

National Aeronautics and
Space Administration
John H. Glenn Research Center
Lewis Field
Cleveland, OH 44135-3191



May 11, 2010

Reply to Attn of: QS

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

Subject: License #34-00507-16, Docket #030-05626

First, we request that the commission correct a couple of clerical errors in our NRC Form 374. As currently written,

“9. Authorized Use:

- A. For research and development as described in 10 CFR 30.4, and for storage only of cyclotron-activated equipment and infrastructure associated with the shutdown of the licensee’s cyclotron facility
- B. through J. For research and development as described in 10 CFR 30.4
- K. Possession and storage only with intent to dispose”

We request that this be changed to read:

“9. Authorized Use:

- B. For research and development as described in 10 CFR 30.4, and for storage only of cyclotron-activated equipment and infrastructure associated with the shutdown of the licensee’s cyclotron facility
- A. and C. through J. For research and development as described in 10 CFR 30.4
- K. Possession and storage only with intent to dispose”

We also request that Condition 19 “The licensee shall continue to take all actions within its ability to dispose of material listed in sub-item 6.O and notify the U.S. Nuclear Regulatory Commission within 30 days when disposal is achieved” be removed from our license. The authorization to possess sub-item 6.O was removed from our license in Amendment 41.


We would like to expand our authorized activities to include tasks necessary to perform the radiological characterization of radiologically impacted areas as well as related assessment and clearance surveys (e.g. Final Status Survey). These activities would include the sampling of structural materials, equipment and components, the removal of interference to support

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such sampling and surveys, and the analysis of the collected samples. This work will be performed using internally-approved work control documents. As currently written in our Form 374, this additional "Authorized Use" would be associated with sub-item 6.B, which includes the components and structure of the cyclotron facility at Lewis Field.

In concert with the previous paragraph, we also request that Condition #10, "Licensed material may be used and stored at John H. Glenn Research Center at Lewis Field, 21000 Brookpark Road, Cleveland, Ohio" be modified to read "Licensed material may be used and stored at the John H. Glenn Research Center facilities at Lewis Field, 21000 Brookpark Road, Cleveland, Ohio and at Plum Brook Station, 6100 Columbus Avenue, Sandusky, Ohio." This change will enable us to take cyclotron characterization samples (i.e. byproduct material) collected at our Lewis Field facility and have them analyzed at the radiological laboratory located at our Plum Brook Station location.

Should you have questions or require additional information, you may contact Mr. Chris Blasio, Radiation Safety Officer at (216) 433-6520.


Manuel B. Dominguez
Chief Institutional Safety Officer

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National Aeronautics and
Space Administration
**John H. Glenn Research Center
Lewis Field**



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**RETURN RECEIPT
REQUESTED**

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