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To: Gary_Hirsch @ nacintl.com @ internet
cc: p.frauenberger @ iaea.org @ internet (bcc: Gary Hirsch/NAC_Intl)
Subject: re:Blending Activities

Gary,

It has taken me a while to get around to your question about blending activities.

Code 10 does not provide for the reporting of blending material within the same element category. In the case you mention, all material is enriched uranium, so there would not be any accounting report necessary. In the event the material changed category, for example from enriched to depleted, then there is a provision for reporting the decrease in the enriched account and the corresponding increase in the depleted account (reported as an inventory change ED in an ICR).

The IAEA Inspectorate keeps separate track of high and low enriched uranium (any enrichment greater than natural) and for the Agency, high enriched is considered to be greater than or equal to 20% (your e-mail said 4%). However, the nuclear material accounting reports do not differentiate between high and low enrichment. In the event there is a specific need for the Agency to have reports indicate the down-blending as you mentioned, then a specific accounting/reporting procedure would have to be established.

Let me know if you have any more comments on this - John

B/LB