

June 24, 2013

U.S. Nuclear Regulatory Commission
Region III
2443 Warrenville Road, Suite 210
Lisle, IL 60532-4352

Subject: Request for Additional Information

Dear Ms. Forster,

I'd like to address your questions discussed earlier today.

First, the table included in NASA Glenn Research Center's (GRC) May 15, 2013 letter erroneously identified the third row as "MaW" sample type. The correct value should have been "MaS" as shown below.

SAMPLE TYPE	Americium-241	Cobalt-57	Cobalt-60	Cesium-134	Cesium-137	Hydrogen-3	Iron-55	Manganese-54	Nickel-63	Potassium-40	Plutonium-238	Plutonium-239	Strontium-90	Technetium-99	Uranium-234	Uranium-238	Zinc-65
MaW	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
MaS	X	X	X	X	X	-	X	X	X	X	X	X	X	X	X	X	X
RdF	X	X	X	X	X	-	-	X	-	X	X	X	X	-	X	X	X
Max Activity (nCi) from MAPEP samples	47	1389	1389	1389	1389	432	1125	1389	1125	1384	47	47	175	173	47	47	1389

Second, a fifth row has been added to this table to represent NASA's requested activity possession limit for the MAPEP samples we may obtain. The listing is provided in the units of nanoCuries (nCi) for each possible isotope the samples may contain. The values listed are thought to be highly conservative and are based upon the DOE's stated activity range for these samples and the assumption that NASA GRC will participating in no more than 16 rounds of the MAPEP. You may find additional information about the MAPEP samples at the DOE website: <http://www.id.energy.gov/resl/mapep/mapep.html>.

Should you have questions or require additional information, you may contact me at (216) 433-6520.

Sincerely,



Christopher J. Blasio
Radiation Safety Officer
NASA John H. Glenn Research Center
21000 Brookpark Road
Mailstop 6-4
Cleveland, Ohio 44135

Forster, Sara

From: Blasio, Christopher J. (GRC-QSH0) <christopher.j.blasio@nasa.gov>
Sent: Monday, June 24, 2013 9:14 AM
To: Forster, Sara
Subject: NASA GRC RAI
Attachments: Request for Additional Information_24Jun13.pdf

Hello Sara,

Attached find the signed letter with the information discussed previously.

R/

Chris Blasio

Chris Blasio, CHP, CIH
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