

**Y-12 NATIONAL SECURITY COMPLEX  
DECLARATION REQUEST**

1. DECLARATION REQUEST FOR:

☐ SCRAP

☐ STORAGE

2. DECLARATION NUMBER:

**SECTION I (Items 1-6) - FOR USE BY SHIPPING SITE**

I  
N  
S  
T  
R  
U  
C  
T  
I  
O  
N  
S

3. SHIPPING SITE NAME:

SHIPPING SITE ADDRESS:

*Shipping Site Representative hereby certifies that the material covered by this request will be in conformance with all applicable regulations.*

4. DATE:

5. PRINTED NAME:

6. SIGNATURE:

TITLE:

PHONE NUMBER:

E-MAIL ADDRESS:

X

**SECTION II (Items 7-9) - FOR CONCURRENCE BY COGNIZANT DOE FIELD OFFICE**

*(Forward signed form to the Y-12 National Security Complex CSMO.)*

7. DATE:

8. DOE FIELD  
OFFICE NAME:

9. SIGNATURE: X

**SECTION III (Items 10-16) - FOR USE BY THE CENTRAL SCRAP MANAGEMENT OFFICE (CSMO)**

10. RESPONSE:

Concurrence of Section III by the Y-12 National Security Complex

11. DATE:

12. Y-12 National Security Complex CSMO Manager

13. SIGNATURE: X

Concurrence of Section III by the NNSA Production Office (NPO)

14. DATE:

15. NPO CSMO Manager

16. SIGNATURE: X

**Declaration Request Form**

<b>DECLARATION DESCRIPTION</b>	<b>Declaration Number:</b> _____																
<b>MATERIAL</b>																	
<b>General Description of Material:</b> (including type of material, physical and chemical form, description of matrix for mixtures, amount, etc.) <div style="border: 1px solid black; height: 200px; margin-top: 5px;"></div>																	
<b>History of Material:</b> Include original purpose of the material and detailed historical information concerning processing, handling and storage of the material. Attach original paperwork including shipping papers, 741 numbers, etc., if available. <div style="border: 1px solid black; height: 100px; margin-top: 5px;"></div>																	
<b>General Description of Packaging (Inner to Outer)</b>																	
<b>Example:</b> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 40%;">Packaging that is in direct contact with material:</td> <td><i>Material (foil) in 1-liter polybottle</i></td> </tr> <tr> <td>Next level of packaging:</td> <td><i>Polybottle in plastic bag</i></td> </tr> <tr> <td>Next level of packaging:</td> <td><i>Plastic bag in paint can</i></td> </tr> <tr> <td>Next level of packaging:</td> <td><i>Paint can in stainless steel 5-gallon can</i></td> </tr> <tr> <td>Next level of packaging:</td> <td>N/A</td> </tr> <tr> <td>Next level of packaging:</td> <td>N/A</td> </tr> <tr> <td>Next level of packaging:</td> <td>N/A</td> </tr> <tr> <td>Shipping Container:</td> <td><i>5-gallon can in stainless steel 55-gallon drum with vermiculite</i></td> </tr> </table>		Packaging that is in direct contact with material:	<i>Material (foil) in 1-liter polybottle</i>	Next level of packaging:	<i>Polybottle in plastic bag</i>	Next level of packaging:	<i>Plastic bag in paint can</i>	Next level of packaging:	<i>Paint can in stainless steel 5-gallon can</i>	Next level of packaging:	N/A	Next level of packaging:	N/A	Next level of packaging:	N/A	Shipping Container:	<i>5-gallon can in stainless steel 55-gallon drum with vermiculite</i>
Packaging that is in direct contact with material:	<i>Material (foil) in 1-liter polybottle</i>																
Next level of packaging:	<i>Polybottle in plastic bag</i>																
Next level of packaging:	<i>Plastic bag in paint can</i>																
Next level of packaging:	<i>Paint can in stainless steel 5-gallon can</i>																
Next level of packaging:	N/A																
Next level of packaging:	N/A																
Next level of packaging:	N/A																
Shipping Container:	<i>5-gallon can in stainless steel 55-gallon drum with vermiculite</i>																
<b>For This Declaration:</b>																	
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 40%;">Packaging that is in direct contact with material:</td> <td>_____</td> </tr> <tr> <td>Next level of packaging:</td> <td>_____</td> </tr> <tr> <td>Next level of packaging:</td> <td>_____</td> </tr> <tr> <td>Next level of packaging:</td> <td>_____</td> </tr> <tr> <td>Next level of packaging:</td> <td>_____</td> </tr> <tr> <td>Next level of packaging:</td> <td>_____</td> </tr> <tr> <td>Shipping Container:</td> <td>_____</td> </tr> </table>		Packaging that is in direct contact with material:	_____	Next level of packaging:	_____	Next level of packaging:	_____	Next level of packaging:	_____	Next level of packaging:	_____	Next level of packaging:	_____	Shipping Container:	_____		
Packaging that is in direct contact with material:	_____																
Next level of packaging:	_____																
Next level of packaging:	_____																
Next level of packaging:	_____																
Next level of packaging:	_____																
Next level of packaging:	_____																
Shipping Container:	_____																
<b>SHIPMENT</b>																	
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 40%;">Location and RIS of material to be shipped:</td> <td>_____</td> </tr> <tr> <td>Name of Shipping Site Representative:</td> <td>_____</td> </tr> <tr> <td>Shipping Site Rep Phone Number:</td> <td>_____</td> </tr> <tr> <td>Shipping Method (commercial or government):</td> <td>_____</td> </tr> </table>		Location and RIS of material to be shipped:	_____	Name of Shipping Site Representative:	_____	Shipping Site Rep Phone Number:	_____	Shipping Method (commercial or government):	_____								
Location and RIS of material to be shipped:	_____																
Name of Shipping Site Representative:	_____																
Shipping Site Rep Phone Number:	_____																
Shipping Method (commercial or government):	_____																
<b>Declaration Description Form</b>																	

