1409	59.871400647	1316.0250949
ROW 2	1336.08	1408	59.871400647	1316.0250949
ROW 4	1336.08	1396	59.871400647	1316.0250949
ROW 6	1336.08	1349	59.871400647	1316.0250949
ROW 6	1336.08	1362	59.871400647	1316.0250949
ROW 6	1336.08	1345	59.871400647	1316.0250949
ROW 6	1336.08	1331	59.871400647	1316.0250949
ROW 6	1336.08	1335	59.871400647	1316.0250949
ROW 6	1336.08	1357	59.871400647	1316.0250949
ROW 6	1336.08	1394	59.871400647	1316.0250949
ROW 7	1336.08	1383	59.871400647	1316.0250949
ROW 7	1336.08	1373	59.871400647	1316.0250949
ROW 7	1336.08	1338	59.871400647	1316.0250949
ROW 7	1336.08	1321	59.871400647	1316.0250949
ROW 7	1336.08	1322	59.871400647	1316.0250949
ROW 7	1336.08	1370	59.871400647	1316.0250949

BARR RESULTS IN
NEARLY NO CHANGE
IN 75% CONFORMANCE
WEIGHT
LT 8/8/83
1373

EXTENSION OF ICE CONDENSER WEIGHING PERIOD BASED
ON PREDICTED GROUP-ROW AND BAY SUBLIMATION RATES

Sheet 88 of 116
Prepared By/Date W. B. B. 8/5/84
Reviewed By/Date ET 8/5/84
Sequoyah -- Unit 2

TABLE 6.1 (CONT)

07-05-87

ROW 7	1336.08	1366	59.871400647	1316.0250949
ROW 7	1336.08	1364	59.871400647	1316.0250949
ROW 8	1336.08	1233	59.871400647	1316.0250949
ROW 8	1336.08	1318	59.871400647	1316.0250949
ROW 8	1336.08	1362	59.871400647	1316.0250949
ROW 8	1336.08	1330	59.871400647	1316.0250949
ROW 9	1336.08	1227	59.871400647	1316.0250949
BAY 18				
ROW 1	1423.50	1291	79.575750075	1358.0393722
ROW 2	1423.50	1438	79.575750075	1358.0393722
ROW 4	1423.50	1416	79.575750075	1358.0393722
ROW 6	1423.50	1463	79.575750075	1358.0393722
ROW 8	1423.50	1532	79.575750075	1358.0393722
ROW 9	1423.50	1401	79.575750075	1358.0393722
BAY 19				
ROW 1	1439.33	1384	45.178165818	1402.1655234
ROW 2	1439.33	1428	45.178165818	1402.1655234
ROW 4	1439.33	1398	45.178165818	1402.1655234
ROW 6	1439.33	1482	45.178165818	1402.1655234
ROW 8	1439.33	1498	45.178165818	1402.1655234
ROW 9	1439.33	1446	45.178165818	1402.1655234
BAY 20				
ROW 1	1389.33	1330	62.675885847	1337.7715437
ROW 2	1389.33	1430	62.675885847	1337.7715437
ROW 4	1389.33	1311	62.675885847	1337.7715437
ROW 6	1389.33	1447	62.675885847	1337.7715437
ROW 8	1389.33	1453	62.675885847	1337.7715437
ROW 9	1389.33	1363	62.675885847	1337.7715437

EXTENSION OF ICE CONDENSER WEIGHING PERIOD BASED
ON PREDICTED GROUP-ROW AND BAY SUBLIMATION RATES

Sheet 87 of 116
Prepared By/Date CD 2/28/87
Reviewed By/Date LT 5/5/87
Sequoyah -- Unit 2

TABLE 6-1 (CONT)

07-05-87

BAY 21				
ROW 1	1380.50	1349	67.060420518	1325.3347364
ROW 2	1380.50	1320	67.060420518	1325.3347364
ROW 4	1380.50	1325	67.060420518	1325.3347364
ROW 6	1380.50	1454	67.060420518	1325.3347364
ROW 8	1380.50	1475	67.060420518	1325.3347364
ROW 9	1380.50	1360	67.060420518	1325.3347364
				0
				0
				0
BAY 22				
ROW 1	1374.67	1386	62.217896675	1323.4882948
ROW 2	1374.67	1270	62.217896675	1323.4882948
ROW 4	1374.67	1339	62.217896675	1323.4882948
ROW 6	1374.67	1412	62.217896675	1323.4882948
ROW 8	1374.67	1447	62.217896675	1323.4882948
ROW 9	1374.67	1394	62.217896675	1323.4882948
				0
				0
				0
BAY 23				
ROW 1	1397.00	1460	89.465076985	1323.4042111
ROW 2	1397.00	1333	89.465076985	1323.4042111
ROW 4	1397.00	1256	89.465076985	1323.4042111
ROW 6	1397.00	1429	89.465076985	1323.4042111
ROW 8	1397.00	1502	89.465076985	1323.4042111
ROW 9	1397.00	1402	89.465076985	1323.4042111

EXTENSION OF ICE CONDENSER WEIGHING PERIOD BASED
ON PREDICTED GROUP-ROW AND BAY SUBLIMATION RATES

Sheet 90 of 116
Prepared By/Date BSB 8/5/88
Reviewed By/Date LT 8/11/88
Sequoyah -- Unit 2

TABLE 6.1 (CONT)

07-05-87

BAY 24

ROW 1	1296.62	758	139.97859177	1249.7867849
ROW 1	1296.62	1192	139.97859177	1249.7867849
ROW 1	1296.62	1379	139.97859177	1249.7867849
ROW 2	1296.62	1254	139.97859177	1249.7867849
ROW 2	1296.62	1335	139.97859177	1249.7867849
ROW 2	1296.62	1375	139.97859177	1249.7867849
ROW 2	1296.62	1280	139.97859177	1249.7867849
ROW 4	1296.62	1302	139.97859177	1249.7867849
ROW 6	1296.62	1184	139.97859177	1249.7867849
ROW 6	1296.62	1225	139.97859177	1249.7867849
ROW 6	1296.62	1263	139.97859177	1249.7867849
ROW 6	1296.62	1327	139.97859177	1249.7867849
ROW 6	1296.62	1377	139.97859177	1249.7867849
ROW 6	1296.62	1373	139.97859177	1249.7867849
ROW 7	1296.62	1198	139.97859177	1249.7867849
ROW 7	1296.62	1259	139.97859177	1249.7867849
ROW 7	1296.62	1307	139.97859177	1249.7867849
ROW 7	1296.62	1324	139.97859177	1249.7867849
ROW 7	1296.62	1413	139.97859177	1249.7867849
ROW 7	1296.62	1475	139.97859177	1249.7867849
ROW 8	1296.62	1233	139.97859177	1249.7867849
ROW 8	1296.62	1303	139.97859177	1249.7867849
ROW 8	1296.62	1315	139.97859177	1249.7867849
ROW 8	1296.62	1474	139.97859177	1249.7867849
ROW 8	1296.62	1512	139.97859177	1249.7867849
ROW 9	1296.62	1275	139.97859177	1249.7867849

EXTENSION OF ICE CONDENSER WEIGHING PERIOD BASED
ON PREDICTED GROUP-ROW AND BAY SUBLIMATION RATES

Sheet 91 of 116
Prepared By/Date W. B. 8/5/88
Reviewed By/Date J. T. 8/8/88
Sequoyah -- Unit 2

TABLE 6.1 (CONT)

STANDARD DEVIATION AND 95th PERCENTILE FOR 09-04-87

	AVERAGE WEIGHT (FOR BAY/BASKET)	BASKET WEIGHT (in lbs.)	STANDARD DEVIATION s	95th %
BAY 1				
ROW 1	1318.50	1263	65.7655	1264.4000
ROW 2	1318.50	1378	65.7655	1264.4000
ROW 4	1318.50	1366	65.7655	1264.4000
ROW 6	1318.50	1263	65.7655	1264.4000
ROW 8	1318.50	1390	65.7655	1264.4000
ROW 9	1318.50	1251	65.7655	1264.4000
BAY 2				
ROW 1	1389.33	1326	50.1504	1348.0752
ROW 2	1389.33	1445	50.1504	1348.0752
ROW 4	1389.33	1384	50.1504	1348.0752
ROW 6	1389.33	1428	50.1504	1348.0752
ROW 8	1389.33	1419	50.1504	1348.0752
ROW 9	1389.33	1334	50.1504	1348.0752
BAY 3				
ROW 1	1427.17	1490	119.2852	1329.0435
ROW 2	1427.17	1554	119.2852	1329.0435
ROW 4	1427.17	1214	119.2852	1329.0435
ROW 6	1427.17	1376	119.2852	1329.0435
ROW 8	1427.17	1476	119.2852	1329.0435
ROW 8	1427.17	1453	119.2852	1329.0435
BAY 4				
ROW 1	1433.33	1416	92.2034	1357.4816
ROW 2	1433.33	1503	92.2034	1357.4816
ROW 4	1433.33	1268	92.2034	1357.4816
ROW 6	1433.33	1410	92.2034	1357.4816
ROW 8	1433.33	1492	92.2034	1357.4816
ROW 9	1433.33	1511	92.2034	1357.4816

EXTENSION OF ICE CONDENSER WEIGHING PERIOD BASED
ON PREDICTED GROUP-ROW AND BAY SUBLIMATION RATES

Sheet 92 of 116
Prepared By/Date ~~688~~ 8/5/88
Reviewed By/Date ~~8/5/84~~
Sequoyah -- Unit 2

TABLE 6.1 (CONT)

