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2. To: (Receiving Organization) Distribution		3. From: (Originating Organization) WESF		4. Related EDT No.: NA	
5. Proj./Prog./Dept./Div.: WESF		6. Design Authority/Design Agent/Cog. Engr.: L. I. Covey		7. Purchase Order No.: NA	
8. Originator Remarks: This document contains the configuration control requirements for the WESF Encapsulation Database System (EDS).				9. Equip./Component No.: NA	
				10. System/Bldg./Facility: C11/225B/WESF	
				12. Major Assm. Dwg. No.: NA	
11. Receiver Remarks:		11A. Design Baseline Document? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		13. Permit/Permit Application No.: NA	
				14. Required Response Date: NA	

15. DATA TRANSMITTED					(F)	(G)	(H)	(I)
(A) Item No.	(B) Document/Drawing No.	(C) Sheet No.	(D) Rev. No.	(E) Title or Description of Data Transmitted	Approval Designator	Reason for Transmittal	Originator Disposition	Receiver Disposition
1	HNF-6768	-	0	WESF Capsule and EDS Configuration Document	SQ	2	2	

16. KEY		
Approval Designator (F)	Reason for Transmittal (G)	Disposition (H) & (I)
E, S, Q, D OR N/A (See WHC-CM-3-5, Sec. 12.7)	1. Approval 2. Release 3. Information 4. Review 5. Post-Review 6. Dist. (Receipt Acknow. Required)	1. Approved 2. Approved w/comment 3. Disapproved w/comment 4. Reviewed no/comment 5. Reviewed w/comment 6. Receipt acknowledged

17. SIGNATURE/DISTRIBUTION (See Approval Designator for required signatures)											
(G) Reason	(H) Disp.	(J) Name	(K) Signature	(L) Date	(M) MSIN	(G) Reason	(H) Disp.	(J) Name	(K) Signature	(L) Date	(M) MSIN
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		Env. NA									

18. Signature of EDJ Originator Date: 9-26-00		19. Authorized Representative for Receiving Organization Date: 9-26-00		20. Design Authority/Cognizant Manager Date: 9-26-00		21. DOE APPROVAL (if required) Ctrl No. _____ <input type="checkbox"/> Approved <input type="checkbox"/> Approved w/comments <input type="checkbox"/> Disapproved w/comments	
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HNF-6768
Revision 0

WESF Capsule and EDS Configuration Document

Prepared for the U.S. Department of Energy
Assistant Secretary for Environmental Management

Project Hanford Management Contractor for the
U.S. Department of Energy under Contract DE-AC06-96RL13200

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Richland, Washington

WESF Capsule and EDS Configuration Document

Covey L.I.

Date Published
August 2000

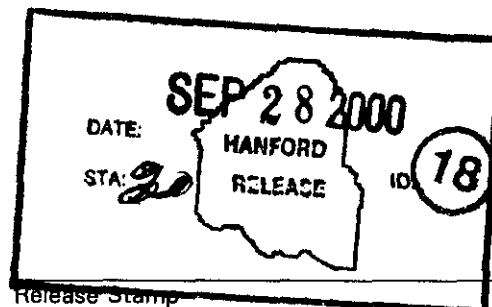
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P.O. Box 1000
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Release Approval Date



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Printed in the United States of America

Total Pages: 125

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1.0 INTRODUCTION

The Waste Encapsulation and Storage Facility (WESF) Encapsulation Database System (EDS) developed using the site controlled software program Access 2000 contains information on each cesium and strontium capsule stored at WESF.

This document has been developed to describe the functions and requirements of EDS and define the process used to maintain configuration control.

2.0 REQUIREMENTS

The WESF EDS will be required to:

- Identify the wattage of each capsule and the heat load in each pool cell in order to verify compliance with the capsule heat load limits contained in Administrative Control 5.7 "Source Inventory Control" (HNF-SD-WM-IOSR-001),
- Identify the hazardous capsule constituents for the Washington State Department of Ecology (WDOE),
- Maintain production information on each cesium and strontium capsule.

Data in EDS relied upon to verify compliance with the heat load limits contained in Administrative Control 5.7 must be verified by Quality Assurance. The data was verified when entered into the EDS system and any changes to the data will be verified upon completion of the change.

3.0 SYSTEM DESIGN

The following table describes each of the fields in EDS and provides the basis for the values in that field.

Field	Function	Basis
Outer Capsule Identification Number	This field is entered data that identifies the outer capsule identification numbers.	The capsule numbers were obtained from the original run books and the capsule verification data sheets contained in operating procedure EO-905-030 <i>Perform Inner Capsule Movement Test and Visual Inspection</i> . The procedure data sheets identify the location of each capsule stored at WESF via the outer capsule identification number and the run books identify the inner capsule identification number associated with each outer capsule.
Inner Capsule Identification Number	This field is entered data that identifies the inner capsule identification numbers.	
Date Updated	This field is entered data that identifies the last time the information on this capsule was updated.	This allows the EDS Administrator to track the date the capsule information was updated.

Field	Function	Basis
Capsule Location	<p>This field is entered data that identifies the location of each capsule stored at WESF.</p> <p>Sample: 7-2-E-04 Pool Cell 7 Rack 2 Row E Column 04</p> <p>Note: Capsules located in Pool Cell 12 will only have the number "12" in this field</p>	<p>Datasheets from procedure EO-905-030, <i>Perform Inner Capsule Movement Test and Visual Inspection</i>, identify the location of each capsule stored at WESF via the outer capsule identification number.</p>
Production Number (Run Book)	<p>This field is entered data that identifies the production number (or run book) associated with each capsule.</p>	<p>Strontium Capsules: The production number is the number assigned to each batch of strontium material processed. The numbers continued in sequence from 1975 to 1977 (e.g., 22, 23, 24). Beginning in 1977, the sequence started over every year and the year was added to the batch number (e.g., 77-01, 78-01). The production number is also known as the capsule run book number.</p> <p>Cesium Capsules: The production number is the number assigned to each batch of cesium material processed. The numbers continued in sequence from 1975 to 1977 (e.g., 75-08, 76-10). Beginning in 1977, the sequence was started over every year (e.g., 77-01, 78-01). The production number is also known as the capsule run book number.</p>
Net Salt Weight	<p>This field is entered data that identifies the salt weight of each capsule.</p>	<p>The salt weight was a value calculated in the capsule run books by subtracting the inner and outer capsule tare weight from gross weight of a loaded capsule.</p>
Original Wattage	<p>This field is entered data that identifies the original wattage of each capsule</p>	<p>The original capsule wattage was a value calculated in the capsule run books. The capsule was placed in a known volume of water and the increasing temperature was recorded every 3 minutes for a 30-minute period. This data was then used to determine the heat load of the capsule. Early in the encapsulation process, only one capsule was tested and the wattage of the remaining capsules from that batch were rationed based on salt weights. Later in the encapsulation process, each capsule was tested individually.</p>
Original Calorimetry Date	<p>This field is entered data that identifies the date the calorimetry was performed on the capsule.</p>	<p>The date the capsule calorimetry test was performed for each capsule was recorded in the capsule run books. This value is required to determine the length of time the capsule has decayed.</p>
Decayed Years	<p>This field is calculated data that identifies the time a capsule has decayed in years.</p>	<p>The decayed years are calculated for each capsule using the current date and the capsule calorimetry date.</p> <p>Decay years = (Today's date - [calorimetry date])/365.25</p>

Field	Function	Basis
Current Wattage (Decayed)	This field is calculated data that identifies the wattage of a capsule decayed to a specified date.	<p>The decayed wattage of each capsule was calculated in EDS using the following formula:</p> $C_A = C_{A0} e^{-t \ln 2 / t_{1/2}}$ <p>C_A = current watts C_{A0} = original watts t = elapsed time between C_A and C_{A0} in years $t_{1/2}$ = half-life of cesium (30.17 years) or strontium (29.0 years) Reference: <i>CRC Handbook of Chemistry and Physics 71st Edition (1990-1991)</i> Note: The Access program uses the terminology "log 2" however, the equation correctly calculates it as "ln 2"</p>
Original Curies	This field is calculated data that identifies the original curies of each capsule.	<p>This number was calculated in EDS from the original wattage value for each capsule using the following conversions:</p> <p>4.72 E-03 watts/curie for ^{137}Cs/^{137}Ba (based on a transient equilibrium) 6.69E-03 watts/curie for ^{90}Sr/^{90}Y (based on a transient equilibrium) Reference: SD-RE-TI-131, <i>Basis & Values for Specific Activity & Decay Heat Generation Rates for Selected Radionuclides</i> Note: This number varies slightly from the value calculated in the run books since the run books used 4.8 watts/kCi and 6.75 watts/kCi.</p>
Current Curies (Decayed)	This field is calculated data that identifies the curies of a capsule decayed to a specified date.	<p>The decayed curies of each capsule was calculated in EDS using the following formula:</p> $C_A = C_{A0} e^{-t \ln 2 / t_{1/2}}$ <p>C_A = current curies C_{A0} = original curies t = elapsed time between C_A and C_{A0} in years $t_{1/2}$ = half-life of cesium (30.17 years) or strontium (29.0 years) Reference: <i>CRC Handbook of Chemistry and Physics 71st Edition (1990-1991)</i> Note: The Access program uses the terminology "log 2" however, the equation correctly calculates it as "ln 2"</p>
Percent Cesium-137	This field is calculated data that identifies the weight percent ^{137}Cs in a cesium capsule.	<p>The cesium chloride salt is 25% ^{137}Cs by weight; the Percent Cesium-137 was calculated by multiplying the capsule salt weight by 0.25. Reference: RHO-SD-ER-01, <i>Cs Final Purification in B Plant</i></p>
Barium Increase	This field is calculated data that identifies the weight percent increase of ^{137}Ba in a cesium capsule.	<p>The weight percent increase in ^{137}Ba is a direct result of ^{137}Cs decay.</p> $\frac{\text{Initial Ci } ^{137}\text{Cs} - \text{Final Ci } ^{137}\text{Cs}}{\text{Initial Ci } ^{137}\text{Cs}} = \% \text{ decrease } ^{137}\text{Cs}$ <p>$(\% \text{ decrease } ^{137}\text{Cs})(\text{Percent Cesium-137}) = \text{grams } ^{137}\text{Cs decayed}$ $\text{grams } ^{137}\text{Cs decayed} = \text{grams } ^{137}\text{Ba increased}$</p>

Field	Function	Basis
Lower Bound of Current Barium Weight	This field is calculated data that identifies the lower end of the barium salt weight range.	<p>The initial range of barium salt weight is 0.55 % to 0.94 % of the total salt weight</p> <p>Reference: PNL-5170, <i>A Review of Safety Issues that Pertain to the Use of WESF CsCl Capsules in an Irradiator</i></p> <p>The following formula was used to calculate the lower end of the range:</p> $\frac{(0.0055) (\text{Salt Weight}) + (\text{Barium Increase})}{\text{Salt Weight}} = \text{wt\% Ba}$ <p>Note: This range was used for waste designation.</p>
Upper Bound of Current Barium Weight	This field is calculated data that identifies the upper end of the barium salt weight range.	<p>The initial range of barium salt weight is 0.55 % to 0.94 % of the total salt weight</p> <p>Reference: PNL-5170, <i>A Review of Safety Issues that Pertain to the Use of WESF CsCl Capsules in an Irradiator</i></p> <p>The following formula was used to calculate the upper end of the range:</p> $\frac{(0.0094) (\text{Salt Weight}) + (\text{Barium Increase})}{\text{Salt Weight}} = \text{wt\% Ba}$ <p>Note: This range was used for waste designation.</p>
Regulatory Constituent Levels	This field is entered and calculated data that identifies the % wt Barium, Cadmium, Chromium, Lead, and Silver in cesium and strontium capsules.	The %wt data is based on estimates of each constituent in the cesium and strontium capsules except for the barium level in the cesium capsules. The wt% barium is a calculated number for the cesium capsules since the levels increase with decay.

5.0 VERIFICATION OF DATA

Information relied upon for compliance with IOSR Administrative Control 5.7 must be verified by Quality Assurance. The original wattage and calorimetry date for each of the cesium and strontium capsules was recorded from the run books. The recorded data was verified by Quality Assurance (see Appendix B). The recorded data was then used to verify the data in EDS with Quality Assurance oversight. Datasheets from procedure EO-905-030 *Perform Inner Capsule Movement Test and Visual Inspection* were used by Quality Assurance to verify capsule locations.

In gathering the cesium and strontium run books to verify the data in EDS, two problems were encountered: 1) the run books for strontium capsules S-2 and S-4 could not be located, and 2) six of the cesium run books contained the raw calorimetry data but did not record the calculated capsule wattage. The resolution of these two problems is discussed in the following paragraphs

Capsule S-2 was a tracer capsule and contains negligible radioactive material. Capsule S-4 was called an intermediate run and contains material typical to any strontium capsule. The original wattage and calorimetry date assigned to capsule S-4 in the Paradox version of EDS will be carried over to the Access version of EDS. This is considered acceptable since the data in the Paradox version of EDS has consistently matched the verified

data in the Access version of EDS, and any error in the original data for this one capsule would be insignificant when determining heat load limits for a particular pool cell.

To ascertain the capsule wattage from the six cesium run books that contained only raw calorimetry data, heat capacity calculations were performed. Several of the strontium run books contained copies of the cesium/strontium heat capacity calculations which were copied and completed for these cesium capsules. The results from these hand calculations were compared to the values contained in the Paradox version of EDS. There was less than a 3% error between the calculated numbers and the EDS values. Where discrepancies existed in the numbers, the calculated value was used. The calculations are located in the facility copy of the capsule run books and Appendix C.

The decay heat calculation in EDS is also used to demonstrate compliance with IOSR Administrative Control 5.7 and must also be verified by Quality Assurance. Hand calculations were performed for selected test values and verified by Quality Assurance. The EDS decay calculation was verified by running the test values and ensuring the results corresponded to the verified hand calculations. The test values and hand calculations are provided in Appendix A.

It is not expected that changes to the decay heat calculations will be required. However, if changes are needed to the equation, the selected test values must be run again to verify the program is operating correctly.

6.0 CONFIGURATION CONTROL

EDS, in combination with approved datasheets from WESF operating procedures, constitute the system used to maintain configuration control of the WESF capsules.

All changes to EDS, including those changes resulting from approved datasheets, will be documented on an EDS Change Request form. Each EDS Change Request form will have an EDS tracking number and at a minimum must be approved by the capsule system engineer. The EDS tracking number is obtained from the EDS Change Log maintained by the EDS Administrator.

Changes that may affect IOSR compliance (e.g., capsule wattage, capsule location) must be approved by Quality Assurance prior to implementation and witnessed by a Quality Assurance Representative during incorporation. Quality Assurance signatures are documented on the EDS Change Request form.

7.0 SECURITY

EDS has been designed with two levels of access, Admin and General. The Admin level access allows the user to change fundamental data such as capsule location or salt weight. Only the Admin level will require the use of a password. General level access will allow the user read-only access to the data. The login and password forms are prompted at the beginning of the application.

8.0 RECORDS MANAGEMENT

The approved EDS Change Request forms are quality records that shall be kept by the EDS Administrator for the lifetime of the database.

APPENDIX A – EDS TEST VALUES

Four cesium and four strontium test capsules were created and added to the EDS capsule table. High, low, negative and normal original wattage values were selected in order to test the range of the program. The attached hand calculated results for these test capsules are summarized in the following table.

Table A-1. EDS TEST VALUES

Test Capsule ID	Original Wattage (Watts)	Calorimetry Date	Decayed Years ²	Decay Equation ³	Current Wattage
Cesium test capsules					
C-5000	1E25	1/1/1492	508.6	$C_A = (1E25) e^{-(508.6)(\ln 2)/30.17}$	8.42E19
C-6000	1E-22	7/31/2000	0	$C_A = (1E-22) e^{-(0)(\ln 2)/30.17}$	1E-22
C-7000	-1E21	3/16/3479	-1479	$C_A = (-1E21) e^{-(-1479)(\ln 2)/30.17}$	-5.72E35
C-8000	200	3/16/1979	21.38	$C_A = (200) e^{-(21.38)(\ln 2)/30.17}$	122
Strontium test capsules					
S-5000	1E25	1/1/1492	508.6	$C_A = (1E25) e^{-(508.6)(\ln 2)/29}$	5.25E19
S-6000	1E-22	7/31/2000	0	$C_A = (1E-22) e^{-(0)(\ln 2)/29}$	1E-22
S-7000	-1E21	3/16/3479	-1479	$C_A = (-1E21) e^{-(-1479)(\ln 2)/29}$	-2.25E36
S-8000	200	3/16/1979	21.38	$C_A = (200) e^{-(21.38)(\ln 2)/29}$	120

ANALYTICAL CALCULATIONS

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Subject EDS Test Values
 Originator Coastal Engineer L. E. Covey, Jr. J. Covey Date 8/11/00
 Checker QA ENGINEER M. A. HILL MASH Date 8/11/00

Decay Equation

$$C_A = C_{A_0} e^{-t \ln 2 / t_{1/2}}$$

C_A = current watts

C_{A_0} = original watts

t = elapsed time in years between C_A and C_{A_0}

$t_{1/2}$ = half-life of cesium (30.17 years) or strontium (29.0 years)

Note: All calculations use a decay date of July 31, 2000.

Test Capsule C-5000

$$C_A = C_{A_0} e^{-t \ln 2 / t_{1/2}}$$

$$C_{A_0} = 1 \times 10^{25} \text{ watts}$$

assumed calorimetry date = 1/1/1492

$$t = \frac{(7/31/00) - (1/1/1492)}{365.25} = 508.6 \text{ years}$$

$$t_{1/2} = 30.17 \text{ years}$$

$$C_A = (1 \times 10^{25}) e^{-(508.6)(\ln 2) / 30.17}$$

$$= 8.42 \times 10^{19} \text{ watts}$$

Test Capsule C-6000

$$C_A = C_{A_0} e^{-t \ln 2 / t_{1/2}}$$

$$C_{A_0} = 1 \times 10^{-22} \text{ watts}$$

assumed calorimetry date = 7/31/2000

$$t = \frac{(7/31/00) - (7/31/00)}{365.25} = 0 \text{ years}$$

$$t_{1/2} = 30.17 \text{ years}$$

$$C_A = (1 \times 10^{-22}) e^{-(0)(\ln 2) / 30.17}$$

$$= 1 \times 10^{-22} \text{ watts}$$

ANALYTICAL CALCULATIONS

Page 2 of 4

Subject EDS Test Values
 Originator Capsule Engineer h. E. Covey Jan J Covey Date 8/11/00
 Checker QA ENGINEER M. A. Hill M.A.H. Date 8/11/00

Test Capsule C-7000

$$C_A = C_{A_0} e^{-t \ln 2 / t_{1/2}}$$

$$C_{A_0} = -1 \times 10^{21} \text{ watts}$$

$$\text{assumed calorimetry date} = 3/16/3479$$

$$t = \frac{(7/31/00) - (3/16/3479)}{365.25} = -1479 \text{ years}$$

$$t_{1/2} = 30.17 \text{ years}$$

$$C_A = (-1 \times 10^{21}) (e^{-(-1479)(\ln 2)/30.17})$$

$$= -5.72 \times 10^{35}$$

Test Capsule C-8000

$$C_A = C_{A_0} e^{-t \ln 2 / t_{1/2}}$$

$$C_{A_0} = 2000 \text{ watts}$$

$$\text{assumed calorimetry date} = 3/16/1979$$

$$t = \frac{(7/31/00) - (3/16/1979)}{365.25} = 21.38 \text{ years}$$

$$t_{1/2} = 30.17 \text{ years}$$

$$C_A = (2000) e^{-(21.38)(\ln 2)/30.17}$$

$$= 122 \text{ watts}$$

ANALYTICAL CALCULATIONS

Page 3 of 4Subject EDS Test ValuesOriginator Capsule Engineer L.J. Covey L.J. CoveyDate 8/11/00Checker QA ENGINEER M.A. Hill M.A. HillDate 8/11/00Test Capsule S-50250

$$C_A = C_{A_0} e^{-t \ln 2 / t_{1/2}}$$

$$C_{A_0} = 1 \times 10^{25} \text{ watts}$$

assumed calorimetry date = 1/1/1492

$$t = \frac{(7/31/00) - (1/1/1492)}{365.25} = 508.6 \text{ years}$$

$$t_{1/2} = 29.0 \text{ years}$$

$$C_A = (1 \times 10^{25}) e^{-(508.6)(\ln 2) / 29.0}$$

$$= 5.25 \times 10^{19} \text{ watts}$$

Test Capsule S-60500

$$C_A = C_{A_0} e^{-t \ln 2 / t_{1/2}}$$

$$C_{A_0} = 1 \times 10^{-22} \text{ watts}$$

assumed calorimetry date = 7/31/00

$$t = \frac{(7/31/00) - (7/31/00)}{365.25} = 0 \text{ years}$$

$$t_{1/2} = 29.0 \text{ years}$$

$$C_A = (1 \times 10^{-22}) e^{-(0)(\ln 2) / 29.0}$$

$$= 1 \times 10^{-22} \text{ watts}$$

ANALYTICAL CALCULATIONS

Page 4 of 4Subject EDS Test ValuesOriginator Capsule Engineer LF Covey J. J. Covey Date 8/11/00Checker QA ENGINEER M.A. HILL M.A.H. Date 8/11/00Test Capsule S-7000

$$C_A = C_{A_0} e^{-t \ln 2 / t_{1/2}}$$

$$C_{A_0} = -1 \times 10^{21} \text{ watts}$$

assumed calorimetry date = 3/16/3479

$$t = \frac{(7/31/00) - (3/16/3479)}{365.25} = -1479 \text{ years}$$

$$t_{1/2} = 29.0 \text{ years}$$

$$C_A = (-1 \times 10^{21}) e^{-(-1479)(\ln 2) / 29.0}$$

$$= -2.25 \times 10^{36} \text{ watts}$$

Test Capsule S-8000

$$C_A = C_{A_0} e^{-t \ln 2 / t_{1/2}}$$

$$C_{A_0} = 200 \text{ watts}$$

assumed calorimetry date = 3/16/1979

$$t = \frac{(7/31/00) - (3/16/1979)}{365.25} = 21.38 \text{ years}$$

$$t_{1/2} = 29.0 \text{ years}$$

$$C_A = (200) e^{-(21.38)(\ln 2) / 29.0}$$


$$= 120 \text{ watts}$$

APPENDIX B – QA VERIFIED RUN BOOK DATA

QC INSPECTION PLAN FOR VERIFICATION OF THE WASTE ENCAPSULATION AND STORAGE FACILITY CESIUM CAPSULE DATA

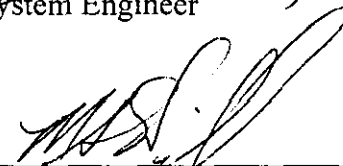
This inspection plan will have QC verify the outer capsule identification number, the corresponding run book (year capsule was produced and production number), the date the calorimetry was performed, and the original calculated wattage using the facility copies of the cesium run books.

The numbers used to calculate capsule wattage (e.g., tank volumes, temperature differences) varied between 2 and 4 significant figures. For simplicity and to accommodate for rounding errors, 3 significant figures were chosen for this database. When performing rounding, the number was rounded up if it was a 5 or higher and rounded down if it was a 4 or lower.



System Engineer

4/5/00
Date



Quality Assurance

4/5/00
Date

April 2000

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QC INSPECTION PLAN FOR VERIFICATION OF CESIUM CAPSULE DATA

Outer Capsule ID	Production # (Run book)	Calorimetry Date	Original Wattage (W)	Engineering Verification (initials/date)	QC Verification (initials/date)
C-84	75-03	31-Jul-75	219	JL 4/5/00	MB 4-6-00
C-98	75-03	31-Jul-75	216	JL 4/5/00	MB 4-6-00
C-76	75-04	31-Aug-75	324	JL 4/5/00	MB 4-6-00
C-114	75-05	25-Sep-75	322	JL 4/5/00	MB 4-6-00
C-115	75-05	25-Sep-75	232	JL 4/5/00	MB 4-6-00
C-116	75-05	25-Sep-75	305	JL 4/5/00	MB 4-6-00
C-48	75-05	25-Sep-75	315	JL 4/5/00	MB 4-6-00
C-77	75-05	25-Sep-75	303	JL 4/5/00	MB 4-6-00
C-93	75-05	25-Sep-75	304	JL 4/5/00	MB 4-6-00
C-118	75-06	26-Sep-75	330 329	JL 4/5/00	MB 4-6-00
C-119	75-06	26-Sep-75	328 327	JL 4/5/00	MB 4-6-00
C-120	75-06	26-Sep-75	327	JL 4/5/00	MB 4-6-00
C-121	75-06	26-Sep-75	326	JL 4/5/00	MB 4-6-00
C-57	75-06	26-Sep-75	328 327	JL 4/5/00	MB 4-6-00
C-58	75-06	26-Sep-75	328 327	JL 4/5/00	MB 4-6-00
C-63	75-07	30-Sep-75	323	JL 4/5/00	MB 4-6-00
C-82	75-07	06-Oct-75	335	JL 4/5/00	MB 4-6-00
C-65	75-08	08-Oct-75	347	JL 4/5/00	MB 4-6-00
C-66	75-08	08-Oct-75	334	JL 4/5/00	MB 4-6-00
C-68	75-08	08-Oct-75	337	JL 4/5/00	MB 4-6-00
C-71	75-08	08-Oct-75	334	JL 4/5/00	MB 4-6-00
C-78	75-08	08-Oct-75	336	JL 4/5/00	MB 4-6-00
C-80	75-08	08-Oct-75	335	JL 4/5/00	MB 4-6-00
C-129	76-10	27-Jan-76	358	JL 4/5/00	MB 4-6-00
C-131	76-10	27-Jan-76	358	JL 4/5/00	MB 4-6-00
C-127	76-11	29-Jan-76	343	JL 4/5/00	MB 4-6-00
C-136	76-11	29-Jan-76	346	JL 4/5/00	MB 4-6-00
C-137	76-11	29-Jan-76	343	JL 4/5/00	MB 4-6-00
C-138	76-11	29-Jan-76	341	JL 4/5/00	MB 4-6-00
C-139	76-11	29-Jan-76	345	JL 4/5/00	MB 4-6-00
C-140	76-11	29-Jan-76	266	JL 4/5/00	MB 4-6-00
C-83	76-11	29-Jan-76	338	JL 4/5/00	MB 4-6-00
C-142	76-12	24-Feb-76	318	JL 4/5/00	MB 4-6-00

SIGNATURE SECTION:

Lori J Covey
Print Name

Lori J Covey
Signature

JL
Initials

MICHAEL F. BRICKEY SR.
Print Name

Michael F. Brickey Sr.
Signature

MB
Initials

Print Name

Signature

Initials

QC INSPECTION PLAN FOR VERIFICATION OF CESIUM CAPSULE DATA

Outer Capsule ID	Production # (Run book)	Calorimetry Date	Original Wattage (W)	Engineering Verification (initials/date)	QC Verification (initials/date)
C-143	76-12	24-Feb-76	344	ZE 4/5/00	WB 4-6-00
C-146	76-12	24-Feb-76	321	ZE 4/5/00	WB 4-6-00
C-147	76-12	24-Feb-76	321	ZE 4/5/00	WB 4-6-00
C-41	76-12	24-Feb-76	316	ZE 4/5/00	WB 4-6-00
C-128	76-13	26-Feb-76	344	ZE 4/5/00	WB 4-6-00
C-135	76-13	23-Feb-76	333	ZE 4/5/00	WB 4-6-00
C-144	76-13	23-Feb-76	308	ZE 4/5/00	WB 4-6-00
C-148	76-13	23-Feb-76	^{WB 4-6-00} 334 333	ZE 4/5/00	WB 4-6-00
C-34	76-13	23-Feb-76	328	ZE 4/5/00	WB 4-6-00
C-42	76-13	23-Feb-76	316	ZE 4/5/00	WB 4-6-00
C-150	76-14	28-Feb-76	322	ZE 4/5/00	WB 4-6-00
C-151	76-14	28-Feb-76	310	ZE 4/5/00	WB 4-6-00
C-152	76-14	28-Feb-76	310	ZE 4/5/00	WB 4-6-00
C-153	76-14	28-Feb-76	308	ZE 4/5/00	WB 4-6-00
C-154	76-14	28-Feb-76	306	ZE 4/5/00	WB 4-6-00
C-155	76-14	28-Feb-76	305	ZE 4/5/00	WB 4-6-00
C-100	76-15	05-Mar-76	317	ZE 4/5/00	WB 4-6-00
C-156	76-15	05-Mar-76	317	ZE 4/5/00	WB 4-6-00
C-157	76-15	05-Mar-76	319	ZE 4/5/00	WB 4-6-00
C-158	76-15	05-Mar-76	321	ZE 4/5/00	WB 4-6-00
C-162	76-15	05-Mar-76	317	ZE 4/5/00	WB 4-6-00
C-163	76-15	05-Mar-76	316	ZE 4/5/00	WB 4-6-00
C-164	76-15	05-Mar-76	319	ZE 4/5/00	WB 4-6-00
C-159	76-16	13-Mar-76	319	ZE 4/5/00	WB 4-6-00
C-160	76-16	13-Mar-76	321	ZE 4/5/00	WB 4-6-00
C-161	76-16	13-Mar-76	320	ZE 4/5/00	WB 4-6-00
C-166	76-16	13-Mar-76	310	ZE 4/5/00	WB 4-6-00
C-167	76-16	13-Mar-76	308	ZE 4/5/00	WB 4-6-00
C-43	76-16	13-Mar-76	319	ZE 4/5/00	WB 4-6-00
C-44	76-16	13-Mar-76	316	ZE 4/5/00	WB 4-6-00
C-35	76-17	15-Mar-76	336	ZE 4/5/00	WB 4-6-00
C-38	76-17	15-Mar-76	333	ZE 4/5/00	WB 4-6-00
C-46	76-17	15-Mar-76	332	ZE 4/5/00	WB 4-6-00
C-69	76-17	15-Mar-76	332	ZE 4/5/00	WB 4-6-00
C-96	76-17	15-Mar-76	317	ZE 4/5/00	WB 4-6-00

SIGNATURE SECTION:

Lori I Covey
Print Name

Ja D Covey
Signature

ZE
Initials

MICHAEL F. BRICKEY SR
Print Name

Michael F. Brickey SR
Signature

WB
Initials

Print Name

Signature

Initials

QC INSPECTION PLAN FOR VERIFICATION OF CESIUM CAPSULE DATA

Outer Capsule ID	Production # (Run book)	Calorimetry Date	Original Wattage (W)	Engineering Verification (initials/date)	QC Verification (initials/date)
C-174	76-18	27-Apr-76	307	JL 4/5/76	MB 4-6-00
C-175	76-18	27-Apr-76	304	JL 4/5/76	MB 4-6-00
C-176	76-18	27-Apr-76	^{MB} 4-6-00 325 316	JL 4/5/76	MB 4-6-00
C-186	76-18	27-Apr-76	309	JL 4/5/76	MB 4-6-00
C-85	76-18	28-Apr-76	312	JL 4/5/76	MB 4-6-00
C-86	76-18	27-Apr-76	313	JL 4/5/76	MB 4-6-00
C-177	76-19	03-Sep-76	291	JL 4/5/76	MB 4-6-00
C-178	76-19	03-Sep-76	318	JL 4/5/76	MB 4-6-00
C-179	76-19	03-Sep-76	316	JL 4/5/76	MB 4-6-00
C-200	76-19	03-Sep-76	315	JL 4/5/76	MB 4-6-00
C-203	76-20	01-Oct-76	336	JL 4/5/76	MB 4-6-00
C-205	76-20	01-Oct-76	323	JL 4/5/76	MB 4-6-00
C-211	76-20	01-Oct-76	331	JL 4/5/76	MB 4-6-00
C-221	76-21	05-Nov-76	293	JL 4/5/76	MB 4-6-00
C-222	76-21	05-Nov-76	271	JL 4/5/76	MB 4-6-00
C-223	76-21	05-Nov-76	296	JL 4/5/76	MB 4-6-00
C-224	76-21	05-Nov-76	289	JL 4/5/76	MB 4-6-00
C-187	76-22	16-Dec-76	311	JL 8/1/76	MB 8-8-00
C-189	76-22	16-Dec-76	322	JL 8/1/76	MB 8-8-00
C-190	76-22	16-Dec-76	322	JL 8/1/76	MB 8-8-00
C-209	76-22	16-Dec-76	352	JL 8/1/76	MB 8-8-00
C-210	76-22	16-Dec-76	331	JL 8/1/76	MB 8-8-00
C-212	76-23	28-Dec-76	316	JL 8/1/76	MB 8-8-00
C-213	76-23	14-Dec-76	321	JL 8/1/76	MB 8-8-00
C-218	76-23	14-Dec-76	317	JL 8/1/76	MB 8-8-00
C-228	76-23	14-Dec-76	316	JL 8/1/76	MB 8-8-00
C-185	76-24	20-Dec-76	301	JL 8/1/76	MB 8-8-00
C-188	76-24	20-Dec-76	302	JL 8/1/76	MB 8-8-00
C-214	76-24	20-Dec-76	301	JL 8/1/76	MB 8-8-00
C-229	76-24	20-Dec-76	292	JL 8/1/76	MB 8-8-00
C-230	76-24	20-Dec-76	302	JL 8/1/76	MB 8-8-00
C-231	76-24	20-Dec-76	297	JL 8/1/76	MB 8-8-00
C-232	76-24	20-Dec-76	299	JL 8/1/76	MB 8-8-00
C-199	76-25	29-Dec-76	316	JL 8/1/76	MB 8-8-00
C-225	76-25	29-Dec-76	306	JL 8/1/76	MB 8-8-00

SIGNATURE SECTION:

Lori I. Covey
Print Name

Lori I. Covey
Signature

JL
Initials

MICHAEL F. BRICKEY SR
Print Name

Michael F. Brickey SR
Signature

MB
Initials

Print Name

Signature

Initials

QC INSPECTION PLAN FOR VERIFICATION OF CESIUM CAPSULE DATA

Outer Capsule ID	Production # (Run book)	Calorimetry Date	Original Wattage (W)	Engineering Verification (initials/date)	QC Verification (initials/date)
C-226	76-25	29-Dec-76	307	JL 8/1/00	MB 8-8-00
C-227	76-25	29-Dec-76	304	JL 8/1/00	MB 8-8-00
C-233	76-25	29-Dec-76	305	JL 8/1/00	MB 8-8-00
C-234	76-25	29-Dec-76	306	JL 8/1/00	MB 8-8-00
C-201	76-26	05-Jan-77	309	JL 4/5/00	MB 4-6-00
C-202	76-26	05-Jan-77	306	JL 4/5/00	MB 4-6-00
C-235	76-26	05-Jan-77	309	JL 4/5/00	MB 4-6-00
C-236	76-26	05-Jan-77	308	JL 4/5/00	MB 4-6-00
C-237	76-26	05-Jan-77	310	JL 4/5/00	MB 4-6-00
C-238	76-26	05-Jan-77	308	JL 4/5/00	MB 4-6-00
C-239	76-26	05-Jan-77	310	JL 4/5/00	MB 4-6-00
W-105	77-01	18-Feb-77	MB 4-6-00 363 357	JL 4/5/00	MB 4-6-00
C-240	77-01	18-Feb-77	324	JL 4/5/00	MB 4-6-00
C-244	77-01	18-Feb-77	350	JL 4/5/00	MB 4-6-00
C-245	77-01	18-Feb-77	320	JL 4/5/00	MB 4-6-00
C-246	77-01	18-Feb-77	324	JL 4/5/00	MB 4-6-00
C-248	77-01	18-Feb-77	326	JL 4/5/00	MB 4-6-00
C-104	77-02	18-Feb-77	308	JL 4/5/00	MB 4-6-00
C-191	77-02	18-Feb-77	296	JL 4/5/00	MB 4-6-00
C-241	77-02	18-Feb-77	295	JL 4/5/00	MB 4-6-00
C-242	77-02	18-Feb-77	MB 4-6-00 307 306	JL 4/5/00	MB 4-6-00
C-243	77-02	18-Feb-77	298	JL 4/5/00	MB 4-6-00
C-247	77-02	18-Feb-77	298	JL 4/5/00	MB 4-6-00
C-108	77-03	26-Feb-77	251	JL 4/5/00	MB 8-8-00
C-1806	77-03	26-Feb-77	264	JL 8/1/00	MB 8-8-00
C-194	77-03	26-Feb-77	259	JL 4/5/00	MB 8-8-00
C-195	77-03	26-Feb-77	259	JL 4/5/00	MB 8-8-00
C-196	77-03	26-Feb-77	260	JL 4/5/00	MB 8-8-00
C-197	77-03	26-Feb-77	257	JL 4/5/00	MB 8-8-00
C-198	77-03	26-Feb-77	MB 8-8-00 260 258	JL 4/5/00	MB 8-8-00
C-249	77-04	5-Mar-77	257	JL 8/1/00	MB 8-8-00
C-250	77-04	5-Mar-77	273	JL 8/1/00	MB 8-8-00
C-251	77-04	5-Mar-77	276	JL 8/1/00	MB 8-8-00
C-254	77-04	5-Mar-77	260	JL 8/1/00	MB 8-8-00
C-215	77-05	11-Mar-77	255	JL 4/5/00	MB 4-6-00

SIGNATURE SECTION:

Lori I Covey
Print Name

Lori I Covey
Signature

JL
Initials

MICHAEL F BRICKEY SR
Print Name

Michael F. Brickey SR
Signature

MB
Initials

Print Name

Signature

Initials

QC INSPECTION PLAN FOR VERIFICATION OF CESIUM CAPSULE DATA

Outer Capsule ID	Production # (Run book)	Calorimetry Date	Original Wattage (W)	Engineering Verification (initials/date)	QC Verification (initials/date)
C-216	77-05	11-Mar-77	257	Je 4/5/00	MB 4-6-00
C-217	77-05	11-Mar-77	272	Je 4/5/00	MB 4-6-00
C-220	77-06	18-May-77	312	Je 4/5/00	MB 4-6-00
C-256	77-06	18-May-77	304	Je 4/5/00	MB 4-6-00
C-258	77-06	18-May-77	290	Je 4/5/00	MB 4-6-00
C-259	77-06	18-May-77	277	Je 4/5/00	MB 4-6-00
C-280	77-07	10-Jun-77	300	Je 4/5/00	MB 4-6-00
C-283	77-07	10-Jun-77	298	Je 4/5/00	MB 4-6-00
C-286	77-07	10-Jun-77	288	Je 4/5/00	MB 4-6-00
C-274	77-08	05-Jul-77	310	Je 4/5/00	MB 4-6-00
C-284	77-08	23-Jun-77	289	Je 4/5/00	MB 4-6-00
C-285	77-08	22-Jun-77	292	Je 4/5/00	MB 4-6-00
W-287	77-08	22-Jun-77	295	Je 4/5/00	MB 4-10-00
C-291	78-01	19-Sep-78	297	Je 8/1/00	MB 8-8-00
C-292	78-01	19-Sep-78	298	Je 8/1/00	MB 8-8-00
C-293	78-01	19-Sep-78	299	Je 8/1/00	MB 8-8-00
C-294	78-01	19-Sep-78	298	Je 8/1/00	MB 8-8-00
C-295	78-01	19-Sep-78	299	Je 8/1/00	MB 8-8-00
C-317	78-01RW ^{MB 4-11-00}	24-05-Oct-78	267	Je 4/5/00	MB 4-11-00
C-318	78-01RW ^{MB 4-11-00}	24-05-Oct-78	301	Je 4/5/00	MB 4-11-00
C-319	78-01RW ^{MB 4-11-00}	24-05-Oct-78	307	Je 4/5/00	MB 4-11-00
C-320	78-01RW ^{MB 4-11-00}	24-05-Oct-78	293	Je 4/5/00	MB 4-11-00
C-322	78-01RW ^{MB 4-11-00}	24-05-Oct-78	305	Je 4/5/00	MB 4-11-00
C-296	78-02	25-Sep-78	311	Je 8/1/00	MB 8-8-00
C-297	78-02	25-Sep-78	312	Je 8/1/00	MB 8-8-00
C-299	78-02	25-Sep-78	310	Je 8/1/00	MB 8-8-00
C-342	78-02	25-Sep-78	310	Je 8/1/00	MB 8-8-00
C-301	78-03	04-Oct-78	323	Je 4/5/00	MB 4-10-00
C-303	78-03	04-Oct-78	327	Je 4/5/00	MB 4-10-00
C-306	78-03	04-Oct-78	335	Je 4/5/00	MB 4-10-00
C-269	78-04	18-Oct-78	334	Je 4/5/00	MB 4-10-00
C-314	78-04	18-Oct-78	337	Je 4/5/00	MB 4-10-00
C-315	78-04	18-Oct-78	334	Je 4/5/00	MB 4-10-00
C-316	78-04	18-Oct-78	337	Je 4/5/00	MB 4-10-00
C-324	78-05	27-Oct-78	288	Je 4/5/00	MB 4-10-00