SHIPPING CONTAINER DATA - PART 1						Declaration Number: _____		
The Shipping Container is the outermost element of a shipping package and is also known as the "outer confinement" package.								
Is packaging information you are providing in the table below based on <b>actual</b> or <b>proposed</b> packaging?					Actual packaging that meets or exceeds shipping requirements			
					Approximate date (mo/yr) material was packaged		Proposed packaging that meets or exceeds shipping requirements	
				Approximate date (mo/yr) material will be packaged				
Shipping Container Data - Part 1								
	Shipping Container Serial/ID Number			Shipping Container Security Seal/TID Number	Shipping Container Size (e.g., 55-gal)	Shipping Container Construction Material (e.g. stainless steel)	Type Packing Material used within the Shipping Container (e.g. celotex)	Gross Weight (Shipping Container + Contents) (Indicate unit of measure)
		Total number of shipping containers on this page				Total gross weight on this page		
		Total number of shipping containers on all pages of Shipping Container Data - Part 1 Forms thru Page [1]				Total gross weight on all pages of Shipping Container Data Part - 1 Forms thru Page[1]		

SHIPPING CONTAINER DATA - PART 2						Declaration Number: _____			
Shipping Container Data - Part 2									
Shipping Container Serial/ID Number  (from Part - 1)						Removable Surface Contamination on the Shipping Container (Alpha) dpm/100cm <sup>2</sup>	Removable Surface Contamination on the Shipping Container (Beta-Gamma) dpm/100cm <sup>2</sup>	Gamma Exposure @ 1 foot from Outer Surface of the Shipping Container (mR/hr)	Deep Dose (gamma + neutron @ 1 foot from the Shipping Container) (mrem/hr)
*not to exceed 500 grams per CV in ES-3100									
Shipping Container Data - Part 2 Form									