STANDARD DEVIATION AND 95th PERCENTILE FOR 09-04-87

	AVERAGE WEIGHT (FOR BAY/BASKET)	BASKET WEIGHT (in lbs.)	STANDARD DEVIATION s	95th %
BAY 5				
ROW 1	1371.50	1267	57.9163	1323.8569
ROW 2	1371.50	1420	57.9163	1323.8569
ROW 4	1371.50	1347	57.9163	1323.8569
ROW 6	1371.50	1419	57.9163	1323.8569
ROW 8	1371.50	1395	57.9163	1323.8569
ROW 9	1371.50	1381	57.9163	1323.8569
BAY 6				
ROW 1	1464.67	1410	54.7126	1419.6623
ROW 2	1464.67	1485	54.7126	1419.6623
ROW 4	1464.67	1392	54.7126	1419.6623
ROW 6	1464.67	1462	54.7126	1419.6623
ROW 8	1464.67	1531	54.7126	1419.6623
ROW 9	1464.67	1508	54.7126	1419.6623
BAY 7				
ROW 1	1465.00	1513	65.0907	1411.4551
ROW 2	1465.00	1499	65.0907	1411.4551
ROW 4	1465.00	1356	65.0907	1411.4551
ROW 6	1465.00	1454	65.0907	1411.4551
ROW 8	1465.00	1534	65.0907	1411.4551
ROW 9	1465.00	1434	65.0907	1411.4551
BAY 8				
ROW 1	1327.67	1392	54.2979	1283.0034
ROW 2	1327.67	1262	54.2979	1283.0034
ROW 4	1327.67	1289	54.2979	1283.0034
ROW 6	1327.67	1350	54.2979	1283.0034
ROW 8	1327.67	1291	54.2979	1283.0034
ROW 9	1327.67	1382	54.2979	1283.0034

EXTENSION OF ICE CONDENSER WEIGHING PERIOD BASED
ON PREDICTED GROUP-ROW AND BAY SUBLIMATION RATES

Sheet 93 of 116
Prepared By/Date W. J. 8/5/88
Reviewed By/Date L. J. 8/5/88
Sequoyah -- Unit 2

TABLE 6-1 (CONT)

STANDARD DEVIATION AND 95th PERCENTILE FOR 09-04-87

	AVERAGE WEIGHT (FOR BAY/BASKET)	BASKET WEIGHT (in lbs.)	STANDARD DEVIATION	95th %
<hr/>				
BAY 9				
ROW 1	1398.33	1304	74.8296	1336.7737
ROW 2	1398.33	1332	74.8296	1336.7737
ROW 4	1398.33	1414	74.8296	1336.7737
ROW 6	1398.33	1408	74.8296	1336.7737
ROW 8	1398.33	1517	74.8296	1336.7737
ROW 9	1398.33	1415	74.8296	1336.7737
BAY 10				
ROW 1	1363.92	1080	129.0655	1320.6874
ROW 1	1363.92	1093	129.0655	1320.6874
ROW 1	1363.92	1275	129.0655	1320.6874
ROW 1	1363.92	1374	129.0655	1320.6874
ROW 2	1363.92	1066	129.0655	1320.6874
ROW 2	1363.92	1314	129.0655	1320.6874
ROW 2	1363.92	1255	129.0655	1320.6874
ROW 2	1363.92	1284	129.0655	1320.6874
ROW 4	1363.92	1275	129.0655	1320.6874
ROW 4	1363.92	1341	129.0655	1320.6874
ROW 4	1363.92	1352	129.0655	1320.6874
ROW 4	1363.92	1362	129.0655	1320.6874
ROW 4	1363.92	1425	129.0655	1320.6874
ROW 4	1363.92	1400	129.0655	1320.6874
ROW 5	1363.92	1429	129.0655	1320.6874
ROW 6	1363.92	1452	129.0655	1320.6874
ROW 6	1363.92	1415	129.0655	1320.6874
ROW 6	1363.92	1436	129.0655	1320.6874
ROW 6	1363.92	1461	129.0655	1320.6874
ROW 6	1363.92	1474	129.0655	1320.6874
ROW 8	1363.92	1518	129.0655	1320.6874
ROW 8	1363.92	1453	129.0655	1320.6874
ROW 8	1363.92	1447	129.0655	1320.6874
ROW 8	1363.92	1484	129.0655	1320.6874
ROW 8	1363.92	1518	129.0655	1320.6874

EXTENSION OF ICE CONDENSER WEIGHING PERIOD BASED
ON PREDICTED GROUP-ROW AND BAY SUBLIMATION RATES

Sheet 94 of 116
Prepared By/Date CP 8/5/68
Reviewed By/Date LT 8/18/68
Sequoyah -- Unit 2

TABLE 6.1 (CONT)

STANDARD DEVIATION AND 95th PERCENTILE FOR 09-04-87

	AVERAGE WEIGHT (FOR BAY/BASKET)	BASKET WEIGHT (in lbs.)	STANDARD DEVIATION S	95th %
ROW 9	1363.92	1479	129.0655	1320.6874
BAY 11				
ROW 1	1426.00	1352	52.5814	1382.7455
ROW 2	1426.00	1431	52.5814	1382.7455
ROW 4	1426.00	1371	52.5814	1382.7455
ROW 6	1426.00	1461	52.5814	1382.7455
ROW 8	1426.00	1478	52.5814	1382.7455
ROW 9	1426.00	1463	52.5814	1382.7455
BAY 12				
ROW 1	1405.00	1344	91.9369	1329.3708
ROW 2	1405.00	1321	91.9369	1329.3708
ROW 4	1405.00	1313	91.9369	1329.3708
ROW 6	1405.00	1451	91.9369	1329.3708
ROW 8	1405.00	1464	91.9369	1329.3708
ROW 9	1405.00	1537	91.9369	1329.3708
BAY 13				
ROW 1	1397.67	1418	70.7578	1339.4632
ROW 2	1397.67	1513	70.7578	1339.4632
ROW 4	1397.67	1425	70.7578	1339.4632
ROW 6	1397.67	1348	70.7578	1339.4632
ROW 8	1397.67	1370	70.7578	1339.4632
ROW 9	1397.67	1312	70.7578	1339.4632
BAY 14				
ROW 1	1392.83	1339	84.6650	1323.1828
ROW 2	1392.83	1459	84.6650	1323.1828
ROW 4	1392.83	1299	84.6650	1323.1828
ROW 6	1392.83	1403	84.6650	1323.1828
ROW 8	1392.83	1336	84.6650	1323.1828

EXTENSION OF ICE CONDENSER WEIGHING PERIOD BASED
ON PREDICTED GROUP-ROW AND BAY SUBLIMATION RATES

Sheet 95 of 116
Prepared By/Date W. J. B. 8/5/88
Reviewed By/Date ET 6/8/88
Sequoyah -- Unit 2

TABLE 6.1 (CONT)

STANDARD DEVIATION AND 95th PERCENTILE FOR 09-04-87

	AVERAGE WEIGHT (FOR BAY/BASKET)	BASKET WEIGHT (in lbs.)	STANDARD DEVIATION S	95th %
ROW 9	1392.83	1521	84.6650	1323.1828
BAY 15				
ROW 1	1377.33	1205	100.2450	1294.8664
ROW 2	1377.33	1385	100.2450	1294.8664
ROW 4	1377.33	1325	100.2450	1294.8664
ROW 6	1377.33	1414	100.2450	1294.8664
ROW 8	1377.33	1459	100.2450	1294.8664
ROW 9	1377.33	1476	100.2450	1294.8664
BAY 16				
ROW 1	1473.67	1613	93.0219	1397.1483
ROW 2	1473.67	1502	93.0219	1397.1483
ROW 4	1473.67	1330	93.0219	1397.1483
ROW 6	1473.67	1444	93.0219	1397.1483
ROW 8	1473.67	1449	93.0219	1397.1483
ROW 9	1473.67	1504	93.0219	1397.1483
BAY 17				
ROW 1	1347.23	1339	62.8422	1326.1800
ROW 2	1347.23	1290	62.8422	1326.1800
ROW 2	1347.23	1390	62.8422	1326.1800
ROW 2	1347.23	1358	62.8422	1326.1800
ROW 2	1347.23	1364	62.8422	1326.1800
ROW 4	1347.23	1331	62.8422	1326.1800
ROW 4	1347.23	1301	62.8422	1326.1800
ROW 4	1347.23	1241	62.8422	1326.1800
ROW 4	1347.23	1330	62.8422	1326.1800
ROW 4	1347.23	1304	62.8422	1326.1800
ROW 4	1347.23	1342	62.8422	1326.1800
ROW 4	1347.23	1346	62.8422	1326.1800
ROW 6	1347.23	1391	62.8422	1326.1800
ROW 6	1347.23	1377	62.8422	1326.1800

EXTENSION OF ICE CONDENSER WEIGHING PERIOD BASED
ON PREDICTED GROUP-ROW AND BAY SUBLIMATION RATES

Sheet 96 of 116
Prepared By/Date *LT 5/5/88*
Reviewed By/Date *LT 5/5/89*
Sequoyah -- Unit 2

TABLE 6.1 (CONT)

STANDARD DEVIATION AND 95th PERCENTILE FOR 09-04-87

	AVERAGE WEIGHT (FOR BAY/BASKET)	BASKET WEIGHT (in lbs.)	STANDARD DEVIATION s	95th %
ROW 6	1347.23	1372	62.8422	1326.1800
ROW 6	1347.23	1367	62.8422	1326.1800
ROW 6	1347.23	1429	62.8422	1326.1800
ROW 6	1347.23	1390	62.8422	1326.1800
ROW 6	1347.23	1409	62.8422	1326.1800
ROW 6	1347.23	1419	62.8422	1326.1800
ROW 6	1347.23	1429	62.8422	1326.1800
ROW 8	1347.23	1356	62.8422	1326.1800
ROW 8	1347.23	1372	62.8422	1326.1800
ROW 8	1347.23	1341	62.8422	1326.1800
ROW 8	1347.23	1310	62.8422	1326.1800
ROW 9	1347.23	1130	62.8422	1326.1800
BAY 18				
ROW 1	1420.67	1277	83.5193	1351.9654
ROW 2	1420.67	1425	83.5193	1351.9654
ROW 4	1420.67	1415	83.5193	1351.9654
ROW 6	1420.67	1457	83.5193	1351.9654
ROW 8	1420.67	1534	83.5193	1351.9654
ROW 9	1420.67	1416	83.5193	1351.9654
BAY 19				
ROW 1	1401.00	1377	73.8512	1340.2485
ROW 2	1401.00	1292	73.8512	1340.2485
ROW 4	1401.00	1349	73.8512	1340.2485
ROW 6	1401.00	1455	73.8512	1340.2485
ROW 8	1401.00	1449	73.8512	1340.2485
ROW 9	1401.00	1484	73.8512	1340.2485
BAY 20				
ROW 1	1351.83	1300	68.3035	1295.6422
ROW 2	1351.83	1379	68.3035	1295.6422
ROW 4	1351.83	1293	68.3035	1295.6422