SIGNATURE SECTION:

Lori I Covey
Print Name

Lori I Covey
Signature

Je
Initials

MICHAEL F BRICKEY SR
Print Name

Michael F. Brickey
Signature

MB
Initials

Print Name

Signature

Initials

QC INSPECTION PLAN FOR VERIFICATION OF CESIUM CAPSULE DATA

Outer Capsule ID	Production # (Run book)	Calorimetry Date	Original Wattage (W)	Engineering Verification (initials/date)	QC Verification (initials/date)
C-325	78-05	27-Oct-78	312	JL 4/5/00	MB 4-10-00
C-326	78-05	27-Oct-78	320	JL 4/5/00	MB 4-10-00
C-330	78-05	27-Oct-78	272	JL 4/5/00	MB 4-10-00
C-332	78-05	27-Oct-78	313	JL 4/5/00	MB 4-10-00
C-336	78-06	08-Nov-78	300	JL 4/5/00	MB 4-10-00
C-338	78-06	08-Nov-78	299	JL 4/5/00	MB 4-10-00
C-339	78-06	08-Nov-78	309	JL 4/5/00	MB 4-10-00
C-340	78-06	08-Nov-78	308	JL 4/5/00	MB 4-10-00
C-372	78-06	08-Nov-78	267	JL 4/5/00	MB 4-10-00
C-373	78-06	08-Nov-78	297	JL 4/5/00	MB 4-10-00
C-335	78-07	29-Nov-78	255	JL 4/5/00	MB 4-10-00
C-412	78-07	29-Nov-78	283	JL 4/5/00	MB 4-10-00
C-414	78-08	29-Nov-78	292	JL 4/5/00	MB 4-10-00
C-415	78-08	29-Nov-78	279	JL 4/5/00	MB 4-10-00
C-416	78-08	29-Nov-78	287	JL 4/5/00	MB 4-10-00
C-417	78-08	29-Nov-78	282	JL 4/5/00	MB 4-10-00
C-418	78-08	29-Nov-78	278	JL 4/5/00	MB 4-10-00
C-268	78-09	11-Dec-78	300	JL 4/5/00	MB 4-10-00
C-334	78-09	11-Dec-78	310	JL 4/5/00	MB 4-10-00
C-406	78-09	11-Dec-78	307	JL 4/5/00	MB 4-10-00
C-408	78-09	11-Dec-78	309	JL 4/5/00	MB 4-10-00
C-409	78-09	11-Dec-78	305	JL 4/5/00	MB 4-10-00
C-410	78-09	11-Dec-78	307	JL 4/5/00	MB 4-10-00
C-411	78-09	11-Dec-78	305	JL 4/5/00	MB 4-10-00
C-13	78-10	13-Dec-78	302	JL 4/5/00	MB 4-10-00
C-15	78-10	13-Dec-78	301	JL 4/5/00	MB 4-10-00
C-173	78-11	27-Dec-78	270	JL 4/5/00	MB 4-10-00
C-18	78-11	27-Dec-78	275	JL 4/5/00	MB 4-10-00
C-180	78-11	27-Dec-78	273	JL 4/5/00	MB 4-10-00
C-184	78-11	27-Dec-78	282	JL 4/5/00	MB 4-10-00
C-19	78-11	27-Dec-78	276	JL 4/5/00	MB 4-10-00
C-207	78-11	27-Dec-78	279	JL 4/5/00	MB 4-10-00
C-27	78-11	27-Dec-78	275	JL 4/5/00	MB 4-10-00
C-145	79-01	26-Jan-79	237	JL 4/5/00	MB 4-10-00
C-491	79-01R	23-Mar-79	280	JL 4/5/00	MB 4-10-00

SIGNATURE SECTION:

Lori I Covey
Print Name

Lori I Covey
Signature

JL
Initials

MICHAEL F. BRICKEY SR
Print Name

Michael F. Brickey SR
Signature

MB
Initials

Print Name

Signature

Initials

QC INSPECTION PLAN FOR VERIFICATION OF CESIUM CAPSULE DATA

Outer Capsule ID	Production # (Run book)	Calorimetry Date	Original Wattage (W)	Engineering Verification (initials/date)	QC Verification (initials/date)
C-492	79-01R	23-Mar-79	326	JL 4/5/00	MB 4-10-00
C-493	79-01R	23-Mar-79	317	JL 4/5/00	MB 4-10-00
C-494	79-01R	23-Mar-79	314	JL 4/5/00	MB 4-10-00
C-495	79-01R	23-Mar-79	316	JL 4/5/00	MB 4-10-00
C-181	79-02	05-Feb-79	290	JL 4/5/00	MB 4-10-00
C-182	79-02	05-Feb-79	309	JL 4/5/00	MB 4-10-00
C-183	79-02	05-Feb-79	286	JL 4/5/00	MB 4-10-00
C-204	79-02	05-Feb-79	310	JL 4/5/00	MB 4-10-00
C-208	79-02	05-Feb-79	337	JL 4/5/00	MB 4-10-00
C-255	79-02	05-Feb-79	314	JL 4/5/00	MB 4-10-00
C-263	79-02	05-Feb-79	311	JL 4/5/00	MB 4-10-00
C-264	79-03	09-Feb-79	309	JL 4/5/00	MB 4-10-00
C-265	79-03	09-Feb-79	314	JL 4/5/00	MB 4-10-00
C-266	79-03	09-Feb-79	313	JL 4/5/00	MB 4-10-00
C-267	79-03	09-Feb-79	287	JL 4/5/00	MB 4-10-00
C-270	79-03	09-Feb-79	316	JL 4/5/00	MB 4-10-00
C-271	79-03	09-Feb-79	318	JL 4/5/00	MB 4-10-00
C-262	79-04	16-Feb-79	280	JL 4/5/00	MB 4-10-00
C-272	79-04	16-Feb-79	287	JL 4/5/00	MB 4-10-00
C-273	79-04 ^{MB 4-11-00}	28 Feb-79	287	JL 4/5/00	MB 4-11-00
C-276	79-04	16-Feb-79	285	JL 4/5/00	MB 4-10-00
C-95	79-04	16-Feb-79	289	JL 4/5/00	MB 4-10-00
C-109	79-05	23-Feb-79	256	JL 4/5/00	MB 4-10-00
C-110	79-05	23-Feb-79	270	JL 4/5/00	MB 4-10-00
C-149	79-05	23-Feb-79	260	JL 4/5/00	MB 4-10-00
C-275	79-05	23-Feb-79	261	JL 4/5/00	MB 4-10-00
C-278	79-05	23-Feb-79	278	JL 4/5/00	MB 4-10-00
C-346	79-05	23-Feb-79	278	JL 4/5/00	MB 4-10-00
C-348	79-05	23-Feb-79	266	JL 4/5/00	MB 4-10-00
C-28	79-06	02-Mar-79	327	JL 4/5/00	MB 4-10-00
C-29	79-06	02-Mar-79	329	JL 4/5/00	MB 4-10-00
C-349	79-06	02-Mar-79	331	JL 4/5/00	MB 4-10-00
C-350	79-06	02-Mar-79	332	JL 4/5/00	MB 4-10-00
C-351	79-06	02-Mar-79	330	JL 4/5/00	MB 4-10-00
C-47	79-06	02-Mar-79	325	JL 4/5/00	MB 4-10-00

SIGNATURE SECTION:

Lori E Covey
Print Name

Jeri S Croy
Signature

JL
Initials

MICHAEL F. BRIGKEY SR.
Print Name

Michael F. Brigkey Sr.
Signature

MB
Initials

Print Name

Signature

Initials

QC INSPECTION PLAN FOR VERIFICATION OF CESIUM CAPSULE DATA

Outer Capsule ID	Production # (Run book)	Calorimetry Date	Original Wattage (W)	Engineering Verification (initials/date)	QC Verification (initials/date)
C-30	79-07	07-Mar-79	303	JL 4/6/00	MB 4-10-00
C-31	79-07	07-Mar-79	325	JL 4/6/00	MB 4-10-00
C-32	79-07	07-Mar-79	289	JL 4/6/00	MB 4-10-00
C-33	79-07	07-Mar-79	324	JL 4/6/00	MB 4-10-00
C-91	79-07	07-Mar-79	323	JL 4/6/00	MB 4-10-00
C-379	79-08	12-Mar-79	317	JL 4/6/00	MB 4-10-00
C-396	79-08	12-Mar-79	314	JL 4/6/00	MB 4-10-00
C-397	79-08	12-Mar-79	311	JL 4/6/00	MB 4-10-00
C-398	79-08	12-Mar-79	315	JL 4/6/00	MB 4-10-00
C-581	79-08	12-Mar-79	258	JL 4/6/00	MB 4-10-00
C-481	79-09 ^{MB 4-10-00}	05/06-Jun-79	296	JL 4/6/00	MB 4-11-00
C-483	79-09	06-Jun-79	298	JL 4/6/00	MB 4-10-00
C-484	79-09	06-Jun-79	291	JL 4/6/00	MB 4-10-00
C-523	79-09	06-Jun-79	300	JL 4/6/00	MB 4-10-00
C-530	79-09	06-Jun-79	291	JL 4/6/00	MB 4-10-00
C-540	79-09	06-Jun-79	262	JL 4/6/00	MB 4-10-00
C-479	79-10	08-Jun-79	277	JL 4/6/00	MB 4-10-00
C-489	79-10	08-Jun-79	314	JL 4/6/00	MB 4-10-00
C-527	79-10	08-Jun-79	269	JL 4/6/00	MB 4-10-00
C-487	79-11	14-Jun-79	303	JL 4/6/00	MB 4-10-00
C-550	79-11	14-Jun-79	299	JL 4/6/00	MB 4-10-00
C-552	79-11	14-Jun-79	291	JL 4/6/00	MB 4-10-00
C-554	79-11	14-Jun-79	274	JL 4/6/00	MB 4-10-00
C-568	79-12	18-Jun-79	272	JL 4/6/00	MB 4-10-00
C-569	79-12	18-Jun-79	261	JL 4/6/00	MB 4-10-00
C-576	79-12	18-Jun-79	258	JL 4/6/00	MB 4-10-00
C-578	79-12	18-Jun-79	269	JL 4/6/00	MB 4-10-00
C-580	79-12	18-Jun-79	282	JL 4/6/00	MB 4-10-00
C-473	79-13	22-Jun-79	294	JL 4/6/00	MB 4-10-00
C-476	79-13	22-Jun-79	291	JL 4/6/00	MB 4-10-00
C-477	79-13	22-Jun-79	216	JL 4/6/00	MB 4-10-00
C-485	79-13	22-Jun-79	281	JL 4/6/00	MB 4-10-00
C-575	79-13	22-Jun-79	258	JL 4/6/00	MB 4-10-00
C-582	79-14	27-Jun-79	259	JL 4/6/00	MB 4-10-00
C-583	79-14	27-Jun-79	268	JL 4/6/00	MB 4-10-00

SIGNATURE SECTION:

Lori I Covey
Print Name

Lori I Covey
Signature

JL
Initials

MICHAEL F. BACKEY SR
Print Name

Michael F. Backey, Sr.
Signature

MB
Initials

Print Name

Signature

Initials

QC INSPECTION PLAN FOR VERIFICATION OF CESIUM CAPSULE DATA

Outer Capsule ID	Production # (Run book)	Calorimetry Date	Original Wattage (W)	Engineering Verification (initials/date)	QC Verification (initials/date)
C-588	79-14	27-Jun-79	253	JL 4/6/00	MB 4-10-00
C-442	79-15	29-Jun-79	244	JL 4/6/00	MB 4-10-00
C-446	79-15	29-Jun-79	242	JL 4/6/00	MB 4-10-00
C-455	79-15	29-Jun-79	247	JL 4/6/00	MB 4-10-00
C-471	79-15	29-Jun-79	244	JL 4/6/00	MB 4-10-00
C-472	79-15	29-Jun-79	246	JL 4/6/00	MB 4-10-00
C-564	79-15	29-Jun-79	250	JL 4/6/00	MB 4-10-00
C-426	79-16	04-Jul-79	249	JL 4/6/00	MB 4-10-00
C-432	79-16	04-Jul-79	276	JL 4/6/00	MB 4-10-00
C-435	79-16	04-Jul-79	267	JL 4/6/00	MB 4-10-00
C-436	79-16	04-Jul-79	292	JL 4/6/00	MB 4-10-00
C-441	79-16	04-Jul-79	254	JL 4/6/00	MB 4-10-00
C-440	79-17 ^{MB} 4-11-00	10 06-Jul-79	286	JL 4/6/00	MB 4-11-00
C-457	79-17	06-Jul-79	284	JL 4/6/00	MB 4-11-00
C-459	79-17	06-Jul-79	278	JL 4/6/00	MB 4-11-00
C-460	79-17	06-Jul-79	284	JL 4/6/00	MB 4-11-00
C-468	79-17	06-Jul-79	278	JL 4/6/00	MB 4-11-00
C-505	79-18	24-Jul-79	266	JL 4/6/00	MB 4-10-00
C-506	79-18	24-Jul-79	270	JL 4/6/00	MB 4-10-00
C-591	79-18	24-Jul-79	264	JL 4/6/00	MB 4-10-00
C-592	79-18	24-Jul-79	269	JL 4/6/00	MB 4-10-00
C-387	79-19 ^{MB} 4-10-00	29 27-Aug-79	289	JL 4/6/00	MB 4-10-00
C-452	79-19	29-Aug-79	309	JL 4/6/00	MB 4-10-00
C-454	79-19	04-Sep-79	274	JL 4/6/00	MB 4-10-00
C-52	79-19	23-Aug-79	318	JL 4/6/00	MB 4-10-00
C-363	79-20	28-Aug-79	243	JL 4/6/00	MB 4-10-00
C-367	79-20	28-Aug-79	267	JL 4/6/00	MB 4-10-00
C-521	79-20	30-Aug-79	306	JL 4/6/00	MB 4-10-00
C-572	79-21	11-Sep-79	265	JL 4/6/00	MB 4-10-00
C-594	79-21	10-Sep-79	252	JL 4/6/00	MB 4-10-00
C-595	79-21	10-Sep-79	244	JL 4/6/00	MB 4-10-00
C-597	79-21	10-Sep-79	260	JL 4/6/00	MB 4-10-00
C-598	79-21	10-Sep-79	252	JL 4/6/00	MB 4-10-00
C-443	79-22	24-Sep-79	262	JL 4/6/00	MB 4-10-00
C-447	79-22	25-Sep-79	282	JL 4/6/00	MB 4-10-00

SIGNATURE SECTION:

Lori F. Covey
Print Name

Lori J. Covey
Signature

JL
Initials

MICHAEL F. BRICKEY SR.
Print Name

Michael F. Brickey SR
Signature

MB
Initials

Print Name

Signature

Initials

QC INSPECTION PLAN FOR VERIFICATION OF CESIUM CAPSULE DATA

Outer Capsule ID	Production # (Run book)	Calorimetry Date	Original Wattage (W)	Engineering Verification (initials/date)	QC Verification (initials/date)
C-474	79-22	25-Sep-79	245	JE 4/6/00	MB 4-10-00
C-584	79-22	25-Sep-79	278	JE 4/6/00	MB 4-10-00
C-590	79-22	25-Sep-79	244	JE 4/6/00	MB 4-10-00
C-400	79-23	02-Oct-79	295	JE 4/6/00	MB 4-10-00
C-401	79-23	02-Oct-79	287	JE 4/6/00	MB 4-10-00
C-402	79-23	03-Oct-79	277	JE 4/6/00	MB 4-10-00
C-403	79-23	02-Oct-79	285	JE 4/6/00	MB 4-10-00
C-405	79-23	03-Oct-79	279	JE 4/6/00	MB 4-10-00
C-1807	79-24	05-Oct-79	286	JE 8/1/00	MB 8-8-00
C-461	79-24	15-Oct-79	267	JE 4/6/00	MB 8-8-00
C-517	79-24	04-Oct-79	275	JE 4/6/00	MB 8-8-00
C-518	79-24	04-Oct-79	272	JE 4/6/00	MB 8-8-00
C-602	79-24	05-Feb-80	258	JE 4/6/00	MB 8-8-00
C-376	79-25	18-Oct-79	284	JE 4/6/00	MB 4-10-00
C-386	79-25	19-Oct-79	241	JE 4/6/00	MB 4-10-00
C-377	79-26	19-Oct-79	286	JE 4/6/00	MB 4-10-00
C-380	79-26 ^{MB} 4-11-00	18 19-Oct-79	287	JE 4/6/00	MB 4-11-00
C-381	79-26	19-Oct-79	263	JE 4/6/00	MB 4-10-00
C-392	79-26	19-Oct-79	343	JE 4/6/00	MB 4-10-00
C-393	79-26	19-Oct-79	319	JE 4/6/00	MB 4-10-00
C-394	79-26	19-Oct-79	330	JE 4/6/00	MB 4-10-00
C-427	79-26	31-Oct-79	296	JE 4/6/00	MB 4-10-00
C-421	79-27 ^{MB} 4-11-00	01 31 ^{Nov} Oct-79	271	JE 4/6/00	MB 4-11-00
C-431	79-27	01-Nov-79	255	JE 4/6/00	MB 4-10-00
C-434	79-27	30-Oct-79	263	JE 4/6/00	MB 4-10-00
C-525	79-27	30-Oct-79	279	JE 4/6/00	MB 4-10-00
C-604	79-27	06-Feb-80	256	JE 4/6/00	MB 4-10-00
C-424	79-28 ^{MB} 4-11-00	01 31 ^{Nov} Oct-79	269	JE 4/6/00	MB 4-11-00
C-448	79-28	31-Oct-79	274	JE 4/6/00	MB 4-10-00
C-507	79-28	02-Nov-79	270	JE 4/6/00	MB 4-10-00
C-531	79-28	02-Nov-79	294	JE 4/6/00	MB 4-10-00
C-532	79-28	01-Nov-79	241	JE 4/6/00	MB 4-10-00
C-730	79-28	22-Jun-80	274	JE 4/6/00	MB 4-10-00
C-555	79-29	20-Dec-79	248	JE 4/6/00	MB 4-10-00
C-425	79-30	21-Dec-79	238	JE 4/6/00	MB 4-10-00

SIGNATURE SECTION:

Lori J. Covey
Print Name

Lori J. Covey
Signature

JE
Initials

MICHAEL F. BRICKEY SR
Print Name

Michael F. Brickey SR
Signature

MB
Initials

Print Name

Signature

Initials

QC INSPECTION PLAN FOR VERIFICATION OF CESIUM CAPSULE DATA

Outer Capsule ID	Production # (Run book)	Calorimetry Date	Original Wattage (W)	Engineering Verification (initials/date)	QC Verification (initials/date)
C-480	79-30	27-Dec-79	243	JL 4/6/00	MB 4-10-00
C-497	79-30 ^{MB} ₄₋₁₁₋₀₀	27 27-Dec-79	255	JL 4/6/00	MB 4-10-00
C-515	79-30	31-Dec-79	256	JL 4/6/00	MB 4-10-00
C-524	79-30	26-Dec-79	235	JL 4/6/00	MB 4-10-00
C-562	79-30	27-Dec-79	233	JL 4/6/00	MB 4-10-00
C-488	79-31 ^{MB} ₄₋₁₁₋₀₀	28 02-Jan-80	185	JL 4/6/00	MB 4-11-00
C-545	79-31	28-Dec-79	238	JL 4/6/00	MB 4-10-00
C-553	79-31	31-Dec-79	277	JL 4/6/00	MB 4-10-00
C-557	79-31	31-Dec-79	243	JL 4/6/00	MB 4-10-00
C-560	79-31	28-Dec-79	231	JL 4/6/00	MB 4-10-00
C-420	80-01	07-Jan-80	244	JL 4/6/00	MB 4-10-00
C-508	80-01	07-Jan-80	245	JL 4/6/00	MB 4-10-00
C-511	80-01	07-Jan-80	245	JL 4/6/00	MB 4-10-00
C-514	80-01	07-Jan-80	255	JL 4/6/00	MB 4-10-00
C-640	80-01R	06-Feb-80	254	JL 4/6/00	MB 4-10-00
C-643	80-01R	08-Feb-80	243	JL 4/6/00	MB 4-10-00
C-644	80-01R	10-Feb-80	227	JL 4/6/00	MB 4-10-00
C-648	80-01R	08-Feb-80	262	JL 4/6/00	MB 4-11-00
C-649	80-01R	08-Feb-80	245	JL 4/6/00	MB 4-10-00
C-539	80-02	09-Jan-80	232	JL 4/6/00	MB 4-10-00
C-543	80-02	09-Jan-80	244	JL 4/6/00	MB 4-10-00
C-544	80-02	09-Jan-80	244	JL 4/6/00	MB 4-10-00
C-547	80-02	09-Jan-80	285	JL 4/6/00	MB 4-10-00
C-641	80-02R	11-Feb-80	246	JL 4/6/00	MB 4-10-00
C-642	80-02R	08-Feb-80	258	JL 4/6/00	MB 4-10-00
C-646	80-02R	08-Feb-80	265	JL 4/6/00	MB 4-10-00
C-428	80-03	11-Jan-80	232	JL 4/6/00	MB 4-10-00
C-429	80-03	11-Jan-80	274	JL 4/6/00	MB 4-10-00
C-430	80-03	11-Jan-80	285	JL 4/6/00	MB 4-10-00
C-467	80-03	11-Jan-80	250	JL 4/6/00	MB 4-10-00
C-469	80-03	11-Jan-80	254	JL 4/6/00	MB 4-10-00
C-470	80-03	11-Jan-80	260	JL 4/6/00	MB 4-10-00
C-791	80-03R	18-Jun-80	289	JL 4/6/00	MB 4-10-00
C-792	80-03R ^{MB} ₄₋₁₁₋₀₀	16-Jun-80	266	JL 4/6/00	MB 4-11-00
C-793	80-03R ^{MB} ₄₋₁₁₋₀₀	16-Jun-80	279	JL 4/6/00	MB 4-11-00

SIGNATURE SECTION:

<u>Lois I Covey</u> Print Name	<u>Lois I Covey</u> Signature	<u>JL</u> Initials
<u>MICHAEL F. BRICKEY SR</u> Print Name	<u>Michael F. Brickey SR</u> Signature	<u>MB</u> Initials
_____ Print Name	_____ Signature	_____ Initials

QC INSPECTION PLAN FOR VERIFICATION OF CESIUM CAPSULE DATA

Outer Capsule ID	Production # (Run book)	Calorimetry Date	Original Wattage (W)	Engineering Verification (initials/date)	QC Verification (initials/date)
C-486	80-05	16-Jan-80	238	JL 4/6/80	WB 4-10-00
C-498	80-05	21-Jan-80	235	JL 4/6/80	WB 4-10-00
C-526	80-05	17-Jan-80	236	JL 4/6/80	WB 4-10-00
C-573	80-05	18-Jan-80	255	JL 4/6/80	WB 4-10-00
C-500	80-06 ^{WB 4-11-00}	18-21-Jan-80	177	JL 4/6/80	WB 4-11-00
C-510	80-06	21-Jan-80	212	JL 4/6/80	WB 4-10-00
C-617	80-07	29-Jan-80	247	JL 4/6/80	WB 4-10-00
C-620	80-07	24-Jan-80	232	JL 4/6/80	WB 4-10-00
C-622	80-07	25-Jan-80	205	JL 4/6/80	WB 4-10-00
C-354	80-08	29-Jan-80	260	JL 4/6/80	WB 4-10-00
C-355	80-08	30-Jan-80	257	JL 4/6/80	WB 4-10-00
C-357	80-08 ^{WB 4-11-00}	30-29-Jan-80	247	JL 4/6/80	WB 4-11-00
C-359	80-08	04-Feb-80	248	JL 4/6/80	WB 4-10-00
C-619	80-08	29-Jan-80	258	JL 4/6/80	WB 4-10-00
C-353	80-09	30-Jan-80	273	JL 4/6/80	WB 4-10-00
C-358	80-09	30-Jan-80	260	JL 4/6/80	WB 4-10-00
C-611	80-09	31-Jan-80	240	JL 4/6/80	WB 4-10-00
C-612	80-09	04-Feb-80	254	JL 4/6/80	WB 4-10-00
C-613	80-09	04-Feb-80	263	JL 4/6/80	WB 4-10-00
C-614	80-09	04-Feb-80	256	JL 4/6/80	WB 4-10-00
C-616	80-09	01-Feb-80	248	JL 4/6/80	WB 4-10-00
C-635	80-10	06-Feb-80	234	JL 4/6/80	WB 4-11-00
C-636	80-10	06-Feb-80	218	JL 4/6/80	WB 4-11-00
C-647	80-10	07-Feb-80	214	JL 4/6/80	WB 4-11-00
C-565	80-11	14-Feb-80	269	JL 4/6/80	WB 4-11-00
C-623	80-11	14-Feb-80	252	JL 4/6/80	WB 4-11-00
C-624	80-11	14-Feb-80	275	JL 4/6/80	WB 4-11-00
C-625	80-11	14-Feb-80	254	JL 4/6/80	WB 4-11-00
C-626	80-11	14-Feb-80	251	JL 4/6/80	WB 4-11-00
C-627	80-11	14-Feb-80	253	JL 4/6/80	WB 4-11-00
C-628	80-11	14-Feb-80	248	JL 4/6/80	WB 4-11-00
C-566	80-12	25-Feb-80	253	JL 4/6/80	WB 4-11-00
C-567	80-12	25-Feb-80	234	JL 4/6/80	WB 4-11-00
C-605	80-12	26-Feb-80	241	JL 4/6/80	WB 4-11-00
C-606	80-12	25-Feb-80	244	JL 4/6/80	WB 4-11-00

SIGNATURE SECTION:

Lori I Covey
Print Name

Lori I Covey
Signature

JL
Initials

MICHAEL F. BRICKEY SR
Print Name

Michael F. Brickey Sr
Signature

WB
Initials

Print Name

Signature

Initials

QC INSPECTION PLAN FOR VERIFICATION OF CESIUM CAPSULE DATA

Outer Capsule ID	Production # (Run book)	Calorimetry Date	Original Wattage (W)	Engineering Verification (initials/date)	QC Verification (initials/date)
C-608	80-12	25-Feb-80	248	JL 4/6/00	MS 4-11-00
C-609	80-12	25-Feb-80	243	JL 4/6/00	MS 4-11-00
C-610	80-12	25-Feb-80	228	JL 4/6/00	MS 4-11-00
C-630	80-13	28-Feb-80	258	JL 4/6/00	MS 4-11-00
C-631	80-13	28-Feb-80	258	JL 4/6/00	MS 4-11-00
C-632	80-13	29-Feb-80	266	JL 4/6/00	MS 4-11-00
C-633	80-13	27-Feb-80	265	JL 4/6/00	MS 4-11-00
C-634	80-13 ^{MS 4-11-00}	27-28-Feb-80	258	JL 4/6/00	MS 4-11-00
C-653	80-14	10-Mar-80	277	JL 4/6/00	MS 4-11-00
C-654	80-14 ^{MS 4-11-00}	10 Mar-80	266	JL 4/6/00	MS 4-11-00
C-655	80-14	07-Mar-80	275	JL 4/6/00	MS 4-11-00
C-656	80-14	07-Mar-80	273	JL 4/6/00	MS 4-11-00
C-657	80-14	10-Mar-80	242	JL 4/6/00	MS 4-11-00
C-665	80-14 ^{MS 4-11-00}	10 Mar-80	271	JL 4/6/00	MS 4-11-00
C-579	80-15	12-Mar-80	269	JL 4/6/00	MS 4-11-00
C-666	80-15	12-Mar-80	261	JL 4/6/00	MS 4-11-00
C-667	80-15	13-Mar-80	262	JL 4/6/00	MS 4-11-00
C-668	80-15	13-Mar-80	273	JL 4/6/00	MS 4-11-00
C-669	80-15	13-Mar-80	256	JL 4/6/00	MS 4-11-00
C-670	80-15	13-Mar-80	271	JL 4/6/00	MS 4-11-00
C-682	80-15	13-Mar-80	283	JL 4/6/00	MS 4-11-00
C-677	80-16	20-Mar-80	239	JL 4/6/00	MS 4-11-00
C-678	80-16	20-Mar-80	239	JL 4/6/00	MS 4-11-00
C-679	80-16	20-Mar-80	235	JL 4/6/00	MS 4-11-00
C-681	80-16	20-Mar-80	231	JL 4/6/00	MS 4-11-00
C-695	80-16	20-Mar-80	236	JL 4/6/00	MS 4-11-00
C-390	80-17 ^{MS 4-11-00}	14 05 Apr ^{Apr} -80	274 272	JL 4/6/00	MS 4-11-00
C-732	80-17	05-Apr-80	284	JL 4/6/00	MS 4-11-00
C-733	80-17	05-Apr-80	276	JL 4/6/00	MS 4-11-00
C-734	80-17	05-Apr-80	266	JL 4/6/00	MS 4-11-00
C-735	80-17	05-Apr-80	275	JL 4/6/00	MS 4-11-00
C-1803	80-18	05-Apr-80	259	JL 4/6/00	MS 8-8-00
C-708	80-18	05-Apr-80	243	JL 4/6/00	MS 8-8-00
C-709	80-18	05-Apr-80	256	JL 4/6/00	MS 8-8-00
C-711	80-18	05-Apr-80	268	JL 4/6/00	MS 8-8-00

SIGNATURE SECTION:

Lori I Covey
Print Name

Lori I Covey
Signature

JL
Initials

MICHAEL F. BRICKEYSE
Print Name

Michael F. Brickeyse
Signature

MS
Initials

Print Name

Signature

Initials

QC INSPECTION PLAN FOR VERIFICATION OF CESIUM CAPSULE DATA

Outer Capsule ID	Production # (Run book)	Calorimetry Date	Original Wattage (W)	Engineering Verification (initials/date)	QC Verification (initials/date)
C-712	80-18	09-Apr-80	241	JL 4/6/80	MB 8-8-00
C-721	80-19 ^{MB} 4-11-00	15-14-Apr-80	239	JL 4/6/80	MB 4-11-00
C-743	80-19	10-Apr-80	239	JL 4/6/80	MB 4-11-00
C-744	80-19	11-Apr-80	248	JL 4/6/80	MB 4-11-00
C-745	80-19	22-Apr-80	264	JL 4/6/80	MB 4-11-00
C-746	80-19	11-Apr-80	236	JL 4/6/80	MB 4-11-00
C-748	80-19	10-Apr-80	242	JL 4/6/80	MB 4-11-00
C-773	80-19	11-Apr-80	240	JL 4/6/80	MB 4-11-00
C-774	80-20 ^{MB} 4-11-00	16-17-Apr-80	336	JL 4/6/80	MB 4-11-00
C-775	80-20	17-Apr-80	337	JL 4/6/80	MB 4-11-00
C-778	80-20	17-Apr-80	340	JL 4/6/80	MB 4-11-00
C-391	80-21	16-May-80	266	JL 4/6/80	MB 4-11-00
C-501	80-21	23-Apr-80	243	JL 4/6/80	MB 4-11-00
C-756	80-21	22-Apr-80	250	JL 4/6/80	MB 4-11-00
C-749	80-22	25-Apr-80	266	JL 4/6/80	MB 4-11-00
C-750	80-22 ^{MB} 4-11-00	24-Feb-80	252	JL 4/6/80	MB 4-11-00
C-751	80-22	24-Apr-80	263	JL 4/6/80	MB 4-11-00
C-752	80-22	25-Apr-80	268	JL 4/6/80	MB 4-11-00
C-786	80-22	23-Apr-80	245	JL 4/6/80	MB 4-11-00
C-787	80-22	23-Apr-80	261	JL 4/6/80	MB 4-11-00
C-788	80-22	23-Apr-80	293	JL 4/6/80	MB 4-11-00
C-1804	80-23	30-Apr-80	288	JL 4/6/80	MB 8-8-00
C-384	80-23	14-May-80	254	JL 4/6/80	MB 8-8-00
C-753	80-23	02-May-80	315	JL 4/6/80	MB 8-8-00
C-760	80-23	25-Apr-80	307	JL 4/6/80	MB 8-8-00
C-659	80-24	30-Apr-80	285	JL 4/6/80	MB 4-11-00
C-660	80-24	01-May-80	260	JL 4/6/80	MB 4-11-00
C-661	80-24	01-May-80	272	JL 4/6/80	MB 4-11-00
C-662	80-24	30-Apr-80	299	JL 4/6/80	MB 4-11-00
C-663	80-24	30-Apr-80	277	JL 4/6/80	MB 4-11-00
C-671	80-24	01-May-80	269	JL 4/6/80	MB 4-11-00
C-672	80-25	05-May-80	268	JL 4/6/80	MB 4-11-00
C-673	80-25	05-May-80	298	JL 4/6/80	MB 4-11-00
C-674	80-25	07-May-80	261	JL 4/6/80	MB 4-11-00
C-675	80-25	02-May-80	269	JL 4/6/80	MB 4-11-00

SIGNATURE SECTION:

<u>Lori T Covey</u> Print Name	<u>Lori T Covey</u> Signature	<u>JL</u> Initials
<u>MICHAEL F. BRICKEY SR</u> Print Name	<u>Michael F. Brickey SR</u> Signature	<u>MB</u> Initials
_____	_____	_____
Print Name	Signature	Initials

QC INSPECTION PLAN FOR VERIFICATION OF CESIUM CAPSULE DATA

Outer Capsule ID	Production # (Run book)	Calorimetry Date	Original Wattage (W)	Engineering Verification (initials/date)	QC Verification (initials/date)
C-676	80-25	05-May-80	270	JE 4/6/00	MB 4-11-00
C-689	80-25	08-May-80	301	JE 4/6/00	MB 4-11-00
C-690	80-25	01-May-80	248	JE 4/6/00	MB 4-11-00
C-1805	80-26	05-May-80	288	JE 4/6/00	MB 4-11-00
C-685	80-26	06-May-80	285	JE 4/6/00	MB 4-11-00
C-686	80-26	06-May-80	306	JE 4/6/00	MB 4-11-00
C-691	80-26	07-May-80	276	JE 4/6/00	MB 4-11-00
C-796	80-26	19-Jun-80	306	JE 4/6/00	MB 4-11-00
C-692	80-27	08-May-80	248	JE 4/6/00	MB 4-11-00
C-694	80-27	07-May-80	250	JE 4/6/00	MB 4-11-00
C-795	80-27	19-Jun-80	264	JE 4/6/00	MB 4-11-00
C-701	80-28	12-May-80	255	JE 4/6/00	MB 4-11-00
C-702	80-28	12-May-80	246	JE 4/6/00	MB 4-11-00
C-704	80-28	13-May-80	254	JE 4/6/00	MB 4-11-00
C-705	80-28	13-May-80	257	JE 4/6/00	MB 4-11-00
C-706	80-28	13-May-80	253	JE 4/6/00	MB 4-11-00
C-722	80-28	13-May-80	250	JE 4/6/00	MB 4-11-00
C-637	80-29	15-May-80	277	JE 4/6/00	MB 4-11-00
C-725	80-29	15-May-80	278	JE 4/6/00	MB 4-11-00
C-780	80-29	15-May-80	292	JE 4/6/00	MB 4-11-00
C-781	80-29	15-May-80	289	JE 4/6/00	MB 4-11-00
C-719	80-30	03-Jun-80	216	JE 4/6/00	MB 4-11-00
C-723	80-30	29-May-80	275	JE 4/6/00	MB 4-11-00
C-724	80-30 ^{MB} 4-11-00	04 03-Jun-80	189	JE 4/6/00	MB 4-11-00
C-768	80-30	23-May-80	288	JE 4/6/00	MB 4-11-00
C-782	80-30 ^{MB} 4-11-00	04 03-Jun-80	295	JE 4/6/00	MB 4-11-00
C-783	80-30	22-May-80	250	JE 4/6/00	MB 4-11-00
C-784	80-30	22-May-80	273	JE 4/6/00	MB 4-11-00
C-762	80-31	28-May-80	280	JE 4/6/00	MB 4-11-00
C-763	80-31 ^{MB} 4-11-00	04 28-May-80	262	JE 4/6/00	MB 4-11-00
C-767	80-31 ^{MB} 4-11-00	29 28-May-80	275	JE 4/6/00	MB 4-11-00
C-769	80-31 ^{MB} 4-11-00	04 28-May-80	276	JE 4/6/00	MB 4-11-00
C-770	80-31	27-May-80	239	JE 4/6/00	MB 4-11-00
C-771	80-31	28-May-80	264	JE 4/6/00	MB 4-11-00
C-772	80-31	29-May-80	265	JE 4/6/00	MB 4-11-00

SIGNATURE SECTION:

