

DRAFT
Request for Supplemental Information
Washington TRU Solutions LLC
Docket Nos. 71-9218 and 9279
Model Nos. TRUPACT-II and HalfPACT

THERMAL EVALUATION

Provide the “Criticality Control Overpack Thermal Analysis, CCO-CAL-0003, Rev. 1” thermal calculation package that is referenced in Appendix 4.6 of CH-TRU Payload Appendices, Rev. 3, dated April 2012.

Page 4.6-20 of Appendix 4.6 from the CH-TRU Payload Appendices states that the CCO-CAL-0003 thermal calculation package provides details of thermal models, material properties, boundary conditions, etc. Staff did not identify this calculation package within the information submitted for review.

This information is needed to determine compliance with 10 CFR 71.43, 71.71, and 71.73.

SHIELDING EVALUATION

Provide reference utilized to justify use of the concentrated neutron source in the analysis.

Section 5.2.2 of the TRUPACT-II Safety Analysis Report specifies the concentrated neutron source used to evaluate the TRUPACT-II and HalfPACT payloads was determined using the SOURCES-4A² computer program as documented in a referenced report. Staff did not identify the referenced report, “Packaging Technology, Inc., Neutron Source Rates for TRU Waste, ED-042, Tacoma, WA, November 2000” within the information submitted for review.

This information is required to determine compliance with 10 CFR 71.47.