



October 5, 2023

Division of Nuclear Materials Safety
U.S. NRC Region I
2100 Renaissance Road
King of Prussia, PA 19406

RE: Additional Information for amendment request for Radioactive Material license No. 34-32780-02, Cardinal Health 414, LLC, East Hartford, CT.

Licensing:

Cardinal Health 414, LLC (Nuclear & Precision Health Solutions and PET Manufacturing Services, hereafter Cardinal Health) provides this letter in response to an emailed request for additional information regarding the amendment request letter dated August 15, 2023 for the above referenced radioactive materials license.

1. Cardinal Health requests that the adjustment to items 6-8.F. on this license's list of authorized radioactive materials be updated as follows to match the current phrasing on the license and to update the maximum quantities only. For additional clarification, requesting decay-in-storage was intended only to allow for the disposal of analytical samples and reference standards via DIS, not to request that the facility be authorized to receive waste materials for DIS. Because condition 17 of the license covers DIS, that portion of the previous request has been removed.

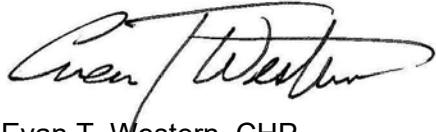
Nuclide	Maximum Quantity	Authorized Use
Any radionuclide with atomic numbers 1 through 83, inclusive, with half-life less than 120 days	No more than 250 mCi per nuclide and 1 Ci total	For use as calibration and/or reference standards; for use in calibration and checking of the licensee's instruments and analytical testing.

2. In the August 15, 2023 letter, Cardinal Health requested the addition of Cu-64, Ga-68, and Zr-89 to this license. These materials are intended to be produced on the facility's cyclotrons and manufactured into a radiochemical form for distribution to licensed recipients. Please revise the requested authorized use to match the use for other cyclotron-generated materials as described in condition 9(A) of the license. Research & development involving these materials and their production processes will not take place at this facility.

If you have any questions regarding this request, please contact me at 614.553.4555.

October 5, 2023

Sincerely,

A handwritten signature in black ink, appearing to read "Evan T. Western". The signature is fluid and cursive, with a large, sweeping flourish at the end.

Evan T. Western, CHP
Manager, Health Physics
Nuclear & Precision Health Solutions

cc: Arshad Mehmood, MRSO, Loc. 5869
Thomas Ward
License File 5869 (3)