EXTENSION OF ICE CONDENSER WEIGHING PERIOD BASED
ON PREDICTED GROUP-ROW AND BAY SUBLIMATION RATES

Sheet 97 of 116
Prepared By/Date *W. J. 6/5/88*
Reviewed By/Date *LT 5/5/88*
Sequoyah -- Unit 2

TABLE 6.1 (CONT)

STANDARD DEVIATION AND 95th PERCENTILE FOR 09-04-87

	AVERAGE WEIGHT (FOR BAY/BASKET)	BASKET WEIGHT (in lbs.)	STANDARD DEVIATION S	95th %
ROW 6	1351.83	1398	68.3035	1295.6422
ROW 8	1351.83	1453	68.3035	1295.6422
ROW 9	1351.83	1288	68.3035	1295.6422
BAY 21				
ROW 1	1370.33	1378	58.4180	1322.2741
ROW 2	1370.33	1375	58.4180	1322.2741
ROW 4	1370.33	1395	58.4180	1322.2741
ROW 6	1370.33	1408	58.4180	1322.2741
ROW 8	1370.33	1411	58.4180	1322.2741
ROW 9	1370.33	1255	58.4180	1322.2741
BAY 22				
ROW 1	1333.00	1375	60.2262	1283.4567
ROW 2	1333.00	1268	60.2262	1283.4567
ROW 4	1333.00	1266	60.2262	1283.4567
ROW 6	1333.00	1405	60.2262	1283.4567
ROW 8	1333.00	1376	60.2262	1283.4567
ROW 9	1333.00	1308	60.2262	1283.4567
BAY 23				
ROW 1	1360.00	1357	93.1343	1283.3858
ROW 2	1360.00	1250	93.1343	1283.3858
ROW 4	1360.00	1254	93.1343	1283.3858
ROW 6	1360.00	1396	93.1343	1283.3858
ROW 8	1360.00	1483	93.1343	1283.3858
ROW 9	1360.00	1420	93.1343	1283.3858
BAY 24				
ROW 1	1384.17	1312	104.0815	1298.5504
ROW 2	1384.17	1477	104.0815	1298.5504
ROW 4	1384.17	1253	104.0815	1298.5504

EXTENSION OF ICE CONDENSER WEIGHING PERIOD BASED
ON PREDICTED GROUP-ROW AND BAY SUBLIMATION RATES

Sheet 98 of 116
Prepared By/Date CT 2/5/68
Reviewed By/Date FT 5/5/68
Sequoyah -- Unit 2

TABLE 6.1 (CONT)

STANDARD DEVIATION AND 95th PERCENTILE FOR 09-04-87

	AVERAGE WEIGHT (FOR BAY/BASKET)	BASKET WEIGHT (in lbs.)	STANDARD DEVIATION S	95th %
ROW 6	1384.17	1313	104.0815	1298.5504
ROW 8	1384.17	1447	104.0815	1298.5504
ROW 9	1384.17	1503	104.0815	1298.5504

EXTENSION OF ICE CONDENSER WEIGHING PERIOD BASED
ON PREDICTED GROUP-ROW AND BAY SUBLIMATION RATES

Sheet 99 of 116
Prepared By/Date BT 8/6/88
Reviewed By/Date BT 8/4/88
Sequoyah -- Unit 2

TABLE 6.2: SUBLIMATION RATES PER GROUP-ROW
COMBINATION OVER VARIOUS TIME INTERVALS
(1 OF 5)

May 26, 1982 to Nov. 20, 1982

	Beginning weight (W_1) (95% low limit)	Ending Weight (W_2) (95% low limit)	Time (T)	Melt Rate $R = (W_1 - W_2) / T$	% Weight Diff. $((W_1 - W_2) / W_1) * 100$	% Weight Diff/day % Weight Diff / T
Group 1						
Row 1	1361.23	1225.13	178	0.76460674	9.9983%	0.0562%
Row 2	1395.04	1247.16	178	0.83078652	10.6004%	0.0596%
Row 4	1423.58	1395.42	178	0.15820225	1.9781%	0.0111%
Row 6	1416.18	1424.63	178	-0.04747191	-0.5967%	-0.0034%
Row 8	1461.83	1429.73	178	0.18033708	2.1959%	0.0123%
Row 9	1424.91	1398.10	178	0.15061793	1.8815%	0.0106%
Group 2						
Row 1	1353.04	1353.22	178	-0.00101124	-0.0133%	-0.0001%
Row 2	1418.73	1338.15	178	0.45269663	5.6797%	0.0319%
Row 4	1499.42	1486.97	178	0.06994382	0.8303%	0.0047%
Row 6	1487.45	1525.84	178	-0.21567416	-2.5809%	-0.0145%
Row 8	1471.46	1455.45	178	0.08994382	1.0880%	0.0061%
Row 9	1424.29	1475.56	178	-0.28803371	-3.5997%	-0.0202%
Group 3						
Row 1	1377.10	1281.44	178	0.53741573	6.9465%	0.0390%
Row 2	1388.22	1300.05	178	0.49533708	6.3513%	0.0357%
Row 4	1454.56	1444.56	178	0.05617978	0.6875%	0.0039%
Row 6	1464.06	1457.73	178	0.03556180	0.4324%	0.0024%
Row 8	1466.87	1451.50	178	0.08634831	1.0478%	0.0059%
Row 9	1472.41	1490.29	178	-0.10044944	-1.2143%	-0.0068%

EXTENSION OF ICE CONDENSER WEIGHING PERIOD BASED
ON PREDICTED GROUP-ROW AND BAY SUBLIMATION RATES

Sheet 100 of 116
Prepared By/Date 8/8/88
Reviewed By/Date 8/8/88
Sequoyah -- Unit 2

TABLE 62: SUBLIMATION RATES PER GROUP-ROW COMBINATION
OVER VARIOUS TIME INTERVALS (CONT)
(2 OF 5)

Dec. 21, 1982 to July 28, 1983

	Beginning weight (95% low limit)	Ending Weight (95% low limit)	Time T	Melt Rate $R = (W1 - W2) / T$	% Weight Diff. $((W1 - W2) / W1) * 100$	% Weight Diff/day $\% \text{ Weight Diff} / T$
Group 1						
Row 1	1266.50	1141.45	219	0.57100457	9.8737%	0.0451%
Row 2	1235.09	1173.50	219	0.28123288	4.9867%	0.0228%
Row 4	1385.52	1327.87	219	0.26324201	4.1609%	0.0190%
Row 6	1400.05	1370.34	219	0.13566210	2.1221%	0.0097%
Row 8	1397.63	1395.41	219	0.01013699	0.1588%	0.0007%
Row 9	1349.53	1383.30	219	-0.15420091	-2.5024%	-0.0114%
Group 2						
Row 1	1251.81	1257.90	219	-0.00041096	-0.0072%	-0.0000%
Row 2	1322.55	1337.62	219	-0.06881279	-1.1395%	-0.0052%
Row 4	1410.24	1432.37	219	-0.10105023	-1.5692%	-0.0072%
Row 6	1454.16	1486.01	219	-0.14589041	-2.1973%	-0.0100%
Row 8	1371.18	1406.70	219	-0.15945205	-2.5456%	-0.0116%
Row 9	1382.28	1430.23	219	-0.21894977	-3.4689%	-0.0158%
Group 3						
Row 1	1274.20	1226.19	219	0.21922374	3.7679%	0.0172%
Row 2	1340.65	1247.07	219	0.42730594	6.9802%	0.0319%
Row 4	1413.99	1400.35	219	0.06228311	0.9646%	0.0044%
Row 6	1449.95	1472.15	219	-0.10136986	-1.5311%	-0.0070%
Row 8	1422.27	1454.18	219	-0.14570776	-2.2436%	-0.0102%
Row 9	1431.55	1477.79	219	-0.21114155	-3.2301%	-0.0147%

EXTENSION OF ICE CONDENSER WEIGHING PERIOD BASED
ON PREDICTED GROUP-ROW AND BAY SUBLIMATION RATES

Sheet 101 of 116
Prepared By/Date BBB 6/6/88
Reviewed By/Date J-T 8/8/88
Sequoyah -- Unit 2

TABLE 6.2: SUBLIMATION RATES PER GROUP-ROW COMBINATION
OVER VARIOUS TIME INTERVALS (CONT)
(3 of 5)

Sept. 21, 1983 to Oct 11, 1984

	Beginning weight (95% $\frac{W1}{row \cdot row \cdot T}$)	Ending Weight (95% $\frac{W2}{row \cdot row \cdot T}$)	Time T	Melt Rate $R=(W1-W2)/T$	% Weight Diff. $((W1-W2)/W1)*100$	% Weight Diff/day % Weight Diff/ T
Group 1						
Row 1	1323.45	1186.32	386	0.35525907	10.3616%	0.0268%
Row 2	1342.63	1255.33	386	0.22616580	6.5022%	0.0168%
Row 4	1372.68	1311.67	386	0.15805699	4.4446%	0.0115%
Row 6	1419.21	1407.07	386	0.03145078	0.8554%	0.0022%
Row 8	1424.70	1403.83	386	0.05406736	1.4649%	0.0038%
Row 9	1342.95	1311.41	386	0.08170984	2.3486%	0.0061%
Group 2						
Row 1	1299.06	1154.67	386	0.37406736	11.1150%	0.0288%
Row 2	1321.16	1234.97	386	0.22329016	6.5238%	0.0169%
Row 4	1413.89	1350.37	386	0.16455959	4.4926%	0.0116%
Row 6	1443.68	1405.57	386	0.09873057	2.6398%	0.0068%
Row 8	1436.91	1402.17	386	0.09000000	2.4177%	0.0063%
Row 9	1372.74	1336.58	386	0.09367876	2.6341%	0.0068%
Group 3						
Row 1	1268.32	1177.37	386	0.23562176	7.1709%	0.0186%
Row 2	1294.69	1177.02	386	0.30484456	9.0887%	0.0235%
Row 4	1421.08	1355.41	386	0.17012953	4.6211%	0.0120%
Row 6	1447.66	1425.08	386	0.05849741	1.5598%	0.0040%
Row 8	1431.97	1409.28	386	0.05878238	1.5845%	0.0041%
Row 9	1458.75	1365.36	386	0.24194301	6.4021%	0.0166%

EXTENSION OF ICE CONDENSER WEIGHING PERIOD BASED
ON PREDICTED GROUP-ROW AND BAY SUBLIMATION RATES

Sheet 102 of 116
Prepared By/Date ~~SS~~ 8/6/86
Reviewed By/Date ~~SS~~ 8/8/86
Sequoyah -- Unit 2

