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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:

- Fact that approximately 25MT of Highly Enriched Uranium will be made available for down blending to Low Enriched Uranium and allocated to the Tennessee Valley Authority for use in the production of Tritium.
- Fact that up to 25 MT of Highly Enriched Uranium may come from the National Security inventory.
- Fact that approximately 1.6 MT of Highly Enriched Uranium will come from the 2005 excess material declaration or from other surplus materials.
- The isotopic make-up of the material identified for down-blend in the National Security inventory.
- The net weight, elemental form, elemental weight, isotopic weight, average assay, oxide type, and/or any breakdown of these categories of the material identified for down-blend in the National Security inventory.

Andrew C. Lawrence 10/19/17  
 Andrew C. Lawrence Date  
 Acting Associate Under Secretary for  
 Environment, Health, Safety and Security

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May be exempt from public release under the Freedom of Information Act (5 U.S.C. 552), exemption number and Category: Exemption 5, Privileged Information  
Department of Energy Review required before public release.  
Name/Org: Kyle Fowler, NA-195 Date: 3/29/18  
Guidance (if applicable): N/A

DOES NOT CONTAIN  
 OFFICIAL USE ONLY INFORMATION  
 Name/Org.: Charles Lukis, MA-46 Date: 4/18/2018

DEPARTMENT OF ENERGY DECLASSIFICATION REVIEW	
1 <sup>st</sup> Review Date: <u>3/26/18</u>	DETERMINATION (CIRCLE NUMBER(S))
Authority: <input type="checkbox"/> DC <input checked="" type="checkbox"/> DD	1. CLASSIFICATION RETAINED
Name: <u>Troy O'Baker</u>	2. CLASSIFICATION CHANGED TO: _____
2 <sup>nd</sup> Review Date: <u>3/26/18</u>	3. CONTAINS NO DOE CLASSIFIED INFO
Authority: <u>DD</u>	4. COORDINATE WITH: _____
Name: <u>Tom Callander</u>	<input checked="" type="checkbox"/> 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 is subject to Administrative and Criminal Sanctions.

Classified by: Troy O'Baker, Physical Scientist, DOE, AU-62  
Derived from: CG-NMP-2, 9/2003, DOE OC

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