



March 12, 2021

Director, Office of Nuclear Materials Safety and Safeguards  
U.S. Nuclear Regulatory Commission  
One White Flint North  
11555 Rockville Pike  
Rockville, MD 20852

ATTN: T.D. Naquin, Program Manager, License No. SNM-362 (Docket No. 7000398)

Dear Mr. Naquin:

The purpose of this amendment request for the SNM-362 license is to seek authorization to relocate the Hopewell Designs G150 irradiator owned by NIST from the B-wing of building 245 to the H-wing of building 245 where the unit will be installed and to perform acceptance testing to consider the converted teletherapy head irradiator facility commissioned. All construction activities are complete, and the facility has functional safety and security systems.

NIST followed the guidance in NUREG 1556 Volume 6, Rev. 1 “Program-Specific Guidance About 10 CFR Part 36 Irradiator Licenses” to prepare the amendment request. Specifically, by following Appendix C “Suggested Format for Providing Information Requested in Items 5 Through 11 of U.S. Nuclear Regulatory Commission Form 313”. In the attached document NIST provides detailed description for Items 5 through 11. The NIST Ionizing Radiation Safety Committee has reviewed this request for completeness and accuracy.

Please contact Manny Mejias at 301-975-5022 or [manny.mejias@nist.gov](mailto:manny.mejias@nist.gov) if you have any questions concerning this request.

Sincerely,  
Mackey, Elizabeth A.  
Dr. (Fed)

Digitally signed by Mackey,  
Elizabeth A. Dr. (Fed)  
Date: 2021.03.12 17:57:57 -05'00'

Elizabeth A. Mackey  
NIST Chief Safety Officer  
Director, Office of Safety, Health and Environment  
Executive Management Representative, NIST Ionizing Radiation Safety Committee

Enclosure 1: NRC license amendment request Part 36 facility enclosure 1 03-12-2021

cc: Alan Thompson, Chair, NIST IRSC  
Manuel Mejias, Chief, Gaithersburg Radiation Safety Division  
Michael Reichard, Senior Health Physicist, US NRC Region I