TABLE 6.2: SUBLIMATION RATES PER GROUP-ROW COMBINATION
OVER VARIOUS TIME INTERVALS (CONT)
(4 OF 5)

Nov. 26, 1984 to Sept 13, 1985

	Beginning weight W1 (95% low limit)	Ending Weight W2 (95% low limit)	Time T	Melt Rate R=(W1-W2)/T	% Weight Diff. ((W1-W2)/W1)*100	% Weight Diff/day % Weight Diff / T
Group 1						
Row 1	1273.29	1162.97	291	0.37910653	8.6642%	0.0298%
Row 2	1279.65	1199.88	291	0.27412371	6.2337%	0.0214%
Row 4	1288.01	1213.95	291	0.25450172	5.7500%	0.0198%
Row 6	1366.12	1340.87	291	0.08676976	1.8483%	0.0064%
Row 8	1397.51	1367.03	291	0.10474227	2.1810%	0.0075%
Row 9	1350.16	1346.90	291	0.01120275	0.2415%	0.0008%
Group 2						
Row 1	1279.29	1277.42	291	0.00642612	0.1462%	0.0005%
Row 2	1315.23	1223.72	291	0.31446735	6.9577%	0.0239%
Row 4	1328.07	1328.82	291	-0.00257732	-0.0565%	-0.0002%
Row 6	1366.41	1366.47	291	-0.00020619	-0.0044%	-0.0000%
Row 8	1378.39	1400.62	291	-0.07639175	-1.6128%	-0.0055%
Row 9	1364.44	1376.57	291	-0.04168385	-0.8890%	-0.0031%
Group 3						
Row 1	1328.59	1169.15	291	0.54790378	12.0007%	0.0412%
Row 2	1330.52	1358.06	291	-0.09463918	-2.0699%	-0.0071%
Row 4	1340.84	1340.64	291	0.00068729	0.0149%	0.0001%
Row 6	1386.96	1430.13	291	-0.14835052	-3.1126%	-0.0107%
Row 8	1393.05	1442.99	291	-0.17161512	-3.5849%	-0.0123%
Row 9	1387.61	1362.76	291	0.08539519	1.7908%	0.0062%

EXTENSION OF ICE CONDENSER WEIGHING PERIOD BASED
ON PREDICTED GROUP-ROW AND BAY SUBLIMATION RATES

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Prepared By/Date BSR 8/6/88
Reviewed By/Date LT 8/8/89
Sequoyah - Unit 2

TABLE 6.2: SUBLIMATION RATES PER GROUP-ROW COMBINATION
OVER VARIOUS TIME INTERVALS (CONT)
(5 of 5)

Sept. 13, 1985 to July 5, 1987

	Beginning weight W_1 (95% low limit)	Ending Weight W_2 (95% low limit)	Time T	Melt Rate $R=(W_1-W_2)/T$	% Weight Diff. $((W_1-W_2)/W_1)*100$	% Weight Diff/day % Weight Diff/ T
Group 1						
Row 1	1162.97	1144.09	660	0.02860606	1.6234%	0.0025%
Row 2	1199.88	1259.37	660	-0.09013636	-4.9580%	-0.0075%
Row 4	1213.95	1300.58	660	-0.13125758	-7.1362%	-0.0108%
Row 6	1340.87	1334.76	660	0.00925758	0.4557%	0.0007%
Row 8	1367.03	1280.70	660	0.13080303	6.3152%	0.0096%
Row 9	1346.90	1300.01	660	0.07104545	3.4813%	0.0053%
Group 2						
Row 1	1277.42	1196.89	660	0.12201515	6.3041%	0.0096%
Row 2	1223.72	1248.22	660	-0.03712121	-2.0021%	-0.0030%
Row 4	1328.82	1305.46	660	0.03539394	1.7580%	0.0027%
Row 6	1366.47	1408.96	660	-0.06437879	-3.1095%	-0.0047%
Row 8	1400.62	1363.35	660	0.05646970	2.6610%	0.0040%
Row 9	1376.57	1266.60	660	0.16662121	7.9887%	0.0121%
Group 3						
Row 1	1169.15	1169.17	660	-0.00003030	-0.0017%	-0.0000%
Row 2	1358.06	1303.29	660	0.08298485	4.0330%	0.0061%
Row 4	1340.64	1302.36	660	0.05800000	2.8554%	0.0043%
Row 6	1430.13	1333.99	660	0.14566667	6.7225%	0.0102%
Row 8	1442.99	1351.92	660	0.13798485	6.3112%	0.0096%
Row 9	1362.76	1309.85	660	0.08016667	3.8826%	0.0059%

EXTENSION OF ICE CONDENSER WEIGHING PERIOD BASED
ON PREDICTED GROUP-ROW AND BAY SUBLIMATION RATES

Sheet 104 of 116
Prepared By/Date 8/6/88
Reviewed By/Date 8/8/89
Sequoyah -- Unit 2

TABLE 6.2³: SUBLIMATION RATES PER BAY OVER
VARIOUS TIME INTERVALS
(1 OF 5)
BSS
8/6/88

May 26, 1982 to Nov. 20, 1982

	Beginning weight W1 (95% low limit)	Ending Weight W2 (95% low limit)	Time T	Melt Rate R=(W1-W2)/T	% Weight Diff. ((W1-W2)/W1)*100	% Weight Diff/day % Weight Diff/ T
BAY 1	1333.0270	1288.4242	178	0.25057753	3.3460%	0.0188%
BAY 2	1349.8548	1301.0706	178	0.27406854	3.6140%	0.0203%
BAY 3	1402.6737	1366.5325	178	0.20304045	2.5766%	0.0145%
BAY 4	1474.1499	1400.2111	178	0.41538652	5.0157%	0.0282%
BAY 5	1430.3790	1358.4848	178	0.40390000	5.0262%	0.0282%
BAY 6	1447.3256	1421.4073	178	0.14560843	1.7908%	0.0101%
BAY 7	1447.3387	1433.4651	178	0.07794157	0.9586%	0.0054%
BAY 8	1388.4905	1350.2667	178	0.21474045	2.7529%	0.0155%
BAY 9	1401.2559	1381.9774	178	0.10830618	1.3758%	0.0077%
BAY 10	1419.0964	1381.2517	178	0.21261067	2.6668%	0.0150%
BAY 11	1442.8457	1412.0397	178	0.17306742	2.1351%	0.0120%
BAY 12	1449.7221	1406.5015	178	0.24281236	2.9813%	0.0167%
BAY 13	1388.2121	1418.9533	178	-0.17270337	-2.2144%	-0.0124%
BAY 14	1393.6170	1391.6348	178	0.01113596	0.1422%	0.0008%
BAY 15	1391.5981	1357.8691	178	0.18948876	2.4238%	0.0136%
BAY 16	1427.7151	1428.8678	178	-0.00647584	-0.0807%	-0.0005%
BAY 17	1444.4185	1380.1892	173	0.36083876	4.4467%	0.0250%
BAY 18	1437.3034	1374.7250	178	0.35156404	4.3539%	0.0245%
BAY 19	1413.4871	1396.4574	178	0.09567247	1.2048%	0.0068%
BAY 20	1383.4839	1378.8652	173	0.02594775	0.3338%	0.0019%
BAY 21	1489.1838	1412.7605	178	0.42934438	5.1319%	0.0288%
BAY 22	1424.8898	1420.5952	178	0.02412697	0.3014%	0.0017%
BAY 23	1378.4879	1325.8399	178	0.29577528	3.8193%	0.0215%
BAY 24	1403.3632	1315.7558	178	0.49217640	6.2427%	0.0351%

EXTENSION OF ICE CONDENSER WEIGHING PERIOD BASED
ON PREDICTED GROUP-ROW AND BAY SUBLIMATION RATES

Sheet 105 of 116
Prepared By/Date BSS 8/6/88
Reviewed By/Date LT 8/10/88
Sequoyah -- Unit 2

TABLE 6.3 : SUBLIMATION RATES PER BAY OVER
VARIOUS TIME INTERVALS (CONT.)
(2 OF 5)

Dec. 21, 1982 to July 28, 1983

	Beginning weight W1 (95% low limit)	Ending Weight W2 (95% low limit)	Time T	Melt Rate $R = (W1 - W2) / T$	% Weight Diff. $((W1 - W2) / W1) * 100$	% Weight Diff./day % Weight Diff. / T
BAY 1	1305.5601	1252.4127	219	0.24268219	4.0709%	0.0185%
BAY 2	1325.9965	1274.4683	219	0.23528858	3.8860%	0.0177%
BAY 3	1404.7372	1270.9647	219	0.61083333	9.5230%	0.0435%
BAY 4	1390.5905	1388.4200	219	0.00991096	0.1561%	0.0007%
BAY 5	1348.1338	1335.9301	219	0.05572466	0.9052%	0.0041%
BAY 6	1374.4826	1412.2898	219	-0.17263562	-2.7506%	-0.0126%
BAY 7	1388.9544	1410.1980	219	-0.09700274	-1.5295%	-0.0070%
BAY 8	1324.9339	1372.9071	219	-0.21905571	-3.6208%	-0.0165%
BAY 9	1429.1538	1419.8345	219	0.04255298	0.6521%	0.0030%
BAY 10	1365.1637	1402.9735	219	-0.17264749	-2.7696%	-0.0126%
BAY 11	1383.5644	1433.8480	219	-0.22960548	-3.6344%	-0.0166%
BAY 12	1386.3299	1395.8102	219	-0.04328904	-0.6838%	-0.0031%
BAY 13	1317.9188	1314.9977	219	0.01333836	0.2216%	0.0010%
BAY 14	1346.7932	1368.5260	219	-0.09923653	-1.6137%	-0.0074%
BAY 15	1413.8192	1374.6601	219	0.17880868	2.7697%	0.0126%
BAY 16	1304.7366	1310.0853	219	-0.02442329	-0.4099%	-0.0019%
BAY 17	1348.5872	1364.8860	219	-0.07442374	-1.2086%	-0.0055%
BAY 18	1382.5402	1421.6827	219	-0.17873288	-2.8312%	-0.0129%
BAY 19	1346.7187	1307.3504	219	0.17976393	2.9233%	0.0133%
BAY 20	1313.4588	1306.9813	219	0.02957763	0.4932%	0.0023%
BAY 21	1417.1229	1417.5846	219	-0.00210822	-0.0326%	-0.0001%
BAY 22	1435.1161	1389.1503	219	0.20988950	3.2029%	0.0146%
BAY 23	1344.2275	1396.8743	219	-0.24039635	-3.9165%	-0.0179%
BAY 24	1417.5075	1274.0910	219	0.65486986	10.1175%	0.0462%