Lori J. Cwey
Print Name

Lori J. Cwey
Signature

JE
Initials

MICHAEL F. BRICKEY SR.
Print Name

Michael F. Brickey
Signature

MB
Initials

Print Name

Signature

Initials

QC INSPECTION PLAN FOR VERIFICATION OF CESIUM CAPSULE DATA

Outer Capsule ID	Production # (Run book)	Calorimetry Date	Original Wattage (W)	Engineering Verification (initials/date)	QC Verification (initials/date)
C-729	80-32	18-Jun-80	287	JL 4/6/80	MB 4-11-00
C-737	80-32	03-Jun-80	279	JL 4/6/80	MB 4-11-00
C-738	80-32	02-Jun-80	274	JL 4/6/80	MB 4-11-00
C-739	80-32	03-Jun-80	282	JL 4/6/80	MB 4-11-00
C-741	80-32	02-Jun-80	276	JL 4/6/80	MB 4-11-00
C-742	80-32	03-Jun-80	280	JL 4/6/80	MB 4-11-00
C-761	80-32	30-May-80	268	JL 4/6/80	MB 4-11-00
C-713	80-33	04-Jun-80	252	JL 4/6/80	MB 4-11-00
C-714	80-33 ^{MB} 4-11-00	0504-Jun-80	245	JL 4/6/80	MB 4-11-00
C-715	80-33	05-Jun-80	247	JL 4/6/80	MB 4-11-00
C-716	80-33	05-Jun-80	246	JL 4/6/80	MB 4-11-00
C-717	80-33	05-Jun-80	246	JL 4/6/80	MB 4-11-00
C-718	80-33	05-Jun-80	245	JL 4/6/80	MB 4-11-00
C-697	80-34	06-Jun-80	262	JL 4/6/80	MB 4-11-00
C-698	80-34 ^{MB} 4-11-00	0906-Jun-80	261	JL 4/6/80	MB 4-11-00
C-699	80-34	06-Jun-80	248	JL 4/6/80	MB 4-11-00
C-726	80-34	06-Jun-80	254	JL 4/6/80	MB 4-11-00
C-765	80-34	06-Jun-80	239	JL 4/6/80	MB 4-11-00
C-652	80-35	12-Jun-80	272	JL 4/6/80	MB 4-11-00
C-700	80-35	13-Jun-80	294	JL 4/6/80	MB 4-11-00
C-798	80-35	13-Jun-80	288	JL 4/6/80	MB 4-11-00
C-799	80-35	13-Jun-80	293	JL 4/6/80	MB 4-11-00
C-800	80-35	13-Jun-80	280	JL 4/6/80	MB 4-11-00
C-801	80-35	13-Jun-80	296	JL 4/6/80	MB 4-11-00
C-802	80-35	13-Jun-80	279	JL 4/6/80	MB 4-11-00
C-807	80-36	14-Jul-80	263	JL 4/6/80	MB 4-11-00
C-808	80-36	14-Jul-80	231	JL 4/6/80	MB 4-11-00
C-829	80-37	17-Jul-80	344	JL 4/6/80	MB 4-11-00
C-830	80-37	17-Jul-80	267	JL 4/6/80	MB 4-11-00
C-831	80-37	17-Jul-80	254	JL 4/6/80	MB 4-11-00
C-820	80-38	11-Aug-80	271	JL 4/6/80	MB 4-11-00
C-828	80-38	12-Aug-80	270	JL 4/6/80	MB 4-11-00
C-832	80-38	11-Aug-80	277	JL 4/6/80	MB 4-11-00
C-870	80-38	11-Aug-80	283	JL 4/6/80	MB 4-11-00
C-872	80-38	11-Aug-80	273	JL 4/6/80	MB 4-11-00

SIGNATURE SECTION:

Lori I Covey
Print Name

Lori I Covey
Signature

JL
Initials

MICHAEL F BECKEY SR.
Print Name

Michael F Beckey Sr.
Signature

MB
Initials

Print Name

Signature

Initials

QC INSPECTION PLAN FOR VERIFICATION OF CESIUM CAPSULE DATA

Outer Capsule ID	Production # (Run book)	Calorimetry Date	Original Wattage (W)	Engineering Verification (initials/date)	QC Verification (initials/date)
C-873	80-38	11-Aug-80	273	Je 4/6/80	MB 4-11-00
C-812	80-39	12-Aug-80	254	Je 4/6/80	MB 4-11-00
C-813	80-39	12-Aug-80	275	Je 4/6/80	MB 4-11-00
C-814	80-39	12-Aug-80	262	Je 4/6/80	MB 4-11-00
C-863	80-39	12-Aug-80	248	Je 4/6/80	MB 4-11-00
C-810	80-40	19-Aug-80	258	Je 4/6/80	MB 4-11-00
W-811	80-40	19-Aug-80	246	Je 4/6/80	MB 4-11-00
C-917	80-40	19-Aug-80	222	Je 4/6/80	MB 4-11-00
C-918	80-40	19-Aug-80	238	Je 4/6/80	MB 4-11-00
C-919	80-40	19-Aug-80	236	Je 4/6/80	MB 4-11-00
C-848	80-41	25-Aug-80	265	Je 4/6/80	MB 4-11-00
W-849	80-41	25-Aug-80	264	Je 4/6/80	MB 4-11-00
C-850	80-41	25-Aug-80	336	Je 4/6/80	MB 4-11-00
C-869	80-41	25-Aug-80	275	Je 4/6/80	MB 4-11-00
C-922	80-41	22-Aug-80	265	Je 4/6/80	MB 4-11-00
C-924	80-42 ^{MB 4-11-00}	19 16 Sep-80	228	Je 4/6/80	MB 4-11-00
C-926	80-42	15-Sep-80	219	Je 4/6/80	MB 4-11-00
C-928	80-42	15-Sep-80	220	Je 4/6/80	MB 4-11-00
C-879	80-43	19-Sep-80	204	Je 4/6/80	MB 4-11-00
C-929	80-43	18-Sep-80	269	Je 4/6/80	MB 4-11-00
W-930	80-43	19-Sep-80	263	Je 4/6/80	MB 4-11-00
C-932	80-43	18-Sep-80	281	Je 4/6/80	MB 4-11-00
C-933	80-43	18-Sep-80	284	Je 4/6/80	MB 4-11-00
C-934	80-43	18-Sep-80	276	Je 4/6/80	MB 4-11-00
C-864	81-01	12-Feb-81	241	Je 4/6/80	MB 4-17-00
C-865	81-01	12-Feb-81	230	Je 4/6/80	MB 4-17-00
C-866	81-01	12-Feb-81	237	Je 4/6/80	MB 4-17-00
C-867	81-01	13-Feb-81	245	Je 4/6/80	MB 4-17-00
C-868	81-01	13-Feb-81	260	Je 4/6/80	MB 4-17-00
C-881	81-01	17-Feb-81	229	Je 4/6/80	MB 4-17-00
C-882	81-01	17-Feb-81	223	Je 4/6/80	MB 4-17-00
C-842	81-02	18-Feb-81	271	Je 4/6/80	MB 4-17-00
C-843	81-02	18-Feb-81	246	Je 4/6/80	MB 4-17-00
C-844	81-02	18-Feb-81	260	Je 4/6/80	MB 4-17-00
C-883	81-02	18-Feb-81	258	Je 4/6/80	MB 4-17-00

SIGNATURE SECTION:

Lori I Covey
Print Name

Lori I Covey
Signature

Je
Initials

MICHAEL F. BRICKEY SR
Print Name

Michael F. Brickey SR
Signature

MB
Initials

Print Name

Signature

Initials

QC INSPECTION PLAN FOR VERIFICATION OF CESIUM CAPSULE DATA

Outer Capsule ID	Production # (Run book)	Calorimetry Date	Original Wattage (W)	Engineering Verification (initials/date)	QC Verification (initials/date)
C-884	81-02	18-Feb-81	249	JE 4/6/80	MB 4-17-00
C-885	81-02	18-Feb-81	255	JE 4/6/80	MB 4-17-00
C-886	81-02	18-Feb-81	252	JE 4/6/80	MB 4-17-00
C-823	81-03	24-Feb-81	262	JE 4/6/80	MB 4-17-00
C-833	81-03	20-Feb-81	262	JE 4/6/80	MB 4-17-00
C-834	81-03	20-Feb-81	269	JE 4/6/80	MB 4-17-00
C-835	81-03	20-Feb-81	261	JE 4/6/80	MB 4-17-00
C-839	81-03 ^{MB} 4-17-00	19-08 Feb-81	250	JE 4/6/80	MB 4-17-00
C-840	81-03	19-Feb-81	268	JE 4/6/80	MB 4-17-00
C-841	81-03	20-Feb-81	292	JE 4/6/80	MB 4-17-00
C-821	81-04	23-Feb-81	260 259 ^{MB} 4-17-00	JE 4/6/80	MB 4-17-00
C-822	81-04	24-Feb-81	242	JE 4/6/80	MB 4-17-00
C-836	81-04	24-Feb-81	249	JE 4/6/80	MB 4-17-00
C-837	81-04	24-Feb-81	251	JE 4/6/80	MB 4-17-00
C-838	81-04	23-Feb-81	278	JE 4/6/80	MB 4-17-00
C-957	81-04	23-Feb-81	345	JE 4/6/80	MB 4-17-00
C-958	81-04	24-Feb-81	263	JE 4/6/80	MB 4-17-00
C-935	81-05	26-Feb-81	228	JE 4/6/80	MB 4-17-00
C-939	81-05	26-Feb-81	236	JE 4/6/80	MB 4-17-00
C-956	81-05	26-Feb-81	245	JE 4/6/80	MB 4-17-00
C-936	81-06	27-Feb-81	287	JE 4/6/80	MB 4-17-00
C-937	81-06	26-Feb-81	267	JE 4/6/80	MB 4-17-00
C-938	81-06	26-Feb-81	282	JE 4/6/80	MB 4-17-00
C-941	81-06	27-Feb-81	298	JE 4/6/80	MB 4-17-00
C-942	81-06	27-Feb-81	242	JE 4/6/80	MB 4-17-00
C-943	81-06	27-Feb-81	259	JE 4/6/80	MB 4-17-00
C-946	81-06	26-Feb-81	284	JE 4/6/80	MB 4-17-00
C-815	81-07	27-Feb-81	261	JE 4/6/80	MB 4-17-00
C-816	81-07	02-Mar-81	247	JE 4/6/80	MB 4-17-00
C-817	81-07	02-Mar-81	259	JE 4/6/80	MB 4-17-00
C-819	81-07	03-Mar-81	254	JE 4/6/80	MB 4-17-00
C-874	81-07	03-Mar-81	256	JE 4/6/80	MB 4-17-00
C-825	81-08	06-Mar-81	267	JE 4/6/80	MB 4-17-00
C-851	81-08	05-Mar-81	260	JE 4/6/80	MB 4-17-00
C-852	81-08	06-Mar-81	279	JE 4/6/80	MB 4-17-00

SIGNATURE SECTION:

<u>Lori I Covey</u> Print Name	<u>Joe J Perry</u> Signature	<u>JE</u> Initials
<u>MICHAEL F. BRICKEY SR.</u> Print Name	<u>Michael F. Brickey</u> Signature	<u>MB</u> Initials
_____ Print Name	_____ Signature	_____ Initials

QC INSPECTION PLAN FOR VERIFICATION OF CESIUM CAPSULE DATA

Outer Capsule ID	Production # (Run book)	Calorimetry Date	Original Wattage (W)	Engineering Verification (initials/date)	QC Verification (initials/date)
C-853	81-08	05-Mar-81	262	JL 4/6/00	MS 4-17-00
C-854	81-08	05-Mar-81	272	JL 4/6/00	MS 4-17-00
C-855	81-08	05-Mar-81	261	JL 4/6/00	MS 4-17-88
C-856	81-08	05-Mar-81	293	JL 4/6/00	MS 4-17-00
C-826	81-09	06-Mar-81	273	JL 4/6/00	MS 4-17-00
C-857	81-09	06-Mar-81	267	JL 4/6/00	MS 4-17-00
C-858	81-09	09-Mar-81	266	JL 4/6/00	MS 4-17-00
C-860	81-09	09-Mar-81	260	JL 4/6/00	MS 4-17-00
C-861	81-09	09-Mar-81	269	JL 4/6/00	MS 4-17-00
C-862	81-09	06-Mar-81	263	JL 4/6/00	MS 4-17-00
C-875	81-10	16-Mar-81	262	JL 4/6/00	MS 4-17-00
C-877	81-10	09-Mar-81	260	JL 4/6/00	MS 4-17-00
C-887	81-10	09-Mar-81	347	JL 4/6/00	MS 4-17-00
C-888	81-10	09-Mar-81	261	JL 4/6/00	MS 4-17-00
C-889	81-10	09-Mar-81	265	JL 4/6/00	MS 4-17-00
C-890	81-11	12-Mar-81	256	JL 4/6/00	MS 4-17-00
C-891	81-11	12-Mar-81	245	JL 4/6/00	MS 4-17-00
C-893	81-11	12-Mar-81	254	JL 4/6/00	MS 4-17-00
C-894	81-11	12-Mar-81	314 214 MS 4-17-00	JL 4/6/00	MS 4-17-00
C-895	81-11	12-Mar-81	266	JL 4/6/00	MS 4-17-00
C-892	81-12	17-Mar-81	274	JL 4/6/00	MS 4-17-00
C-896	81-12	13-Mar-81	332	JL 4/6/00	MS 4-17-00
C-899	81-12	16-Mar-81	274	JL 4/6/00	MS 4-17-00
C-900	81-12	16-Mar-81	271	JL 4/6/00	MS 4-17-00
C-901	81-12	16-Mar-81	338	JL 4/6/00	MS 4-17-00
C-902	81-12	16-Mar-81	283	JL 4/6/00	MS 4-17-00
C-897	81-13	19-Mar-81	291	JL 4/6/00	MS 4-17-00
C-898	81-13	19-Mar-81	287	JL 4/6/00	MS 4-17-00
C-904	81-13	18-Mar-81	272	JL 4/6/00	MS 4-17-00
C-905	81-13	18-Mar-81	273	JL 4/6/00	MS 4-17-00
C-906	81-13	18-Mar-81	351	JL 4/6/00	MS 4-17-00
C-907	81-13	18-Mar-81	264	JL 4/6/00	MS 4-17-00
C-908	81-13	18-Mar-81	273	JL 4/6/00	MS 4-17-00
C-909	81-14	19-Mar-81	231	JL 4/6/00	MS 4-17-00
C-910	81-14	19-Mar-81	233	JL 4/6/00	MS 4-17-00

SIGNATURE SECTION:

Lori J Covey
Print Name

Lori J Covey
Signature

JL
Initials

MICHAEL F. BRICKEY SR
Print Name

Michael F. Brickey
Signature

MS
Initials

Print Name

Signature

Initials

QC INSPECTION PLAN FOR VERIFICATION OF CESIUM CAPSULE DATA

Outer Capsule ID	Production # (Run book)	Calorimetry Date	Original Wattage (W)	Engineering Verification (initials/date)	QC Verification (initials/date)
C-911	81-14 ^{ms} 4-17-00	219-Mar-81	246	JE 4/6/00	ms 4-17-00
C-912	81-14	20-Mar-81	230	JE 4/6/00	ms 4-17-00
W-913	81-14	20-Mar-81	274	JE 4/6/00	ms 4-17-00
C-914	81-14	20-Mar-81	234	JE 4/6/00	ms 4-17-00
C-915	81-14	20-Mar-81	233	JE 4/6/00	ms 4-17-00
C-916	81-15	24-Mar-81	263	JE 4/6/00	ms 4-17-00
C-944	81-15	24-Mar-81	265	JE 4/6/00	ms 4-17-00
C-945	81-15	23-Mar-81	269	JE 4/6/00	ms 4-17-00
C-949	81-15	24-Mar-81	249	JE 4/6/00	ms 4-17-00
C-950	81-15	24-Mar-81	254	JE 4/6/00	ms 4-17-00
C-951	81-15	24-Mar-81	260	JE 4/6/00	ms 4-17-00
C-952	81-15	24-Mar-81	265	JE 4/6/00	ms 4-17-00
C-536	81-16	27-Mar-81	259	JE 4/6/00	ms 4-17-00
C-537	81-16	26-Mar-81	274	JE 4/6/00	ms 4-17-00
C-947	81-16	26-Mar-81	256	JE 4/6/00	ms 4-17-00
C-948	81-16	26-Mar-81	268	JE 4/6/00	ms 4-17-00
C-978	81-16	29-Apr-81	260	JE 4/6/00	ms 4-17-00
C-980	81-16	29-Apr-81	259	JE 4/6/00	ms 4-17-00
C-1014	81-17	06-Apr-81	261	JE 4/6/00	ms 4-17-00
C-1015	81-17	06-Apr-81	244	JE 4/6/00	ms 4-17-00
C-1017	81-17	08-Apr-81	245	JE 4/6/00	ms 4-17-00
C-961	81-17	08-Apr-81	262	JE 4/6/00	ms 4-17-00
C-1013	81-18	07-Apr-81	241	JE 4/6/00	ms 4-17-00
C-1016	81-18	07-Apr-81	241	JE 4/6/00	ms 4-17-00
C-1018	81-18	08-Apr-81	248	JE 4/6/00	ms 4-17-00
C-962	81-18	08-Apr-81	266	JE 4/6/00	ms 4-17-00
C-960	81-19	10-Apr-81	255	JE 4/6/00	ms 4-17-00
C-963	81-19	09-Apr-81	251	JE 4/6/00	ms 4-17-00
C-965	81-19	10-Apr-81	251	JE 4/6/00	ms 4-17-00
C-966	81-19	22-Apr-81	303	JE 4/6/00	ms 4-17-00
C-979	81-19	29-Apr-81	258	JE 4/6/00	ms 4-17-00
C-968	81-20	22-Apr-81	263	JE 4/6/00	ms 4-17-00
C-969	81-20	22-Apr-81	255	JE 4/6/00	ms 4-17-00
C-970	81-20	25-Apr-81	272	JE 4/6/00	ms 4-17-00
C-971	81-20	22-Apr-81	253	JE 4/6/00	ms 4-17-00

SIGNATURE SECTION:

Lori I Covey
Print Name

Lori I Covey
Signature

JE
Initials

MICHAEL F BRICKEY, SR.
Print Name

Michael F. Brickey Sr.
Signature

ms
Initials

Print Name

Signature

Initials

QC INSPECTION PLAN FOR VERIFICATION OF CESIUM CAPSULE DATA

Outer Capsule ID	Production # (Run book)	Calorimetry Date	Original Wattage (W)	Engineering Verification (initials/date)	QC Verification (initials/date)
C-972	81-20	20-Apr-81	245	JL 4/6/81	MB 4-17-00
C-973	81-20	22-Apr-81	247	JL 4/6/81	MB 4-17-00
C-974	81-20	22-Apr-81	253	JL 4/6/81	MB 4-17-00
C-1011	81-21	23-Apr-81	258	JL 4/6/81	MB 4-17-00
C-1019	81-21	23-Apr-81	254	JL 4/6/81	MB 4-17-00
C-1020	81-21	23-Apr-81	254	JL 4/6/81	MB 4-17-00
C-1021	81-21	23-Apr-81	260	JL 4/6/81	MB 4-17-00
C-1022	81-21	23-Apr-81	258	JL 4/6/81	MB 4-17-00
C-1010	81-22	27-Apr-81	251	JL 4/6/81	MB 4-17-00
C-1012	81-22	28-Apr-81	245	JL 4/6/81	MB 4-17-00
C-1023	81-22	24-Apr-81	259	JL 4/6/81	MB 4-17-00
C-1024	81-22	24-Apr-81	252	JL 4/6/81	MB 4-17-00
C-975	81-22	28-Apr-81	257	JL 4/6/81	MB 4-17-00
C-976	81-22	28-Apr-81	261	JL 4/6/81	MB 4-17-00
C-977	81-22	27-Apr-81	258	JL 4/6/81	MB 4-17-00
C-1114	81-23	01-May-81	262	JL 4/6/81	MB 4-17-00
C-1115	81-23	01-May-81	250	JL 4/6/81	MB 4-17-00
C-1116	81-23	01-May-81	236	JL 4/6/81	MB 4-17-00
C-1117	81-23	01-May-81	267	JL 4/6/81	MB 4-17-00
C-1118	81-23	30-Apr-81	274	JL 4/6/81	MB 4-17-00
C-1119	81-23	30-Apr-81	237	JL 4/6/81	MB 4-17-00
C-1120	81-23	01-May-81	275	JL 4/6/81	MB 4-17-00
C-989	81-24	12-May-81	280	JL 4/6/81	MB 4-17-00
C-992	81-24	12-May-81	256	JL 4/6/81	MB 4-17-00
C-994	81-24	12-May-81	256	JL 4/6/81	MB 4-17-00
C-996	81-24	12-May-81	255	JL 4/6/81	MB 4-17-00
C-987	81-25	12-May-81	266	JL 4/6/81	MB 4-17-00
C-988	81-25	12-May-81	275	JL 4/6/81	MB 4-17-00
C-990	81-25	12-May-81	270	JL 4/6/81	MB 4-17-00
C-991	81-25	12-May-81	259	JL 4/6/81	MB 4-17-00
C-993	81-25	12-May-81	273	JL 4/6/81	MB 4-17-00
C-997	81-25	13-May-81	272	JL 4/6/81	MB 4-17-00
C-998	81-25	12-May-81	280	JL 4/6/81	MB 4-17-00
C-1001	81-26	18-May-81	224	JL 4/6/81	MB 4-17-00
C-1002	81-26 ^{MB} 4-17-00	14-15-May-81	230	JL 4/6/81	MB 4-17-00

SIGNATURE SECTION:

Lori I Covey
Print Name

Lori I Covey
Signature

JL
Initials

MICHAEL F. BRICKEY SR
Print Name

Michael F. Brickey Sr
Signature

MB
Initials

Print Name

Signature

Initials

QC INSPECTION PLAN FOR VERIFICATION OF CESIUM CAPSULE DATA

Outer Capsule ID	Production # (Run book)	Calorimetry Date	Original Wattage (W)	Engineering Verification (initials/date)	QC Verification (initials/date)
C-1003	81-26	18-May-81	270	JL 4/11/00	MB 4-17-00
C-1004	81-26	18-May-81	247	JL 4/11/00	MB 4-17-00
C-981	81-26	14-May-81	236	JL 4/11/00	MB 4-17-00
C-983	81-26	14-May-81	236	JL 4/11/00	MB 4-17-00
C-1000	81-27	18-May-81	277	JL 4/11/00	MB 4-17-00
C-1005	81-27	15-May-81	281	JL 4/11/00	MB 4-17-00
C-1006	81-27	18-May-81	273	JL 4/11/00	MB 4-17-00
C-1007	81-27 ^{MB} 4-17-00	14 15-May-81	281	JL 4/11/00	MB 4-17-00
C-1008	81-27 ^{MB} 4-17-00	14 15-May-81	280	JL 4/11/00	MB 4-17-00
C-1009	81-27	14-May-81	273	JL 4/11/00	MB 4-17-00
C-999	81-27	18-May-81	272	JL 4/11/00	MB 4-17-00
C-1103	81-28	18-May-81	264	JL 4/11/00	MB 4-17-00
C-1109	81-28	18-May-81	257	JL 4/11/00	MB 4-17-00
C-1110	81-28	18-May-81	267	JL 4/11/00	MB 4-17-00
C-1111	81-28	18-May-81	277	JL 4/11/00	MB 4-17-00
C-1112	81-28	18-May-81	265	JL 4/11/00	MB 4-17-00
C-1113	81-28	18-May-81	264	JL 4/11/00	MB 4-17-00
C-1101	81-29	21-May-81	247	JL 4/11/00	MB 4-17-00
C-1102	81-29	21-May-81	240	JL 4/11/00	MB 4-17-00
C-1104	81-29	21-May-81	234	JL 4/11/00	MB 4-17-00
C-1105	81-29	21-May-81	239	JL 4/11/00	MB 4-17-00
C-1106	81-29	22-May-81	237	JL 4/11/00	MB 4-17-00
C-1107	81-29	22-May-81	224	JL 4/11/00	MB 4-17-00
C-1108	81-29	21-May-81	235	JL 4/11/00	MB 4-17-00
C-1070	81-30	27-May-81	271	JL 4/11/00	MB 4-19-00
C-1094	81-30	22-May-81	262	JL 4/11/00	MB 4-19-00
C-1095	81-30	22-May-81	282	JL 4/11/00	MB 4-19-00
C-1096	81-30 ^{MB} 4-19-00	25 26-May-81	280	JL 4/11/00	MB 4-19-00
C-1097	81-30 ^{MB} 4-19-00	25 26-May-81	276	JL 4/11/00	MB 4-19-00
C-1100	81-30 ^{MB} 4-19-00	25 26-May-81	275	JL 4/11/00	MB 4-19-00
C-1066	81-31	28-May-81	281	JL 4/11/00	MB 4-19-00
C-1067	81-31	28-May-81	283	JL 4/11/00	MB 4-19-00
C-1068	81-31	27-May-81	277	JL 4/11/00	MB 4-19-00
C-1069	81-31	28-May-81	280	JL 4/11/00	MB 4-19-00
C-1071	81-31	28-May-81	308	JL 4/11/00	MB 4-19-00

SIGNATURE SECTION:

Lori I Covey
Print Name

Jeri S Cury
Signature

JL
Initials

MICHAEL F. BRICKEY SR.
Print Name

Michael F. Brickey SR
Signature

MB
Initials

Print Name

Signature

Initials

QC INSPECTION PLAN FOR VERIFICATION OF CESIUM CAPSULE DATA

Outer Capsule ID	Production # (Run book)	Calorimetry Date	Original Wattage (W)	Engineering Verification (initials/date)	QC Verification (initials/date)
C-1072	81-31	28-May-81	282	JL 4/11/00	WB 4-19-00
C-1144	81-31	10-Jul-81	274	JL 4/11/00	WB 4-19-00
C-1025	81-32	02-Jun-81	281	JL 4/11/00	WB 4-19-00
C-1026	81-32	02-Jun-81	277	JL 4/11/00	WB 4-19-00
C-1027	81-32	01-Jun-81	275	JL 4/11/00	WB 4-19-00
C-1028	81-32	02-Jun-81	271	JL 4/11/00	WB 4-19-00
C-1030	81-32	02-Jun-81	277	JL 4/11/00	WB 4-19-00
C-1073	81-33	02-Jun-81	268	JL 4/11/00	WB 4-19-00
C-1074	81-33	02-Jun-81	264	JL 4/11/00	WB 4-19-00
C-1075	81-33	02-Jun-81	274	JL 4/11/00	WB 4-19-00
C-1076	81-33	02-Jun-81	357	JL 4/11/00	WB 4-19-00
C-1078	81-33	03-Jun-81	277	JL 4/11/00	WB 4-19-00
C-1081	81-33	03-Jun-81	271	JL 4/11/00	WB 4-19-00
C-1135	81-33	10-Jul-81	260	JL 4/11/00	WB 4-19-00
C-1121	81-34	08-Jun-81	276	JL 4/11/00	WB 4-19-00
C-1122	81-34	08-Jun-81	232	JL 4/11/00	WB 4-19-00
C-1125	81-34	08-Jun-81	279	JL 4/11/00	WB 4-19-00
C-1126	81-34	08-Jun-81	275	JL 4/11/00	WB 4-19-00
C-1131	81-34	10-Jul-81	298	JL 4/11/00	WB 4-19-00
C-1169	81-34	08-Jun-81	272	JL 4/11/00	WB 4-19-00
C-1171	81-34	09-Jun-81	280	JL 4/11/00	WB 4-19-00
C-1154	81-35	11-Jun-81	274	JL 4/11/00	WB 4-19-00
C-1155	81-35	09-Jun-81	271	JL 4/11/00	WB 4-19-00
C-1156	81-35	09-Jun-81	279	JL 4/11/00	WB 4-19-00
C-1170	81-35	17-Jun-81	277	JL 4/11/00	WB 4-19-00
C-1172	81-35 ^{WB 4-19-00}	09-Jun-81	272	JL 4/11/00	WB 4-19-00
C-1173	81-35	09-Jun-81	280	JL 4/11/00	WB 4-19-00
C-1174	81-35	11-Jun-81	267	JL 4/11/00	WB 4-19-00
C-1031	81-36	12-Jun-81	266	JL 4/11/00	WB 4-19-00
C-1032	81-36	12-Jun-81	256	JL 4/11/00	WB 4-19-00
C-1033	81-36	15-Jun-81	268	JL 4/11/00	WB 4-19-00
C-1034	81-36	12-Jun-81	274	JL 4/11/00	WB 4-19-00
C-1035	81-36	12-Jun-81	254	JL 4/11/00	WB 4-19-00
C-1080	81-37	22-Jun-81	257	JL 4/11/00	WB 4-19-00
C-1132	81-37	10-Jul-81	254	JL 4/11/00	WB 4-19-00

SIGNATURE SECTION:

Lori I Covey
Print Name

Lori I Covey
Signature

JL
Initials

MICHAEL F. BRICKEY SR
Print Name

Michael F. Brickey Sr
Signature

WB
Initials

Print Name

Signature

Initials

QC INSPECTION PLAN FOR VERIFICATION OF CESIUM CAPSULE DATA

Outer Capsule ID	Production # (Run book)	Calorimetry Date	Original Wattage (W)	Engineering Verification (initials/date)	QC Verification (initials/date)
C-1145	81-37	12-Jun-81	262	JL 4/11/00	MB 4-19-00
C-1151	81-37	12-Jun-81	250	JL 4/11/00	MB 4-19-00
C-1152	81-37	12-Jun-81	254	JL 4/11/00	MB 4-19-00
C-1153	81-37	22-Jun-81	254	JL 4/11/00	MB 4-19-00
C-1082	81-38 ^{MB 4-19-00}	19 18 Jun-81	321	JL 4/11/00	MB 4-19-00
C-1146	81-38 ^{MB 4-19-00}	18 Jun-81	281	JL 4/11/00	MB 4-19-00
C-1148	81-38	18-Jun-81	284	JL 4/11/00	MB 4-19-00
C-1163	81-38	18-Jun-81	267	JL 4/11/00	MB 4-19-00
C-1165	81-38	17-Jun-81	271	JL 4/11/00	MB 4-19-00
C-1166	81-38	17-Jun-81	291	JL 4/11/00	MB 4-19-00
C-1167	81-38	18-Jun-81	268	JL 4/11/00	MB 4-19-00
C-1036	81-39	19-Jun-81	270	JL 4/11/00	MB 4-19-00
C-1038	81-39	18-Jun-81	288	JL 4/11/00	MB 4-19-00
C-1044	81-39	07-Jul-81	265	JL 4/11/00	MB 4-19-00
C-1084	81-39	19-Jun-81	267	JL 4/11/00	MB 4-19-00
C-1090	81-39	22-Jun-81	254	JL 4/11/00	MB 4-19-00
C-1040	81-40	29-Jun-81	250	JL 4/11/00	MB 4-19-00
C-1041	81-40 ^{MB 4-19-00}	30 01 Jul-81	233 261 ^{MB 4-19-00}	JL 4/11/00	MB 4-19-00
C-1085	81-40	25-Jun-81	262	JL 4/11/00	MB 4-19-00
C-1089	81-40	07-Jul-81	283	JL 4/11/00	MB 4-19-00
C-1141	81-40	01-Jul-81	261	JL 4/11/00	MB 4-19-00
C-1150	81-40	30-Jun-81	242	JL 4/11/00	MB 4-19-00
C-1039	81-41	30-Jun-81	247	JL 4/11/00	MB 4-19-00
C-1043	81-41	07-Jul-81	259	JL 4/11/00	MB 4-19-00
C-1047	81-41	07-Jul-81	273	JL 4/11/00	MB 4-19-00
C-1049	81-41	07-Jul-81	270	JL 4/11/00	MB 4-19-00
C-1086	81-41	01-Jul-81	274	JL 4/11/00	MB 4-19-00
C-1088	81-41	01-Jul-81	272	JL 4/11/00	MB 4-19-00
C-1143	81-41	30-Jun-81	269	JL 4/11/00	MB 4-19-00
C-1048	81-42	07-Jul-81	277	JL 4/11/00	MB 4-19-00
C-1087	81-42	01-Jul-81	249	JL 4/11/00	MB 4-19-00
C-1139	81-42	07-Jul-81	259	JL 4/11/00	MB 4-19-00
C-1140	81-42	30-Jun-81	273	JL 4/11/00	MB 4-19-00
C-1142	81-42	30-Jun-81	250	JL 4/11/00	MB 4-19-00
C-1149	81-42	07-Jul-81	253	JL 4/11/00	MB 4-19-00

SIGNATURE SECTION:

Lori E Covey
Print Name

Lori E Covey
Signature

JL
Initials

MICHAEL F. BRICKEY SR.
Print Name

Michael F. Brickey Sr.
Signature

MB
Initials

Print Name

Signature

Initials

QC INSPECTION PLAN FOR VERIFICATION OF CESIUM CAPSULE DATA

Outer Capsule ID	Production # (Run book)	Calorimetry Date	Original Wattage (W)	Engineering Verification (initials/date)	QC Verification (initials/date)
C-1046	81-43	10-Jul-81	227	JL 4-19-00	MB 4-19-00
C-1065	81-43	09-Jul-81	226	JL 4-19-00	MB 4-19-00
C-1128	81-43 ^{MB} 4-19-00	15 10 -Jul-81	254	JL 4-19-00	MB 4-19-00
C-1134	81-43	10-Jul-81	234	JL 4-19-00	MB 4-19-00
C-1057	81-44	13-Jul-81	299	JL 4-19-00	MB 4-19-00
C-1061	81-44	13-Jul-81	287	JL 4-19-00	MB 4-19-00
C-1062	81-44	13-Jul-81	289	JL 4-19-00	MB 4-19-00
C-1127	81-44 ^{MB} 4-19-00	15 10 -Jul-81	262	JL 4-19-00	MB 4-19-00
C-1130	81-44	10-Jul-81	259	JL 4-19-00	MB 4-19-00
C-1059	81-45 ^{MB} 4-19-00	15 14 -Jul-81	265	JL 4-19-00	MB 4-19-00
C-1060	81-45	14-Jul-81	256	JL 4-19-00	MB 4-19-00
C-1157	81-45	15-Jul-81	319	JL 4-19-00	MB 4-19-00
C-1158	81-45	14-Jul-81	256	JL 4-19-00	MB 4-19-00
C-1159	81-45	14-Jul-81	292	JL 4-19-00	MB 4-19-00
C-1160	81-45	15-Jul-81	245 246 ^{MB} 4-19-00	JL 4-19-00	MB 4-19-00
C-1161	81-45	14-Jul-81	280	JL 4-19-00	MB 4-19-00
C-1050	81-46	21-Jul-81	284	JL 4-19-00	MB 4-19-00
C-1051	81-46	21-Jul-81	312	JL 4-19-00	MB 4-19-00
C-1052	81-46	21-Jul-81	299	JL 4-19-00	MB 4-19-00
C-1091	81-46	21-Jul-81	279	JL 4-19-00	MB 4-19-00
C-1092	81-46	21-Jul-81	303	JL 4-19-00	MB 4-19-00
W-1093	81-46	21-Jul-81	289	JL 4-19-00	MB 4-19-00
C-1162	81-46 ^{MB} 4-19-00	23 21 -Jul-81	270	JL 4-19-00	MB 4-19-00
C-1055	81-47	05-Aug-81	284	JL 4-19-00	MB 4-19-00
C-984	81-47	30-Jul-81	267	JL 4-19-00	MB 4-19-00
C-985	81-47	30-Jul-81	279	JL 4-19-00	MB 4-19-00
C-986	81-47	30-Jul-81	249	JL 4-19-00	MB 4-19-00
C-1054	81-48	05-Aug-81	282	JL 4-19-00	MB 4-19-00
C-1136	81-48	05-Aug-81	269	JL 4-19-00	MB 4-19-00
C-1137	81-48	05-Aug-81	282	JL 4-19-00	MB 4-19-00
C-1138	81-48	05-Aug-81	337	JL 4-19-00	MB 4-19-00
C-1175	81-48	05-Aug-81	259	JL 4-19-00	MB 4-19-00
C-1176	81-48	05-Aug-81	303	JL 4-19-00	MB 4-19-00
C-1177	81-48	05-Aug-81	277	JL 4-19-00	MB 4-19-00
C-1179	81-49	06-Aug-81	286	JL 4-19-00	MB 4-19-00

SIGNATURE SECTION:

<u>Lori I Covey</u> Print Name	<u>Lori I Covey</u> Signature	<u>JL</u> Initials
<u>MICHAEL F BRICKEY SR</u> Print Name	<u>Michael F. Brickey Sr</u> Signature	<u>MB</u> Initials
<u>MICHAEL A. HILL</u> Print Name	<u>[Signature]</u> Signature	<u>[Initials]</u> Initials

QC INSPECTION PLAN FOR VERIFICATION OF CESIUM CAPSULE DATA

Outer Capsule ID	Production # (Run book)	Calorimetry Date	Original Wattage (W)	Engineering Verification (initials/date)	QC Verification (initials/date)
C-1180	81-49	06-Aug-81	299	JL 4-19-00	MB 4-19-00
C-1181	81-49	06-Aug-81	277	JL 4-19-00	MB 4-19-00
C-1182	81-49	06-Aug-81	305	JL 4-19-00	MB 4-19-00
C-1183	81-49	06-Aug-81	286	JL 4-19-00	MB 4-19-00
C-1184	81-49	06-Aug-81	312	JL 4-19-00	MB 4-19-00
C-1185	81-50	12-Aug-81	231	JL 4-19-00	MB 4-19-00
C-1186	81-50	12-Aug-81	245	JL 4-19-00	MB 4-19-00
C-1187	81-50	12-Aug-81	250	JL 4-19-00	MB 4-19-00
C-1188	81-50	12-Aug-81	250	JL 4-19-00	MB 4-19-00
C-1189	81-50	12-Aug-81	240	JL 4-19-00	MB 4-19-00
C-1190	81-50	12-Aug-81	230	JL 4-19-00	MB 4-19-00
C-1191	81-50	12-Aug-81	246	JL 4-19-00	MB 4-19-00
C-1192	81-51	13-Aug-81	242	JL 4-19-00	MB 4-19-00
C-1195	81-51	17-Aug-81	242	JL 4-19-00	MB 4-19-00
W-1196	81-51	17-Aug-81	242	JL 4-19-00	MB 4-19-00
C-1197	81-52	25-Aug-81	260	JL 4-19-00	MB 4-19-00
C-1198	81-52	25-Aug-81	295	JL 4-19-00	MB 4-19-00
C-1199	81-52	21-Aug-81	238	JL 4-19-00	MB 4-19-00
C-1200	81-52	25-Aug-81	253	JL 4-19-00	MB 4-19-00
C-1201	81-52	25-Aug-81	256	JL 4-19-00	MB 4-19-00
C-1202	81-52	25-Aug-81	243	JL 4-19-00	MB 4-19-00
C-1203	81-53 ^{MB} 4-19-00	21 ^{SEP} 30-Aug-81	262	JL 4-19-00	MB 4-19-00
C-1204	81-53	01-Sep-81	263	JL 4-19-00	MB 4-19-00
C-1205	81-53	02-Sep-81	274	JL 4-19-00	MB 4-19-00
C-1206	81-53	31-Aug-81	265	JL 4-19-00	MB 4-19-00
C-1207	81-53	31-Aug-81	199	JL 4-19-00	MB 4-19-00
C-1208	81-53 ^{MB} 4-19-00	31 ^{SEP} 30-Aug-81	263	JL 4-19-00	MB 4-19-00
C-1209	81-53 ^{MB} 4-19-00	31 ^{SEP} 30-Aug-81	278	JL 4-19-00	MB 4-19-00
C-1210	81-54	01-Sep-81	256	JL 4-19-00	MB 4-19-00
C-1211	81-54	31-Aug-81	250	JL 4-19-00	MB 4-19-00
C-1212	81-54	31-Aug-81	264	JL 4-19-00	MB 4-19-00
C-1213	81-54	31-Aug-81	247	JL 4-19-00	MB 4-19-00
C-1214	81-54	31-Aug-81	252	JL 4-19-00	MB 4-19-00
C-1215	81-54	31-Aug-81	250	JL 4-19-00	MB 4-19-00
C-1229	81-55	10-Sep-81	252	JL 4-19-00	MB 4-19-00

SIGNATURE SECTION:

Lori T Covey
Print Name

Lori T Covey
Signature

JL
Initials

MICHAEL F BRICKEY SR
Print Name

Michael F. Brickey SR
Signature

MB
Initials

Print Name

Signature

Initials

QC INSPECTION PLAN FOR VERIFICATION OF CESIUM CAPSULE DATA

Outer Capsule ID	Production # (Run book)	Calorimetry Date	Original Wattage (W)	Engineering Verification (initials/date)	QC Verification (initials/date)
C-1230	81-55	04-Sep-81	245	JL 4-19-00	MB 4-19-00
C-1231	81-55	09-Sep-81	274	JL 4-19-00	MB 4-19-00
C-1232	81-55	04-Sep-81	260	JL 4-19-00	MB 4-19-00
C-1233	81-55	04-Sep-81	255	JL 4-19-00	MB 4-19-00
C-1234	81-55	04-Sep-81	259	JL 4-19-00	MB 4-19-00
C-1235	81-55	09-Sep-81	258	JL 4-19-00	MB 4-19-00
C-1218	81-56	14-Sep-81	253	JL 4-19-00	MB 4-21-00
C-1219	81-56	14-Sep-81	254	JL 4-19-00	MB 4-21-00
C-1220	81-56	14-Sep-81	253	JL 4-19-00	MB 4-21-00
C-1221	81-56	14-Sep-81	244	JL 4-19-00	MB 4-21-00
C-1222	81-56	15-Sep-81	256	JL 4-19-00	MB 4-21-00
C-1216	81-57	22-Sep-81	256	JL 4-19-00	MB 4-21-00
C-1223	81-57	23-Sep-81	257	JL 4-19-00	MB 4-21-00
C-1224	81-57	02-Oct-81	249	JL 4-19-00	MB 4-21-00
C-1225	81-57	02-Oct-81	255	JL 4-19-00	MB 4-21-00
C-1226	81-57	02-Oct-81	263	JL 4-19-00	MB 4-21-00
C-1228	81-57	22-Sep-81	257	JL 4-19-00	MB 4-21-00
C-1236	81-57 ^{MB} 4-21-00	10-21-Sep-81	267	JL 4-19-00	MB 4-21-00
C-1217	81-58 ^{MB} 4-21-00	14-19-Oct-81	261	JL 4-19-00	MB 4-21-00
C-1238	81-58	19-Oct-81	224	JL 4-19-00	MB 4-21-00
C-1239	81-58	19-Oct-81	261	JL 4-19-00	MB 4-21-00
C-1240	81-58	19-Oct-81	270	JL 4-19-00	MB 4-21-00
C-1242	81-58 ^{MB} 4-21-00	13-21-Oct-81	262	JL 4-19-00	MB 4-21-00
C-1227	81-59	21-Oct-81	271	JL 4-19-00	MB 4-21-00
C-1244	81-59	20-Oct-81	273	JL 4-19-00	MB 4-21-00
C-1277	81-59	20-Oct-81	247	JL 4-19-00	MB 4-21-00
C-1278	81-59	20-Oct-81	264	JL 4-19-00	MB 4-21-00
C-1281	81-59	21-Oct-81	264	JL 4-19-00	MB 4-21-00
C-1243	81-60	21-Oct-81	277	JL 4-19-00	MB 4-21-00
C-1245	81-60	21-Oct-81	276	JL 4-19-00	MB 4-21-00
C-1246	81-60	21-Oct-81	279	JL 4-19-00	MB 4-21-00
C-1247	81-60	23-Oct-81	284	JL 4-19-00	MB 4-21-00
C-1249	81-60	21-Oct-81	274	JL 4-19-00	MB 4-21-00
C-1251	81-60	22-Oct-81	271	JL 4-19-00	MB 4-21-00
C-1279	81-60	23-Oct-81	270	JL 4-19-00	MB 4-21-00

SIGNATURE SECTION:

Lori I Covey
Print Name

MICHAEL F. BRICKEY SR.
Print Name

Lori I Covey
Signature

Michael F. Brickey Sr.
Signature

JL
Initials

MB
Initials

Print Name

Signature

Initials

QC INSPECTION PLAN FOR VERIFICATION OF CESIUM CAPSULE DATA

Outer Capsule ID	Production # (Run book)	Calorimetry Date	Original Wattage (W)	Engineering Verification (initials/date)	QC Verification (initials/date)
C-1252	81-61	22-Oct-81	267	JL 4-19-00	MB 4-21-00
C-1253	81-61	21-Oct-81	272	JL 4-19-00	MB 4-21-00
C-1254	81-61	22-Oct-81	264	JL 4-19-00	MB 4-21-00
C-1255	81-61	22-Oct-81	282	JL 4-19-00	MB 4-21-00
C-1335	81-61	22-Oct-81	269	JL 4-19-00	MB 4-21-00
C-1336	81-61	22-Oct-81	174	JL 4-19-00	MB 4-21-00
C-1283	81-62	04-Nov-81	265	JL 4-19-00	MB 4-21-00
C-1284	81-62	05-Nov-81	276	JL 4-19-00	MB 4-21-00
C-1285	81-62	04-Nov-81	264	JL 4-19-00	MB 4-21-00
C-1286	81-62	05-Nov-81	263	JL 4-19-00	MB 4-21-00
C-1288	81-62	04-Nov-81	271	JL 4-19-00	MB 4-21-00
C-1276	81-63	09-Nov-81	247	JL 4-19-00	MB 4-21-00
C-1290	81-63	06-Nov-81	253	JL 4-19-00	MB 4-21-00
C-1291	81-63	06-Nov-81	242	JL 4-19-00	MB 4-21-00
C-1292	81-63	09-Nov-81	245	JL 4-19-00	MB 4-21-00
C-1293	81-63	06-Nov-81	251	JL 4-19-00	MB 4-21-00
C-1294	81-63	06-Nov-81	236	JL 4-19-00	MB 4-21-00
C-1295	81-63	10-Nov-81	251	JL 4-19-00	MB 4-21-00
C-1260	81-64	09-Nov-81	248	JL 4-19-00	MB 4-21-00
C-1296	81-64	10-Nov-81	271	JL 4-19-00	MB 4-21-00
C-1297	81-64	10-Nov-81	268	JL 4-19-00	MB 4-21-00
C-1298	81-64	19-Nov-81	263	JL 4-19-00	MB 4-21-00
C-1300	81-64	11-Nov-81	256	JL 4-19-00	MB 4-21-00
C-1304	81-64	11-Nov-81	253	JL 4-19-00	MB 4-21-00
C-1301	81-65	07-Dec-81	253	JL 4-19-00	MB 4-21-00
C-1302	81-65 ^{MB} 4-21-00	20-Nov-81	256	JL 4-19-00	MB 4-21-00
C-1303	81-65	09-Dec-81	257	JL 4-19-00	MB 4-21-00
C-1305	81-65	20-Nov-81	233	JL 4-19-00	MB 4-21-00
C-1306	81-65	07-Dec-81	221	JL 4-19-00	MB 4-21-00
C-1307	81-65	07-Dec-81	228	JL 4-19-00	MB 4-21-00
C-1308	81-66	02-Dec-81	238	JL 4-19-00	MB 4-21-00
C-1309	81-66	25-Nov-81	248	JL 4-19-00	MB 4-21-00
C-1315	81-66	30-Nov-81	226	JL 4-19-00	MB 4-21-00
C-1330	81-67	09-Dec-81	223	JL 4-19-00	MB 4-21-00
C-1321	82-01	22-Jan-82	255	JL 4-19-00	MB 4-21-00

SIGNATURE SECTION:

Lori J. Corey
Print Name

Lori J. Corey
Signature

JL
Initials

MICHAEL F. BRILKEY JR
Print Name

Michael F. Brilkey Jr
Signature

MB
Initials

Print Name

Signature

Initials

QC INSPECTION PLAN FOR VERIFICATION OF CESIUM CAPSULE DATA

Outer Capsule ID	Production # (Run book)	Calorimetry Date	Original Wattage (W)	Engineering Verification (initials/date)	QC Verification (initials/date)
C-1325	82-01	22-Jan-82	271	JE 4-19-00	MB 4-21-00
C-1326	82-01	22-Jan-82	272	JE 4-19-00	MB 4-21-00
C-1328	82-01	22-Jan-82	236	JE 4-19-00	MB 4-21-00
C-1329	82-01	22-Jan-82	281	JE 4-19-00	MB 4-21-00
C-1311	82-02	27-Jan-82	231	JE 4-19-00	MB 4-21-00
C-1312	82-02	27-Jan-82	236	JE 4-19-00	MB 4-21-00
C-1313	82-02	27-Jan-82	259	JE 4-19-00	MB 4-21-00
C-1322	82-02	27-Jan-82	236	JE 4-19-00	MB 4-21-00
C-1323	82-02	27-Jan-82	265	JE 4-19-00	MB 4-21-00
C-1324	82-02	27-Jan-82	247	JE 4-19-00	MB 4-21-00
C-1331	82-02	27-Jan-82	260	JE 4-19-00	MB 4-21-00
C-1332	82-03	28-Jan-82	229	JE 4-19-00	MB 4-21-00
C-1334	82-03	02-Feb-82	247	JE 4-19-00	MB 4-21-00
C-1377	82-03	02-Feb-82	253	JE 4-19-00	MB 4-21-00
C-1378	82-03	28-Jan-82	243	JE 4-19-00	MB 4-21-00
C-1379	82-03	28-Jan-82	245	JE 4-19-00	MB 4-21-00
C-1380	82-03	02-Feb-82	243	JE 4-19-00	MB 4-21-00
C-1382	82-04	01-Feb-82	210	JE 4-19-00	MB 4-21-00
C-1385	82-04	03-Feb-82	240	JE 4-19-00	MB 4-21-00
C-1386	82-05	04-Feb-82	258	JE 4-19-00	MB 4-21-00
C-1387	82-05	04-Feb-82	261	JE 4-19-00	MB 4-21-00
C-1410	82-06 MB 4-21-00	11-Feb-82 JE 4-19-00	263	JE 4-19-00	MB 4-21-00
C-1412	82-06 MB 4-21-00	11-Feb-82	259	JE 4-19-00	MB 4-21-00
C-1414	82-06	10-Feb-82	250	JE 4-19-00	MB 4-21-00
C-1417	82-06	11-Feb-82	251	JE 4-19-00	MB 4-21-00
C-1394	82-07	11-Feb-82	242	JE 4-19-00	MB 4-21-00
C-1395	82-07	12-Feb-82	257	JE 4-19-00	MB 4-21-00
C-1396	82-07	12-Feb-82	232	JE 4-19-00	MB 4-21-00
C-1397	82-07	12-Feb-82	236	JE 4-19-00	MB 4-21-00
C-1398	82-07	12-Feb-82	265	JE 4-19-00	MB 4-21-00
C-1399	82-08	16-Feb-82	270	JE 4-19-00	MB 4-21-00
C-1400	82-08	16-Feb-82	300	JE 4-19-00	MB 4-21-00
C-1401	82-08	16-Feb-82	271	JE 4-19-00	MB 4-21-00
C-1402	82-08	16-Feb-82	287	JE 4-19-00	MB 4-21-00
C-1403	82-08	16-Feb-82	265	JE 4-19-00	MB 4-21-00

SIGNATURE SECTION:

Lori E Covey
Print Name

Lori E Covey
Signature

JE
Initials

MICHAEL F. BRICKEY SR.
Print Name

Michael F. Brickey Sr.
Signature

MB
Initials

Print Name

Signature

Initials

QC INSPECTION PLAN FOR VERIFICATION OF CESIUM CAPSULE DATA

Outer Capsule ID	Production # (Run book)	Calorimetry Date	Original Wattage (W)	Engineering Verification (initials/date)	QC Verification (initials/date)
C-1404	82-08	16-Feb-82	263	JL 4-19-00	MB 4-21-00
C-1405	82-08	16-Feb-82	267	JL 4-19-00	MB 4-21-00
C-1407	82-09	18-Feb-82	249	JL 4-19-00	MB 4-21-00
C-1408	82-09	18-Feb-82	226	JL 4-19-00	MB 4-21-00
C-1409	82-09	18-Feb-82	235	JL 4-19-00	MB 4-21-00
C-1415	82-09	18-Feb-82	240	JL 4-19-00	MB 4-21-00
C-1482	82-09	23-Mar-82	256	JL 4-19-00	MB 4-21-00
C-1261	82-10	22-Feb-82	252	JL 4-19-00	MB 4-21-00
C-1262	82-10	22-Feb-82	253	JL 4-19-00	MB 4-21-00
C-1263	82-10	22-Feb-82	248	JL 4-19-00	MB 4-21-00
C-1264	82-10	22-Feb-82	260	JL 4-19-00	MB 4-21-00
C-1265	82-10 ^{MB 4-21-00}	22-Feb-82	261	JL 4-19-00	MB 4-21-00
C-1416	82-10	22-Feb-82	248	JL 4-19-00	MB 4-21-00
C-1419	82-10	22-Feb-82	257	JL 4-19-00	MB 4-21-00
C-1338	82-11	23-Feb-82	229	JL 4-19-00	MB 4-21-00
C-1339	82-11	23-Feb-82	246	JL 4-19-00	MB 4-21-00
C-1341	82-11	23-Feb-82	222	JL 4-19-00	MB 4-21-00
C-1342	82-11	23-Feb-82	237	JL 4-19-00	MB 4-21-00
C-1343	82-12	25-Feb-82	240	JL 4-19-00	MB 4-21-00
C-1345	82-12	25-Feb-82	240	JL 4-19-00	MB 4-21-00
C-1346	82-12	25-Feb-82	256	JL 4-19-00	MB 4-21-00
C-1347	82-12	02-Mar-82	225	JL 4-19-00	MB 4-21-00
C-1350	82-13	01-Mar-82	213	JL 4-19-00	MB 4-21-00
C-1353	82-13	01-Mar-82	223	JL 4-19-00	MB 4-21-00
C-1452	82-14	03-Mar-82	250	JL 4-19-00	MB 4-21-00
C-1457	82-14	03-Mar-82	260	JL 4-19-00	MB 4-21-00
C-1458	82-14	04-Mar-82	244	JL 4-19-00	MB 4-21-00
C-1459	82-14	03-Mar-82	255	JL 4-19-00	MB 4-21-00
C-1460	82-14	03-Mar-82	267	JL 4-19-00	MB 4-21-00
C-1461	82-14	03-Mar-82	259	JL 4-19-00	MB 4-21-00
C-1420	82-15	09-Mar-82	242	JL 4-19-00	MB 4-21-00
C-1423	82-15	09-Mar-82	228	JL 4-19-00	MB 4-21-00
C-1475	82-15	24-Mar-82	240	JL 4-19-00	MB 4-21-00
C-1477	82-15	24-Mar-82	249	JL 4-19-00	MB 4-21-00
C-1478	82-15	23-Mar-82	251	JL 4-19-00	MB 4-21-00

SIGNATURE SECTION:

Lori I Covey
Print Name

Lori I Covey
Signature

JL
Initials

MICHAEL F. BEICKEY SR
Print Name

Michael F. Beickey SR
Signature

MB
Initials

Print Name

Signature

Initials

QC INSPECTION PLAN FOR VERIFICATION OF CESIUM CAPSULE DATA

Outer Capsule ID	Production # (Run book)	Calorimetry Date	Original Wattage (W)	Engineering Verification (initials/date)	QC Verification (initials/date)
C-1481	82-15	23-Mar-82	255	JL 4-19-00	MB 4-21-00
C-1267	82-16	12-Mar-82	243	JL 4-19-00	MB 4-21-00
C-1269	82-16	12-Mar-82	226	JL 4-19-00	MB 4-21-00
C-1270	82-16	12-Mar-82	240	JL 4-19-00	MB 4-21-00
C-1271	82-16	12-Mar-82	226	JL 4-19-00	MB 4-21-00
C-1273	82-17	15-Mar-82	265	JL 4-19-00	MB 4-21-00
C-1426	82-17	15-Mar-82	268	JL 4-19-00	MB 4-21-00
C-1427	82-17	15-Mar-82	267	JL 4-19-00	MB 4-21-00
C-1432	82-17	15-Mar-82	267	JL 4-19-00	MB 4-21-00
C-1480	82-17 ^{MB} 4-21-00	2325-Mar-82	261	JL 4-19-00	MB 4-21-00
C-1490	82-17	29-Mar-82	265	JL 4-19-00	MB 4-21-00
C-1462	82-18 ^{MB} 4-21-00	1817-Mar-82	227	JL 4-19-00	MB 4-21-00
C-1464	82-18	17-Mar-82	226	JL 4-19-00	MB 4-21-00
C-1484	82-20	25-Mar-82	242	JL 4-19-00	MB 4-21-00
C-1485	82-20	29-Mar-82	245	JL 4-19-00	MB 4-21-00
C-1487	82-20	29-Mar-82	241	JL 4-19-00	MB 4-21-00
C-1488	82-20	25-Mar-82	242	JL 4-19-00	MB 4-21-00
C-1489	82-20 ^{MB} 4-21-00	2625-Mar-82	249	JL 4-19-00	MB 4-21-00
C-1275	82-21	31-Mar-82	242	JL 4-19-00	MB 4-21-00
C-1357	82-21	01-Apr-82	240	JL 4-19-00	MB 4-21-00
C-1541	82-21	01-Apr-82	240	JL 4-19-00	MB 4-21-00
C-1358	82-22	22-Jul-82	256	JL 4-19-00	MB 4-21-00
C-1374	82-22	26-Jul-82	254	JL 4-19-00	MB 4-21-00
C-1454	82-22	22-Jul-82	249	JL 4-19-00	MB 4-21-00
C-1455	82-22	18-Jul-82	263	JL 4-19-00	MB 4-21-00
C-1533	82-22	13-Aug-82	270	JL 4-19-00	MB 4-21-00
C-1497	82-23	23-Jul-82	287	JL 4-19-00	MB 4-21-00
C-1501	82-23	22-Jul-82	256	JL 4-19-00	MB 4-21-00
W-1503	82-23	22-Jul-82	254	JL 4-19-00	MB 4-21-00
W-1504	82-23	23-Jul-82	247	JL 4-19-00	MB 4-21-00
C-1360	82-24	27-Jul-82	254	JL 4-19-00	MB 8-10-00
C-1361	82-24	28-Jul-82	249	JL 4-19-00	MB 8-10-00
C-1364	82-24	28-Jul-82	260	JL 4-19-00	MB 8-10-00
W-1368	82-24	28-Jul-82	261	JL 4-19-00	MB 8-10-00
C-1549	82-24	01-Sep-82	255	JL 4-19-00	MB 8-10-00

SIGNATURE SECTION:

Lori I Covey
Print Name

Lori I Covey
Signature

JL
Initials

MICHAEL F. BRUCKEY SR
Print Name

Michael F. Bruckey Sr
Signature

MB
Initials

M. A. Hill (Michael)
Print Name

M.A. Hill
Signature

MAH
Initials

QC INSPECTION PLAN FOR VERIFICATION OF CESIUM CAPSULE DATA

Outer Capsule ID	Production # (Run book)	Calorimetry Date	Original Wattage (W)	Engineering Verification (initials/date)	QC Verification (initials/date)
C-1555	82-24 3 4 ²² 8-10-00	03-Sep-82	259	Je 8-10-00	MB 8-10-00
C-1369	82-25	03-Aug-82	246	Je 4-19-00	MB 4-21-00
C-1370	82-25	13-Aug-82	256	Je 4-19-00	MB 4-21-00
C-1371	82-25	03-Aug-82	243	Je 4-19-00	MB 4-21-00
C-1373	82-25	16-Aug-82	241	Je 4-19-00	MB 4-21-00
C-1375	82-25	16-Aug-82	260	Je 4-19-00	MB 4-21-00
C-1376	82-25	13-Aug-82	265	Je 4-19-00	MB 4-21-00
C-1548	82-25	09-Sep-82	237	Je 4-19-00	MB 4-21-00
C-1524	82-26	13-Aug-82	252	Je 4-19-00	MB 4-21-00
C-1527	82-26	31-Aug-82	237	Je 4-19-00	MB 4-21-00
C-1528	82-26	11-Aug-82	261	Je 4-19-00	MB 4-21-00
C-1529	82-26	11-Aug-82	284	Je 4-19-00	MB 4-21-00
C-1429	82-27	16-Aug-82	252	Je 4-19-00	MB 4-21-00
C-1430	82-27	19-Aug-82	222	Je 4-19-00	MB 4-21-00
C-1431	82-27	16-Aug-82	222	Je 4-19-00	MB 4-21-00
C-1434	82-27	16-Aug-82	213	Je 4-19-00	MB 4-21-00
C-1525	82-27	11-Aug-82	256	Je 4-19-00	MB 4-21-00
C-1435	82-28	16-Aug-82	239	Je 4-19-00	MB 4-21-00
C-1438	82-28 ^{MB} 4-21-00	17 Aug-82	221	Je 4-19-00	MB 4-21-00
C-1530	82-28	17-Aug-82	226	Je 4-19-00	MB 4-21-00
C-1535	82-28	18-Aug-82	230	Je 4-19-00	MB 4-21-00
C-1534	82-29	16-Aug-82	235	Je 4-19-00	MB 4-21-00
C-1537	82-29	18-Aug-82	228	Je 4-19-00	MB 4-21-00
C-1538	82-29	01-Sep-82	232	Je 4-19-00	MB 4-21-00
C-1539	82-29	03-Sep-82	228	Je 4-19-00	MB 4-21-00
C-1546	82-29	16-Aug-82	239	Je 4-19-00	MB 4-21-00
C-1440	82-30	19-Aug-82	258	Je 4-19-00	MB 4-21-00
C-1441	82-30	20-Aug-82	236	Je 4-19-00	MB 4-21-00
C-1442	82-30	20-Aug-82	242	Je 4-19-00	MB 4-21-00
C-1443	82-30	19-Aug-82	^{MB} 4-21-00 219 220	Je 4-19-00	MB 4-21-00
C-1444	82-30	19-Aug-82	255	Je 4-19-00	MB 4-21-00
C-1445	82-30	08-Sep-82	233	Je 4-19-00	MB 4-21-00
C-1446	82-30	20-Aug-82	249	Je 4-19-00	MB 4-21-00
C-1447	82-31	03-Sep-82	246	Je 4-19-00	MB 4-21-00
C-1448	82-31	31-Aug-82	236	Je 4-19-00	MB 4-21-00

SIGNATURE SECTION:

<u>Lori I Covey</u> Print Name	<u>Lori I Covey</u> Signature	<u>Je</u> Initials
<u>Michael F. Brickey Sr.</u> Print Name	<u>Michael F. Brickey Sr.</u> Signature	<u>MB</u> Initials
<u>M.A. Hill (Michael)</u> Print Name	<u>M.A. Hill</u> Signature	<u>MB</u> Initials

QC INSPECTION PLAN FOR VERIFICATION OF CESIUM CAPSULE DATA

Outer Capsule ID	Production # (Run book)	Calorimetry Date	Original Wattage (W)	Engineering Verification (initials/date)	QC Verification (initials/date)
C-1449	82-31	03-Sep-82	245	JL 4-19-00	MB 4-21-00
C-1450	82-31	03-Sep-82	242	JL 4-19-00	MB 4-21-00
C-1453	82-31	02-Sep-82	242	JL 4-19-00	MB 4-21-00
C-1456	82-31	03-Sep-82	249	JL 4-19-00	MB 4-21-00
C-1471	82-32	07-Sep-82	258	JL 4-19-00	MB 4-21-00
C-1479	82-32	07-Sep-82	256	JL 4-19-00	MB 4-21-00
C-1491	82-32	07-Sep-82	273	JL 4-19-00	MB 4-21-00
C-1536	82-32	31-Aug-82	243	JL 4-19-00	MB 4-21-00
C-1544	82-32	07-Sep-82	248	JL 4-19-00	MB 4-21-00
C-1545	82-32	01-Sep-82	248	JL 4-19-00	MB 4-21-00
C-1582	82-32	03-Sep-82	272	JL 4-19-00	MB 4-21-00
C-1551	82-33	01-Sep-82	264	JL 4-19-00	MB 4-21-00
C-1552	82-33	07-Sep-82	259	JL 4-19-00	MB 4-21-00
W-1553	82-33	02-Sep-82	241	JL 4-19-00	MB 4-21-00
C-1554	82-33	08-Sep-82	252	JL 4-19-00	MB 4-21-00
C-1566	82-33	01-Sep-82	251	JL 4-19-00	MB 4-21-00
C-1576	82-33	02-Sep-82	261	JL 4-19-00	MB 4-21-00
C-1557	82-34	01-Sep-82	254	JL 4-19-00	MB 4-21-00
C-1558	82-34	01-Sep-82	256	JL 4-19-00	MB 4-21-00
C-1560	82-34	03-Sep-82	264	JL 4-19-00	MB 4-21-00
C-1561	82-34	01-Sep-82	233	JL 4-19-00	MB 4-21-00
W-1562	82-34	02-Sep-82	258	JL 4-19-00	MB 4-21-00
C-1563	82-34	03-Sep-82	239	JL 4-19-00	MB 4-21-00
C-1494	82-35	09-Sep-82	236	JL 4-19-00	MB 4-21-00
C-1556	82-35	07-Sep-82	239	JL 4-19-00	MB 4-21-00
C-1568	82-35	09-Sep-82	216	JL 4-19-00	MB 4-21-00
C-1569	82-35	08-Sep-82	242	JL 4-19-00	MB 4-21-00
C-1570	82-35	08-Sep-82	255	JL 4-19-00	MB 4-21-00
C-1493	82-36	09-Sep-82	250	JL 4-19-00	MB 4-21-00
C-1500	82-36	09-Sep-82	240	JL 4-19-00	MB 4-21-00
C-1506	82-36	10-Sep-82	239	JL 4-19-00	MB 4-21-00
W-1507	82-36	09-Sep-82	244	JL 4-19-00	MB 4-21-00
C-1508	82-36	09-Sep-82	253	JL 4-19-00	MB 4-21-00
C-1509	82-36	08-Sep-82	245	JL 4-19-00	MB 4-21-00
C-1564	82-36	10-Sep-82	246	JL 4-19-00	MB 4-21-00

SIGNATURE SECTION:

Lori I Covey
Print Name

MICHAEL F. BRICKEY SR.
Print Name

JL
Signature

Michael F. Brickey SR.
Signature

JL
Initials

MB
Initials

Print Name

Signature

Initials

QC INSPECTION PLAN FOR VERIFICATION OF CESIUM CAPSULE DATA

Outer Capsule ID	Production # (Run book)	Calorimetry Date	Original Wattage (W)	Engineering Verification (initials/date)	QC Verification (initials/date)
C-1571	82-37	14-Sep-82	242	JL 4-19-00	MB 4-21-00
C-1574	82-37	14-Sep-82	225	JL 4-19-00	MB 4-21-00
C-1575	82-37	14-Sep-82	223	JL 4-19-00	MB 4-21-00
C-1510	83-01	13-Apr-83	230	JL 4-19-00	MB 4-21-00
C-1511	83-01	15-Apr-83	258	JL 4-19-00	MB 4-21-00
C-1512	83-01	12-Apr-83	245	JL 4-19-00	MB 4-21-00
C-1573	83-01	12-Apr-83	239	JL 4-19-00	MB 4-21-00
C-1588	83-01	12-Apr-83	232	JL 4-19-00	MB 4-21-00
C-1514	83-02	15-Apr-83	251	JL 4-19-00	MB 4-21-00
C-1577	83-02	15-Apr-83	248	JL 4-19-00	MB 4-21-00
C-1578	83-02	15-Apr-83	256	JL 4-19-00	MB 4-21-00
C-1608	83-02	09-May-83	255	JL 4-19-00	MB 4-21-00
C-1579	83-03	20-Apr-83	242	JL 4-19-00	MB 8-8-00
C-1581	83-03	21-Apr-83	242	JL 4-19-00	MB 8-8-00
C-1583	83-03	25-Apr-83	246	JL 4-19-00	MB 8-8-00
C-1584	83-03	22-Apr-83	249	JL 4-19-00	MB 8-8-00
C-1585	83-03	21-Apr-83	256	JL 4-19-00	MB 8-8-00
C-1593	83-03	21-Apr-83	241	JL 4-19-00	MB 8-8-00
C-1635	83-03	19-May-83	236	JL 4-19-00	MB 8-8-00
C-1516	83-04	25-Apr-83	224	JL 4-19-00	MB 4-21-00
C-1518	83-04 ^{MB} 4-21-00	21-24-Apr-83	239	JL 4-19-00	MB 4-21-00
C-1586	83-04	22-Apr-83	219	JL 4-19-00	MB 4-21-00
C-1587	83-04 ^{MB} 4-21-00	21-22-Apr-83	220	JL 4-19-00	MB 4-21-00
C-1612	83-04 ^{MB} 4-21-00	25-25-Apr-83 ^{MB} 4-21-00	228	JL 4-19-00	MB 4-21-00
C-1616	83-04 ^{MB} 4-21-00	26-25-Apr-83	217	JL 4-19-00	MB 4-21-00
C-1627	83-04	22-Apr-83	233	JL 4-19-00	MB 4-21-00
C-1591	83-05	27-Apr-83	240	JL 4-19-00	MB 4-21-00
W-1592	83-05	27-Apr-83	237	JL 4-19-00	MB 4-21-00
C-1598	83-05	29-Apr-83	231	JL 4-19-00	MB 4-21-00
C-1599	83-05	29-Apr-83	^{MB} 4-21-00 237 236	JL 4-19-00	MB 4-21-00
W-1600	83-05	29-Apr-83	235	JL 4-19-00	MB 4-21-00
C-1519	83-06	27-Apr-83	238	JL 4-19-00	MB 4-21-00
C-1520	83-06	27-Apr-83	243	JL 4-19-00	MB 4-21-00
C-1521	83-06	28-Apr-83	239	JL 4-19-00	MB 4-21-00
C-1522	83-06	28-Apr-83	326	JL 4-19-00	MB 4-21-00

SIGNATURE SECTION:

Lon I Covey
Print Name

Lon I Covey
Signature

JL
Initials

MICHAEL F. BRICKEY SR.
Print Name

Michael F. Brickey SR
Signature

MB
Initials

Print Name

Signature

Initials

QC INSPECTION PLAN FOR VERIFICATION OF CESIUM CAPSULE DATA

Outer Capsule ID	Production # (Run book)	Calorimetry Date	Original Wattage (W)	Engineering Verification (initials/date)	QC Verification (initials/date)
C-1594	83-06	28-Apr-83	252	Je 4-19-00	MB 4-21-00
C-1595	83-06	28-Apr-83	245	Je 4-19-00	MB 4-21-00
C-1596	83-06	28-Apr-83	255	Je 4-19-00	MB 4-21-00
C-1602	83-07	29-Apr-83	191	Je 4-19-00	MB 4-21-00
C-1603	83-07	29-Apr-83	226	Je 4-19-00	MB 4-21-00
C-1606	83-07	02-May-83	236	Je 4-19-00	MB 4-21-00
C-1611	83-07	29-Apr-83	217	Je 4-17-00	MB 4-21-00
C-1609	83-08	05-May-83	255	Je 4-19-00	MB 4-21-00
C-1610	83-08	05-May-83	248	Je 4-19-00	MB 4-21-00
C-1613	83-08	05-May-83	241	Je 4-19-00	MB 4-21-00
C-1614	83-08	05-May-83	239	Je 4-19-00	MB 4-21-00
C-1615	83-08	05-May-83	250	Je 4-19-00	MB 4-21-00
C-1617	83-08	06-May-83	245	Je 4-19-00	MB 4-21-00
C-1618	83-08	09-May-83	240	Je 4-19-00	MB 4-21-00
C-1499	83-09	10-May-83	250	Je 4-19-00	MB 4-21-00
C-1505	83-09	06-May-83	242	Je 4-19-00	MB 4-21-00
C-1523	83-09	06-May-83	243	Je 4-19-00	MB 4-21-00
C-1628	83-09	06-May-83	240	Je 4-19-00	MB 4-21-00
C-1665	83-09	06-May-83	246	Je 4-19-00	MB 4-21-00
C-1607	83-10	11-May-83	251	Je 4-19-00	MB 4-24-00
C-1623	83-10	10-May-83	244	Je 4-19-00	MB 4-24-00
C-1642	83-10	09-May-83	240	Je 4-19-00	MB 4-24-00
C-1648	83-10	10-May-83	257	Je 4-19-00	MB 4-24-00
C-1654	83-10	10-May-83	256	Je 4-19-00	MB 4-24-00
C-1659	83-10	10-May-83	245	Je 4-19-00	MB 4-24-00
C-1619	83-11	16-May-83	251	Je 4-19-00	MB 4-24-00
C-1640	83-11	16-May-83	263	Je 4-19-00	MB 4-24-00
C-1641	83-11	16-May-83	247	Je 4-19-00	MB 4-24-00
C-1647	83-11	16-May-83	252	Je 4-19-00	MB 4-24-00
C-1660	83-11	16-May-83	248	Je 4-19-00	MB 4-24-00
C-1664	83-11	16-May-83	234	Je 4-19-00	MB 4-24-00
C-1666	83-11	17-May-83	246	Je 4-19-00	MB 4-24-00
C-1624	83-12	18-May-83	247	Je 4-19-00	MB 4-24-00
C-1625	83-12	18-May-83	258	Je 4-19-00	MB 4-24-00
C-1634	83-12	20-May-83	262	Je 4-19-00	MB 4-24-00

SIGNATURE SECTION:

Loe. I. Covey
Print Name

Je J. Ely
Signature

Je
Initials

MICHAEL F. BRICKEY SR.
Print Name

Michael F. Brickey Sr.
Signature

MB
Initials

Print Name

Signature

Initials

QC INSPECTION PLAN FOR VERIFICATION OF CESIUM CAPSULE DATA

Outer Capsule ID	Production # (Run book)	Calorimetry Date	Original Wattage (W)	Engineering Verification (initials/date)	QC Verification (initials/date)
C-1652	83-12	20-May-83	281	JL 4-19-00	WB 4-24-00
C-1653	83-12	20-May-83	260	JL 4-19-00	WB 4-24-00
C-1677	83-12	20-Jun-83	287	JL 4-19-00	WB 4-24-00
C-1633	83-13	24-May-83	252	JL 4-19-00	WB 4-24-00
C-1646	83-13	20-May-83	258	JL 4-19-00	WB 4-24-00
C-1631	83-14	31-May-83	232	JL 4-19-00	WB 4-24-00
C-1632	83-14	24-May-83	245	JL 4-19-00	WB 4-24-00
C-1637	83-14	31-May-83	229	JL 4-19-00	WB 4-24-00
C-1639	83-14	24-May-83	241	JL 4-19-00	WB 4-24-00
C-1645	83-14	24-May-83	240	JL 4-19-00	WB 4-24-00
C-1649	83-14	27-May-83	223	JL 4-19-00	WB 4-24-00
C-1657	83-14	24-May-83	225	JL 4-19-00	WB 4-24-00
C-1651	83-15	27-May-83	190	JL 4-19-00	WB 4-24-00
C-1656	83-15	31-May-83	226	JL 4-19-00	WB 4-24-00
C-1621	83-16	02-Jun-83	224	JL 4-19-00	WB 4-24-00
C-1655	83-16	31-May-83	231	JL 4-19-00	WB 4-24-00
C-1662	83-16	01-Jun-83	213	JL 4-19-00	WB 4-24-00
C-1667	83-16	01-Jun-83	228	JL 4-19-00	WB 4-24-00
C-1668	83-16	02-Jun-83	216	JL 4-19-00	WB 4-24-00
C-1679	83-16	20-Jun-83	256	JL 4-19-00	WB 4-24-00
C-1674	83-17	02-Aug-83	293	JL 4-19-00	WB 4-24-00
C-1685	83-17	02-Aug-83	271	JL 4-19-00	WB 4-24-00
C-1686	83-17	02-Aug-83	282	JL 4-19-00	WB 4-24-00
C-1715	83-17	29-Jul-83	327	JL 4-19-00	WB 4-24-00
C-1716	83-17	02-Aug-83	284	JL 4-19-00	WB 4-24-00
C-1718	83-17	28-Jul-83	278	JL 4-19-00	WB 4-24-00
C-1671	83-18	03-Aug-83	251	JL 4-19-00	WB 4-24-00
C-1672	83-18	01-Aug-83	250	JL 4-19-00	WB 4-24-00
C-1687	83-18 ^{WB 4-24-00}	03-Aug-83	250	JL 4-19-00	WB 4-24-00
C-1689	83-18	03-Aug-83	298	JL 4-19-00	WB 4-24-00
C-1690	83-18	03-Aug-83	289	JL 4-19-00	WB 4-24-00
C-1691	83-18	03-Aug-83	268	JL 4-19-00	WB 4-24-00
C-1717	83-18	01-Aug-83	250	JL 4-19-00	WB 4-24-00
C-1688	83-19	15-Aug-83	277	JL 4-19-00	WB 4-24-00
C-1692	83-19	15-Aug-83	290	JL 4-19-00	WB 4-24-00

SIGNATURE SECTION:

Lori I Covey
Print Name

Jeri J Covey
Signature

JL
Initials

MICHAEL F. BRICKEYSR
Print Name

Michael F. Brickeysr
Signature

WB
Initials

Print Name

Signature

Initials

QC INSPECTION PLAN FOR VERIFICATION OF CESIUM CAPSULE DATA

Outer Capsule ID	Production # (Run book)	Calorimetry Date	Original Wattage (W)	Engineering Verification (initials/date)	QC Verification (initials/date)
C-1693	83-19	15-Aug-83	280	Je 4-19-00	MB 4-24-00
C-1694	83-19	17-Aug-83	217	Je 4-19-00	MB 4-24-00
C-1736	83-19	08-Sep-83	222	Je 4-19-00	MB 4-24-00
C-1760	83-19	19-Sep-83	199	Je 4-19-00	MB 4-24-00
C-1709	83-20 ^{MB} 4-24-00	23 22-Aug-83	245	Je 4-19-00	MB 4-24-00
C-1711	83-20	22-Aug-83	245	Je 4-19-00	MB 4-24-00
C-1712	83-20	19-Aug-83	243	Je 4-19-00	MB 4-24-00
C-1713	83-20	19-Aug-83	247	Je 4-19-00	MB 4-24-00
C-1720	83-20	22-Aug-83	245	Je 4-19-00	MB 4-24-00
C-1697	83-21	22-Aug-83	251	Je 4-19-00	MB 4-24-00
C-1698	83-21	23-Aug-83	260	Je 4-19-00	MB 4-24-00
C-1699	83-21	23-Aug-83	250	Je 4-19-00	MB 4-24-00
C-1710	83-21	22-Aug-83	237	Je 4-19-00	MB 4-24-00
C-1724	83-21	23-Aug-83	266	Je 4-19-00	MB 4-24-00
C-1730	83-21	22-Aug-83	256	Je 4-19-00	MB 4-24-00
C-1776	83-21 ^{MB} 4-24-00	12 22-Aug-83	247	Je 4-19-00	MB 4-24-00
C-1700	83-22	25-Aug-83	272	Je 4-19-00	MB 4-24-00
C-1701	83-22	25-Aug-83	247	Je 4-19-00	MB 4-24-00
C-1703	83-22	01-Sep-83	305	Je 4-19-00	MB 4-24-00
C-1704	83-22	01-Sep-83	312	Je 4-19-00	MB 4-24-00
C-1705	83-22	26-Aug-83	273	Je 4-19-00	MB 4-24-00
C-1706	83-22	26-Aug-83	270	Je 4-19-00	MB 4-24-00
C-1707	83-22	25-Aug-83	248	Je 4-19-00	MB 4-24-00
C-1722	83-23	31-Aug-83	253	Je 4-19-00	MB 4-24-00
C-1725	83-23	29-Aug-83	270	Je 4-19-00	MB 4-24-00
C-1726	83-23	31-Aug-83	227	Je 4-19-00	MB 4-24-00
C-1727	83-23	31-Aug-83	272	Je 4-19-00	MB 4-24-00
C-1728	83-23	31-Aug-83	234	Je 4-19-00	MB 4-24-00
C-1729	83-23	01-Sep-83	333	Je 4-19-00	MB 4-24-00
C-1731	83-23	29-Aug-83	271	Je 4-19-00	MB 4-24-00
C-1732	83-24	31-Aug-83	260	Je 4-19-00	MB 4-24-00
C-1733	83-24	31-Aug-83	272	Je 4-19-00	MB 4-24-00
C-1734	83-24	01-Sep-83	296	Je 4-19-00	MB 4-24-00
C-1735	83-24	01-Sep-83	301	Je 4-19-00	MB 4-24-00
C-1772	83-25	07-Sep-83	260	Je 4-19-00	MB 4-24-00

