

**Suggested changes to reference CoC in accordance with DOE amendment request, SAR Revision 15**

All of the suggested changes occur in CoC section 5.(b)(1).

1. Retain the following paragraphs without change:

- Unirradiated Mark IV, V, VI, and VII ATR fuel elements
- Unirradiated ATR U-Mo fuel elements
- Unirradiated MIT fuel element
- Unirradiated MURR fuel element
- COBRA fuel element
- Mark IV, V, VI, and VII ATR loose fuel plates

2. Revise the Small Quantity Payloads paragraph to read as follows:

Small Quantity Payloads where the maximum mass of U-235 is 400 grams and maximum U-235 enrichment is 94 weight percent. The Small Quantity Payload must be in the form of unirradiated foils, fuel plates or fuel elements and miscellaneous non-fueled associated components. The Small Quantity Payload must not include beryllium, carbon, deuterium, or materials with a hydrogen density greater than that of water, except as specified in 6. The Small Quantity Payload must be contained within the Small Quantity Payload Fuel Handling Enclosure, as specified in 5.(a)(3), except the RINSC fuel element must be contained within the RINSC Fuel Handling Enclosure, as specified in 5.(a)(3). Aluminum plates, shapes, and sheets, miscellaneous steel or aluminum fasteners, and cellulosic material such as cardboard may be used as dunnage to fill gaps between the small quantity payloads and the small quantity FHE. Loose plates may be separated by kraft paper and taped or wire tied together. Dunnage shall be used to limit motion of the small quantity payload within the FHE to 1/4" or less. 1/8" neoprene strips may be used between the small quantity FHE and small quantity payloads and/or between the optional aluminum dunnage and the small quantity payload. The 1/8" neoprene strips shall not be stacked in more than two layers between the small quantity payload and any interior face of the small quantity FHE.

3. Delete the following paragraphs:

- Unirradiated RINSC fuel element
- Unirradiated GRR-1 fuel element
- AFIP fuel element
- U-Mo Foils
- DDEs and similar test elements
- MIT and MURR loose fuel element plates
- Paragraph beginning: "The approximate mass of U-235 per each MURR fuel plate ..."
- COBRA loose fuel element plates

(end)