

~~SECRET RESTRICTED DATA~~

Attachment 4

**(U) DECLASSIFICATION DETERMINATION**

I have determined, pursuant to section 142c of the Atomic Energy Act of 1954, that the following information can be published without undue risk to the common defense and security of the United States, and can, therefore, be declassified and removed from the category of Restricted Data:

1. That a thermonuclear initiator is an initiator that produces neutrons by TN reactions
2. That the United States has explored initiators that produce neutrons with TN reactions
3. That the United States explored TN initiators (no elaboration)

MB Moury                      8/19/14  
 \_\_\_\_\_ Date

Matthew Moury  
 Acting Associate Under Secretary  
 Office of Environment, Health, Safety and Security

DEPARTMENT OF ENERGY DECLASSIFICATION REVIEW	
1 <sup>st</sup> Review Date: 9/2/2014	DETERMINATION (CLASS NUMBER) <u>U</u>
Authority: <input checked="" type="checkbox"/> AC <input type="checkbox"/> DD	1. CLASSIFICATION RETAINED
Name: Rich Lyons	2. CLASSIFICATION CHANGED TO:
2 <sup>nd</sup> Review Date: 9/2/2014	3. CONTAINS INFO DECLASSIFIED BY:
Authority: DD	4. COORDINATE WITH:
Name: Johnnie Grant	5. CLASSIFICATION CANCELED
	6. CLASSIFIED INFO BRACKETED
	7. OTHER (SPECIFY):

~~RESTRICTED DATA~~  
 This document contains Restricted Data as defined in the Atomic Energy Act of 1954, as amended. Unauthorized disclosure subject to Administrative and Criminal Sanctions.

Classified By: ~~Johnnie Grant, DOE, HR-10, IS-62~~  
 Derived From: ~~TCG, RI-2, 7/20/2010, DOE-OC~~

~~SECRET~~