SIGNATURE SECTION:

Lori I Covey
Print Name

Jim J. Cunn
Signature

Je
Initials

MICHAEL F. BRICKEY SR
Print Name

Michael F. Brickey SR
Signature

MB
Initials

Print Name

Signature

Initials

QC INSPECTION PLAN FOR VERIFICATION OF CESIUM CAPSULE DATA

Outer Capsule ID	Production # (Run book)	Calorimetry Date	Original Wattage (W)	Engineering Verification (initials/date)	QC Verification (initials/date)
C-1773	83-25	07-Sep-83	280	JE 4-19-00	MB 4-24-00
C-1774	83-25	12-Sep-83	251	JE 4-19-00	MB 4-24-00
C-1767	83-26	12-Sep-83	242	JE 4-19-00	MB 4-24-00
C-1769	83-26	12-Sep-83	275	JE 4-19-00	MB 4-24-00
C-1770	83-26	12-Sep-83	241	JE 4-19-00	MB 4-24-00
C-1771	83-26	12-Sep-83	240	JE 4-19-00	MB 4-24-00
C-1778	83-26	09-Sep-83	259	JE 4-19-00	MB 4-24-00
C-1737	83-27	13-Sep-83	244	JE 4-19-00	MB 4-24-00
C-1762	83-27 ^{MB} 4-24-00	14-15-Sep-83	234	JE 4-19-00	MB 4-24-00
C-1763	83-27	14-Sep-83	252	JE 4-19-00	MB 4-24-00
C-1764	83-27	14-Sep-83	237	JE 4-19-00	MB 4-24-00
C-1765	83-27 ^{MB} 4-24-00	14-15-Sep-83	251	JE 4-19-00	MB 4-24-00
C-1766	83-27	13-Sep-83	251	JE 4-19-00	MB 4-24-00
C-1768	83-27 ^{MB} 4-24-00	14-15-Sep-83	234	JE 4-19-00	MB 4-24-00
C-1738	83-28	15-Sep-83	242	JE 4-19-00	MB 4-24-00
C-1761	83-28	15-Sep-83	239	JE 4-19-00	MB 4-24-00
C-1752	83-29	30-Sep-83	245	JE 4-19-00	MB 4-24-00
C-1755	83-29	27-Sep-83	175	JE 4-19-00	MB 4-24-00
C-1758	83-29	26-Sep-83	256	JE 4-19-00	MB 4-24-00
C-1746	83-30	18-Oct-83	243	JE 4-19-00	MB 4-24-00
C-1750	83-30	18-Oct-83	249	JE 4-19-00	MB 4-24-00
C-1751	83-30	18-Oct-83	261	JE 4-19-00	MB 4-24-00
C-1753	83-30	18-Oct-83	300	JE 4-19-00	MB 4-24-00
C-1781	83-30	28-Oct-83	215	JE 4-19-00	MB 4-24-00
C-1782	83-30	28-Oct-83	253	JE 4-19-00	MB 4-24-00
C-1740	83-31	20-Oct-83	262	JE 4-19-00	MB 4-24-00
C-1742	83-31 ^{MB} 4-24-00	21-24-Oct-83	239	JE 4-19-00	MB 4-24-00
C-1744	83-31	20-Oct-83	275	JE 4-19-00	MB 4-24-00
C-1745	83-31	20-Oct-83	245	JE 4-19-00	MB 4-24-00
C-1783	83-31	28-Oct-83	249	JE 4-19-00	MB 4-24-00
C-1754	83-32	30-Oct-83	223	JE 4-19-00	MB 4-24-00
C-1779	83-32	30-Oct-83	222	JE 4-19-00	MB 4-24-00
C-1784	83-32	30-Oct-83	237	JE 4-19-00	MB 4-24-00
C-1785	83-32	31-Oct-83	231	JE 4-19-00	MB 4-24-00
C-1790	83-32	31-Oct-83	243	JE 4-19-00	MB 4-24-00

SIGNATURE SECTION:

Lori T. Covey
Print Name

Lori T. Covey
Signature

JE
Initials

MICHAEL F BRICKEY SR
Print Name

Michael F. Brickey SR
Signature

MB
Initials

Print Name

Signature

Initials

QC INSPECTION PLAN FOR VERIFICATION OF CESIUM CAPSULE DATA

Outer Capsule ID	Production # (Run book)	Calorimetry Date	Original Wattage (W)	Engineering Verification (initials/date)	QC Verification (initials/date)
W-PP1	N/A	25-Sep-98	20	Je 4-19-00	MB 8-8-00
W-PP2	N/A	25-Sep-98	125	Je 4-19-00	MB 8-8-00
W-PP3	N/A	25-Sep-98	52	Je 4-19-00	MB 8-8-00
W-PP4	N/A	25-Sep-98	57	Je 4-19-00	MB 8-8-00
W-PP5	N/A	25-Sep-98	142	Je 4-19-00	MB 8-8-00
W-PP7	N/A	25-Sep-98	112	Je 4-19-00	MB 8-8-00
W-PP8	N/A	25-Sep-98	88	Je 4-19-00	MB 8-8-00

SIGNATURE SECTION:

Lori I Covey
Print Name

Lori I Covey
Signature

Je
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MICHAEL F. BRICKEY SA
Print Name

Michael F. Brickey SA
Signature

MB
Initials

Print Name

Signature

Initials

QC INSPECTION PLAN FOR VERIFICATION OF THE WASTE ENCAPSULATION AND STORAGE FACILITY STRONTIUM CAPSULE DATA

This inspection plan will have QC verify the outer capsule identification number, the date the calorimetry was performed, and the original calculated wattage using the facility copies of the strontium run books.

The numbers used to calculate capsule wattage (e.g., tank volumes, temperature differences) varied between 2 and 4 significant figures. For simplicity and to accommodate for rounding errors, 3 significant figures were chosen for this database. When performing rounding, the number was rounded up if it was a 5 or higher and rounded down if it was a 4 or lower.

Lori I. Covey
System Engineer

7-6-00
Date

M.A. Hill
Quality Assurance

7-11-2000
Date

QC INSPECTION PLAN FOR VERIFICATION OF STRONTIUM CAPSULE DATA

Outer Capsule ID	Production # (runbook)	Calorimetry Date	Original Wattage (W)	Engineering Verification (initials/date)	QC Verification (initials/date)
S-5	001	13-Nov-74	476	JL 7-6-00	MB 7-18-00
S-22	001W	20-Mar-75	164	JL 7-6-00	MB 7-18-00
S-7	002	12-Apr-75 ^{21 NOV 74}	432 ⁴¹⁶	JL 7-6-00	MB 8-8-00
S-55	002W	29-Jul-75	156	JL 7-6-00	MB 7-18-00
S-17	003	06-Mar-75	433	JL 7-6-00	MB 7-18-00
S-74	003W	06-Nov-75	126	JL 7-6-00	MB 7-18-00
S-9	004	30-Dec-74	478	JL 7-6-00	MB 7-18-00
S-76	004W	07-Nov-75	218	JL 7-6-00	MB 7-18-00
S-21	005	12-Apr-75 ^{14 MAR}	424 ³⁵⁷	JL 7-6-00	MB 8-8-00
S-98	005W	13-Jan-76	186	JL 7-6-00	MB 7-18-00
S-11	006	07-Jan-75	485	JL 7-6-00	MB 7-18-00
S-99	006W	14-Jan-76	58	JL 7-6-00	MB 7-18-00
S-12	007	27-Jan-75	447	JL 7-6-00	MB 7-18-00
S-119	007W	3-Feb-76	252	JL 7-19-00	MB 7-27-00
S-10	008	27-Jan-75	483	JL 7-6-00	MB 7-18-00
S-404	008W	17-Mar-76	381	JL 7-19-00	MB 7-27-00
S-14	009	28-Jan-75	463	JL 7-6-00	MB 7-18-00
S-412	009W	10-Aug-76	326	JL 7-19-00	MB 7-27-00
S-19	010	17-Mar-75	448	JL 7-6-00	MB 7-18-00
S-413	010W	4-Oct-76	326	JL 7-19-00	MB 7-27-00
S-20	011	20-Mar-75	456	JL 7-6-00	MB 7-18-00
S-414	011W	7-Oct-76	218	JL 7-19-00	MB 7-27-00

SIGNATURE SECTION:

Lori J Covey
Print Name

Lori J Covey
Signature

JL
Initials

M F BRICKEY SR.
Print Name

M F Brickey Sr.
Signature

MB
Initials

Print Name

Signature

Initials

QC INSPECTION PLAN FOR VERIFICATION OF STRONTIUM CAPSULE DATA

Outer Capsule ID	Production # (runbook)	Calorimetry Date	Original Wattage (W)	Engineering Verification (initials/date)	QC Verification (initials/date)
S-23	012	26-Mar-75	514	Je 7-6-00	MB 7-18-00
S-416	012W	7-Oct-76	344	Je 7-19-00	MB 7-27-00
S-24	013	28-Mar-75	484	Je 7-6-00	MB 7-18-00
S-423	013W	30-Nov-76	317	Je 7-19-00	MB 7-27-00
S-25	014	29-Mar-75	514	Je 7-6-00	MB 7-18-00
S-424	014W	1-Dec-76	414	Je 7-19-00	MB 7-27-00
S-26	015	^{MB 8-8-00} 12-Apr-75	^{MB 8-8-00} 539 510	Je 7-6-00	MB 8-8-00
S-425	015W	2-Dec-76	397	Je 7-19-00	MB 7-27-00
S-16	016	^{MB 7-18-00} 16-Apr-75	465	Je 7-6-00	MB 7-18-00
S-426	016W	03-Dec-76	248	Je 7-6-00	MB 7-18-00
S-28	017	^{MB 7-18-00} 12-Apr-75	516	Je 7-6-00	MB 7-18-00
S-429	017W	28-Dec-76	439	Je 7-6-00	MB 7-18-00
S-30	018	17-Apr-75	527	Je 7-6-00	MB 7-18-00
S-439	018W	29-Jan-77	476	Je 7-6-00	MB 7-18-00
S-31	019	19-Apr-75	489	Je 7-6-00	MB 7-18-00
S-428	019W	22-Dec-76	715	Je 7-6-00	MB 7-18-00
S-446	019W	15-Feb-77	433	Je 7-6-00	MB 7-18-00
S-8	020	19-Apr-75	558	Je 7-6-00	MB 7-18-00
S-451	020W	10-Mar-77	797	Je 7-6-00	MB 7-18-00
S-15	021	12-Apr-75	455	Je 7-6-00	MB 7-18-00
S-453	021W	10-Mar-77	380	Je 7-6-00	MB 7-18-00
S-3	022	23-Apr-75	553	Je 7-6-00	MB 7-18-00
S-456	022W	^{77 MB 9-25-00} 12-Mar-76	436	Je 7-6-00	MB 7-18-00

SIGNATURE SECTION:

Lori I Covey
Print Name

Lori I Covey
Signature

Je
Initials

M.F. BRICKEY SR.
Print Name

M.F. Brickey SR.
Signature

MB
Initials

MICHAEL A. HILL
Print Name

M.A. Hill
Signature

M.A.H.
Initials

QC INSPECTION PLAN FOR VERIFICATION OF STRONTIUM CAPSULE DATA

Outer Capsule ID	Production # (runbook)	Calorimetry Date	Original Wattage (W)	Engineering Verification (initials/date)	QC Verification (initials/date)
S-34	023	23-Apr-75	585	JE 7-6-00	MB 7-18-00
S-469	023W	19-Apr-77	653	JE 7-6-00	MB 7-18-00
S-35	024	09-May-75	489	JE 7-6-00	MB 7-18-00
S-468	024W	19-Apr-77	652	JE 7-6-00	MB 7-18-00
S-36	025	09-May-75	495	JE 7-6-00	MB 7-18-00
S-472	025W	20-Apr-77	384	JE 7-6-00	MB 7-18-00
S-37	026	14-May-75	475	JE 7-6-00	MB 7-18-00
S-483	026W ^{MB} 7-18-00	^{MAY} 17 18-Apr-77	212	JE 7-6-00	MB 7-18-00
S-38	027	13-May-75	486	JE 7-6-00	MB 7-18-00
S-482	027W	13-May-77	350	JE 7-6-00	MB 7-18-00
S-39	028	15-May-75	508	JE 7-6-00	MB 7-18-00
S-485	028W	23-May-77	268	JE 7-6-00	MB 7-18-00
S-40	029 ^{MB} 7-18-00	22 21-May-75	505	JE 7-6-00	MB 7-18-00
S-41	030	19-May-75	474	JE 7-6-00	MB 7-18-00
S-18	031 ^{MB} 7-18-00	21 20-May-75	445	JE 7-6-00	MB 7-18-00
S-44	032	24-Jun-75	478	JE 7-6-00	MB 7-18-00
S-43	033	30-May-75	486	JE 7-6-00	MB 7-18-00
S-45	034	23-May-75	471	JE 7-6-00	MB 7-18-00
S-48	036	10-Jun-75	515	JE 7-6-00	MB 7-18-00
S-49	037 ^{MB} 7-18-00	18 24-Jun-75	510	JE 7-6-00	MB 7-18-00
S-50	038	09-Jun-75	554	JE 7-6-00	MB 7-18-00
S-59	043 ^{MB} 7-18-00	14 06-Aug-75	448	JE 7-6-00	MB 7-18-00
S-60	044	19-Aug-75	463	JE 7-6-00	MB 7-18-00

SIGNATURE SECTION:

Lori I Covey
Print Name

Jul D Carey
Signature

JE
Initials

MF BRICKEY SR
Print Name

MF Brickey SR
Signature

MB
Initials

Print Name

Signature

Initials

QC INSPECTION PLAN FOR VERIFICATION OF STRONTIUM CAPSULE DATA

Outer Capsule ID	Production # (runbook)	Calorimetry Date	Original Wattage (W)	Engineering Verification (initials/date)	QC Verification (initials/date)
S-62	045	21-Aug-75	530	Je 7-6-00	MB 7-18-00
S-63	046	25-Aug-75	521	Je 7-6-00	MB 7-18-00
S-66	049	24-Sep-75	477	Je 7-6-00	MB 7-18-00
S-69	051	29-Sep-75	453	Je 7-6-00	MB 7-18-00
S-70	052	30-Oct-75	531	Je 7-6-00	MB 7-18-00
S-71	053	30-Oct-75	498	Je 7-6-00	MB 7-18-00
S-77	057,058 ^{MB} ₇₋₁₈₋₀₀	21 20-Nov-75	970	Je 7-6-00	MB 7-18-00
S-78	058	17-Nov-75	836	Je 7-6-00	MB 7-18-00
S-86	060	09-Dec-75	968	Je 7-6-00	MB 7-18-00
S-83	061	28-Nov-75	933	Je 7-6-00	MB 7-18-00
S-94	067	09-Dec-75	911	Je 7-6-00	MB 7-18-00
S-100	071	14-Jan-76	750	Je 7-6-00	MB 7-18-00
S-104	073 ^{MB} ₇₋₁₈₋₀₀	16 14-Jan-76	694	Je 7-6-00	MB 7-18-00
S-106	074,075	19-Jan-76	711	Je 7-6-00	MB 7-18-00
S-107	075	19-Jan-76	709	Je 7-6-00	MB 7-18-00
S-52	076	20-Jan-76	759	Je 7-6-00	MB 7-18-00
S-109	077,078	22-Jan-76	823	Je 7-6-00	MB 7-18-00
S-110	077,078	23-Jan-75 76 ^{MB} ₇₋₁₈₋₀₀	810	Je 7-6-00	MB 7-18-00
S-88	078	23-Jan-76	847	Je 7-6-00	MB 7-18-00
S-111	078,079	28-Jan-76	839	Je 7-6-00	MB 7-18-00
S-112	079,080	30-Jan-76	990	Je 7-6-00	MB 7-18-00
S-90	080	31-Jan-76	841	Je 7-6-00	MB 7-18-00
S-113	082	10-Feb-76	812	Je 7-6-00	MB 7-18-00

SIGNATURE SECTION:

Lori I Covey
Print Name

Lori I Covey
Signature

Je
Initials

MF BRICKEY se
Print Name

MF Brickey se
Signature

MB
Initials

Print Name

Signature

Initials

QC INSPECTION PLAN FOR VERIFICATION OF STRONTIUM CAPSULE DATA

Outer Capsule ID	Production # (runbook)	Calorimetry Date	Original Wattage (W)	Engineering Verification (initials/date)	QC Verification (initials/date)
S-117	082,083	04-Feb-76	815	JE 7-6-00	MB 7-18-00
S-121	084	5-Feb-76	726	JE 7-19-00	MB 7-27-00
S-123	085	9-Feb-76	713	JE 7-19-00	MB 7-27-00
S-125	086,087	12-Feb-76	753	JE 7-19-00	MB 7-27-00
S-400	088,089	16-Mar-76	771	JE 7-19-00	MB 7-27-00
S-129	089,090	21-Feb-76	828	JE 7-19-00	MB 7-27-00
S-408	091,092	25-Mar-76	905	JE 7-19-00	MB 7-27-00
S-401	093	16-Mar-76	834	JE 7-19-00	MB 7-27-00
S-405	093,094	17-Mar-76	808	JE 7-19-00	MB 7-27-00
S-402	095	16-Mar-76	814	JE 7-19-00	MB 7-27-00
S-410	096	30-Mar-76	843	JE 7-19-00	MB 7-27-00
S-415	097,098	7-Oct-76	753	JE 7-19-00	MB 7-27-00
S-417	099	8-Oct-76	761	JE 7-19-00	MB 7-27-00
S-419	100-101	20-Oct-76	764	JE 7-19-00	MB 7-27-00
S-421	102	20-Oct-76	710	JE 7-19-00	MB 7-27-00
S-422	102	10-Nov-76	783	JE 7-19-00	MB 7-27-00
S-430	106,107	28-Dec-76	739	JE 7-6-00	MB 7-18-00
S-432	106,107	11-Jan-77	725	JE 7-6-00	MB 7-18-00
S-433	108	11-Jan-77	744	JE 7-6-00	MB 7-18-00
S-434	110	20-Jan-77	781	JE 7-6-00	MB 7-18-00
S-435	110	20-Jan-77	706	JE 7-6-00	MB 7-18-00
S-436	110	25-Jan-77	755	JE 7-6-00	MB 7-18-00
S-46	33-34	30-May-75	512	JE 7-6-00	MB 7-18-00

SIGNATURE SECTION:

Luci I Covey
Print Name

Luci I Covey
Signature

JE
Initials

MF BRICKEY SR
Print Name

MF Brickey Sr.
Signature

MB
Initials

Print Name

Signature

Initials

QC INSPECTION PLAN FOR VERIFICATION OF STRONTIUM CAPSULE DATA

Outer Capsule ID	Production # (runbook)	Calorimetry Date	Original Wattage (W)	Engineering Verification (initials/date)	QC Verification (initials/date)
S-56	35-39	25-Jul-75	535	Je 7-6-00	MB 7-18-00
S-51	38-39	27-Jun-75	484	Je 7-6-00	MB 7-18-00
S-57	39-42	12-Aug-75	508	Je 7-6-00	MB 7-18-00
S-53	40-41	05-Aug-75	521	Je 7-6-00	MB 7-18-00
S-54	40-41	30-Jul-75	509	Je 7-6-00	MB 7-18-00
S-58	42-43	14-Aug-75	508	Je 7-6-00	MB 7-18-00
S-61	44-45	18-Aug-75	496	Je 7-6-00	MB 7-18-00
S-64	45-47	22-Aug-75	540	Je 7-6-00	MB 7-18-00
S-73	48-49	05-Nov-75	375	Je 7-6-00	MB 7-18-00
S-67	49-50	24-Sep-75	500	Je 7-6-00	MB 7-18-00
S-68	50-51	29-Sep-75	521	Je 7-6-00	MB 7-18-00
S-72	53-54	11-Nov-75	512	Je 7-6-00	MB 7-18-00
S-75	55-56	12-Nov-75	844	Je 7-6-00	MB 7-18-00
S-437	77-01,02	27-Jan-77	754	Je 7-6-00	MB 7-18-00
S-438	77-02	28-Jan-77	763	Je 7-6-00	MB 7-27-00
S-441	77-03	02-Feb-77	808	Je 7-6-00	MB 7-27-00
S-442	77-03,04	03-Feb-77	713	Je 7-6-00	MB 7-27-00
S-440	77-05	29-Jan-77	754	Je 7-6-00	MB 7-27-00
S-445	77-06	10-Feb-77	765	Je 7-6-00	MB 7-27-00
S-452	77-06	10-Mar-77	765	Je 7-6-00	MB 7-27-00
S-450	77-06,08	28-Feb-77	589	Je 7-6-00	MB 7-27-00
S-448	77-09	25-Feb-77	735	Je 7-6-00	MB 7-27-00
S-449	77-11	09-Mar-77	710	Je 7-6-00	MB 7-27-00

SIGNATURE SECTION:

Lori I Covey
Print Name

Lori I Covey
Signature

Je
Initials

MICHAEL F. BRICKEY SR.
Print Name

Michael F. Brickey Sr.
Signature

MB
Initials

Print Name

Signature

Initials

QC INSPECTION PLAN FOR VERIFICATION OF STRONTIUM CAPSULE DATA

Outer Capsule ID	Production # (runbook)	Calorimetry Date	Original Wattage (W)	Engineering Verification (initials/date)	QC Verification (initials/date)
S-455	77-12	12-Mar-77	759	Je 7-6-00	MB 7-27-00
S-457	77-13	15-Mar-77	743	Je 7-6-00	MB 7-27-00
S-454	77-13,14	12-Mar-77	737	Je 7-6-00	MB 7-27-00
S-459	77-14	16-Mar-77	767	Je 7-6-00	MB 7-27-00
S-458	77-15	15-Mar-77	1045	Je 7-6-00	MB 7-27-00
S-464	77-16,17 ^{ms} 7-27-00	06 07-Apr-77	715	Je 7-6-00	MB 7-27-00
S-462	77-17,18	25-Mar-77	754	Je 7-6-00	MB 7-27-00
S-461	77-18	23-Mar-77	711	Je 7-6-00	MB 7-27-00
S-467	77-19	14-Apr-77	804	Je 7-6-00	MB 7-27-00
S-465	77-19,20	13-Apr-77	730	Je 7-6-00	MB 7-27-00
S-466	77-20	13-Apr-77	772	Je 7-6-00	MB 7-27-00
S-470	77-21	19-Apr-77	817	Je 7-6-00	MB 7-27-00
S-473	77-21,22 ^{ms} 7-27-00	20 21-Apr-77	815	Je 7-6-00	MB 7-27-00
S-471	77-22	20-Apr-77	880	Je 7-6-00	MB 7-27-00
S-475	77-22,23 ^{ms} 7-27-00	11 11-Apr-77	610	Je 7-6-00	MB 7-27-00
S-474	77-23 ^{ms} 7-27-00	11 11-Apr-77	723	Je 7-6-00	MB 7-27-00
S-488	77-25 ^{ms} 7-27-00	19 24-May-77	615	Je 7-6-00	MB 7-27-00
S-494	77-25	10-Jun-77	743	Je 7-6-00	MB 7-27-00
S-498	77-29	27-Jun-77	702	Je 7-6-00	MB 7-27-00
S-575	79-01R	06-Feb-79	117	Je 7-6-00	MB 7-27-00
S-568	79-01W ^{ms} 7-27-00	06 08-Sep-79	162	Je 7-6-00	MB 7-27-00
S-569	79-02R	08-Feb-79	279	Je 7-6-00	MB 7-27-00
S-570	79-02R	14-Feb-78	148	Je 7-6-00	MB 7-27-00

SIGNATURE SECTION:

Lori I Covey
Print Name

Lori I Covey
Signature

Je
Initials

MICHAEL F. BRICKEY SR
Print Name

Michael F. Brickey SR
Signature

MB
Initials

MICHAEL A. HILL
Print Name

M.A. Hill
Signature

MAH
Initials

QC INSPECTION PLAN FOR VERIFICATION OF STRONTIUM CAPSULE DATA

Outer Capsule ID	Production # (runbook)	Calorimetry Date	Original Wattage (W)	Engineering Verification (initials/date)	QC Verification (initials/date)
S-576	79-02R	06-Feb-79	148	Je 7-6-00	MB 7-27-00
S-578	79-02R	14-Feb-79	267	Je 7-6-00	MB 7-27-00
S-573	79-03R	15-Feb-79	108	Je 7-6-00	MB 7-27-00
S-574	79-03R	16-Feb-79	131	Je 7-6-00	MB 7-27-00
S-580	79-03R	10-Feb-80	103	Je 7-6-00	MB 7-27-00
S-554	79-04R	26-Feb-79	323	Je 7-6-00	MB 7-27-00
S-579	79-04R	26-Feb-79	167	Je 7-6-00	MB 7-27-00
S-571	79-05R	28-Feb-79	398	Je 7-6-00	MB 7-27-00
S-582	79-05R	28-Feb-79	460	Je 7-6-00	MB 7-27-00
S-551	80-01	30-Dec-80	685	Je 7-6-00	MB 7-27-00
S-501	80-01R	07-Apr-80	334	Je 7-6-00	MB 7-27-00
S-558	80-01R	11-Apr-80	220	Je 7-6-00	MB 7-27-00
S-559	80-01R	07-Apr-80	171	Je 7-6-00	MB 7-27-00
S-560	80-01R ^{MB 7-27-00}	0524-Apr-80 ^{MB 7-27-00}	380 381	Je 7-6-00	MB 7-27-00
S-567	80-01R ^{MB 7-27-00}	0528-Apr-80	300	Je 7-6-00	MB 7-27-00
S-544	80-02	29-Dec-80	658	Je 7-6-00	MB 7-27-00
S-545	80-02	29-Dec-80	734 735 ^{MB 7-27-00}	Je 7-6-00	MB 7-27-00
S-553	80-02R	07-May-80	347	Je 7-6-00	MB 7-27-00
S-543	80-03	30-Dec-80	652	Je 7-6-00	MB 7-27-00
S-546	81-01	28-Jan-81	641 642 ^{MB 7-27-00}	Je 7-6-00	MB 7-27-00
S-577	81-01	28-Jan-81	729	Je 7-6-00	MB 7-27-00
S-524	81-01R	^{MB 7-27-00} 13-Aug-81 ^{PCT}	391	Je 7-6-00	MB 7-27-00
S-491	81-01W	25-Feb-81	451	Je 7-6-00	MB 7-27-00

SIGNATURE SECTION:

Lori I Covey
Print Name

Lori I Covey
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Je
Initials

MICHAEL F. BRICKEY SR.
Print Name

Michael F. Brickey Sr.
Signature

MB
Initials

Print Name

Signature

Initials

QC INSPECTION PLAN FOR VERIFICATION OF STRONTIUM CAPSULE DATA

Outer Capsule ID	Production # (runbook)	Calorimetry Date	Original Wattage (W)	Engineering Verification (initials/date)	QC Verification (initials/date)
S-492	81-01W	25-Feb-81	269	JL 7-6-00	WB 7-27-00
S-507	81-02	28-Jan-81	558	JL 7-6-00	WB 7-27-00
S-515	81-02W	23-Mar-81	402	JL 7-6-00	WB 7-27-00
S-508	81-03	09-Feb-81	646 656	JL 7-6-00	WB 7-27-00
S-509	81-03	09-Feb-81	656 646	JL 7-6-00	WB 7-27-00
S-516	81-03W	31-Mar-81	369	JL 7-6-00	WB 7-27-00
S-562	81-03W	30-Mar-81	215	JL 7-6-00	WB 7-27-00
S-547	81-04	11-Feb-81	359	JL 7-6-00	WB 7-27-00
S-493	81-04W	11-Sep-81	230	JL 7-6-00	WB 7-27-00
S-490	81-05	25-Feb-81	576	JL 7-6-00	WB 7-27-00
S-537	81-05W	09-Oct-81	126	JL 7-6-00	WB 7-27-00
S-565	81-05W	20-Oct-81	103	JL 7-6-00	WB 7-27-00
S-489	81-06	25-Apr-81	708	JL 7-6-00	WB 7-27-00
S-522	81-07	30-Apr-81	573	JL 7-6-00	WB 7-27-00
S-520	81-08	^{WB 7-27-00} 15 14-May-81	751	JL 7-6-00	WB 7-27-00
S-521	81-08	^{WB 7-27-00} 15 14-May-81	655	JL 7-6-00	WB 7-27-00
S-533	81-09	17-Jun-81	770	JL 7-6-00	WB 7-27-00
S-534	81-10	23-Jun-81	635	JL 7-6-00	WB 7-27-00
S-535	81-10	22-Jun-81	586	JL 7-6-00	WB 7-27-00
S-536	81-11	12-Jun-81	669	JL 7-6-00	WB 7-27-00
S-497	81-12	22-Jun-81	704	JL 7-6-00	WB 7-27-00
S-517	81-13	14-Sep-81	448	JL 7-6-00	WB 7-27-00
S-502	81-14	01-Sep-81	341	JL 7-6-00	WB 7-27-00

SIGNATURE SECTION:

Lori I. Covey
Print Name

Lori I. Covey
Signature

JL
Initials

MICHAEL F. BRICKEY SR.
Print Name

Michael F. Brickey SR.
Signature

WB
Initials

Print Name

Signature

Initials

QC INSPECTION PLAN FOR VERIFICATION OF STRONTIUM CAPSULE DATA

Outer Capsule ID	Production # (runbook)	Calorimetry Date	Original Wattage (W)	Engineering Verification (initials/date)	QC Verification (initials/date)
S-503	81-14	01-Sep-81	328	Je 7-6-81	MB 7-27-80
S-505	81-14	02-Sep-81	341	Je 7-6-81	MB 7-27-80
S-506	81-15	01-Sep-81	387	Je 7-6-81	MB 7-27-80
S-504	81-16	02-Sep-81	289	Je 7-6-81	MB 7-27-80
S-518	81-17	11-Sep-81	422	Je 7-6-81	MB 7-27-80
S-519	81-17	14-Sep-81	307	Je 7-6-81	MB 7-27-80
S-564	81-18	09-Oct-81	393	Je 7-6-81	MB 7-27-80
S-584	81-19	30-Nov-81	401	Je 7-6-81	MB 7-27-80
S-583	81-20	02-Dec-81	349	Je 7-6-81	MB 7-27-80
S-612	81-21	28-Jan-82	369	Je 7-6-82	MB 7-27-80
S-613	81-21	28-Jan-82	373	Je 7-6-82	MB 7-27-80
S-589	82-01	18-Aug-82	242	Je 7-6-82	MB 7-27-80
S-615	82-01W	28-Jan-82	133	Je 7-6-82	MB 7-27-80
S-590	82-02	03-Sep-82	356	Je 7-6-82	MB 7-27-80
S-591	82-02 ^{MB 7-27-80}	03 02-Sep-82	335	Je 7-6-82	MB 7-27-80
S-616	82-02W	02-Feb-82	132	Je 7-6-82	MB 7-27-80
S-617	82-02W	01-Feb-82	79	Je 7-6-82	MB 7-27-80
S-595	82-03	04-Sep-82	455	Je 7-6-82	MB 7-27-80
S-586	82-03W	11-Aug-82	223	Je 7-6-82	MB 7-27-80
S-593	82-03W	04-Sep-82	140	Je 7-6-82	MB 7-27-80
S-596	82-04	03-Sep-82	441	Je 7-6-82	MB 7-27-80
S-587	82-04W	07-Sep-82	187	Je 7-6-82	MB 7-27-80
S-588	82-04W	16-Aug-82	193	Je 7-6-82	MB 7-27-80

SIGNATURE SECTION:

Lori J. Covey
Print Name

Lori J. Covey
Signature

Je
Initials

MICHAEL F. BRICKEY SR.
Print Name

Michael F. Brickey Sr.
Signature

MB
Initials

Print Name

Signature

Initials

QC INSPECTION PLAN FOR VERIFICATION OF STRONTIUM CAPSULE DATA

Outer Capsule ID	Production # (runbook)	Calorimetry Date	Original Wattage (W)	Engineering Verification (initials/date)	QC Verification (initials/date)
S-602	82-05	07-Sep-82	428	JL 7-6-00	MSB 7-27-00
S-679	82-05W ^{MSB 7-27-00}	29 ³⁰ Dec-82	238	JL 7-6-00	MSB 7-27-00
S-600	82-06	10-Sep-82	470	JL 7-6-00	MSB 7-27-00
S-601	82-06	09-Sep-82	459	JL 7-6-00	MSB 7-27-00
S-673	82-06W	05-Jan-83	127	JL 7-6-00	MSB 7-27-00
S-697	82-06W ^{MSB 7-27-00}	03 ⁰⁴ Jan-83	141	JL 7-6-00	MSB 7-27-00
S-594	82-07	04-Sep-82	478	JL 7-6-00	MSB 7-27-00
S-676	82-07W ^{MSB 7-27-00}	03 ⁰⁴ Jan-83 ⁸³	111	JL 7-6-00	MSB 7-27-00
S-692	82-07W	05-Jan-83	75	JL 7-6-00	MSB 7-27-00
S-695	82-07W	05-Jan-83	252	JL 7-6-00	MSB 7-27-00
S-598	82-08	04-Sep-82	375	JL 7-6-00	MSB 7-27-00
S-599	82-08	04-Sep-82	384	JL 7-6-00	MSB 7-27-00
S-674	82-08W	16-Feb-83	128	JL 7-6-00	MSB 7-27-00
S-686	82-08W	03-Jan-83	145	JL 7-6-00	MSB 7-27-00
S-689	82-08W	16-Feb-83	82	JL 7-6-00	MSB 7-27-00
S-592	82-09	10-Sep-82	463	JL 7-6-00	MSB 7-27-00
S-682	82-09W	05 ⁰³ Jan-83 ⁸³	105	JL 7-6-00	MSB 7-27-00
S-688	82-09W ^{MSB 7-27-00}	03 ⁰⁴ Jan-83 ⁸³	64	JL 7-6-00	MSB 7-27-00
S-691	82-09W	03 ⁰³ Jan-83 ⁸³	88	JL 7-6-00	MSB 7-27-00
S-605	82-10	13-Sep-82	424	JL 7-6-00	MSB 7-27-00
S-624	82-10	24-Sep-82	421	JL 7-6-00	MSB 7-27-00
S-672	82-10W	03 ⁰³ Jan-83 ⁸³	156	JL 7-6-00	MSB 7-27-00
S-680	82-10W	03 ⁰³ Jan-83 ⁸³	109	JL 7-6-00	MSB 7-27-00

SIGNATURE SECTION:

Loc. I Covey
Print Name

Loc I Covey
Signature

JL
Initials

MICHAEL F. BRICKEY SR.
Print Name

Michael F. Brickey SR.
Signature

MSB
Initials

MICHAEL A. HILL
Print Name

M.A. Hill
Signature

MAH
Initials

QC INSPECTION PLAN FOR VERIFICATION OF STRONTIUM CAPSULE DATA

Outer Capsule ID	Production # (runbook)	Calorimetry Date	Original Wattage (W)	Engineering Verification (initials/date)	QC Verification (initials/date)
S-604	82-11	14-Sep-82	384	Je 7-6-00	MB 7-27-00
S-607	82-11	14-Sep-82	373	Je 7-6-00	MB 7-27-00
S-609	82-12	14-Sep-82	397	Je 7-6-00	MB 7-27-00
S-619	82-12	27-Sep-82	412	Je 7-6-00	MB 7-27-00
S-603	82-13	24-Sep-82	371	Je 7-6-00	MB 7-27-00
S-621	82-13	24-Sep-82	397	Je 7-6-00	MB 7-27-00
S-620	82-14	24-Sep-82	388	Je 7-6-00	MB 7-27-00
S-610	82-15	24-Sep-82	390	Je 7-6-00	MB 7-27-00
S-611	82-16	27-Sep-82	426	Je 7-6-00	MB 7-27-00
S-628	82-16	29-Sep-82	393	Je 7-6-00	MB 7-27-00
S-623	82-17	27-Sep-82	396	Je 7-6-00	MB 7-27-00
S-626	82-18	27-Sep-82	390	Je 7-6-00	MB 7-27-00
S-627	82-18	28-Sep-82	251	Je 7-6-00	MB 7-27-00
S-631	82-19	14-Oct-82	391	Je 7-6-00	MB 7-27-00
S-511	82-20	20-Oct-82	445	Je 7-6-00	MB 7-27-00
S-630	82-21	18-Oct-82	482	Je 7-6-00	MB 7-27-00
S-644	82-22	04-Nov-82	415	Je 7-6-00	MB 7-27-00
S-649	82-22	04-Nov-82	331	Je 7-6-00	MB 7-27-00
S-645	82-23	04-Nov-82	325	Je 7-6-00	MB 7-27-00
S-654	82-24	09-Nov-82	395	Je 7-6-00	MB 7-27-00
S-653	82-25	10-Nov-82	393	Je 7-6-00	MB 7-27-00
S-651	82-26	10-Nov-82	301	Je 7-6-00	MB 7-27-00
S-652	82-26	10-Nov-82	440	Je 7-6-00	MB 7-27-00

SIGNATURE SECTION:

Lori I Covey
Print Name

Lori I Covey
Signature

Je
Initials

MICHAEL F BRICKEY SR
Print Name

Michael F Brickey Sr
Signature

MB
Initials

Print Name

Signature

Initials

QC INSPECTION PLAN FOR VERIFICATION OF STRONTIUM CAPSULE DATA

Outer Capsule ID	Production # (runbook)	Calorimetry Date	Original Wattage (W)	Engineering Verification (initials/date)	QC Verification (initials/date)
S-648	82-27	15-Nov-82	370	Je 7-6-00	WB 7-27-00
S-646	82-28	15-Nov-82	324	Je 7-6-00	WB 7-27-00
S-647	82-28	16-Nov-82	387	Je 7-6-00	WB 7-27-00
S-657	82-29	15-Nov-82	368	Je 7-6-00	WB 7-27-00
S-636	82-30	17-Nov-82	362	Je 7-6-00	WB 7-27-00
S-637	82-30	17-Nov-82	339	Je 7-6-00	WB 7-27-00
S-634	82-32	22-Nov-82	297	Je 7-6-00	WB 7-27-00
S-635	82-32	22-Nov-82	353	Je 7-6-00	WB 7-27-00
S-655	82-33 ^{WB 7-27-00}	22-23 Nov-82	296	Je 7-6-00	WB 7-27-00
S-656	82-33	14-Dec-82	376	Je 7-6-00	WB 7-27-00
S-659	82-34	02-Dec-82	396	Je 7-6-00	WB 7-27-00
S-658	82-35	30-Nov-82	397	Je 7-6-00	WB 7-27-00
S-696	82-35	^{WB 7-27-00} 17 ^{FEB.} Dec-83	462	Je 7-6-00	WB 7-27-00
S-650	82-36	02-Dec-82	365	Je 7-6-00	WB 7-27-00
S-662	82-36	03-Dec-82	363	Je 7-6-00	WB 7-27-00
S-663	82-37	01-Dec-82	417	Je 7-6-00	WB 7-27-00
S-671	82-37	01-Dec-82	415	Je 7-6-00	WB 7-27-00
S-681	82-38	03-Dec-82	281	Je 7-6-00	WB 7-27-00
S-661	82-39	06-Dec-82	344	Je 7-6-00	WB 7-27-00
S-664	82-40	07-Dec-82	345	Je 7-6-00	WB 7-27-00
S-667	82-40	07-Dec-82	440	Je 7-6-00	WB 7-27-00
S-633	82-41 ^{WB 7-27-00}	⁰⁷ 06-Dec-82	291	Je 7-6-00	WB 7-27-00
S-669	82-41 ^{WB 7-27-00}	⁰⁷ 08-Dec-82	302	Je 7-6-00	WB 7-27-00

