

Excerpt below from an

Refinement Study Y-AES-K-00002

Revision 0, September 29, 2009

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APPENDIX K – USE OF F/H LABORATORY STRATEGY

Safeguards and Security

Currently, F/H Laboratory operates as a Category IV security facility, and is part of the F-Area Property Protection Area. The laboratory anticipates needing to transition from Category IV to Category III based on anticipated new mission scope including, but not necessarily limited to, the KAC Combination Project.

The evaluation concluded that, given the current inventory in F/H Laboratory, the lab could accept up to 700 grams from the KAC Combination Project and an additional 1100 grams of plutonium oxide (equivalent) from future new missions, and remain a Category III facility. The evaluation of rollup from a Category III quantity of SNM to a Category II quantity within F/H Laboratory was determined not to be credible, based on the anticipated configuration and dispersion of material.