EXTENSION OF ICE CONDENSER WEIGHING PERIOD BASED
ON PREDICTED GROUP-ROW AND BAY SUBLIMATION RATES

Sheet 106 of 116
Prepared By/Date BSE 8/6/88
Reviewed By/Date AT 8/8/88
Sequoyah -- Unit 2

TABLE 6.3: SUBLIMATION RATES PER BAY OVER
VARIOUS TIME INTERVALS (CONT)
(3 of 5)

Sept. 21, 1983 to Oct 11, 1984

	Beginning weight W_1 (95% low limit)	Ending Weight W_2 (95% low limit)	Time T	Melt Rate $R=(W_1-W_2)/T$	% Weight Diff. $((W_1-W_2)/W_1)*100$	% Weight Diff/day % Weight Diff/ T
BAY 1	1316.6619	1264.9884	386	0.13386917	3.9246%	0.0102%
BAY 2	1287.7753	1301.2406	386	-0.0228420	-1.0456%	-0.0027%
BAY 3	1389.2402	1312.8140	386	0.19799534	5.5013%	0.0143%
BAY 4	1378.6775	1376.4045	386	0.00588860	0.1649%	0.0004%
BAY 5	1385.1621	1323.4176	386	0.14700648	4.0966%	0.0106%
BAY 6	1382.4783	1282.0926	386	0.26006658	7.2613%	0.0188%
BAY 7	1394.0580	1363.3283	386	0.07961062	2.2043%	0.0057%
BAY 8	1330.8545	1271.0298	386	0.15498627	4.4952%	0.0116%
BAY 9	1375.1369	1366.7417	386	0.02174922	0.6105%	0.0016%
BAY 10	1354.6488	1283.7719	386	0.18361891	5.2321%	0.0136%
BAY 11	1394.9801	1358.1635	386	0.09537979	2.6392%	0.0068%
BAY 12	1364.2339	1367.5300	386	-0.00853912	-0.2416%	-0.0006%
BAY 13	1377.6983	1272.9554	386	0.27135466	7.6027%	0.0197%
BAY 14	1297.0579	1286.2457	386	0.02801088	0.8336%	0.0022%
BAY 15	1338.1111	1361.6691	386	-0.06103109	-1.7605%	-0.0046%
BAY 16	1347.6877	1315.3087	386	0.08388342	2.4026%	0.0062%
BAY 17	1304.6312	1291.9274	386	0.03291140	0.9737%	0.0025%
BAY 18	1369.1496	1355.3883	386	0.03565104	1.0051%	0.0026%
BAY 19	1323.7317	1378.5056	386	-0.14190130	-4.1378%	-0.0107%
BAY 20	1371.1487	1299.8098	386	0.18481580	5.2029%	0.0135%
BAY 21	1396.5954	1300.9688	386	0.24773731	6.8471%	0.0177%
BAY 22	1341.3480	1309.5959	386	0.08225933	2.3672%	0.0061%
BAY 23	1399.8968	1345.3210	386	0.14138808	3.8986%	0.0101%
BAY 24	1393.9324	1313.5925	386	0.20813446	5.7635%	0.0149%

EXTENSION OF ICE CONDENSER WEIGHING PERIOD BASED
ON PREDICTED GROUP-ROW AND BAY SUBLIMATION RATES

Sheet 107 of 116
Prepared By/Date 288 8/6/88
Reviewed By/Date 17 8/8/84
Sequoyah -- Unit 2

TABLE 6.3: SUBLIMATION RATES PER BAY OVER
VARIOUS TIME INTERVALS (CONT)
(4 of 5)

Nov. 26, 1984 to Sept 13, 1985

	Beginning weight W_1 (9590 / row limit)	Ending Weight W_2 (7590 / row limit)	Time T	Melt Rate $R = (W_1 - W_2) / T$	% Weight Diff. $((W_1 - W_2) / W_1) * 100$	% Weight Diff./day $\% \text{ Weight Diff.} / T$	
BAY 1	1231.8806	1238.9693	291	-0.02435979	-0.5754%	-0.0020%	
BAY 2	1290.6265	1222.7374	291	0.23329588	5.2602%	0.0181%	
BAY 3	1311.7321	1251.2295	291	0.20791271	4.6124%	0.0159%	
BAY 4	1337.1410	1305.3328	291	0.10930653	2.3788%	0.0082%	
BAY 5	1395.0453	1325.9967	291	0.23728041	4.9496%	0.0170%	
BAY 6	1338.1062	1346.2682	291	-0.02804811	-0.6100%	-0.0021%	
BAY 7	1348.8428	1398.3352	291	-0.17007698	-3.6692%	-0.0126%	
BAY 8	1242.8189	1296.3464	291	-0.18394330	-4.3069%	-0.0148%	
BAY 9	1288.4951	1333.5288	291	-0.15475498	-3.4951%	-0.0120%	
BAY 10	1335.0519	1346.7710	291	-0.04027182	-0.8778%	-0.0030%	
BAY 11	1332.5976	1332.5578	291	0.00013677	0.0030%	0.0000%	
BAY 12	1372.4429	1366.1807	291	0.02151959	0.4563%	0.0016%	
BAY 13	1311.2645	1293.8076	291	0.05998935	1.3313%	0.0046%	
BAY 14	1277.9737	1284.0288	291	-0.02080790	-0.4738%	-0.0016%	
BAY 15	1385.1023	1348.8984	291	0.12441203	2.6138%	0.0090%	
BAY 16	1332.4345	1372.7193	291	-0.13843574	-3.0234%	-0.0104%	
BAY 17	1301.3507	1272.7414	291	0.09831375	2.1984%	0.0076%	
BAY 18	1381.5550	1353.4040	291	0.09673883	2.0376%	0.0070%	
BAY 19	1367.3884	1311.0446	291	0.19362131	4.1205%	0.0142%	
BAY 20	1330.5586	1328.8563	291	0.00584983	0.1279%	0.0004%	
BAY 21	1305.3368	1327.9433	291	-0.07718557	-1.7319%	-0.0060%	
BAY 22	1352.9379	1353.6094	291	-0.00021881	-0.0003%	-0.0000%	
BAY 23	1373.7763	1331.7534	291	0.14440859	3.0589%	0.0105%	NEGATIVE DIFFERENCE
BAY 24	1371.0250	1396.6345	291	-0.08800515	-1.8679%	-0.0064%	

EXTENSION OF ICE CONDENSER WEIGHING PERIOD BASED
ON PREDICTED GROUP-ROW AND BAY SUBLIMATION RATES

Sheet 108 of 116
Prepared By/Date RLB 8/6/94
Reviewed By/Date 1-7 v/r/vy
Sequoyah -- Unit 2

TABLE 6.3 : SUBLIMATION RATES PER BAY OVER
VARIOUS TIME INTERVALS (CNT)
(5 of 5)

Sept. 13, 1985 to July 5, 1987

	Beginning weight W1 (95% low limit)	Ending Weight W2 (95% low limit)	Time T	Melt Rate R=(W1-W2)/T	% Weight Diff. (W1-W2)/W1*100	% Weight Diff./day % Weight Diff./ T
BAY 1	1238.9693	1211.5756	660	0.04150561	2.2110%	0.0034%
BAY 2	1222.7374	1295.4352	660	-0.11014818	-5.9455%	-0.0090%
BAY 3	1251.2295	1342.2890	660	-0.16827197	-8.8760%	-0.0134%
BAY 4	1305.3328	1295.8940	660	0.01430121	0.7231%	0.0011%
BAY 5	1325.9967	1306.4430	660	0.02962682	1.4746%	0.0022%
BAY 6	1346.2682	1354.2085	660	-0.01203076	-0.5898%	-0.0009%
BAY 7	1398.3352	1320.6079	660	0.11776864	5.5586%	0.0084%
BAY 8	1296.3464	1263.7102	660	0.04944879	2.5176%	0.0038%
BAY 9	1333.5288	1319.3431	660	0.02149348	1.0638%	0.0016%
BAY 10	1346.7710	1333.7417	660	0.01974136	0.9674%	0.0015%
BAY 11	1332.5578	1299.4001	660	0.05023894	2.4883%	0.0038%
BAY 12	1366.1807	1351.5506	660	0.02216682	1.0709%	0.0016%
BAY 13	1293.8076	1291.2288	660	0.00390727	0.1993%	0.0003%
BAY 14	1284.0288	1322.5187	660	-0.05831803	-2.9976%	-0.0045%
BAY 15	1348.8984	1259.9579	660	0.13475833	6.5936%	0.0100%
BAY 16	1372.7193	1341.7684	660	0.04689530	2.2547%	0.0034%
BAY 17	1272.7414	1316.0251	660	-0.06558136	-3.4038%	-0.0052%
BAY 18	1353.4040	1358.0394	660	-0.00702333	-0.3415%	-0.0005%
BAY 19	1311.0446	1402.1655	660	-0.13806197	-6.9503%	-0.0105%
BAY 20	1328.8543	1337.7715	660	-0.01350788	-0.6709%	-0.0010%
BAY 21	1327.9433	1325.3347	660	0.00395242	0.1264%	0.0003%
BAY 22	1353.6991	1323.4883	660	0.04577394	2.2317%	0.0034%
BAY 23	1331.7534	1323.4042	660	0.01265030	0.6269%	0.0009%
BAY 24	1396.6345	1249.7868	660	0.22249652	10.5144%	0.0159%

EXTENSION OF ICE CONDENSER WEIGHING PERIOD BASED
ON PREDICTED GROUP-ROW AND BAY SUBLIMATION RATES

Sheet 109 of 116
Prepared By/Date BBB 8/6/88
Reviewed By/Date 17 1/1/89
Sequoyah - Unit 2