SIGNATURE SECTION:

Lon J. Conroy
Print Name

Je J Conroy
Signature

Je
Initials

MICHAEL F. BRISKEY SR.
Print Name *BRISKEY SR*

Michael F. Briskey Sr.
Signature

WB
Initials

Print Name

Signature

Initials

QC INSPECTION PLAN FOR VERIFICATION OF STRONTIUM CAPSULE DATA

Outer Capsule ID	Production # (runbook)	Calorimetry Date	Original Wattage (W)	Engineering Verification (initials/date)	QC Verification (initials/date)
S-690	82-42	10-Dec-82	216	Je 7-6-00	MB 7-27-00
S-665	82-43	10-Dec-82	241	Je 7-6-00	MB 7-27-00
S-632	82-44	15-Dec-82	346	Je 7-6-00	MB 7-27-00
S-668	82-44	15-Dec-82	385	Je 7-6-00	MB 7-27-00
S-677	82-45	15-Dec-82	313	Je 7-6-00	MB 7-27-00
S-678	82-46 ^{MB 7-27-00}	16 15-Dec-82	290 291 ^{MB 7-27-00}	Je 7-6-00	MB 7-27-00
S-683	82-47	28-Dec-82	460	Je 7-6-00	MB 7-27-00
S-684	82-47	28-Dec-82	438	Je 7-6-00	MB 7-27-00
S-754	83-01	23-Mar-83	349	Je 7-6-00	MB 7-31-00
S-721	83-01R	03-Oct-83	279	Je 7-6-00	MB 7-31-00
S-791	83-01R	30-Sep-83	204	Je 7-6-00	MB 7-31-00
S-512	83-01W	16-Feb-83	128	Je 7-6-00	MB 7-31-00
S-514	83-01W	16-Feb-83	71	Je 7-6-00	MB 7-31-00
S-700	83-02W	16-Feb-83	82	Je 7-6-00	MB 7-31-00
S-756	83-02W	18-Feb-83	98	Je 7-6-00	MB 7-31-00
S-704	83-03 ^{MB 7-31-00}	24 25-Mar-83	352	Je 7-6-00	MB 7-31-00
S-701	83-03W	17-Feb-83	209	Je 7-6-00	MB 7-31-00
S-741	83-03W	17-Feb-83	323	Je 7-6-00	MB 7-31-00
S-745	83-03W	17-Feb-83	205	Je 7-6-00	MB 7-31-00
S-761	83-03W	18-Feb-83	169	Je 7-6-00	MB 7-31-00
S-762	83-03W	18-Feb-83	242 243 ^{MB 7-31-00}	Je 7-6-00	MB 7-31-00
S-703	83-04	24-Mar-83	397	Je 7-6-00	MB 7-31-00
S-753	83-04W	18-Feb-83	139	Je 7-6-00	MB 7-31-00

SIGNATURE SECTION:

Lori I Covey
Print Name

Lori I Covey
Signature

Je
Initials

MICHAEL F. BRILKEY SR
Print Name

Michael F. Brilkey SR
Signature

MB
Initials

Print Name

Signature

Initials

QC INSPECTION PLAN FOR VERIFICATION OF STRONTIUM CAPSULE DATA

Outer Capsule ID	Production # (runbook)	Calorimetry Date	Original Wattage (W)	Engineering Verification (initials/date)	QC Verification (initials/date)
S-698	83-05	29-Mar-83	346	Je 7-6-00	MSB 7-31-00
S-749	83-05	25-Mar-83	313	Je 7-6-00	MSB 7-31-00
S-760	83-05W	17-Feb-83	219	Je 7-6-00	MSB 7-31-00
S-707	83-06	29-Mar-83	334	Je 7-6-00	MSB 7-31-00
S-702	83-06W	10-Mar-83	143	Je 7-6-00	MSB 7-31-00
S-732	83-06W	09-Mar-83	68	Je 7-6-00	MSB 7-31-00
S-722	83-07	30-Mar-83	328	Je 7-6-00	MSB 7-31-00
S-723	83-07	30-Mar-83	363	Je 7-6-00	MSB 7-31-00
S-699	83-07W	10-Mar-83	94	Je 7-6-00	MSB 7-31-00
S-705	83-07W	10-Mar-83	132	Je 7-6-00	MSB 7-31-00
S-708	83-07W	23-Mar-83	225	Je 7-6-00	MSB 7-31-00
S-727	83-07W	10-Mar-83	123	Je 7-6-00	MSB 7-31-00
S-735	83-07W	09-Mar-83	117	Je 7-6-00	MSB 7-31-00
S-720	83-08	01-Apr-83	238	Je 7-6-00	MSB 7-31-00
S-731	83-08	01-Apr-83	274	Je 7-6-00	MSB 7-31-00
S-738	83-08W	12-May-83	254	Je 7-6-00	MSB 7-31-00
S-739	83-08W	16-May-83	230	Je 7-6-00	MSB 7-31-00
S-742	83-08W	12-May-83	193	Je 7-6-00	MSB 7-31-00
S-746	83-09	15-Apr-83	318	Je 7-6-00	MSB 7-31-00
S-717	83-09W	18-Jul-83	177	Je 7-6-00	MSB 7-31-00
S-799	83-09W	19-Jul-83	215	Je 7-6-00	MSB 7-31-00
S-800	83-09W	04-Aug-83	198	Je 7-6-00	MSB 7-31-00
S-726	83-10	20-Apr-83	354	Je 7-6-00	MSB 7-31-00

SIGNATURE SECTION:

Lori I Covey
Print Name

Lori I Covey
Signature

Je
Initials

MICHAEL F. BRICKEY SR.
Print Name

Michael F. Brickey Sr.
Signature

MSB
Initials

Print Name

Signature

Initials

QC INSPECTION PLAN FOR VERIFICATION OF STRONTIUM CAPSULE DATA

Outer Capsule ID	Production # (runbook)	Calorimetry Date	Original Wattage (W)	Engineering Verification (initials/date)	QC Verification (initials/date)
S-728	83-10	19-Apr-83	345	Je 7-6-00	MB 7-31-00
S-806	83-10W	21-Jul-83	245	Je 7-6-00	MB 7-31-00
S-811	83-10W	21-Jul-83	153	Je 7-6-00	MB 7-31-00
S-812	83-10W	04-Aug-83	178	Je 7-6-00	MB 7-31-00
S-729	83-11	20-Apr-83	366	Je 7-6-00	MB 7-31-00
S-734	83-11	20-Apr-83	381	Je 7-6-00	MB 7-31-00
S-765	83-11W	22-Jul-83	114	Je 7-6-00	MB 7-31-00
S-772	83-11W	08-Aug-83	172	Je 7-6-00	MB 7-31-00
S-805	83-11W	21-Jul-83	175	Je 7-6-00	MB 7-31-00
S-807	83-11W	21-Jul-83	194	Je 7-6-00	MB 7-31-00
S-813	83-11W	04-Aug-83	291	Je 7-6-00	MB 7-31-00
S-706	83-12	11-May-83	260	Je 7-6-00	MB 7-31-00
S-730	83-12	12-May-83	242	Je 7-6-00	MB 7-31-00
S-763	83-12W	23-Aug-83	81	Je 7-6-00	MB 7-31-00
S-771	83-12W	19-Sep-83	90	Je 7-6-00	MB 7-31-00
S-773	83-12W	24-Aug-83	79	Je 7-6-00	MB 7-31-00
S-709	83-13 ^{MB} 7-31-00	1316-May-83	364	Je 7-6-00	MB 7-31-00
S-712	83-13W	09-Sep-83	66	Je 7-6-00	MB 7-31-00
S-766	83-13W ^{MB} 7-31-00	0918-Sep-83	81	Je 7-6-00	MB 7-31-00
S-719	83-14	16-May-83	416	Je 7-6-00	MB 7-31-00
S-733	83-14	11-May-83	295	Je 7-6-00	MB 7-31-00
S-755	83-15	27-May-83	425	Je 7-6-00	MB 7-31-00
S-713	83-15W	31-Oct-83	148	Je 7-6-00	MB 7-31-00

SIGNATURE SECTION:

Luci E Casey
Print Name

Jeri S Casey
Signature

Je
Initials

MICHAEL F. BRICKEY SR.
Print Name

Michael F. Brickey
Signature

MB
Initials

Print Name

Signature

Initials

QC INSPECTION PLAN FOR VERIFICATION OF STRONTIUM CAPSULE DATA

Outer Capsule ID	Production # (runbook)	Calorimetry Date	Original Wattage (W)	Engineering Verification (initials/date)	QC Verification (initials/date)
S-752	83-15W ^{wa} 7-31-83	28 27-Oct-83	221	Je 7-6-00	WB 7-31-00
S-795	83-15W	02-Nov-83	109	Je 7-6-00	WB 7-31-00
S-804	83-15W	01-Nov-83	115	Je 7-6-00	WB 7-31-00
S-736	83-16	17-May-83	275	Je 7-6-00	WB 7-31-00
S-737	83-16	19-May-83	372	Je 7-6-00	WB 7-31-00
S-714	83-16W	31-Oct-83	98	Je 7-6-00	WB 7-31-00
S-789	83-16W	31-Oct-83	69	Je 7-6-00	WB 7-31-00
S-802	83-16W	31-Oct-83	84	Je 7-6-00	WB 7-31-00
S-803	83-16W	01-Nov-83	79	Je 7-6-00	WB 7-31-00
S-810	83-16W	01-Nov-83	100	Je 7-6-00	WB 7-31-00
S-829	83-16W	02-Dec-83	110	Je 7-6-00	WB 7-31-00
S-757	83-17	27-May-83	297	Je 7-6-00	WB 7-31-00
S-817	83-17W	09-Nov-83	137	Je 7-6-00	WB 7-31-00
S-818	83-17W	09-Nov-83	162	Je 7-6-00	WB 7-31-00
S-821	83-17W	10-Nov-83	156	Je 7-6-00	WB 7-31-00
S-830	83-17W	07-Dec-83	192	Je 7-6-00	WB 7-31-00
S-675	83-18	27-May-83	388	Je 7-6-00	WB 7-31-00
S-824	83-18W	21-Nov-83	106	Je 7-6-00	WB 7-31-00
S-827	83-18W	21-Nov-83	75	Je 7-6-00	WB 7-31-00
S-828	83-18W	29-Nov-83	88	Je 7-6-00	WB 7-31-00
S-710	83-19	31-May-83	295	Je 7-6-00	WB 7-31-00
S-825	83-19W	21-Nov-83	104	Je 7-6-00	WB 7-31-00
S-826	83-19W	21-Nov-83	96	Je 7-6-00	WB 7-31-00

SIGNATURE SECTION:

Lori I Covey
Print Name

Lori I Covey
Signature

Je
Initials

MICHAEL F. BRICKEY SR
Print Name

Michael F. Brickey Sr
Signature

WB
Initials

Print Name

Signature

Initials

QC INSPECTION PLAN FOR VERIFICATION OF STRONTIUM CAPSULE DATA

Outer Capsule ID	Production # (runbook)	Calorimetry Date	Original Wattage (W)	Engineering Verification (initials/date)	QC Verification (initials/date)
S-740	83-20	06-Jun-83	299	Je 7-6-00	MB 7-31-00
S-743	83-20	21-Jun-83	303	Je 7-6-00	MB 7-31-00
S-779	83-21	18-Jul-83	314	Je 7-6-00	MB 7-31-00
S-715	83-22	20-Jul-83	321	Je 7-6-00	MB 7-31-00
S-716	83-23	20-Jul-83	304	Je 7-6-00	MB 7-31-00
S-778	83-24	20-Jul-83	343	Je 7-6-00	MB 7-31-00
S-794	83-25	22-Jul-84 ⁸³⁻²⁵⁻⁰⁰	347	Je 7-6-00	MB 7-31-00
S-769	83-26	18-Jul-83	342	Je 7-6-00	MB 7-31-00
S-777	83-27	05-Aug-83	329 ^{330 MB 7-31-00}	Je 7-6-00	MB 7-31-00
S-801	83-27	19-Jul-83	206	Je 7-6-00	MB 7-31-00
S-685	83-28	21-Jul-83	306	Je 7-6-00	MB 7-31-00
S-815	83-29	22-Jul-83	394	Je 7-6-00	MB 7-31-00
S-764	83-30	26-Jul-83	346	Je 7-6-00	MB 7-31-00
S-816	83-30	22-Jul-83	413	Je 7-6-00	MB 7-31-00
S-718	83-31	08-Aug-83	335	Je 7-6-00	MB 7-31-00
S-770	83-31	05-Aug-83	330	Je 7-6-00	MB 7-31-00
S-786	83-32	10-Aug-83	322	Je 7-6-00	MB 7-31-00
S-694	83-33	26-Aug-83	318	Je 7-6-00	MB 7-31-00
S-759	83-33	23-Aug-83	299	Je 7-6-00	MB 7-31-00
S-784	83-34	17-Aug-83	317	Je 7-6-00	MB 7-31-00
S-776	83-35	06-Sep-83	327	Je 7-6-00	MB 7-31-00
S-781	83-37	20-Sep-83	339	Je 7-6-00	MB 7-31-00
S-783	83-38	26-Aug-83	410	Je 7-6-00	MB 7-31-00

SIGNATURE SECTION:

Lori I Covey
Print Name

Lori I Covey
Signature

Je
Initials

MICHAEL F. BRICKEY SR
Print Name

Michael F. Brickey SR
Signature

MB
Initials

MICHAEL A. HILL
Print Name

M.A. Hill
Signature

MAH
Initials

QC INSPECTION PLAN FOR VERIFICATION OF STRONTIUM CAPSULE DATA

Outer Capsule ID	Production # (runbook)	Calorimetry Date	Original Wattage (W)	Engineering Verification (initials/date)	QC Verification (initials/date)
S-774	83-39	06-Sep-83	310	Je 7-6-w	MB 7-31-00
S-787	83-39	01-Sep-83	222	Je 7-6-w	MB 7-31-00
S-751	83-42	26-Sep-83	303	Je 7-6-w	MB 7-31-00
S-790	83-43	03-Oct-83	216	Je 7-6-w	MB 7-31-00
S-687	83-44	04-Oct-83	317	Je 7-6-w	MB 7-31-00
S-792	83-45	07-Oct-83	229	Je 7-6-w	MB 7-31-00
S-798	83-45	07-Oct-83	283	Je 7-6-w	MB 7-31-00
S-744	83-46	02-Nov-83	274	Je 7-6-w	MB 7-31-00
S-768	83-46	02-Nov-83	255	Je 7-6-w	MB 7-31-00
S-747	83-47	03-Nov-83	186	Je 7-6-w	MB 7-31-00
S-809	83-47	03-Nov-83	232	Je 7-6-w	MB 7-31-00
S-666	83-48 ^{MB 7-31-00}	07 04 Nov-83	277	Je 7-6-w	MB 7-31-00
S-641	83-49	07-Nov-83	283	Je 7-6-w	MB 7-31-00
S-640	83-50	07-Nov-83	253	Je 7-6-w	MB 7-31-00
S-823	83-50	09-Nov-83	270	Je 7-6-w	MB 7-31-00
S-841	84-01	30-Jan-84	262	Je 7-6-w	MB 7-31-00
S-837	84-01W	30-Jan-84	86	Je 7-6-w	MB 7-31-00
S-839	84-01W	30-Jan-84	109	Je 7-6-w	MB 7-31-00
S-834	84-02	30-Jan-84	257	Je 7-6-w	MB 7-31-00
S-840	84-02	30-Jan-84	300	Je 7-6-w	MB 7-31-00
S-836	84-03	31-Jan-84	269	Je 7-6-w	MB 7-31-00
S-848	84-03	30-Jan-84	269	Je 7-6-w	MB 7-31-00
S-843	84-03W	31-Mar-84	113	Je 7-6-w	MB 7-31-00

SIGNATURE SECTION:

Lori I Covey
Print Name

Lori I Covey
Signature

Je
Initials

MICHAEL F. BRICKEY SR
Print Name

Michael F. Brickey Sr.
Signature

MB
Initials

Print Name

Signature

Initials

QC INSPECTION PLAN FOR VERIFICATION OF STRONTIUM CAPSULE DATA

Outer Capsule ID	Production # (runbook)	Calorimetry Date	Original Wattage (W)	Engineering Verification (initials/date)	QC Verification (initials/date)
S-844	84-03W	31-Mar-84	216	Je 7-6-00	WB 7-31-00
S-850	84-03W	12-Apr-84	163	Je 7-6-00	WB 7-31-00
S-853	84-03W	31-Mar-84	127	Je 7-6-00	WB 7-31-00
S-854	84-03W	31-Mar-84	140	Je 7-6-00	WB 7-31-00
S-835	84-04	31-Jan-84	286	Je 7-6-00	WB 7-31-00
S-849	84-04	30-Jan-84	276	Je 7-6-00	WB 7-31-00
S-855	84-04W	05-Apr-84	159	Je 7-6-00	WB 7-31-00
S-856	84-04W	05-Apr-84	128	Je 7-6-00	WB 7-31-00
S-852	84-05W	09-Apr-84	70	Je 7-6-00	WB 7-31-00
S-870	84-05W	09-Apr-84	213	Je 7-6-00	WB 7-31-00
S-871	84-05W	16-Apr-84	102	Je 7-6-00	WB 7-31-00
S-842	84-06	31-Mar-84	246	Je 7-6-00	WB 7-31-00
S-831	84-06W	27-Apr-84	73	Je 7-6-00	WB 7-31-00
S-875	84-06W	26-Apr-84	135	Je 7-6-00	WB 7-31-00
S-838	84-07	30-Mar-84	363	Je 7-6-00	WB 7-31-00
S-851	84-07	12-Apr-84	255	Je 7-6-00	WB 7-31-00
S-866	84-07W	26-Apr-84	173	Je 7-6-00	WB 7-31-00
S-874	84-07W	26-Apr-84	211	Je 7-6-00	WB 7-31-00
S-845	84-08	31-Mar-84	341	Je 7-6-00	WB 7-31-00
S-896A	84-08W	08-May-84	168	Je 7-6-00	WB 7-31-00
S-867	84-09	31-Mar-84	241	Je 7-6-00	WB 7-31-00
S-868	84-09	31-Mar-84	440	Je 7-6-00	WB 7-31-00
S-906	84-09W	18-May-84	WB 7-31-00 171 170	Je 7-6-00	WB 7-31-00

SIGNATURE SECTION:

Lori J Covey
Print Name

MICHAEL F. BRICKEY SR.
Print Name

Print Name

Lori J Covey
Signature

Michael F. Brickey
Signature

Signature

Je
Initials

WB
Initials

Initials

QC INSPECTION PLAN FOR VERIFICATION OF STRONTIUM CAPSULE DATA

Outer Capsule ID	Production # (runbook)	Calorimetry Date	Original Wattage (W)	Engineering Verification (initials/date)	QC Verification (initials/date)
S-911	84-09W	18-May-84	89	Je 7-6-00	WB 7-31-00
S-860	84-10	13-Apr-84	285	Je 7-6-00	WB 7-31-00
S-862	84-10 ^{WB 7-31-00}	0305-Apr-84	246	Je 7-6-00	WB 7-31-00
S-910	84-10W	✓ 06-Jun-84	^{WB 7-31-00} 335 224	Je 7-6-00	WB 7-31-00
S-918	84-10W	06-Jun-84	140	Je 7-6-00	WB 7-31-00
S-861	84-11	05-Apr-84	278	Je 7-6-00	WB 8-10-2000
S-884	84-11W	06-Jun-84	111	Je 7-6-00	WB 7-31-00
S-891	84-11W	11-Jun-84	158	Je 7-6-00	WB 7-31-00
S-892	84-11W	11-Jun-84	78	Je 7-6-00	WB 7-31-00
S-857	84-12	16-Apr-84	282	Je 7-6-00	WB 7-31-00
S-886	84-12W	11-Jun-84	97	Je 7-6-00	WB 7-31-00
S-916	84-12W	06-Jun-84	148	Je 7-6-00	WB 7-31-00
S-858	84-13	16-Apr-84	211	Je 7-6-00	WB 7-31-00
S-873	84-13	19-Apr-84	306	Je 7-6-00	WB 7-31-00
S-885	84-13W	11-Jun-84	166	Je 7-6-00	WB 7-31-00
S-872	84-14	18-Apr-84	187	Je 7-6-00	WB 7-31-00
S-888	84-14W	20-Aug-84	227	Je 7-6-00	WB 7-31-00
S-889	84-14W	22-Jun-84	^{WB 7-31-00} 151 150	Je 7-6-00	WB 7-31-00
S-890	84-14W	21-Aug-84	141	Je 7-6-00	WB 7-31-00
S-893A	84-14W	22-Jun-84	186	Je 7-6-00	WB 7-31-00
S-832	84-15	25-Apr-84	213	Je 7-6-00	WB 7-31-00
S-864	84-15	19-Apr-84	312	Je 7-6-00	WB 7-31-00
S-925	84-15W	09-Jul-84	171	Je 7-6-00	WB 7-31-00

SIGNATURE SECTION:

Lori E Covey
Print Name

Lori E Covey
Signature

Je
Initials

MICHAEL F. BRICKEY SR
Print Name

Michael F. Brickey
Signature

WB
Initials

M.A. Hill (Michael)
Print Name

M.A. Hill
Signature

WB
Initials

QC INSPECTION PLAN FOR VERIFICATION OF STRONTIUM CAPSULE DATA

Outer Capsule ID	Production # (runbook)	Calorimetry Date	Original Wattage (W)	Engineering Verification (initials/date)	QC Verification (initials/date)
S-928	84-15W	17-Jul-84	164	Je 7-6-84	WBS 7-31-84
S-929	84-15W	16-Jul-84	164	Je 7-6-84	WBS 7-31-84
S-962	84-15W	16-Jul-84	114	Je 7-6-84	WBS 7-31-84
S-863	84-16	27-Apr-84	286	Je 7-6-84	WBS 7-31-84
S-930	84-16W	16-Jul-84	135	Je 7-6-84	WBS 7-31-84
S-898	84-17	09-May-84	332	Je 7-6-84	WBS 7-31-84
S-931	84-17W	16-Jul-84	91	Je 7-6-84	WBS 7-31-84
S-955	84-17W	20-Jul-84	106	Je 7-6-84	WBS 7-31-84
S-956	84-17W	23-Jul-84	76	Je 7-6-84	WBS 7-31-84
S-972	84-17W	23-Jul-84	79	Je 7-6-84	WBS 7-31-84
S-978	84-17W	23-Jul-84	82	Je 7-6-84	WBS 7-31-84
S-897	84-18	09-May-84	337	Je 7-6-84	WBS 7-31-84
S-899	84-18	09-May-84	328	Je 7-6-84	WBS 7-31-84
S-900A	84-18	09-May-84	268	Je 7-6-84	WBS 7-31-84
S-933	84-18W	20-Jul-84	70	Je 7-6-84	WBS 7-31-84
S-934	84-18W	23-Jul-84	50	Je 7-6-84	WBS 7-31-84
S-964	84-18W	20-Jul-84	62	Je 7-6-84	WBS 7-31-84
S-902	84-19	16-May-84	206	Je 7-6-84	WBS 7-31-84
S-905	84-19	14-May-84	266	Je 7-6-84	WBS 7-31-84
S-944	84-19W	07-Aug-84	72	Je 7-6-84	WBS 7-31-84
S-966	84-19W	07-Aug-84	213	Je 7-6-84	WBS 7-31-84
S-970	84-19W	08-Aug-84	124	Je 7-6-84	WBS 7-31-84
S-901	84-20	16-May-84	215	Je 7-6-84	WBS 7-31-84

SIGNATURE SECTION:

Lori I. Covey
Print Name

Lori I. Covey
Signature

Je
Initials

MICHAEL F. BRICKEY SR
Print Name

Michael F. Brickey SR
Signature

WBS
Initials

Print Name

Signature

Initials

QC INSPECTION PLAN FOR VERIFICATION OF STRONTIUM CAPSULE DATA

Outer Capsule ID	Production # (runbook)	Calorimetry Date	Original Wattage (W)	Engineering Verification (initials/date)	QC Verification (initials/date)
S-903	84-20	16-May-84	247	JL 7-6-00	MB 7-31-00
S-936	84-20W	07-Aug-84	243	JL 7-6-00	MB 7-31-00
S-975	84-20W	07-Aug-84	142	JL 7-6-00	MB 7-31-00
S-904	84-21	18-May-84	317	JL 7-6-00	MB 7-31-00
S-952	84-21W	15-Aug-84	252	JL 7-6-00	MB 7-31-00
S-957	84-21W	16-Aug-84	232	JL 7-6-00	MB 7-31-00
S-961	84-21W	20-Aug-84	144	JL 7-6-00	MB 7-31-00
S-908	84-22	04-Jun-84	159	JL 7-6-00	MB 7-31-00
S-909	84-22	04-Jun-84	188	JL 7-6-00	MB 7-31-00
S-878	84-23 ^{MB 7-31-00}	⁰⁶ 08-Jun-84	310	JL 7-6-00	MB 7-31-00
S-1000	84-23W	23-Oct-84	124	JL 7-6-00	MB 7-31-00
S-1001	84-23W	23-Oct-84	113	JL 7-6-00	MB 7-31-00
S-877	84-23W	18-Sep-84	160	JL 7-6-00	MB 7-31-00
S-999	84-23W	23-Oct-84	149	JL 7-6-00	MB 7-31-00
S-921	84-24	05-Jun-84	331	JL 7-6-00	MB 8-8-00
S-924	84-24	05-Jun-84	205	JL 7-6-00	MB 8-8-00
S-937	84-24W	01-Nov-84	76	JL 7-6-00	MB 8-8-00
S-948	84-24W	01-Nov-84	136	JL 7-6-00	MB 8-8-00
S-949	84-24W	01-Nov-84	134	JL 7-6-00	MB 8-8-00
S-922	84-25	05-Jun-84	317	JL 7-6-00	MB 8-8-00
S-923	84-25	06-Jun-84	249	JL 7-6-00	MB 8-8-00
S-988	84-25W	17-Dec-84	566	JL 7-6-00	MB 8-8-00
S-913	84-26	06-Jun-84	322	JL 7-6-00	MB 8-8-00

SIGNATURE SECTION:

Lori I. Casey
Print Name

Lori I. Casey
Signature

JL
Initials

MICHAEL F. BRICKEY SR.
Print Name

Michael F. Brickey Sr.
Signature

MB
Initials

Print Name

Signature

Initials

QC INSPECTION PLAN FOR VERIFICATION OF STRONTIUM CAPSULE DATA

Outer Capsule ID	Production # (runbook)	Calorimetry Date	Original Wattage (W)	Engineering Verification (initials/date)	QC Verification (initials/date)
S-915	84-26	06-Jun-84	259	JL 7-6-00	MB 8-8-00
S-1006	84-26W	19-Dec-84	141 142 MB 8-8-00	JL 7-6-00	MB 8-8-00
S-990	84-26W	18-Dec-84	127 MB 8-8-00	JL 7-6-00	MB 8-8-00
S-917	84-27	08-Jun-84	380	JL 7-6-00	MB 8-8-00
S-919	84-27	07-Jun-84	374	JL 7-6-00	MB 8-8-00
S-1013	84-27W	19-Dec-84	352	JL 7-6-00	MB 8-8-00
S-880	84-28	12-Jun-84	330	JL 7-6-00	MB 8-8-00
S-881	84-28	12-Jun-84	390	JL 7-6-00	MB 8-8-00
S-882	84-29	18-Jun-84	357	JL 7-6-00	MB 8-8-00
S-883	84-29	18-Jun-84	388	JL 7-6-00	MB 8-8-00
S-887	84-30	18-Jun-84	315	JL 7-6-00	MB 8-8-00
S-894	84-31	28-Jun-84	265	JL 7-6-00	MB 8-8-00
S-895A	84-31	28-Jun-84	291	JL 7-6-00	MB 8-8-00
S-914	84-32	02-Jul-84	246	JL 7-6-00	MB 8-8-00
S-920	84-32	02-Jul-84	345	JL 7-6-00	MB 8-8-00
S-967	84-33 MB 8-8-00	05 06-Jul-84	265	JL 7-6-00	MB 8-8-00
S-974	84-33	16-Jul-84	133	JL 7-6-00	MB 8-8-00
S-927	84-34 MB 8-8-00	17 16-Jul-84	233	JL 7-6-00	MB 8-8-00
S-973	84-34	17-Jul-84	356	JL 7-6-00	MB 8-8-00
S-926	84-35	17-Jul-84	329	JL 7-6-00	MB 8-8-00
S-968	84-36	17-Jul-84	309	JL 7-6-00	MB 8-8-00
S-943	84-38	07-Aug-84	386	JL 7-6-00	MB 8-8-00
S-963	84-38 MB 8-8-00	14 22-Aug-84	462	JL 7-6-00	MB 8-8-00

SIGNATURE SECTION:

Lori I Covey
Print Name

JL
Signature

JL
Initials

MICHAEL F. BRICKEY SR.
Print Name

Michael F. Brickey Sr
Signature

MB
Initials

Print Name

Signature

Initials

QC INSPECTION PLAN FOR VERIFICATION OF STRONTIUM CAPSULE DATA

Outer Capsule ID	Production # (runbook)	Calorimetry Date	Original Wattage (W)	Engineering Verification (initials/date)	QC Verification (initials/date)
S-969	84-38 ^{MB} 8-8-00	⁰⁷ 22-Aug-84	401	Je 7-6-00	MB 8-8-00
S-945	84-39 ^{MB} 8-8-00	²² 23-Aug-84	295	Je 7-6-00	MB 8-8-00
S-960	84-40	14-Aug-84	434	Je 7-6-00	MB 8-8-00
S-965	84-40	14-Aug-84	455	Je 7-6-00	MB 8-8-00
S-938	84-41	14-Aug-84	442	Je 7-6-00	MB 8-8-00
S-958	84-41	22-Aug-84	434	Je 7-6-00	MB 8-8-00
S-940	84-42 ^{MB} 8-8-00	¹⁵ 24-Aug-84	354	Je 7-6-00	MB 8-8-00
S-950	84-42 ^{MB} 8-8-00	¹⁵ 23-Aug-84	447	Je 7-6-00	MB 8-8-00
S-935	84-43	22-Aug-84	590	Je 7-6-00	MB 8-8-00
S-942	84-44	11-Sep-84	465	Je 7-6-00	MB 8-8-00
S-976	84-44	11-Sep-84	421	Je 7-6-00	MB 8-8-00
S-941	84-45	11-Sep-84	361	Je 7-6-00	MB 8-8-00
S-971	84-45	11-Sep-84	380	Je 7-6-00	MB 8-8-00
S-932	84-46	12-Sep-84	391	Je 7-6-00	MB 8-8-00
S-954	84-46	12-Sep-84	383	Je 7-6-00	MB 8-8-00
S-992	84-48	29-Nov-84	506	Je 7-6-00	MB 8-8-00
S-991	84-49	28-Nov-84	596	Je 7-6-00	MB 8-8-00
S-980	84-51	05-Dec-84	542	Je 7-6-00	MB 8-8-00
S-997	84-53	03-Dec-84	634	Je 7-6-00	MB 8-8-00
S-1007	84-54	04-Dec-84	627	Je 7-6-00	MB 8-8-00
S-998	84-55	04-Dec-84	624	Je 7-6-00	MB 8-8-00
S-1004	84-56	05-Dec-84	495	Je 7-6-00	MB 8-8-00
S-993	84-57	05-Dec-84	552	Je 7-6-00	MB 8-8-00

SIGNATURE SECTION:

Lori J. Conroy
Print Name

Lori J. Conroy
Signature

Je
Initials

MICHAEL F. BRICKEY SR
Print Name

Michael F. Brickey SR
Signature

MB
Initials

Print Name

Signature

Initials

QC INSPECTION PLAN FOR VERIFICATION OF STRONTIUM CAPSULE DATA

Outer Capsule ID	Production # (runbook)	Calorimetry Date	Original Wattage (W)	Engineering Verification (initials/date)	QC Verification (initials/date)
S-1014	84-58	20-Dec-84	598	Je 7-6-00	MB 8-8-00
S-994	84-59	12-Dec-84	585	Je 7-6-00	MB 8-8-00
S-987	84-60	13-Dec-84	578	Je 7-6-00	MB 8-8-00
S-981	84-61	13-Dec-84	510	Je 7-6-00	MB 8-8-00
S-989	84-62	19-Dec-84	559	Je 7-6-00	MB 8-8-00
S-995	84-63	14-Dec-84	531	Je 7-6-00	MB 8-8-00
S-1005	84-64	14-Dec-84	664	Je 7-6-00	MB 8-8-00
S-1010	84-65	19-Dec-84	MS 8-8-00 498 499	Je 7-6-00	MB 8-8-00
S-947	84-66 MS 8-8-00	19 18-Dec-84	MS 8-8-00 259 260	Je 7-6-00	MB 8-8-00
S-1015	84-67	19-Dec-84	486	Je 7-6-00	MB 8-8-00
S-1017	84-68	02-Jan-85	MS 8-8-00 694 695	Je 7-6-00	MB 8-8-00
S-1016	84-71	30-Dec-84	MS 8-8-00 554 555	Je 7-6-00	MB 8-8-00
S-1022	84-72	02-Jan-85	485	Je 7-6-00	MB 8-8-00
S-985	85-01	10-Jan-84 MS 8-8-00	38	Je 7-6-00	MB 8-8-00
S-1018	85-01W	09-Jan-85	274	Je 7-6-00	MB 8-8-00
S-1019	85-01W	09-Jan-85	149	Je 7-6-00	MB 8-8-00
S-1020	85-01W	09-Jan-85	121	Je 7-6-00	MB 8-8-00
S-982	85-02W	10-Jan-84 MS 8-8-00	365	Je 7-6-00	MB 8-8-00
S-984	85-03W	18-Jan-85	165	Je 7-6-00	MB 8-8-00
S-951	85-04W	18-Jan-85	179	Je 7-6-00	MB 8-8-00
S-983	85-04W	17-Jan-85	159	Je 7-6-00	MB 8-8-00
S-1026	85-05W	24-Jan-85	152	Je 7-6-00	MB 8-8-00
S-1021	85-06W	04-Feb-85	137	Je 7-6-00	MB 8-8-00

SIGNATURE SECTION:

<u>Lori E. Rosey</u> Print Name	<u>Jan J. Ray</u> Signature	<u>Je</u> Initials
<u>MICHAEL F. BRICKEY SR</u> Print Name	<u>Michael F. Brickey SR</u> Signature	<u>MB</u> Initials
<u>M.A. Hill (Michael)</u> Print Name	<u>M.A. Hill</u> Signature	<u>MB</u> Initials

QC INSPECTION PLAN FOR VERIFICATION OF STRONTIUM CAPSULE DATA

Outer Capsule ID	Production # (runbook)	Calorimetry Date	Original Wattage (W)	Engineering Verification (initials/date)	QC Verification (initials/date)
S-1024	85-06W	04-Feb-85	145	Je 7-6-00	MB 8-8-00
S-1025	85-06W	04-Feb-85	193	Je 7-6-00	MB 8-8-00
S-4*	INTERMED	NA	NA	NA	NA
S-2*	TRACER	NA	NA	NA	NA

* See Section 5.0 of this Document for a discussion on capsules S-2 and S-4.

SIGNATURE SECTION:

<u>Lori I Convey</u> Print Name	<u>Je I Convey</u> Signature	<u>Je</u> Initials
<u>MICHAEL F. BRICKEY SR</u> Print Name	<u>Michael F. Brickey Sr.</u> Signature	<u>MB</u> Initials
_____ Print Name	_____ Signature	_____ Initials

APPENDIX C – CESIUM CAPSULE HEAT LOAD INFORMATION

Capsule: C-187

76-22

CAPSULE HEAT CAPACITY CALCULATIONS

This heat capacity calculation data sheet was copied from the data sheets contained in the strontium run books (for both cesium and strontium) and is being used to verify the cesium capsule original watts contained in the WESF EDS. If there are discrepancies, the EDS value will be replaced with this verified calculated value.