<b>INNER (PRIMARY) CONTAINER DATA - PART 1</b>						Declaration Number: _____			
<p>The inner (primary) container is a stand-alone container that houses the material item(s). The inner (primary) container can be removed from the shipping container and must have an NMC&amp;A approved TID attached. The inner (primary) container may be a stainless steel paint can, crimp-sealed can, specifically designed container, etc. The inner (primary) container may also house additional convenience packaging such as single or multiple polybottles, plastic bags, etc. that contain the actual material item(s). The gross, tare, and net weights will be established for the inner (primary) container. The inner (primary) container is not the same as the inner containment vessel (e.g., 2R).</p>									
Is packaging information you are providing in the table below based on <b>actual</b> or <b>proposed</b> packaging?			Actual packaging that meets or exceeds shipping requirements			Proposed packaging that meets or exceeds shipping requirements			
			Approximate date (mo/yr) material <b>was</b> packaged			Approximate date (mo/yr) material <b>will be</b> packaged			
<b>Inner (Primary) Container Data - Part 1</b>									
Shipping Container Serial/ID Number <small>(from Shipping Container Data - Part 1)</small>	Inner (Primary) Container Serial/ID Number <small>(If applicable)</small>	NMC&A Approved TID Number	Inner (Primary) Container Type <small>(e.g., paint can, crimp-sealed can, etc.)</small>	Inner (Primary) Container Size <small>(e.g., 1-gallon, 2-liter, etc.)</small>	Inner (Primary) Container Construction Material <small>(e.g., stainless steel, etc.)</small>	Type of Lid Closure on Inner (Primary) Container <small>(e.g., screw-cap, paint lid, pressed, crimped, etc.)</small>	Outer Diameter of Inner (Primary) Container <small>(inches)</small>	Overall Height of Inner (Primary) Container <small>(inches)</small>	Packing Material within Inner (Primary) Container <small>(if applicable)</small>
		Total number of inner (primary) containers on this page							
		Total number of inner (primary) containers thru Page [1] of Inner Container Data - Part 1 Forms							
Inner (Primary) Container - Part 1 Form									

INNER (PRIMARY) CONTAINER DATA - PART 2						Declaration Number: _____		
Inner (Primary) Container Data - Part 2								
Shipping Container Serial/ID Number (from Shipping Container Data - Part 1)	Inner (Primary) Container Serial/ID Number (from Inner Container Data - Part -1, if applicable)	Gross Weight of Inner (Primary) Container (grams)	Tare Weight of Inner (Primary) Container (grams)	Net Weight of Inner (Primary) Container (grams)	Removable Surface Contamination on the Inner (Primary) Container (Alpha) dpm/100cm <sup>2</sup>	Removable Surface Contamination on the Inner (Primary) Container (Beta-Gamma) dpm/100cm <sup>2</sup>	Gamma Exposure @ 1 foot from Outer Surface of Inner (Primary) Container (mR/hr)	Deep Dose (gamma + neutron @ 1 foot from Inner (Primary) Container) (mrem/hr)
<b>Total weights on this page:</b>								
<b>Total weights from all pages of Inner Container Data - Part 2 thru Page [1]</b>								

Inner Container Data - Part 2 Form

[illegible]

INNER (PRIMARY) CONTAINER DATA - PART 2						Declaration Number: _____		
Inner (Primary) Container Data - Part 2								
Shipping Container Serial/ID Number (from Shipping Container Data - Part 1)	Inner (Primary) Container Serial/ID Number (from Inner Container Data - Part -1, if applicable)	Gross Weight of Inner (Primary) Container (grams)	Tare Weight of Inner (Primary) Container (grams)	Net Weight of Inner (Primary) Container (grams)	Removable Surface Contamination on the Inner (Primary) Container (Alpha) dpm/100cm <sup>2</sup>	Removable Surface Contamination on the Inner (Primary) Container (Beta-Gamma) dpm/100cm <sup>2</sup>	Gamma Exposure @ 1 foot from Outer Surface of Inner (Primary) Container (mR/hr)	Deep Dose (gamma + neutron @ 1 foot from Inner (Primary) Container) (mrem/hr)

<b>Total weights on this page:</b>				
<b>Total weights from all pages of Inner Container Data - Part 2 thru Page [1]</b>				

Inner Container Data - Part 2 Form

INNER (PRIMARY) CONTAINER DATA - PART 2						Declaration Number: _____		
Inner (Primary) Container Data - Part 2								
Shipping Container Serial/ID Number (from Shipping Container Data - Part 1)	Inner (Primary) Container Serial/ID Number (from Inner Container Data - Part -1, if applicable)	Gross Weight of Inner (Primary) Container (grams)	Tare Weight of Inner (Primary) Container (grams)	Net Weight of Inner (Primary) Container (grams)	Removable Surface Contamination on the Inner (Primary) Container (Alpha)  dpm/100cm <sup>2</sup>	Removable Surface Contamination on the Inner (Primary) Container (Beta-Gamma)  dpm/100cm <sup>2</sup>	Gamma Exposure @ 1 foot from Outer Surface of Inner (Primary) Container (mR/hr)	Deep Dose (gamma + neutron @ 1 foot from Inner (Primary) Container) (mrem/hr)
Total weights on this page:								
Total weights from all pages of Inner Container Data - Part 2 thru Page [1]								

Inner Container Data - Part 2 Form

[illegible]

## MATERIAL DATA - PART 1

**Declaration Number:**

Material data applies to the actual item(s) being shipped.