THIS SHEET REPLACED BY SHEET 109.A
PER REVISION 1

TABLE 6.4: EXPECTED ICE WEIGHT, PER BASKET,
PER GROUP-ROW COMBINATION ON
JANUARY 19, 1989 AT A 95%
LEVEL OF CONFIDENCE

Sept 4, 1987 to Unknown

$$\frac{W_2 - W_3}{W_2} = DT = 1 - \frac{W_3}{W_2}$$

Beg weight W1	Melt Rate R (#/day)	Time TO (to 2-6-88)	Ending Weight W2=W1-(R*TO)	% Weight/day D	Days to 1200# Pounds on (from 2-6-88) 1-19-89 (348 days)
Group 1					
Row 1	1321.91	0.02860606	155	1317.43	0.0395%
Row 2	1382.09	0.00000000	155	1382.09	0.0302%
Row 4	1284.68	0.00000000	155	1284.68	0.0154%
Row 6	1351.63	0.00925758	155	1350.20	0.0046%
Row 8	1394.11	0.13080303	155	1373.84	0.0061%
Row 9	1331.52	0.07104545	155	1320.51	0.0044%
Group 2					
Row 1	1227.12	0.12201515	155	1208.21	0.0073%
Row 2	1280.74	0.00000000	155	1280.74	0.0182%
Row 4	1332.17	0.03539394	155	1326.68	0.0041%
Row 6	1412.47	0.00000000	155	1412.47	0.0017%
Row 8	1428.65	0.05666970	155	1419.90	0.0031%
Row 9	1415.29	0.16662121	155	1389.46	0.0017%
Group 3					
Row 1	1313.21	0.00000000	155	1313.21	0.0290%
Row 2	1313.49	0.08298485	155	1300.43	0.0228%
Row 4	1290.82	0.05800000	155	1281.83	0.0051%
Row 6	1385.49	0.14566667	155	1362.91	0.0016%
Row 8	1375.08	0.13798485	155	1353.69	0.0025%
Row 9	1265.13	0.08016667	155	1252.70	0.0057%

% Weight/day is the average rate
per group-row combination. (All
negative values on Table were
changed to zero for conservatism)

$$W_3 = W_2 (1 - 348 \times D)$$

EXTENSION OF ICE CONDENSER WEIGHING PERIOD BASED
ON PREDICTED GROUP-ROW AND BAY SUBLIMATION RATES

Sheet 109.A of 116
Prepared By/Date DAW 8/12/88
Reviewed By/Date L7 6/16/94
Sequoyah -- Unit 2

THIS SHEET ADDED BY REVISION 1

TABLE 6.4: EXPECTED ICE WEIGHT, PER BASKET, PER GROUP-ROW
COMBINATION ON JANUARY 22, 1989 AT A 95%
LEVEL OF CONFIDENCE

		Sept 4, 1987 to Unknown				(351 days)
Seg weight	Melt rate	Time TO	Ending Weight	% Weight/day		Pounds on
W1	R (#/day)	(to 2-6-88)	W2=W1-(R0*TO)	0		1-22-89
Group 1						
Row 1	1321.91	0.02860606	155	1317.48	0.0395%	1134.81
Row 2	1382.09	0.00000000	155	1382.09	0.0302%	1236.84
Row 4	1284.68	0.00000000	155	1284.68	0.0154%	1215.83
Row 6	1351.63	0.00925758	155	1350.20	0.0046%	1328.59
Row 8	1394.11	0.13080303	155	1373.84	0.0061%	1344.67
Row 9	1331.52	0.07104545	155	1320.51	0.0044%	1300.11
Group 2						
Row 1	1227.12	0.12201515	155	1208.21	0.0073%	1177.25
Row 2	1280.74	0.00000000	155	1280.74	0.0182%	1198.92
Row 4	1332.17	0.03539394	155	1324.68	0.0041%	1307.19
Row 6	1412.47	0.00000000	155	1412.47	0.0017%	1404.04
Row 8	1428.65	0.05646970	155	1419.90	0.0031%	1404.15
Row 9	1415.29	0.16662121	155	1389.46	0.0017%	1381.17
Group 3						
Row 1	1313.21	0.00000000	155	1313.21	0.0290%	1179.54
Row 2	1313.49	0.08298485	155	1300.63	0.0228%	1196.54
Row 4	1290.82	0.05800000	155	1281.83	0.0051%	1258.88
Row 6	1385.49	0.14566667	155	1362.91	0.0016%	1355.26
Row 8	1375.08	0.13798485	155	1353.69	0.0025%	1341.81
Row 9	1265.13	0.08016667	155	1252.70	0.0057%	1227.64

% weight/day is the average rate
per group row combination. (All
negative values on Table 6.2 were
changed to zero for conservatism).

EXTENSION OF ICE CONDENSER WEIGHING PERIOD BASED
ON PREDICTED CROUP-ROW AND BAY SUBLIMATION RATES

Sheet 110 of 116
Prepared By/Date BT 6/6/88
Reviewed By/Date BT 6/6/88
Sequoyah -- Unit 2

THIS SHEET REPLACED BY SHEET 110A
PER REVISION 1.

TABLE 6.5: EXPECTED ICE WEIGHT, PER BASKET,
PER BAY ON JANUARY 19, 1989 AT
A 95% LEVEL OF CONFIDENCE

Sept 4, 1987 to Unknown

$$\left(\frac{w_2 - w_3}{w_2} \right) = DT = 1 - \frac{w_3}{w_2}$$

	Beg weight W1	Melt Rate R (#/day)	Time TO (to 2-6-88)	Ending Weight W2=W1-(R*TO)	% Weight/day D	Days to 1200# Pounds on (from 2-6-88) 1-19-89 (348 days)	
BAY 1	1264.4000	0.04150561	155	1257.97	0.0119%	387.22	1205.37
BAY 2	1348.0752	0.00000000	155	1348.08	0.0140%	784.59	1282.40
BAY 3	1329.0435	0.00000000	155	1329.04	0.0221%	439.34	1226.83
BAY 4	1357.4816	0.01630121	196	1355.26	0.0094%	1218.77	1310.93
BAY 5	1323.8569	0.02962682	155	1319.26	0.0150%	602.68	1250.40
BAY 6	1419.6623	0.00000000	155	1419.66	0.0072%	2149.01	1384.09
BAY 7	1411.4551	0.11776864	155	1393.20	0.0028%	4952.65	1379.63
BAY 8	1283.0034	0.04944879	155	1275.34	0.0080%	738.42	1239.83
BAY 9	1336.7737	0.02149348	155	1333.44	0.0031%	3228.18	1319.06
BAY 10	1320.6874	0.01974136	155	1317.63	0.0072%	1239.89	1284.61
BAY 11	1382.7455	0.05023894	155	1374.96	0.0047%	2707.37	1352.47
BAY 12	1329.3708	0.02216682	155	1325.93	0.0046%	2064.74	1304.71
BAY 13	1339.4632	0.00390727	155	1338.86	0.0063%	1646.25	1309.50
BAY 14	1323.1828	0.00000000	155	1323.18	0.0008%	11636.98	1319.50
BAY 15	1294.8664	0.13475833	155	1273.98	0.0088%	659.88	1234.96
BAY 16	1397.1483	0.04689530	155	1389.88	0.0016%	8538.49	1382.14
BAY 17	1326.1800	0.00000000	155	1326.18	0.0088%	1081.20	1285.57
BAY 18	1351.9654	0.00000000	155	1351.97	0.0085%	1322.39	1311.97
BAY 19	1340.2485	0.00001000	155	1340.25	0.0086%	1216.79	1300.14
BAY 20	1298.6422	0.00001000	155	1298.64	0.0045%	1640.41	1275.35
BAY 21	1322.2741	0.00395242	155	1321.66	0.0116%	793.55	1268.31
BAY 22	1283.4567	0.04577394	155	1276.36	0.0056%	1068.35	1251.49
BAY 23	1283.3858	0.01235030	155	1281.43	0.0105%	605.17	1234.60
BAY 24	1298.5504	0.22249652	155	1264.06	0.0241%	210.29	1158.05

% Weight/day is the average rate
per bay. (All negative values on
Table were changed to zero
for conservatism).

$$w_3 = w_2 (1 - 348 \times D)$$

EXTENSION OF ICE CONDENSER WEIGHING PERIOD BASED
ON PREDICTED GROUP-ROW AND BAY SUBLIMATION RATES

Sheet 110.A of 116
Prepared By/Date 9/16 8/11/88
Reviewed By/Date 17 8/16/88
Sequoyah -- Unit 2

THIS SHEET ADDED BY REVISION 1

TABLE 6.5 : EXPECTED ICE WEIGHT, PER BASKET, PER BAY
ON JANUARY 22, 1989 AT A 95% LEVEL
OF CONFIDENCE

		Sept 4, 1987 to Unknown				(351 days)
Beg weight	Melt Rate	Time TO	Ending Weight	% Weight/day		Pounds on
W1	R (#/day)	(to 2-6-88)	W2=W1-(R*TO)	D		1-22-89
BAY 1	1264.4000	0.04150561	155	1257.97	0.0119%	1205.42
BAY 2	1348.0752	0.00000000	155	1348.08	0.0140%	1281.83
BAY 3	1329.0435	0.00000000	155	1329.04	0.0221%	1225.95
BAY 4	1357.4816	0.01430121	155	1355.26	0.0094%	1310.55
BAY 5	1323.8569	0.02962682	155	1319.26	0.0150%	1249.81
BAY 6	1419.6623	0.00000000	155	1419.66	0.0072%	1383.78
BAY 7	1411.4551	0.11776864	155	1393.20	0.0028%	1379.51
BAY 8	1203.0034	0.04944879	155	1275.34	0.0080%	1239.53
BAY 9	1336.7737	0.02149348	155	1333.44	0.0031%	1318.93
BAY 10	1320.6874	0.01974136	155	1317.63	0.0072%	1284.33
BAY 11	1382.7455	0.05023894	155	1374.96	0.0047%	1352.28
BAY 12	1329.3708	0.02216682	155	1325.93	0.0046%	1304.53
BAY 13	1339.4632	0.00390727	155	1338.86	0.0063%	1309.25
BAY 14	1323.1828	0.00000000	155	1323.18	0.0008%	1319.47
BAY 15	1274.0144	0.13475833	155	1273.98	0.0088%	1234.63
BAY 16	1397.1483	0.00000000	155	1389.80	0.0016%	1382.07
BAY 17	1326.1800	0.00000000	155	1326.18	0.0088%	1285.22
BAY 18	1351.9654	0.00000000	155	1351.97	0.0085%	1311.63
BAY 19	1340.2485	0.00000000	155	1340.25	0.0086%	1299.79
BAY 20	1295.6422	0.00000000	155	1295.64	0.0045%	1275.18
BAY 21	1322.2741	0.00395242	155	1321.66	0.0116%	1267.85
BAY 22	1283.4567	0.04577394	155	1276.36	0.0056%	1251.27
BAY 23	1283.3858	0.01265030	155	1281.43	0.0105%	1234.20
BAY 24	1298.5504	0.22249652	155	1264.06	0.0241%	1157.14

% weight/day is the average rate
per bay. (All negative values on
Table 6.3 were changed to zero for
conservation).