7. Capsule Heat Capacity Calculation

NOTE: In the following calculations, unit conversions have already been calculated and are included as a constant.

a. M_{cp} of attenuator and basket (constant) = 7.3 BTU/°F

[The M_{cp} of the attenuator and basket was listed as both 6.75 BTU/°F and 7.3 BTU/°F in the original data sheets; 7.3 BTU/°F was chosen since it was used in the later calculations and would be the conservative value]

b. M_{cp} of test capsule

For Cesium

$$1) \quad M_{cp} \text{ CsCl} = \frac{[\text{salt wt. (gms)}] \times (0.0433 \text{ BTU/lb } ^\circ\text{F})}{454 \text{ gm/lb}}$$

$$= \frac{(2808 \text{ gms}) \times (9.537 \times 10^{-5} \text{ BTU/gm } ^\circ\text{F})}{1} = 0.27 \text{ BTU/}^\circ\text{F}$$

$$2) \quad M_{cp} \text{ 316L} = [\text{Inner \& Outer Tare (gms)}] \times (2.643 \times 10^{-4} \text{ BTU/gm } ^\circ\text{F})$$

$$= (4827 \text{ gms}) \times (2.643 \times 10^{-4} \text{ BTU/gm } ^\circ\text{F}) = 1.28 \text{ BTU/}^\circ\text{F}$$

$$c. \quad M_{cp} \text{ H}_2\text{O} = \frac{(\text{Volume Bath} - \text{liters}) \times (997.3 \text{ gm/l}) \times (0.999 \text{ BTU/lb } ^\circ\text{F})}{454 \text{ gm/lb}}$$

$$= (22 \text{ liters}) \times (2.194 \text{ BTU/l } ^\circ\text{F}) = 48.27 \text{ BTU/}^\circ\text{F}$$

$$d. \quad \text{Total Heat Capacity} = \sum M_{cp} = a + b + c = 57.12 \text{ BTU/}^\circ\text{F}$$

8. Rate of Temperature Rise

$$R_T = \frac{\text{Change in Bath Temp. (}^\circ\text{F)}}{\text{Elapsed Time (hrs.)}} = \text{To be determined by plotting data in part 5d and determining the average slope} = 18.4 \text{ }^\circ\text{F/hr.}$$

9. Calorimeter Heat Loss Determination

$$a. \quad \text{Average Bath Temp.} = \frac{(\text{Initial Temp.}) + (\text{Ending Temp.})}{2}$$

$$= \frac{83 + 92.3}{2} = 87.65 \text{ }^\circ\text{F}$$

$$b. \quad \text{Average Differential Temp.} = (\text{Avg. Bath Temp.}) - (\text{Cell Temp.}) = 9a - 5a$$

$$= 87.65 - 83 = 4.65 \text{ }^\circ\text{F}$$

Capsule: C-187

c. Find heat loss for average temperature on Figure 2

Heat Loss = 9.5 BTU/hr

10. Capsule Heat Output - Q_c

a. $Q_{c0} = (\sum M_{cp} \times R_T) + \text{Heat Loss}$

= $(7d \times 8) + 9c = (57.12 \times 18.4) + 9.5 = 1061$ BTU/hr

b. $Q_c = \frac{Q_{c0} \text{ BTU/hr}}{3.414 \text{ BTU/hr Watt}} = \frac{1061}{3.414} \text{ Watts} = 310.8$ Watts

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Lois I Covey
Signature

7-17-00
Date

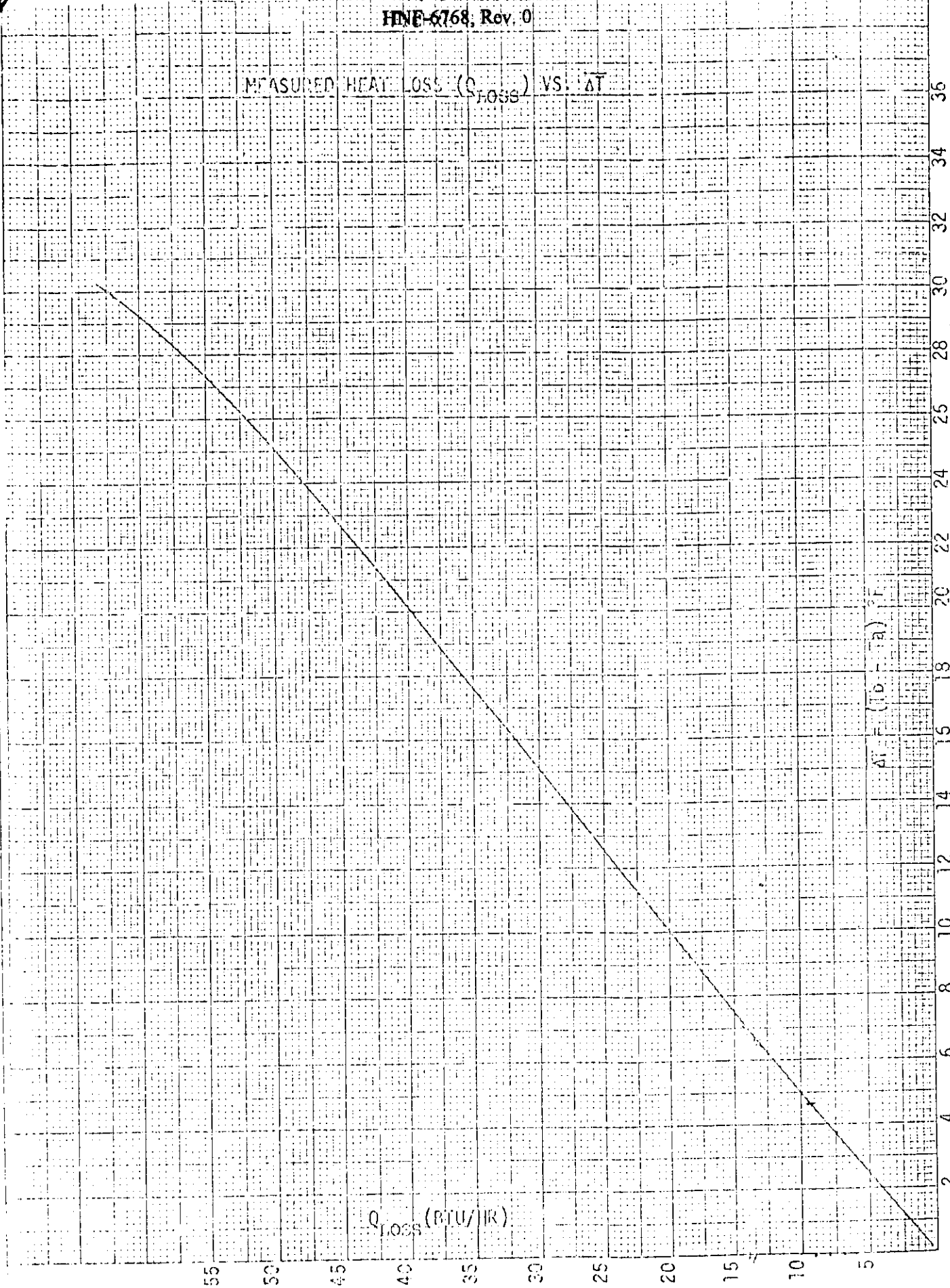
Checked by:

Martin Lott
Print Name

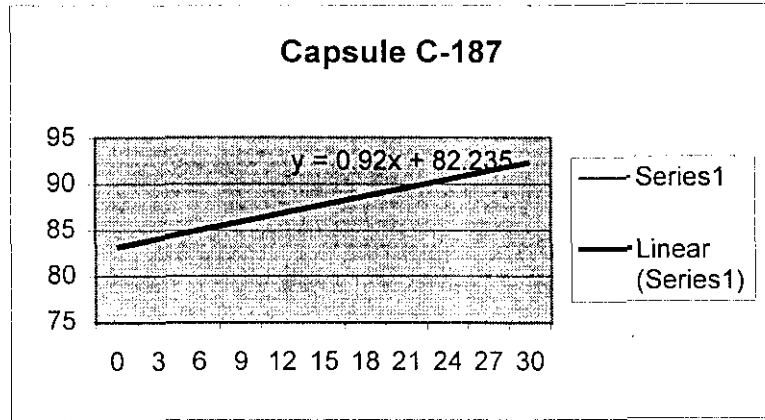
[Signature]
Signature

7-17-00
Date

MEASURED HEAT LOSS (Q_{LOSS}) VS. ΔT



Time	Temp
0	83
3	84.1
6	85
9	86
12	86.9
15	87.8
18	88.7
21	89.6
24	90.5
27	91.4
30	92.3



Temperature = 18.1 °F/h

Capsule: C-209

76-22

CAPSULE HEAT CAPACITY CALCULATIONS

This heat capacity calculation data sheet was copied from the data sheets contained in the strontium run books (for both cesium and strontium) and is being used to verify the cesium capsule original watts contained in the WESF EDS. If there are discrepancies, the EDS value will be replaced with this verified calculated value.

7. Capsule Heat Capacity Calculation

NOTE: In the following calculations, unit conversions have already been calculated and are included as a constant.

a. M_{cp} of attenuator and basket (constant) = 7.3 BTU/°F

[The M_{cp} of the attenuator and basket was listed as both 6.75 BTU/°F and 7.3 BTU/°F in the original data sheets; 7.3 BTU/°F was chosen since it was used in the later calculations and would be the conservative value]

b. M_{cp} of test capsule

For Cesium

1) M_{cp} CsCl = $\frac{[\text{salt wt. (gms)}] \times (0.0433 \text{ BTU/lb } ^\circ\text{F})}{454 \text{ gm/lb}}$

= $(3063 \text{ gms}) \times (9.537 \times 10^{-5} \text{ BTU/gm } ^\circ\text{F}) = \underline{0.29} \text{ BTU/}^\circ\text{F}$

2) M_{cp} 316L = $[\text{Inner \& Outer Tare (gms)}] \times (2.643 \times 10^{-4} \text{ BTU/gm } ^\circ\text{F})$

= $(4957 \text{ gms}) \times (2.643 \times 10^{-4} \text{ BTU/gm } ^\circ\text{F}) = \underline{1.31} \text{ BTU/}^\circ\text{F}$

c. M_{cp} H₂O = $\frac{(\text{Volume Bath} - \text{liters}) \times (997.3 \text{ gm/l}) \times (0.999 \text{ BTU/lb } ^\circ\text{F})}{454 \text{ gm/lb}}$

= $(22 \text{ liters}) \times (2.194 \text{ BTU/l } ^\circ\text{F}) = \underline{48.27} \text{ BTU/}^\circ\text{F}$

d. Total Heat Capacity = $\sum M_{cp} = a + b + c = \underline{57.17} \text{ BTU/}^\circ\text{F}$

8. Rate of Temperature Rise

$R_T = \frac{\text{Change in Bath Temp. (}^\circ\text{F)}}{\text{Elapsed Time (hrs.)}}$ = To be determined by plotting data in part 5d = $\underline{20.8} \text{ }^\circ\text{F/hr.}$ and determining the average slope

9. Calorimeter Heat Loss Determination

a. Average Bath Temp. = $\frac{(\text{Initial Temp.}) + (\text{Ending Temp.})}{2}$

= $\frac{82.9 + 93.4}{2} = \underline{88.15} \text{ }^\circ\text{F}$

b. Average Differential Temp. = (Avg. Bath Temp.) - (Cell Temp.) = 9a - 5a

= $\underline{88.15} - \underline{82.9} = \underline{5.25} \text{ }^\circ\text{F}$

Capsule: C-209

- c. Find heat loss for average temperature on Figure 2

Heat Loss = 10.5 BTU/hr

10. Capsule Heat Output - Q_C

$$\begin{aligned} \text{a. } Q_{C0} &= (\sum M_{cp} \times R_T) + \text{Heat Loss} \\ &= (7d \times 8) + 9c = (\underline{57.17} \times \underline{20.8}) + \underline{10.5} = \underline{1200} \text{ BTU/hr} \end{aligned}$$

$$\text{b. } Q_C = \frac{Q_{C0} \text{ BTU/hr}}{3.414 \text{ BTU/hr Watt}} = \frac{\underline{1200}}{3.414} \text{ Watts} = \underline{351.5} \text{ Watts}$$

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Lori E Covey
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Martin Lott
Signature

7-17-00
Date

Capsule: C-209

12. Heat and curie content of remaining cesium capsules in the batch

	Salt wt. Capsule = RS Salt wt. Test	(Q _c) x (RS) = Q capsule
Test Capsule <u>C-209</u>	Salt wt. Test = <u>3063</u>	Q _c = 10b = <u>351.5</u>
Capsule <u>C-189</u>	$\left(\frac{2724}{3063}\right) = 0.8893$	$(351.5) \times (0.8893) = 321.6$
Capsule <u>C-190</u>	$\left(\frac{2804}{3063}\right) = 0.9154$	$(351.5) \times (0.9154) = 321.8$
Capsule <u>C-210</u>	$\left(\frac{2886}{3063}\right) = 0.9422$	$(351.5) \times (0.9422) = 331.2$
Capsule <u>NA</u>	() = ()	() x () =
Capsule <u>NA</u>	() = ()	() x () =
Capsule <u>NA</u>	() = ()	() x () =
Capsule <u>NA</u>	() = ()	() x () =
Capsule <u>NA</u>	() = ()	() x () =

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Print Name

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7-27-00
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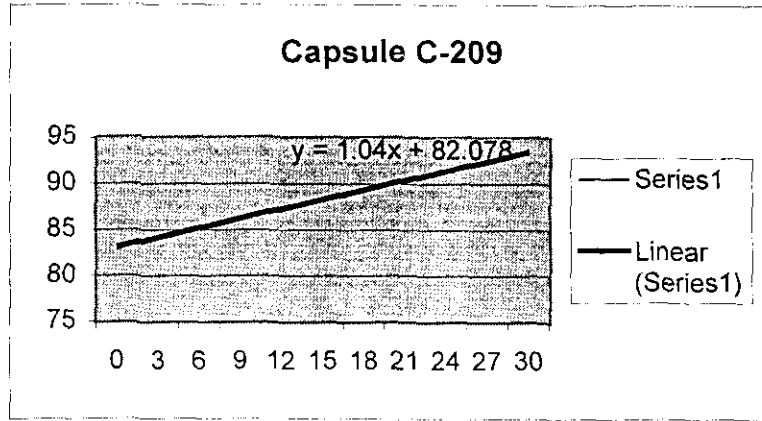
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Martin Lott
Print Name

Martin Lott
Signature

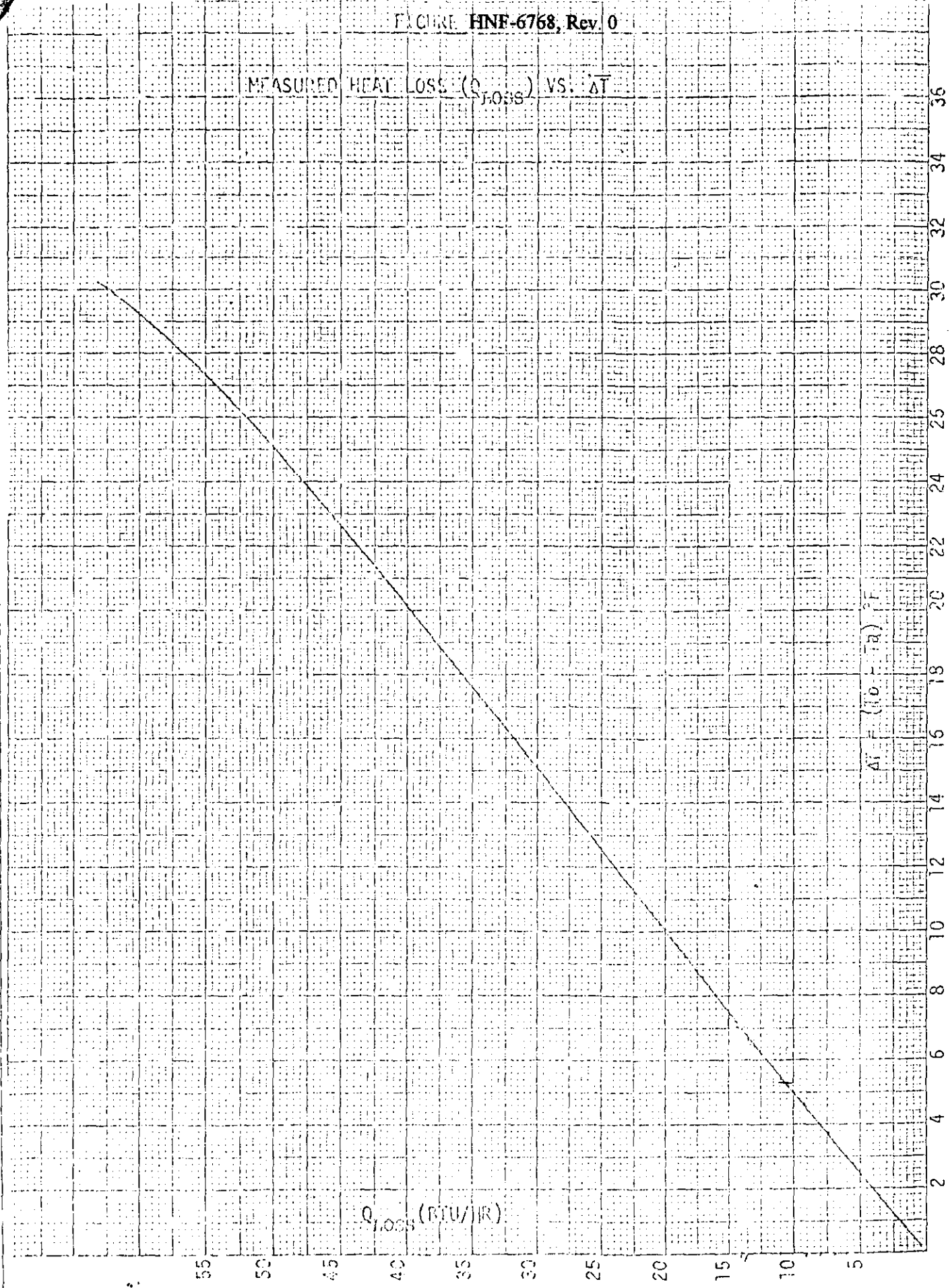
7-27-00
Date

Time	Temp
0	82.9
3	84.1
6	85.3
9	86.3
12	87.4
15	88.4
18	89.4
21	90.5
24	91.4
27	92.4
30	93.4



Temp rise = 80.8°F/100

MEASURED HEAT LOSS (Q_{LOSS}) VS. ΔT



A-E900-017.3 (2-72)

CAPSULE HEAT CAPACITY CALCULATIONS

This heat capacity calculation data sheet was copied from the data sheets contained in the strontium run books (for both cesium and strontium) and is being used to verify the cesium capsule original watts contained in the WESF EDS. If there are discrepancies, the EDS value will be replaced with this verified calculated value.

7. Capsule Heat Capacity Calculation

NOTE: In the following calculations, unit conversions have already been calculated and are included as a constant.

- a. M_{cp} of attenuator and basket (constant) = 7.3 BTU/°F

[The M_{cp} of the attenuator and basket was listed as both 6.75 BTU/°F and 7.3 BTU/°F in the original data sheets; 7.3 BTU/°F was chosen since it was used in the later calculations and would be the conservative value]

- b. M_{cp} of test capsule

For Cesium

$$1) \quad M_{cp} \text{ CsCl} = \frac{[\text{salt wt. (gms)}] \times (0.0433 \text{ BTU/lb } ^\circ\text{F})}{454 \text{ gm/lb}}$$

$$= (2785 \text{ gms}) \times (9.537 \times 10^{-5} \text{ BTU/gm } ^\circ\text{F}) = 0.27 \text{ BTU/}^\circ\text{F}$$

$$2) \quad M_{cp} \text{ 316L} = [\text{Inner \& Outer Tare (gms)}] \times (2.643 \times 10^{-4} \text{ BTU/gm } ^\circ\text{F})$$

$$= (5075 \text{ gms}) \times (2.643 \times 10^{-4} \text{ BTU/gm } ^\circ\text{F}) = 1.34 \text{ BTU/}^\circ\text{F}$$

$$c. \quad M_{cp} \text{ H}_2\text{O} = \frac{(\text{Volume Bath} - \text{liters}) \times (997.3 \text{ gm/l}) \times (0.999 \text{ BTU/lb } ^\circ\text{F})}{454 \text{ gm/lb}}$$

$$= (22 \text{ liters}) \times (2.194 \text{ BTU/l } ^\circ\text{F}) = 48.27 \text{ BTU/}^\circ\text{F}$$

$$d. \quad \text{Total Heat Capacity} = \sum M_{cp} = a + b + c = 57.18 \text{ BTU/}^\circ\text{F}$$

8. Rate of Temperature Rise

$$R_T = \frac{\text{Change in Bath Temp. (}^\circ\text{F)}}{\text{Elapsed Time (hrs.)}} = \text{To be determined by plotting data in part 5d and determining the average slope} = 18.7 \text{ }^\circ\text{F/hr.}$$

9. Calorimeter Heat Loss Determination

$$a. \quad \text{Average Bath Temp.} = \frac{(\text{Initial Temp.}) + (\text{Ending Temp.})}{2}$$

$$= \frac{80.8 + 90.1}{2} = 85.45 \text{ }^\circ\text{F}$$

$$b. \quad \text{Average Differential Temp.} = (\text{Avg. Bath Temp.}) - (\text{Cell Temp.}) = 9a - 5a$$

$$= 85.45 - 80.8 = 4.65 \text{ }^\circ\text{F}$$

Capsule: C-212

- c. Find heat loss for average temperature on Figure 2

$$\text{Heat Loss} = \underline{9.5} \text{ BTU/hr}$$

10. Capsule Heat Output - Q_c

a. $Q_{c0} = (\sum M_{cp} \times R_T) + \text{Heat Loss}$

$$= (7d \times 8) + 9c = (\underline{57.18} \times \underline{18.7}) + \underline{9.5} = \underline{1079} \text{ BTU/hr}$$

b. $Q_c = \frac{Q_{c0} \text{ BTU/hr}}{3.414 \text{ BTU/hr Watt}} = \frac{1079}{3.414} \text{ Watts} = \underline{316.1} \text{ Watts}$

Performed by:

Lori I Covey
Print Name

Lori I Covey
Signature

7-17-00
Date

Checked by:

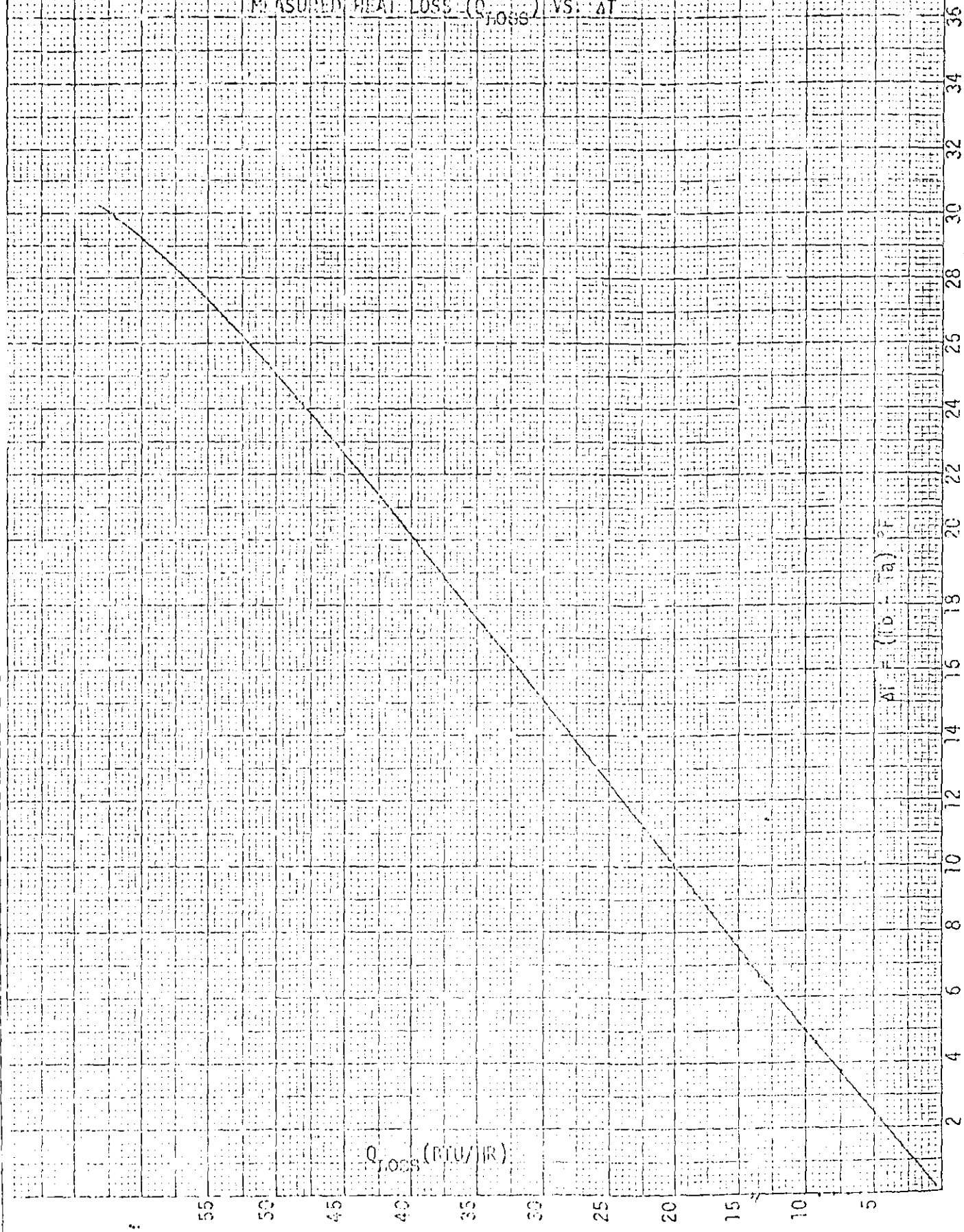
Martin Lott
Print Name

Martin Lott
Signature

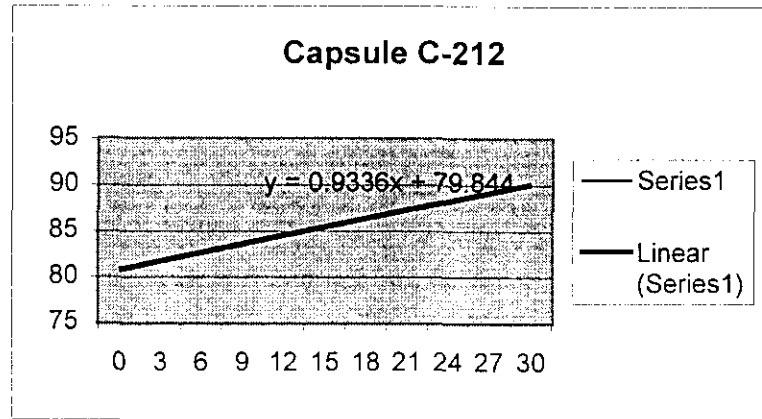
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Date

FIGURE 1

MEASURED HEAT LOSS (Q_{LOSS}) VS. ΔT



Time	Temp
0	80.8
3	81.7
6	82.6
9	83.6
12	84.5
15	85.4
18	86.4
21	87.4
24	88.3
27	89.1
30	90.1



Temp rise = 18.67 °F/hr

CAPSULE HEAT CAPACITY CALCULATIONS

This heat capacity calculation data sheet was copied from the data sheets contained in the strontium run books (for both cesium and strontium) and is being used to verify the cesium capsule original watts contained in the WESF EDS. If there are discrepancies, the EDS value will be replaced with this verified calculated value.

7. Capsule Heat Capacity Calculation

NOTE: In the following calculations, unit conversions have already been calculated and are included as a constant.

a. M_{cp} of attenuator and basket (constant) = 7.3 BTU/°F

[The M_{cp} of the attenuator and basket was listed as both 6.75 BTU/°F and 7.3 BTU/°F in the original data sheets; 7.3 BTU/°F was chosen since it was used in the later calculations and would be the conservative value]

b. M_{cp} of test capsule

For Cesium

$$1) \quad M_{cp} \text{ CsCl} = \frac{[\text{salt wt. (gms)}] \times (0.0433 \text{ BTU/lb } ^\circ\text{F})}{454 \text{ gm/lb}}$$

$$= (2715 \text{ gms}) \times (9.537 \times 10^{-5} \text{ BTU/gm } ^\circ\text{F}) = \underline{0.26} \text{ BTU/}^\circ\text{F}$$

$$2) \quad M_{cp} \text{ 316L} = [\text{Inner \& Outer Tare (gms)}] \times (2.643 \times 10^{-4} \text{ BTU/gm } ^\circ\text{F})$$

$$= (5045 \text{ gms}) \times (2.643 \times 10^{-4} \text{ BTU/gm } ^\circ\text{F}) = \underline{1.33} \text{ BTU/}^\circ\text{F}$$

$$c. \quad M_{cp} \text{ H}_2\text{O} = \frac{(\text{Volume Bath} - \text{liters}) \times (997.3 \text{ gm/l}) \times (0.999 \text{ BTU/lb } ^\circ\text{F})}{454 \text{ gm/lb}}$$

$$= (22 \text{ liters}) \times (2.194 \text{ BTU/l } ^\circ\text{F}) = \underline{48.27} \text{ BTU/}^\circ\text{F}$$

$$d. \quad \text{Total Heat Capacity} = \sum M_{cp} = a + b + c = \underline{57.16} \text{ BTU/}^\circ\text{F}$$

8. Rate of Temperature Rise

$$R_T = \frac{\text{Change in Bath Temp. (}^\circ\text{F)}}{\text{Elapsed Time (hrs.)}} = \text{To be determined by plotting data in part 5d and determining the average slope} = \underline{19.0} \text{ }^\circ\text{F/hr.}$$

9. Calorimeter Heat Loss Determination

$$a. \quad \text{Average Bath Temp.} = \frac{(\text{Initial Temp.}) + (\text{Ending Temp.})}{2}$$

$$= \frac{82 + 91.4}{2} = \underline{86.7} \text{ }^\circ\text{F}$$

$$b. \quad \text{Average Differential Temp.} = (\text{Avg. Bath Temp.}) - (\text{Cell Temp.}) = 9a - 5a$$

$$= \underline{86.7} - \underline{82} = \underline{4.7} \text{ }^\circ\text{F}$$

Capsule: C-213

c. Find heat loss for average temperature on Figure 2

Heat Loss = 9.5 BTU/hr

10. Capsule Heat Output - Q_C

a. $Q_{CO} = (\sum M_{cp} \times R_T) + \text{Heat Loss}$

= $(7d \times 8) + 9c = (57.16 \times 19.0) + 9.5 = 1096$ BTU/hr

b. $Q_C = \frac{Q_{CO} \text{ BTU/hr}}{3.414 \text{ BTU/hr Watt}} = \frac{1096}{3.414} \text{ Watts} = 321.0$ Watts

Performed by:

Lori I Covey
Print Name

Lori I Covey
Signature

7-17-00
Date

Checked by:

Mar Ann Lott
Print Name

[Signature]
Signature

7-17-00
Date

Capsule: C-213

12. Heat and curie content of remaining cesium capsules in the batch

	Salt wt. Capsule = RS Salt wt. Test	(Q _c) x (RS) = Q capsule
Test Capsule <u>C-213</u>	Salt wt. Test = <u>2715</u>	Q _c = 10b = <u>321.0</u>
Capsule <u>C-218</u>	$\frac{(2684)}{(2715)} = 0.9886$	$(321.0) \times (0.9886) = 317.3$
Capsule <u>C-228</u>	$\frac{(2670)}{(2715)} = 0.9834$	$(321.0) \times (0.9834) = 315.7$
Capsule <u>NA</u>	() =	() x () =
Capsule <u>NA</u>	() =	() x () =
Capsule <u>NA</u>	() =	() x () =
Capsule <u>NA</u>	() =	() x () =
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Capsule <u>NA</u>	() =	() x () =

Performed by:

Lori I Covey
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Lori I Covey
Signature

7-25-00
Date

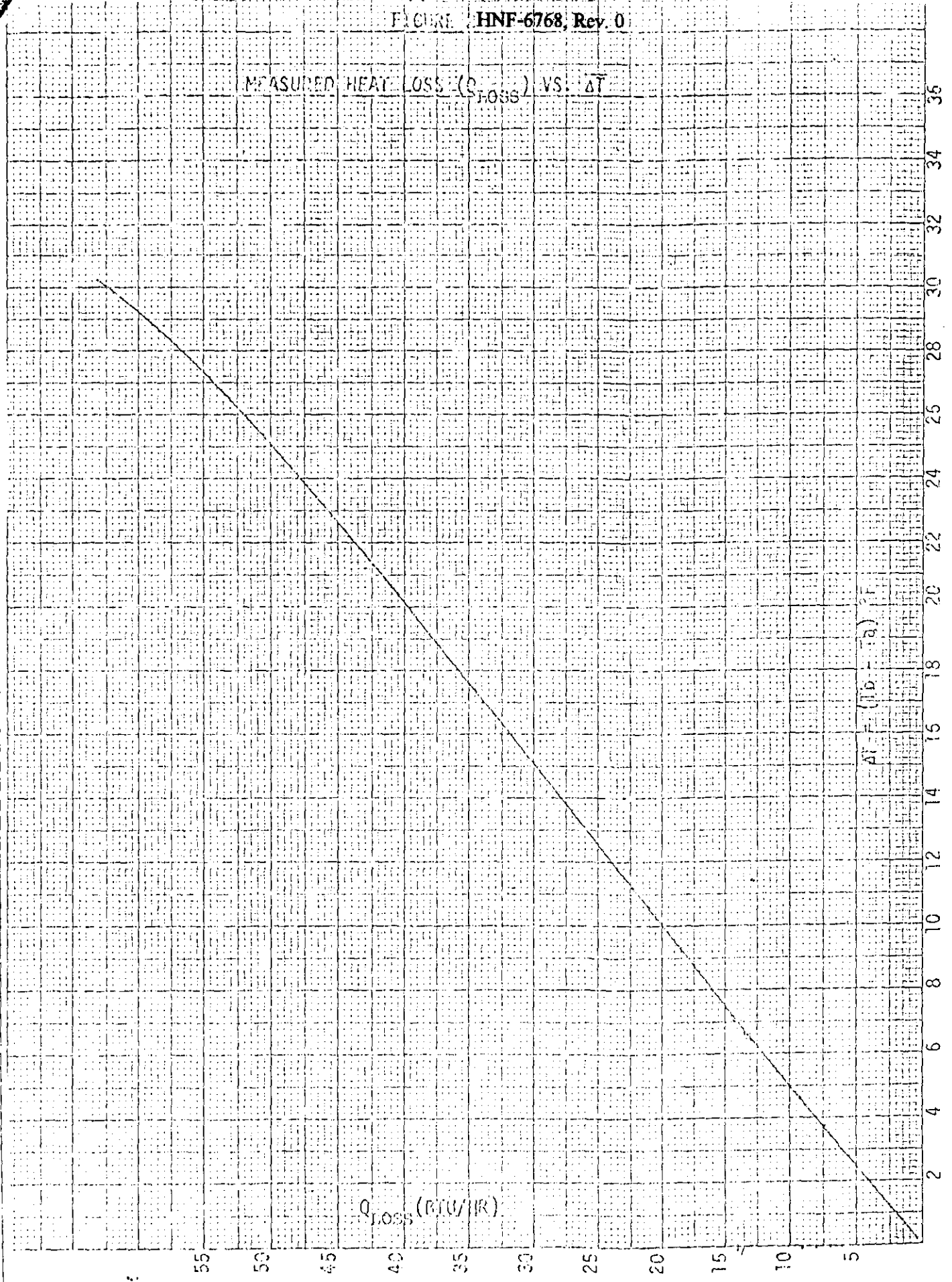
Checked by:

Martin Lott
Print Name

Martin Lott
Signature

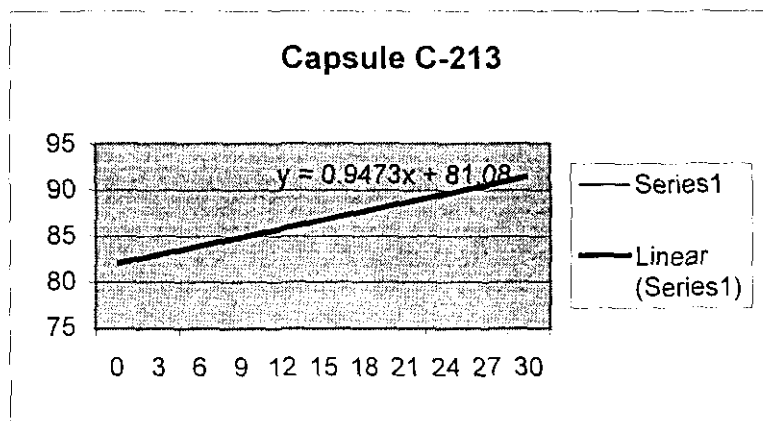
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Date

MEASURED HEAT LOSS (Q_{LOSS}) VS. ΔT



DATE ISSUED 5-30-74	REVIEW DATE 12-31-75	SUPERSEDES DATE ISSUED NE	PAGE 10 OF 10	SOP NO. 905.06
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Time	Temp
0	82
3	82.9
6	83.9
9	84.9
12	85.8
15	86.8
18	87.9
21	88.7
24	89.6
27	90.5
30	91.4



Temp. rate = 18.95 °F/hr

CAPSULE HEAT CAPACITY CALCULATIONS

This heat capacity calculation data sheet was copied from the data sheets contained in the strontium run books (for both cesium and strontium) and is being used to verify the cesium capsule original watts contained in the WESF EDS. If there are discrepancies, the EDS value will be replaced with this verified calculated value.

7. Capsule Heat Capacity Calculation

NOTE: In the following calculations, unit conversions have already been calculated and are included as a constant.

- a. M_{cp} of attenuator and basket (constant) = 7.3 BTU/°F

[The M_{cp} of the attenuator and basket was listed as both 6.75 BTU/°F and 7.3 BTU/°F in the original data sheets; 7.3 BTU/°F was chosen since it was used in the later calculations and would be the conservative value]

- b. M_{cp} of test capsule

For Cesium

$$1) \quad M_{cp} \text{ CsCl} = \frac{[\text{salt wt. (gms)}] \times (0.0433 \text{ BTU/lb } ^\circ\text{F})}{454 \text{ gm/lb}}$$

$$= (2697 \text{ gms}) \times (9.537 \times 10^{-5} \text{ BTU/gm } ^\circ\text{F}) = 0.26 \text{ BTU/}^\circ\text{F}$$

$$2) \quad M_{cp} \text{ 316L} = [\text{Inner \& Outer Tare (gms)}] \times (2.643 \times 10^{-4} \text{ BTU/gm } ^\circ\text{F})$$

$$= (4968 \text{ gms}) \times (2.643 \times 10^{-4} \text{ BTU/gm } ^\circ\text{F}) = 1.31 \text{ BTU/}^\circ\text{F}$$

$$c. \quad M_{cp} \text{ H}_2\text{O} = \frac{(\text{Volume Bath} - \text{liters}) \times (997.3 \text{ gm/l}) \times (0.999 \text{ BTU/lb } ^\circ\text{F})}{454 \text{ gm/lb}}$$

$$= (22 \text{ liters}) \times (2.194 \text{ BTU/l } ^\circ\text{F}) = 48.27 \text{ BTU/}^\circ\text{F}$$

$$d. \quad \text{Total Heat Capacity} = \sum M_{cp} = a + b + c = 57.14 \text{ BTU/}^\circ\text{F}$$

8. Rate of Temperature Rise

$$R_T = \frac{\text{Change in Bath Temp. (}^\circ\text{F)}}{\text{Elapsed Time (hrs.)}} = \text{To be determined by plotting data in part 5d and determining the average slope} = 17.9 \text{ }^\circ\text{F/hr.}$$

9. Calorimeter Heat Loss Determination

$$a. \quad \text{Average Bath Temp.} = \frac{(\text{Initial Temp.}) + (\text{Ending Temp.})}{2}$$

$$= \frac{81.1 + 90}{2} = 85.6 \text{ }^\circ\text{F}$$

$$b. \quad \text{Average Differential Temp.} = (\text{Avg. Bath Temp.}) - (\text{Cell Temp.}) = 9a - 5a$$

$$= 85.6 - 81.1 = 4.5 \text{ }^\circ\text{F}$$

Capsule: C-230

c. Find heat loss for average temperature on Figure 2

Heat Loss = 9 BTU/hr .

10. Capsule Heat Output - Q_c

a. $Q_{c0} = (\sum M_{cp} \times R_T) + \text{Heat Loss}$

= $(7d \times 8) + 9c = (57.14 \times 17.9) + 9 = 1032$ BTU/hr

b. $Q_c = \frac{Q_{c0} \text{ BTU/hr}}{3.414 \text{ BTU/hr Watt}} = \frac{1032}{3.414} \text{ Watts} = 302.3$ Watts .