Material Data - Part 1									
Shipping Container Serial/ID Number (from Shipping Container Data - Part 1)	Inner (Primary) Container Serial/ID Number (from Inner Container Data - Part 1, if applicable)	Material Item ID Number	Material Description*	Foreign Obligations (EURATOM etc...)	Net Weight of Material (grams)				
Total on this page:									
Total thru Page [1] of Material Data - Part 1 Forms:									

\* Attach description of composition (lab analysis) if isotopes of uranium other than U-235 (U-232, U-233, U-234, U-236, or U-238) or elements other than uranium are present; e.g., alloyed metal, radionuclides (other than uranium and daughters in secular equilibrium), impurities, etc.; Provide description of matrix for mixtures.

## Material Data - Part 1 Form

## MATERIAL DATA - PART 2

**Declaration Number:**

## Material Data - Part 2

[illegible]

## Material Data - Part 2 Form



**IRRADIATION QUESTIONNAIRE AND  
CONCURRENCE STATEMENT**

Declaration Number: \_\_\_\_\_

**Has the material in the Declaration been subjected to irradiation in a nuclear reactor or accelerator?**

☐

No Go to Section I

☐

Yes Go to Section II

**SECTION I**

***I concur that the material described in this declaration is not irradiated and has no known contaminants resulting in discrete quantities of fission products or transuranic elements.***

Shipping Site Representative Printed Name: \_\_\_\_\_

Shipping Site Representative Signature:   X  

Date: \_\_\_\_\_

**SECTION II**

**If the material is irradiated or slightly irradiated, please complete the following questions.**

When was the material **first** irradiated or made critical or subcritical? \_\_\_\_\_

How long did the material remain in this condition? \_\_\_\_\_

When was it **last** irradiated or made critical or subcritical? \_\_\_\_\_

How long did the material remain in this condition? \_\_\_\_\_

What was the neutron flux to which the material in question was subjected? \_\_\_\_\_

For how long? \_\_\_\_\_

For **solids**, what is the removable, alpha surface activity in dpm/100 cm<sup>2</sup> for each item:

a. attributed to transuranics (e.g., neptunium, plutonium, americium) \_\_\_\_\_

b. attributed to uranium \_\_\_\_\_

What is the alpha activity in curies per gram or multiples thereof for each alpha-emitting radionuclide? (Uranium alpha activity may be combined to yield a total uranium value with the exception of U-232 and U-233. Values for U-232 or U-233 should be included separately.)

What is the beta activity in curies per gram or multiples thereof for each beta emitting radionuclide? (Uranium daughter beta activity may be combined to yield a total uranium value.)

What is the gamma activity in curies per gram or multiples thereof for each gamma emitting radionuclide?

What is the source of information/documentation for compiling your responses to the questions on this form?

***I concur that the information provided above regarding irradiated or slightly irradiated material is correct.***

Shipping Site Representative Printed Name: \_\_\_\_\_

Shipping Site Representative Signature:   X  

Date: \_\_\_\_\_

Irradiation Questionnaire and Concurrence Form

**Y- 12 NATIONAL SECURITY COMPLEX**  
**NON-RCRA CERTIFICATION STATEMENT**

"We certify according to process knowledge or through analytical determination that the contents of the containers described in Declaration Request \_\_\_\_\_ **do not** contain Resource Conservation and Recovery Act (RCRA) Hazardous Waste as identified in 40 CFR 261.3."

**Shipping Site Name:**

\_\_\_\_\_

**Shipping Site Representative Printed Name:**

\_\_\_\_\_

**Shipping Site Representative Signature:**

\_\_\_\_\_X\_\_\_\_\_

\_\_\_\_\_

**Date of Signature:**

\_\_\_\_\_

**Non-RCRA Certification Statement Form**