EXTENSION OF ICE CONDENSER WEIGHING PERIOD BASED
ON PREDICTED GROUP-ROW AND BAY SUBLIMATION RATES

Sheet 111 of 116
Prepared By/Date Ray W/B/88
Reviewed By/Date L7 5/1/88
Sequoyah -- Unit 2

THIS SHEET REPLACED BY SHEET 111.A
PER REVISION 1

TABLE 6.6: EXTREMELY CONSERVATIVE ESTIMATE OF
ICE WEIGHT, PER BASKET, PER GROUP-
ROW COMBINATION ON JANUARY 19, 1989
AT A 95% LEVEL OF CONFIDENCE.

Sept 4, 1987 to Unknown

	Seg weight W1	Melt Rate R (#/day)	Time TO (to 2-6-88)	Ending Weight W2=W1-(R*TO)	% Weight/day D	Days to 1200# Pounds on (from 2-6-88) 1-19-89	
Group 1							
Row 1	1321.91	0.02860606	155	1317.48	0.0562%	158.66	1059.81
Row 2	1382.09	0.00000000	155	1382.09	0.0596%	221.06	1095.43
Row 4	1284.68	0.00000000	155	1284.68	0.0198%	332.91	1196.16
Row 6	1351.63	0.00925758	155	1350.20	0.0097%	1146.80	1304.62
Row 8	1394.11	0.13080303	155	1373.84	0.0123%	1028.72	1315.03
Row 9	1331.52	0.07104545	155	1320.51	0.0106%	860.93	1271.80
Group 2							
Row 1	1227.12	0.12201515	155	1208.21	0.0288%	23.59	1087.12
Row 2	1280.74	0.00000000	155	1280.74	0.0319%	197.62	1138.56
Row 4	1332.17	0.03539394	155	1326.68	0.0116%	823.18	1273.13
Row 6	1412.47	0.00000000	155	1412.47	0.0058%	2212.12	1379.05
Row 8	1428.65	0.05646970	155	1419.90	0.0068%	2458.23	1388.77
Row 9	1415.29	0.16662121	155	1389.46	0.0068%	2005.26	1356.58
Group 3							
Row 1	1313.23	0.00000000	155	1313.21	0.0412%	209.24	1124.93
Row 2	1313.49	0.08298485	155	1300.63	0.0357%	214.72	1139.04
Row 4	1290.82	0.05800100	155	1281.83	0.0120%	531.99	1228.31
Row 6	1385.49	0.14566417	155	1362.91	0.0040%	2988.30	1343.94
Row 8	1375.08	0.13796145	155	1353.69	0.0059%	1924.33	1325.90
Row 9	1265.13	0.08110667	155	1252.70	0.0166%	253.45	1180.34

< 1080 lb

AVG = 1207.14

AVG = 1270.54

AVG = 1233.74

OVERALL AVG = 1237.

% Weight/day is maximum rate
per group/row combination

EXTENSION OF ICE CONDENSER WEIGHING PERIOD BASED
ON PREDICTED GROUP-ROW AND BAY SUBLIMATION RATES

Sheet 111.A of 116
Prepared By/Date WSS 8/13/89
Reviewed By/Date LT 8/16/89
Sequoyah - Unit 2

THIS SHEET ADDED BY REVISION 1

TABLE 6.6 : EXTREMELY CONSERVATIVE ESTIMATE OF
EXPECTED ICE WEIGHT, PER BASKET, PER
GROUP-ROW COMBINATION, ON JANUARY
22, 1989 AT A 95% LEVEL OF CONFIDENCE

Sept 4, 1987		to		Unknown					
Beg weight		Melt Rate		Time TO		Ending Weight		% Weight/day	
W1		R (#/day)		(to 2-6-88)		W2=W1-(R0*TO)		D	
(351 days)									
Pounds on									
1-22-89									
<hr/>									
Group 1									
Row 1	1321.91	0.02860606		155		1317.48	0.0562%	1057.59	< 1080 lbs See comments in Section 8.0 } AVG = 1206.01
Row 2	1382.09	0.00000000		155		1382.09	0.0596%	1092.96	
Row 4	1284.68	0.00000000		155		1284.68	0.0198%	1195.40	
Row 6	1351.63	0.00925758		155		1350.20	0.0097%	1304.22	
Row 8	1394.11	0.13080303		155		1373.84	0.0123%	1314.52	
Row 9	1331.42	0.07104545		155		1320.51	0.0106%	1271.38	
Group 2									
Row 1	1227.12	0.12201515		155		1208.21	0.0258%	1086.07	} AVG = 1269.94
Row 2	1280.74	0.00000000		155		1280.74	0.0319%	1137.34	
Row 4	1332.17	0.03539394		155		1326.68	0.0116%	1272.67	
Row 6	1412.47	0.00000000		155		1412.47	0.0068%	1378.76	
Row 8	1428.65	0.05646970		155		1419.90	0.0063%	1388.50	
Row 9	1415.29	0.16662121		155		1389.46	0.0068%	1356.30	
Group 3									
Row 1	1313.21	0.00000000		155		1313.21	0.0412%	1123.30	} AVG = 1222.99
Row 2	1313.49	0.08298485		155		1300.63	0.0357%	1137.65	
Row 4	1290.82	0.05800000		155		1281.83	0.0120%	1227.84	
Row 6	1385.49	0.14566667		155		1362.91	0.0040%	1343.78	
Row 8	1375.08	0.13798485		155		1353.69	0.0059%	1325.66	
Row 9	1265.13	0.08016667		155		1252.70	0.0166%	1179.71	
								Overall Avg = 1232.98	

% Weight+/day is maximum rate per bay

% Weight/day is maximum
rate per bay

EXTENSION OF ICE CONDENSER WEIGHING PERIOD BASED
ON PREDICTED GROUP-ROW AND BAY SUBLIMATION RATES

Sheet 112 of 116
Prepared By/Date Ray 8/6/88
Reviewed By/Date LT 8/8/88
Sequoyah -- Unit 2

THIS SHEET REPLACED BY SHEET 112.A
PER REVISION 1.

TABLE 6.7: EXTREMELY CONSERVATIVE ESTIMATE OF ICE
WEIGHT, PER BASKET, PER BAY ON JANUARY
19, 1989 AT A 95% LEVEL OF CONFIDENCE.

Sept 4, 1987 to Unknown

	Beg weight W1	Melt Rate R (#/day)	Time TO (to 2-6-88)	Ending Weight W2=W1-(R*TO)	% Weight/day D	Days to 1200# Pounds on (from 2-6-88) 1-19-89	
BAY 1	1264.4000	0.04150561	15.1	1257.97	0.0188%	245.14	1175.68
BAY 2	1348.0752	0.00000000	155	1348.08	0.0203%	541.00	1232.83
BAY 3	1329.0435	0.00000000	155	1329.04	0.0435%	223.21	1127.85
BAY 4	1357.4816	0.01430121	155	1355.26	0.0282%	406.57	1222.37
BAY 5	1323.8569	0.02962682	155	1319.26	0.0282%	320.15	1189.63
BAY 6	1419.6623	0.00000000	155	1419.66	0.0188%	822.52	1326.72
BAY 7	1411.4551	0.11776864	155	1398.20	0.0057%	2428.32	1365.51
BAY 8	1283.0034	0.04944879	155	1275.34	0.0155%	381.96	1206.70
BAY 9	1336.7737	0.02149348	155	1333.44	0.0077%	1294.74	1297.58
BAY 10	1320.6874	0.01974136	155	1317.63	0.0150%	595.86	1248.93
BAY 11	1382.7455	0.05023894	155	1374.96	0.0120%	1060.84	1317.56
BAY 12	1329.3708	0.02216682	155	1325.93	0.0167%	567.07	1248.65
BAY 13	1339.4632	0.00390727	155	1338.86	0.0197%	526.57	1247.09
BAY 14	1323.1828	0.00000000	155	1323.18	0.0022%	4310.85	1313.24
BAY 15	1294.8664	0.13475833	155	1273.98	0.0136%	426.46	1213.61
BAY 16	1397.1483	0.04689530	155	1389.88	0.0062%	2194.90	1359.77
BAY 17	1326.1800	0.00000000	155	1326.18	0.0250%	380.86	1210.89
BAY 18	1351.9654	0.00000000	155	1351.97	0.0245%	459.54	1236.89
BAY 19	1340.2485	0.00000000	155	1340.25	0.0142%	736.83	1274.02
BAY 20	1295.6422	0.00000000	155	1295.64	0.0135%	547.66	1234.87
BAY 21	1322.2741	0.00395242	155	1321.66	0.0288%	319.28	1189.06
BAY 22	1283.4567	0.04577394	155	1276.36	0.0146%	409.07	1211.40
BAY 23	1283.3858	0.01265030	155	1281.43	0.0215%	296.15	1185.74
BAY 24	1298.5504	0.22249652	155	1264.06	0.0462%	109.70	1060.84

AVG = 1238.22

1060.84 < 1080 lb

% Weight/day is maximum rate
per bay

EXTENSION OF ICE CONDENSER WEIGHING PERIOD BASED
ON PREDICTED GROUP-ROW AND BAY SUBLIMATION RATES

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Prepared By/Date Mar 8/12/98
Reviewed By/Date 1-7 8/16/98
Sequoyah -- Unit 2

THIS SHEET ADDED BY REVISION 1

TABLE 6.7 : EXTREMELY CONSERVATIVE ESTIMATE OF EXPECTED
ICE WEIGHT, PER BASKET, PER BAY ON
JANUARY 22, 1989 AT A 95% LEVEL OF
CONFIDENCE