Performed by:

Lori I Covey
Print Name

Lori I Covey
Signature

7-17-00
Date

Checked by:

Martin Lott
Print Name

[Signature]
Signature

7-17-00
Date

Capsule: C-230

12. Heat and curie content of remaining cesium capsules in the batch

	Salt wt. Capsule = RS Salt wt. Test	(Qc) x (RS) = Q capsule
Test Capsule <u>C-230</u>	Salt wt. Test = <u>2697</u>	$Q_c = 10b = 302.3$
Capsule <u>C-185</u>	$\frac{(2687)}{(2697)} = 0.9963$	$(302.3) \times (0.9963) = 301.2$
Capsule <u>C-188</u>	$\frac{(2696)}{(2697)} = 0.9996$	$(302.3) \times (0.9996) = 302.2$
Capsule <u>C-214</u>	$\frac{(2685)}{(2697)} = 0.9956$	$(302.3) \times (0.9956) = 301.0$
Capsule <u>C-229</u>	$\frac{(2609)}{(2697)} = 0.9674$	$(302.3) \times (0.9674) = 292.4$
Capsule <u>C-231</u>	$\frac{(2651)}{(2697)} = 0.9829$	$(302.3) \times (0.9829) = 297.1$
Capsule <u>C-232</u>	$\frac{(2670)}{(2697)} = 0.9900$	$(302.3) \times (0.9900) = 299.3$
Capsule <u>NA</u>	() =	() x () =
Capsule <u>NA</u>	() =	() x () =

Performed by:

Lori E Covey
Print Name

Lori E Covey
Signature

7-25-00
Date

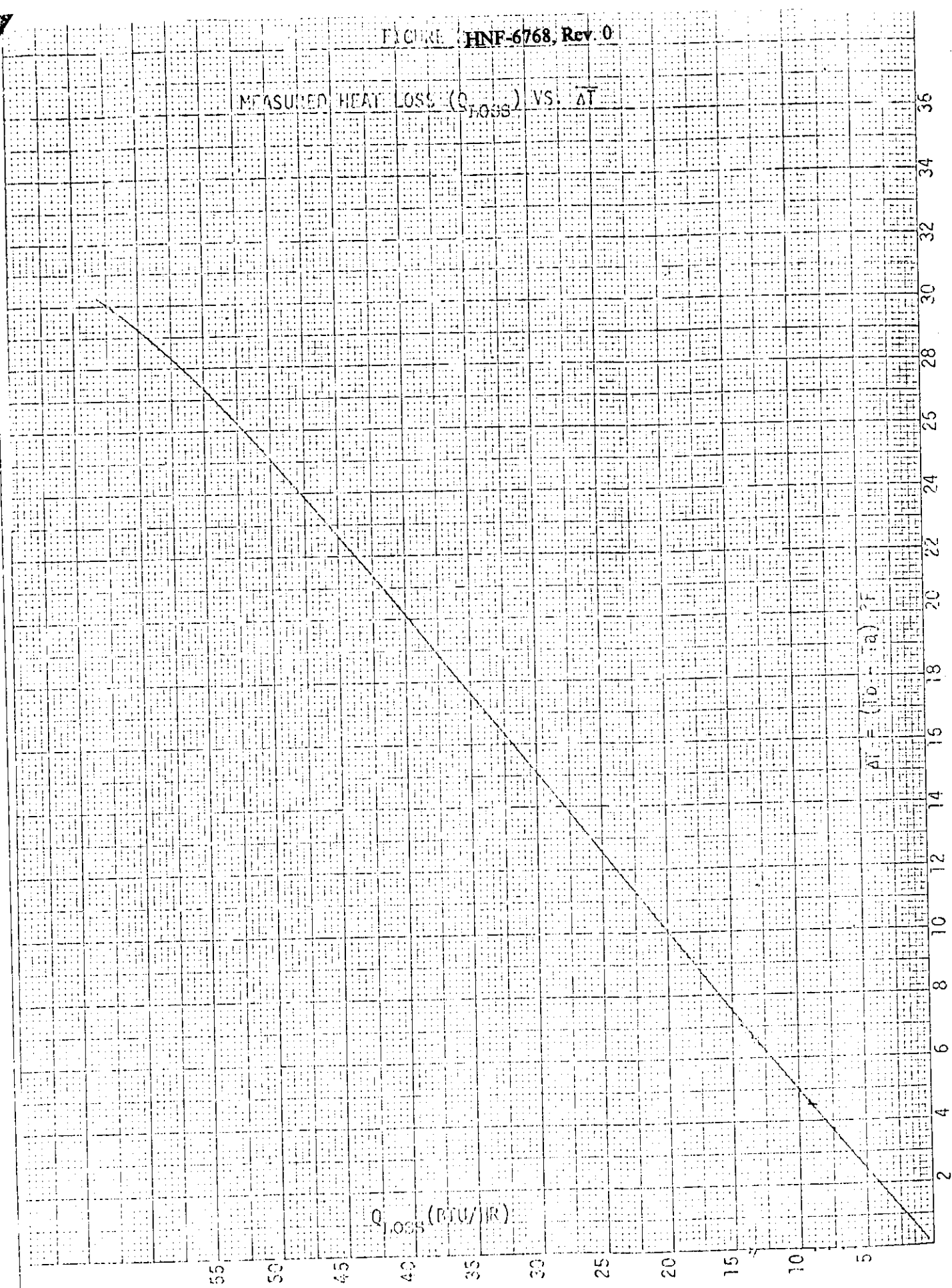
Checked by:

Martin Latt
Print Name

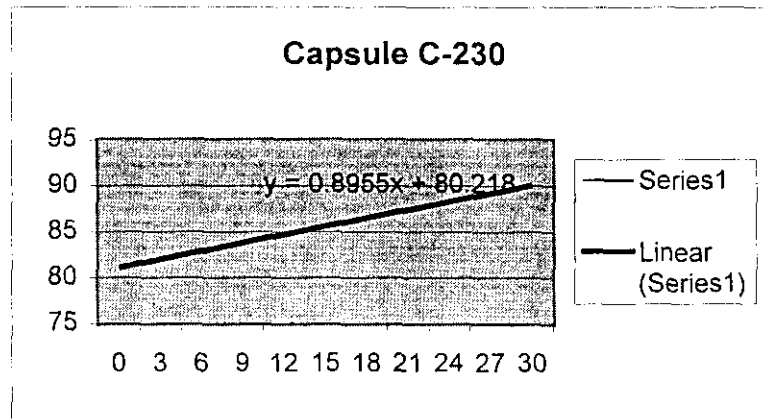
Martin Latt
Signature

7-26-00
Date

MEASURED HEAT LOSS (Q_{LOSS}) VS. ΔT



Time	Temp
0	81.1
3	82
6	82.9
9	83.8
12	84.7
15	85.6
18	86.5
21	87.4
24	88.3
27	89.2
30	90



Temp rate = $11.91 \frac{^{\circ}\text{F}}{\text{hr}}$

Capsule: C-199

76.25

CAPSULE HEAT CAPACITY CALCULATIONS

This heat capacity calculation data sheet was copied from the data sheets contained in the strontium run books (for both cesium and strontium) and is being used to verify the cesium capsule original watts contained in the WESF EDS. If there are discrepancies, the EDS value will be replaced with this verified calculated value.

7. Capsule Heat Capacity Calculation

NOTE: In the following calculations, unit conversions have already been calculated and are included as a constant.

a. Mcp of attenuator and basket (constant) = 7.3 BTU/°F

[The Mcp of the attenuator and basket was listed as both 6.75 BTU/°F and 7.3 BTU/°F in the original data sheets; 7.3 BTU/°F was chosen since it was used in the later calculations and would be the conservative value]

b. Mcp of test capsule

For Cesium

$$1) \text{ Mcp CsCl} = \frac{[\text{salt wt. (gms)}] \times (0.0433 \text{ BTU/lb } ^\circ\text{F})}{454 \text{ gm/lb}}$$

$$= (2795 \text{ gms}) \times (9.537 \times 10^{-5} \text{ BTU/gm } ^\circ\text{F}) = 0.27 \text{ BTU/}^\circ\text{F}$$

$$2) \text{ Mcp 316L} = [\text{Inner \& Outer Tare (gms)}] \times (2.643 \times 10^{-4} \text{ BTU/gm } ^\circ\text{F})$$

$$= (4908 \text{ gms}) \times (2.643 \times 10^{-4} \text{ BTU/gm } ^\circ\text{F}) = 1.3 \text{ BTU/}^\circ\text{F}$$

$$c. \text{ Mcp H}_2\text{O} = \frac{(\text{Volume Bath} - \text{liters}) \times (997.3 \text{ gm/l}) \times (0.999 \text{ BTU/lb } ^\circ\text{F})}{454 \text{ gm/lb}}$$

$$= (22 \text{ liters}) \times (2.194 \text{ BTU/l } ^\circ\text{F}) = 48.27 \text{ BTU/}^\circ\text{F}$$

$$d. \text{ Total Heat Capacity} = \sum \text{Mcp} = a + b + c = 57.14 \text{ BTU/}^\circ\text{F}$$

8. Rate of Temperature Rise

$$R_T = \frac{\text{Change in Bath Temp. (}^\circ\text{F)}}{\text{Elapsed Time (hrs.)}} = \text{To be determined by plotting data in part 5d and determining the average slope} = 18.7 \text{ }^\circ\text{F/hr.}$$

9. Calorimeter Heat Loss Determination

$$a. \text{ Average Bath Temp.} = \frac{(\text{Initial Temp.}) + (\text{Ending Temp.})}{2}$$

$$= \frac{80.6}{2} + \frac{90}{2} = 85.3 \text{ }^\circ\text{F}$$

$$b. \text{ Average Differential Temp.} = (\text{Avg. Bath Temp.}) - (\text{Cell Temp.}) = 9a - 5a$$

$$= 85.3 - 80.6 = 4.7 \text{ }^\circ\text{F}$$

Capsule: C-199

c. Find heat loss for average temperature on Figure 2

Heat Loss = 9.5 BTU/hr

10. Capsule Heat Output - Q_c

a. Q_{c0} = (ΣMcp x R_T) + Heat Loss

= (7d x 8) + 9c = (57.14 x 18.7) + 9.5 = 1078 BTU/hr

b. Q_c = $\frac{Q_{c0} \text{ BTU/hr}}{3.414 \text{ BTU/hr Watt}}$ = $\frac{1078}{3.414}$ Watts = 315.8 Watts

Performed by:

Lori E Covey
Print Name

Lori E Covey
Signature

7-17-00
Date

Checked by:

Martin Lott
Print Name

[Signature]
Signature

7-17-00
Date

Capsule: C-199

12. Heat and curie content of remaining cesium capsules in the batch

	Salt wt. Capsule = RS Salt wt. Test	(Qc) x (RS) = Q capsule
Test Capsule <u>C-199</u>	Salt wt. Test = <u>2795</u>	Qc = 10b = <u>315.8</u>
Capsule <u>C-225</u>	$\frac{(2710)}{(2795)} = 0.9696$	$(315.8) \times (0.9696) = 306.2$
Capsule <u>C-226</u>	$\frac{(2719)}{(2795)} = 0.9728$	$(315.8) \times (0.9728) = 307.2$
Capsule <u>C-227</u>	$\frac{(2693)}{(2795)} = 0.9635$	$(315.8) \times (0.9635) = 304.3$
Capsule <u>C-233</u>	$\frac{(2699)}{(2795)} = 0.9657$	$(315.8) \times (0.9657) = 305.0$
Capsule <u>C-234</u>	$\frac{(2707)}{(2795)} = 0.9685$	$(315.8) \times (0.9685) = 305.9$
Capsule _____	() =	() x () =
Capsule _____	() =	() x () =
Capsule _____	() =	() x () =

Performed by:

Lori I Covey
Print Name

Lori I Covey
Signature

7-25-00
Date

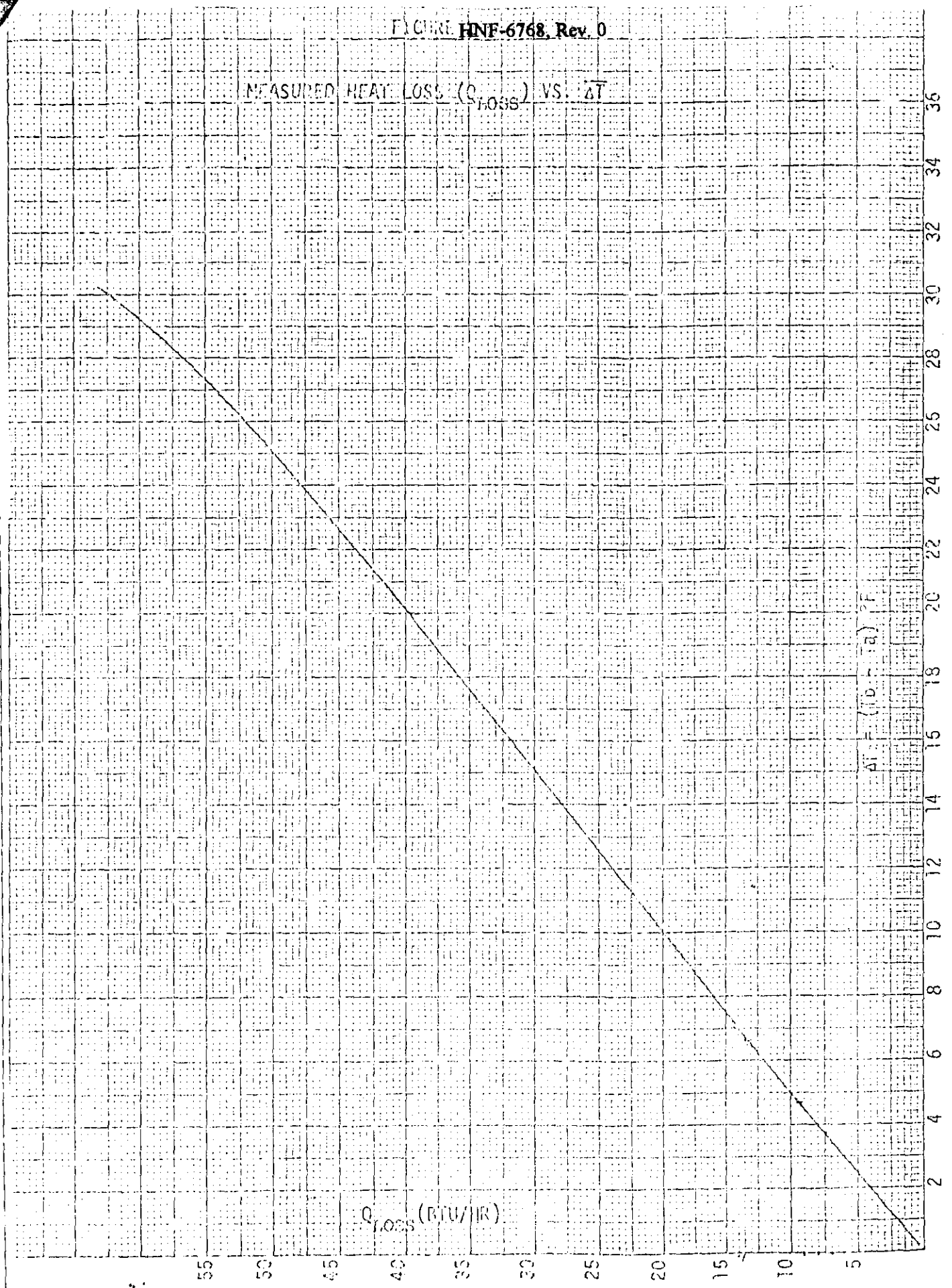
Checked by:

Martin Lott
Print Name

Martin Lott
Signature

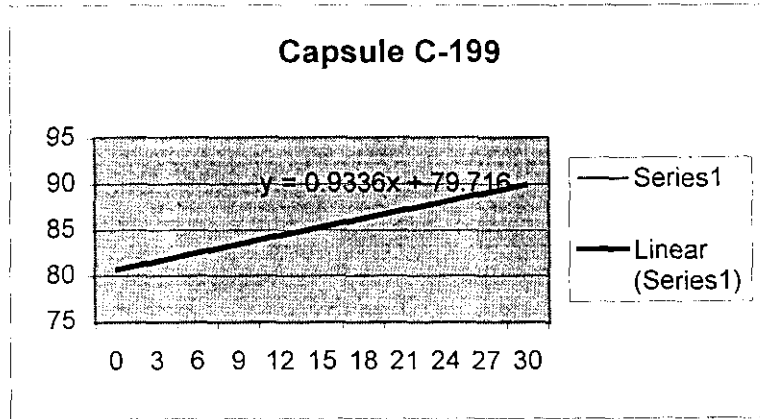
7-26-00
Date

MEASURED HEAT LOSS (Q_{LOSS}) VS. ΔT



DATE ISSUED 5-30-74	REVIEW DATE 12-31-75	SUPERSEDES DATE NEW	C-28	OF 10	SOP NO. 905.06
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Time	Temp
0	80.6
3	81.6
6	82.5
9	83.5
12	84.4
15	85.3
18	86.3
21	87.2
24	88.1
27	89
30	90



Temp rise = 13.67 °F/hr

Capsule: C-291

78.01

CAPSULE HEAT CAPACITY CALCULATIONS

This heat capacity calculation data sheet was copied from the data sheets contained in the strontium run books (for both cesium and strontium) and is being used to verify the cesium capsule original watts contained in the WESF EDS. If there are discrepancies, the EDS value will be replaced with this verified calculated value.

7. Capsule Heat Capacity Calculation

NOTE: In the following calculations, unit conversions have already been calculated and are included as a constant.

a. Mcp of attenuator and basket (constant) = 7.3 BTU/°F

[The Mcp of the attenuator and basket was listed as both 6.75 BTU/°F and 7.3 BTU/°F in the original data sheets; 7.3 BTU/°F was chosen since it was used in the later calculations and would be the conservative value]

b. Mcp of test capsule

For Cesium

$$1) \text{ Mcp CsCl} = \frac{[\text{salt wt. (gms)}] \times (0.0433 \text{ BTU/lb } ^\circ\text{F})}{454 \text{ gm/lb}}$$

$$= (3027 \text{ gms}) \times (9.537 \times 10^{-5} \text{ BTU/gm } ^\circ\text{F}) = \underline{0.29} \text{ BTU/}^\circ\text{F}$$

$$2) \text{ Mcp 316L} = [\text{Inner \& Outer Tare (gms)}] \times (2.643 \times 10^{-4} \text{ BTU/gm } ^\circ\text{F})$$

$$= (5402 \text{ gms}) \times (2.643 \times 10^{-4} \text{ BTU/gm } ^\circ\text{F}) = \underline{1.43} \text{ BTU/}^\circ\text{F}$$

$$c. \text{ Mcp H}_2\text{O} = \frac{(\text{Volume Bath - liters}) \times (997.3 \text{ gm/l}) \times (0.999 \text{ BTU/lb } ^\circ\text{F})}{454 \text{ gm/lb}}$$

$$= (22 \text{ liters}) \times (2.194 \text{ BTU/l } ^\circ\text{F}) = \underline{48.27} \text{ BTU/}^\circ\text{F}$$

$$d. \text{ Total Heat Capacity} = \sum \text{Mcp} = a + b + c = \underline{57.3} \text{ BTU/}^\circ\text{F}$$

8. Rate of Temperature Rise

$$R_T = \frac{\text{Change in Bath Temp. (}^\circ\text{F)}}{\text{Elapsed Time (hrs.)}} = \text{To be determined by plotting data in part 5d} = \underline{17.53} \text{ }^\circ\text{F/hr.}$$

and determining the average slope

9. Calorimeter Heat Loss Determination

$$a. \text{ Average Bath Temp.} = \frac{(\text{Initial Temp.}) + (\text{Ending Temp.})}{2}$$

$$= \frac{79.9}{2} + \frac{88.6}{2} = \underline{84.25} \text{ }^\circ\text{F}$$

$$b. \text{ Average Differential Temp.} = (\text{Avg. Bath Temp.}) - (\text{Cell Temp.}) = 9a - 5a$$

$$= \underline{84.25} - \underline{79.9} = \underline{4.4} \text{ }^\circ\text{F}$$

Capsule: C-291

- c. Find heat loss for average temperature on Figure 2

Heat Loss = 8.5 BTU/hr

10. Capsule Heat Output - Q_c

a. $Q_{c0} = (\sum M_{cp} \times R_T) + \text{Heat Loss}$

= $(7d \times 8) + 9c = (57.3 \times 17.53) + 8.5 = 1013$ BTU/hr

b. $Q_c = \frac{Q_{c0} \text{ BTU/hr}}{3.414 \text{ BTU/hr Watt}} = \frac{1013}{3.414} \text{ Watts} = 296.7$ Watts

Performed by:

Lori E Covey
Print NameLori E Covey
Signature7-17-00
Date

Checked by:

Martin Lott
Print Name[Signature]
Signature7-17-00
Date

Capsule: C-291

12. Heat and curie content of remaining cesium capsules in the batch

	Salt wt. Capsule = RS Salt wt. Test	(Q _c) x (RS) = Q capsule
Test Capsule <u>C-291</u>	Salt wt. Test = <u>3027</u>	Q _c = 10b = <u>296.7</u>
Capsule <u>C-292</u>	$\frac{(3036)}{(3027)} = 1.003$	$(296.7) \times (1.003) = 297.6$
Capsule <u>C-293</u>	$\frac{(3047)}{(3027)} = 1.007$	$(296.7) \times (1.007) = 298.8$
Capsule <u>C-294</u>	$\frac{(3042)}{(3027)} = 1.005$	$(296.7) \times (1.005) = 298.2$
Capsule <u>C-295</u>	$\frac{(3047)}{(3027)} = 1.007$	$(296.7) \times (1.007) = 298.8$
Capsule <u>NA</u>	() =	() x () =
Capsule <u>NA</u>	() =	() x () =
Capsule <u>NA</u>	() =	() x () =
Capsule <u>NA</u>	() =	() x () =

Performed by:

Lori I Covey
Print Name

[Signature]
Signature

7-25-00
Date

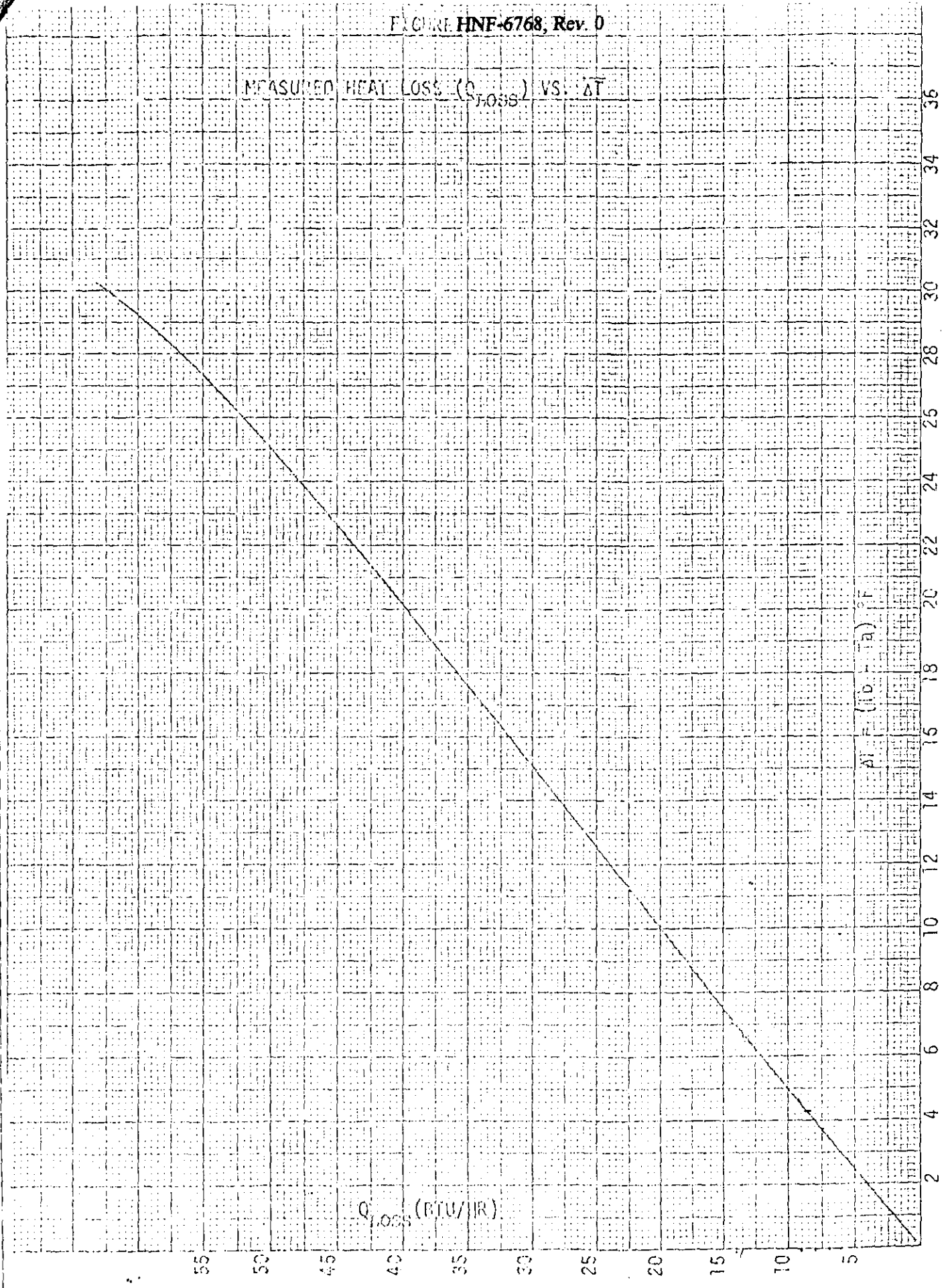
Checked by:

Martin Lott
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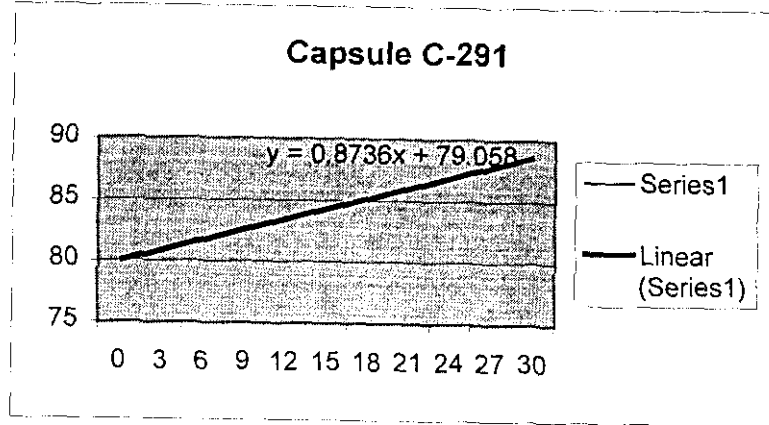
7-26-00
Date

MEASURED HEAT LOSS (Q_{LOSS}) VS. ΔT



A-E300-017.3 (1-74)

Time	Temp
0	79.9
3	80.8
6	81.7
9	82.6
12	83.4
15	84.3
18	85.2
21	86
24	86.9
27	87.9
30	88.6



Temp rise = 17.83 °F/hr

Capsule: C-296

78.02

CAPSULE HEAT CAPACITY CALCULATIONS

This heat capacity calculation data sheet was copied from the data sheets contained in the strontium run books (for both cesium and strontium) and is being used to verify the cesium capsule original watts contained in the WESF EDS. If there are discrepancies, the EDS value will be replaced with this verified calculated value.

7. Capsule Heat Capacity Calculation

NOTE: In the following calculations, unit conversions have already been calculated and are included as a constant.

a. Mcp of attenuator and basket (constant) = 7.3 BTU/°F

[The Mcp of the attenuator and basket was listed as both 6.75 BTU/°F and 7.3 BTU/°F in the original data sheets; 7.3 BTU/°F was chosen since it was used in the later calculations and would be the conservative value]

b. Mcp of test capsule

For Cesium

$$1) \text{ Mcp CsCl} = \frac{[\text{salt wt. (gms)}] \times (0.0433 \text{ BTU/lb } ^\circ\text{F})}{454 \text{ gm/lb}}$$

$$= (2997 \text{ gms}) \times (9.537 \times 10^{-5} \text{ BTU/gm } ^\circ\text{F}) = \underline{0.29} \text{ BTU/}^\circ\text{F}$$

$$2) \text{ Mcp 316L} = [\text{Inner \& Outer Tare (gms)}] \times (2.643 \times 10^{-4} \text{ BTU/gm } ^\circ\text{F})$$

$$= (5385 \text{ gms}) \times (2.643 \times 10^{-4} \text{ BTU/gm } ^\circ\text{F}) = \underline{1.42} \text{ BTU/}^\circ\text{F}$$

$$c. \text{ Mcp H}_2\text{O} = \frac{(\text{Volume Bath} - \text{liters}) \times (997.3 \text{ gm/l}) \times (0.999 \text{ BTU/lb } ^\circ\text{F})}{454 \text{ gm/lb}}$$

$$= (22 \text{ liters}) \times (2.194 \text{ BTU/l } ^\circ\text{F}) = \underline{48.27} \text{ BTU/}^\circ\text{F}$$

$$d. \text{ Total Heat Capacity} = \sum \text{Mcp} = a + b + c = \underline{57.28} \text{ BTU/}^\circ\text{F}$$

8. Rate of Temperature Rise

$$R_T = \frac{\text{Change in Bath Temp. (}^\circ\text{F)}}{\text{Elapsed Time (hrs.)}} = \text{To be determined by plotting data in part 5d and determining the average slope} = \underline{18.35} \text{ }^\circ\text{F/hr.}$$

9. Calorimeter Heat Loss Determination

$$a. \text{ Average Bath Temp.} = \frac{(\text{Initial Temp.}) + (\text{Ending Temp.})}{2}$$

$$= \frac{83.1 + 92.2}{2} = \underline{87.65} \text{ }^\circ\text{F}$$

$$b. \text{ Average Differential Temp.} = (\text{Avg. Bath Temp.}) - (\text{Cell Temp.}) = 9a - 5a$$

$$= \underline{87.65} - \underline{83.1} = \underline{4.6} \text{ }^\circ\text{F}$$

Capsule: C-296

- c. Find heat loss for average temperature on Figure 2

Heat Loss = 9.25 BTU/hr .

10. Capsule Heat Output - Q_c

a. $Q_{c0} = (\sum M_{cp} \times R_T) + \text{Heat Loss}$

= $(7d \times 8) + 9c = (57.28 \times 18.35) + 9.25 = 1060$ BTU/hr.

b. $Q_c = \frac{Q_{c0} \text{ BTU/hr}}{3.414 \text{ BTU/hr Watt}} = \frac{1060}{3.414} \text{ Watts} = 310.5 \text{ Watts}$

Performed by:

Lori I Covey
Print NameLori I Covey
Signature7-17-00
Date

Checked by:

Martin Lott
Print NameMartin Lott
Signature7-17-00
Date

Capsule: C-296

12. Heat and curie content of remaining cesium capsules in the batch

	Salt wt. Capsule = RS Salt wt. Test	(Qc) x (RS) = Q capsule
Test Capsule <u>C-296</u>	Salt wt. Test = <u>2997</u>	$Q_c = 10b = 310.5$
Capsule <u>C-297</u>	$\frac{(3015)}{(2997)} = 1.006$	$(310.5) \times (1.006) = 312.4$
Capsule <u>C-299</u>	$\frac{(2987)}{(2997)} = 0.9967$	$(310.5) \times (0.9967) = 309.5$
Capsule <u>C-342</u>	$\frac{(2987)}{(2997)} = 0.9967$	$(310.5) \times (0.9967) = 309.5$
Capsule <u>NA</u>	$\frac{(\quad)}{(\quad)} =$	$(\quad) \times (\quad) =$
Capsule <u>NA</u>	$\frac{(\quad)}{(\quad)} =$	$(\quad) \times (\quad) =$
Capsule <u>NA</u>	$\frac{(\quad)}{(\quad)} =$	$(\quad) \times (\quad) =$
Capsule <u>NA</u>	$\frac{(\quad)}{(\quad)} =$	$(\quad) \times (\quad) =$
Capsule <u>NA</u>	$\frac{(\quad)}{(\quad)} =$	$(\quad) \times (\quad) =$

Performed by:

Lori I Covey
Print Name

Lori I Covey
Signature

7-25-00
Date

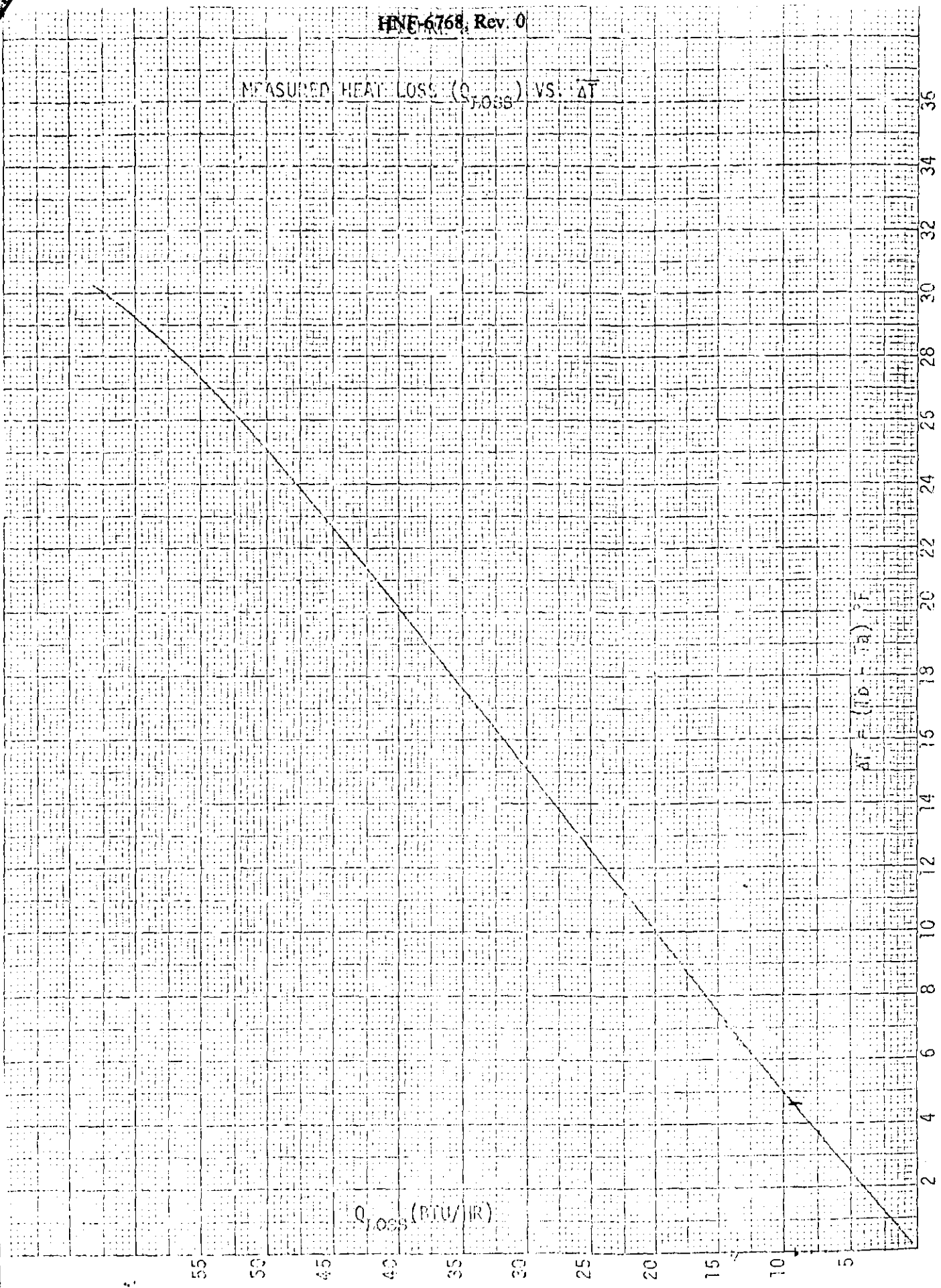
Checked by:

Martin Lott
Print Name

Martin Lott
Signature

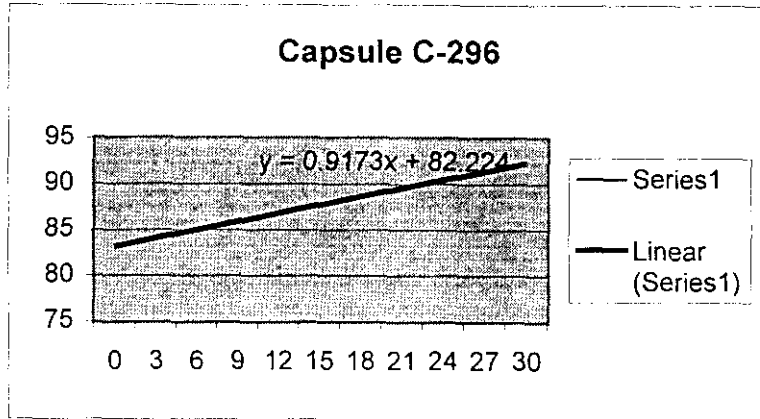
7-26-00
Date

MEASURED HEAT LOSS (Q_{LOSS}) VS. ΔT



A-E000-017.3 (2-73)

Time	Temp
0	83.1
3	84
6	85
9	85.9
12	86.8
15	87.8
18	88.7
21	89.6
24	90.5
27	91.4
30	92.2



Temp rate = 18.35 °F/hr

APPENDIX D – TYPE W OVERPACK HEAT LOAD AND CURIE CONTENT DATA

324 Facility Operations
 Technical Work Plan
 CESIUM CHLORIDE REPACKAGING

Proc. No. 3I-TWP-98-01 Page 1 of 1
 Rev. 1, Change D
 Page 116 of 148

ATTACHMENT 2 - MASTER PACKAGING RECORD
 (Page 9 of 9)

STEP NUMBER	ACTION TAKEN/INITIALS						
TABLE 9							
M&TE #: <u>1076-166-04-002</u> Calibration Due Date: <u>9-17-99</u> QC init/date: <u>9-23-98</u>							
	CAPSULE NUMBER	WEIGHT (Pounds)	OPERATOR INIT/DATE	QC INIT/DATE	CURIE CONTENT	THERMAL LOAD	PROJECT ENG. INIT/DATE
	W-PP1	24.75	AS 9-24-98	9/24/98	4334	20.4	A 9/25/98
	W-PP2	15.35	AS 9-24-98	9/24/98	26,596	125	A 9/25/98
	W-PP3	23.5	AS 9-24-98	9/24/98	11,015	51.8	A 9/25/98
5.10.10b	W-PP4	24.5	AS 9-23-98	9/23/98	12,155	57.1	A 9/25/98
5.10.10c	W-PP5	21.5	AS 9-23-98	9/24/98	30,127	141.6	A 9/25/98
J.12	W-PP6	NA	NA	NA	NA	NA	NA
	W-PP7	20.0	AS 9-24-98	9/24/98	23,870	112.2	A 9/25/98
5.10.12a	W-PP8	19.25	AS 9-24-98	9/24/98	18,795	88.3	A 9/25/98
5.10.20	W-913	27.5	AS 9-23-98	9/23/98	36,416	171.2	A 9/25/98
5.10.21	W-1093	27.5	AS 9-24-98	9/24/98	40,206	189	A 9/25/98
	W-1196	27.5	AS 9-24-98	9/24/98	37,442	176	A 9/25/98
	W-1504	27.5	AS 9-24-98	9/24/98	39,265	184.5	A 9/25/98
	W-1553	28.0	AS 9-24-98	9/24/98	39,212	184.3	A 9/25/98
	W-1592	28.5	AS 9-23-98	9/23/98	40,671	191.2	A 9/25/98
	W-1600	28.5	AS 9-23-98	9/23/98	38,895	182.8	A 9/25/98

PROJECT ENGINEER: J. J. Alulon 19/25/98
 SIGNATURE DATE

300 AREA RADIOLOGICAL CONTROL MANAGER: Steph B... 19/25/98
 SIGNATURE DATE



APPENDIX E – EDS RUN BOOK RECORDS

WESF maintains facility copies of the cesium and strontium capsule run books, however, the record copies are maintained by Records Holding. The following is a list of box numbers associated with the capsule run books.

Box Numbers for Cesium Capsule Run Books

113729
113730
113731
113732
113733
113734
113735
113736
113737
113738
113739
113740
113741
113742
113743

Box Numbers for Strontium Capsule Run Books

102230
148019
148020
148133
148134
148135
148136
148137
148138
148139
148140
148223
148224
148225
148226