U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES

Public Health Service

Centers for Disease Control
and Prevention (CDC)
Atlanta GA 30329-4027

DATE: February 24, 2023

TO: Betsy Ullrich, Senior Health Physicist
Mail Control No. 617658
U.S. Nuclear Regulatory Commission, Region I
Division of Nuclear Materials Safety
2100 Renaissance Boulevard, Suite 100
King of Prussia, PA 19406

FROM: Director, Office of Laboratory Safety; Office of Laboratory Science and Safety

SUBJECT: U.S. DEPARTMENT OF HEALTH & HUMAN SERVICES, CENTERS FOR DISEASE CONTROL & PREVENTION, REQUEST FOR ADDITIONAL INFORMATION, MAIL CONTROL NO. 633497

1. **RESPONSE**: The Centers for Disease Control & Prevention (CDC) do not wish to authorize the irradiators currently authorized under our specific License No. 10-06772-02 on our broad scope License No. 10-06772-01.

2. **RESPONSE**: Pursuant to 10 CFR 30.35(g), we will maintain records important to decommissioning and transfer these records to an NRC or Agreement State licensee before licensed activities are transferred or assigned in accordance with 10 CFR 30.31(b). Furthermore, pursuant to 10 CFR 30.51(f), prior to license termination, we will forward the records required by 10 CFR 30.35(g) to the appropriate NRC Regional Office.

3. **RESPOSNE**: The CDC confirms that before using licensed materials, authorized users will receive training described in Appendix F, NUREG-1556, Vol. 5, Rev. 1, which addresses security requirements, regulations, and reporting requirements.

4. **RESPONSE**: The CDC confirms that we will conduct electrical and mechanical safety interlock checks of each irradiator at least quarterly, in accordance with the irradiator's user's manual. The CDC will maintain documentation of the use of all non-original equipment manufacturer (OEM) replacement parts and components. If OEM replacement parts cannot be used for the shielding of any sealed sources, the driving unit of any sources, safety interlocks, or other electrical or mechanical component that could expose the source, reduce the shielding around the source (s), or compromise the radiation safety of the device or any sources, we will obtain and document NRC approval before beginning the nonroutine maintenance activity. In addition, if a service provider plans to remove any aspect of the Global Threat Reduction Initiative irradiator-hardening hardware, we will discuss this matter with the NRC before allowing this service to be initiated.

5. **RESPONSE**: The CDC confirms that we will comply with the National Source Tracking System (NSTS) reporting requirement described in 10 CFR 20.2207.

6. **RESPONSE**: The CDC confirms that personnel dosimeters that require processing are supplied and evaluated by a NVLAP approved processor.

7. Please refer to the enclosed documents in support of this response. If you have questions or need additional information regarding this response, please contact Dr. Eric Jones at (470) 963-5925 (work cell) or tuz6@cdc.gov (email).

Brandon L. Hatcher -S

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Date: 2023.02.24 07:54:10 -05'00'

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Enclosures:

1) CDC_Gammcell_Renewal_Application_20220907