		Sept 4, 1987		to		Unknown			
		Beg weight	Melt Rate	Time TO	Ending Weight	% Weight/day			
		W1	R (#/day)	(to 2-6-88)	W2=W1-(R*TO)	D			
							(351 days)		
							Pounds on		
							1-22-89		
BAY 1	1264.4000	0.04150561	155	1257.97	0.0188%	1174.97			
BAY 2	1348.0752	0.00000000	155	1348.08	0.0203%	1252.00			
BAY 3	1329.0435	0.00000000	155	1329.04	0.0435%	1126.12			
BAY 4	1331.2274	0.01430121	155	1355.26	0.0282%	1221.22			
BAY 5	1323.8569	0.02962682	155	1319.26	0.0282%	1188.51			
BAY 6	1419.6623	0.00000000	155	1419.66	0.0188%	1325.92			
BAY 7	1411.4551	0.11776864	155	1393.20	0.0057%	1365.27			
BAY 8	1283.0034	0.04944879	155	1275.34	0.0155%	1206.11			
BAY 9	1336.7737	0.02149348	155	1333.44	0.0077%	1297.27			
BAY 10	1320.6874	0.01974136	155	1317.63	0.0150%	1248.34			
BAY 11	1382.7455	0.05023894	155	1374.96	0.0120%	1317.07			
BAY 12	1329.3708	0.02216682	155	1325.93	0.0167%	1247.99			
BAY 13	1339.4632	0.00390727	155	1338.86	0.0197%	1246.30			
BAY 14	1323.1828	0.00000000	155	1323.18	0.0022%	1313.15			
BAY 15	1294.8664	0.13475833	155	1273.98	0.0136%	1213.09			
BAY 16	1397.1483	0.04689530	155	1389.88	0.0062%	1359.51			
BAY 17	1326.1800	0.00000000	155	1326.18	0.0250%	1209.89			
BAY 18	1351.9654	0.00000000	155	1351.97	0.0245%	1235.89			
BAY 19	1340.2485	0.00000000	155	1340.25	0.0142%	1273.45			
BAY 20	1295.6422	0.00000000	155	1295.64	0.0135%	1234.34			
BAY 21	1322.2741	0.00096576	155	1324.44	0.0288%	1188.33			
BAY 22	1283.4567	0.04300303	155	1276.79	0.0146%	1211.25			
BAY 23	1283.3858	0.00866591	155	1282.04	0.0215%	1185.49			
BAY 24	1298.5504	0.22249652	155	1264.06	0.0462%	1059.09			

AVG = 1237.52

< 1080 lbs

See comments in Section 8.0

AVG = 1237.52

< 1080 lbs

See comments in
Section B.0

% Weight/day is maximum
rate per day

EXTENSION OF ICE CONDENSER WEIGHING PERIOD BASED
ON PREDICTED GROUP-ROW AND BAY SUBLIMATION RATES

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Prepared By/Date BS 8/11/88
Reviewed By/Date LT 8/16/88
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THIS SHEET CHANGED BY REVISION 1

7.0 DISCUSSION OF RESULTS

Rev 1 Prepared by BS 8/12/88
Rev 1 Reviewed by LT 8/16/88

This discussion will be separated into two parts: First, a discussion of the results based on the average sublimation rates for each group-row combination and bay, and secondly, a discussion based on worst-case rates.

From the results Table 6.4, it is seen that using the expected sublimation rate (average rate), five group-row combinations (group 1-row 1, group 2-row 1, group 2-row 2, group 3-row 1, and group 3-row 2) have an average weight that is less than the 1200 pound limit. Two of these five sets are within three pounds of the 1200 pound limit. Similarly, from the results Table 6.5, it is seen that using the expected sublimation rate (average rate), only one bay (bay 24) has an average weight that is less than the 1200 pound limit. However, all of the group-row combinations and bays are well in excess of the number $1200 - (10\%)(1200) = 1080$ pounds, an analytical limit which takes into account the amount of ice loss allowed between successive weighings and is the amount taken credit for in all containment safety analyses.

However, from the results given in Table 6.6, the worst-case rate creates eight group-row combinations which are less than the 1200 pound limit on January 19, 1989. Similarly, from the results given in Table 6.7, the worst-case rate creates six bays which are less than the 1200 pound limit. In addition, one group-row combination (group 1-row 1) and one bay (bay 24) are below the 1080 pound analytical limit by about 20 pounds. The average weight per basket for each group in the group-row combinations is 1207.14 pounds for Group 1, 1270.54 pounds for Group 2, and 1232.74 pounds for Group 3. The overall average weight per basket based on the group-row combinations calculations is 1237.14 pounds, which indicates a total ice condenser ice weight of $(1237.14)(81)(24) = 2.405 \times 10^6$ pounds. The average weight per basket based on the bay calculations is 1238.22 pounds, which indicates a total ice condenser weight of $(1238.22)(81)(24) = 2.407 \times 10^6$ pounds. The overall weight of the ice condenser based on the both the group-row combinations and bays is considerably greater than the minimum allowable amount of 2,333,100 pounds listed in the Tech Specs.

EXTENSION OF ICE CONDENSER WEIGHING PERIOD BASED
ON PREDICTED GROUP-ROW AND BAY SUBLIMATION RATES

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Reviewed By/Date BT 8/16/88
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THIS SHEET CHANGED BY REVISION 1

Rev 1 Prepared by BSS 8/12/88

Rev 1 Reviewed by BT 9/14/88

8.0 CONCLUSIONS

Looking back through the history surrounding the Sequoyah ice condenser, many documents were written discussing sublimation rates. One such document is a memo (Reference 5.10) which discusses problems with the sublimation rates in unit 2 following an evaluation of the ice weighing data of November and December of 1982. It was discovered that the sublimation rate for unit 2 was extremely higher than unit 1, but that the reason for this anomaly was unknown. In addition, it was discovered that critical localized areas (group 1-row 1 and bays 1 and 24) required special attention. (Virtually all utilities with ice condenser plants were experiencing similar problems). Therefore, around the end of 1982 and the beginning of 1983, an ice condenser improvement program was implemented (Reference 5.11) to identify probable causes for the problems. For the most part, these large scale problems were resolved during 1983 (Reference 5.12).

The data from 1982 and 1983 provide much higher sublimation rates in the critical localized areas compared with the 1984 and 1985 data. It is believed that this change is due to the corrections that were made to the ice condenser in 1983. Although small improvements have been made more recently, the major effort that was made in 1983 provided the overall improvement to the sublimation rates in the critical localized areas. For this reason, it is believed that the high sublimation rates that were happening in the critical areas during the 1982 and 1983 operating cycles should not be considered appropriate for use in determining current sublimation rates. Therefore, the weight of the group 1-row 1 combination and bay 24 will be considerably higher than the ~~1058~~ pounds on January ~~1989~~ 1989 which was predicted using the worst case rates. In fact, if the average sublimation rate is used (which still factors in the high sublimation rates which occurred in 1982 and 1983), the weight of each basket at a 95% level of confidence for group 1-row 1 is ~~1136~~ ¹¹³⁴ pounds and for bay 24 is ~~1150~~ ¹¹⁵⁷ pounds. | R1

Based on the numerical analysis and on the reasons presented in this report, an extension of the ice weighing date for unit 2, as required by Tech Spec 3/4.6.5, from December 4, 1988 to January ~~1989~~ 1989 will not impact the ability of the ice condenser to perform its safety function. | R1

EXTENSION OF ICE CONDENSER WEIGHING PERIOD BASED
ON PREDICTED GROUP-ROW AND BAY SUBLIMATION RATES

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Prepared By/Date BSR 8/6/88
Reviewed By/Date W. S. K. 8/8/88
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APPENDIX A

ICE SQ1.0

THEORY

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A. THEORY

The following sections describe the statistical methods used by ICE. The program assumes that the ice basket weights approximate a normal distribution.

A.1 Sample Mean

The sample mean is calculated using the following equation.

$$\bar{X} = \frac{\sum_{i=1}^N (X_i)}{N}$$

where, X_i = individual basket weights
 N = total number of baskets weighed

A.2 Sample Standard Deviation

The sample standard deviation, S , is then computed using the following equation.

$$S = \sqrt{\frac{\sum_{i=1}^N (X_i - \bar{X})^2}{N-1}}$$

A.3 Confidence Interval

For this problem, the confidence interval can be described as follows.

The probability that $(\bar{X} \geq \bar{X}_{low}) = 0.95$

where, \bar{X} = true population mean
 \bar{X}_{low} = calculated low limit mean

For a 95% confidence interval ($\alpha=0.05$), we have the following, one-tailed distribution curve.

* This information was obtained from Reference 3.8

EXTENSION OF ICE CONDENSER WEIGHING PERIOD BASED
ON PREDICTED GROUP-ROW AND BAY SUBLIMATION RATES

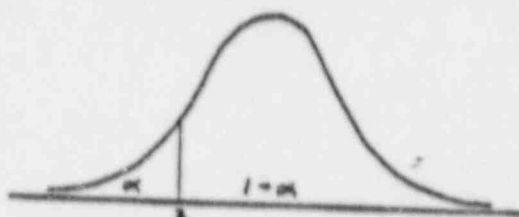
Sheet 116 of 116
Prepared By/Date W. A. G. 2/6/68
Reviewed By/Date J. T. 3/5/68
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APPENDIX A

* ICE SQ1.0

THEORY

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The low limit population mean is then given by the following expression.

$$\bar{X}_{low} = \bar{X} - \left(\frac{Z \cdot S}{\text{SQRT}(N)} \right)$$

where, Z = Z-score as described
in the next sections

4.3.1 Z-score for $N < 30$

For a sample size of less than 30, Z must be determined using the T-distribution tables for alpha = 0.05 and $v = N-1$ degrees of freedom. The following is an excerpt from this table.

v	alpha=0.05
1	6.314
2	2.920
3	2.353
4	2.132
5	2.015
6	1.943
7	1.897
8	1.860
9	1.833
10	1.812
11	1.796
12	1.782
13	1.771
14	1.761
15	1.753

v	alpha=0.05
16	1.746
17	1.740
18	1.734
19	1.729
20	1.725
21	1.721
22	1.717
23	1.714
24	1.711
25	1.708
26	1.706
27	1.703
28	1.701
29	1.699
inf	1.645

4.3.2 Z-score for $N \geq 30$

For a sample size of 30 or more, the standard normal distribution is used for alpha=0.05. The Z-score in these cases equals 1.645.