



UNITED STATES DEPARTMENT OF COMMERCE
National Institute of Standards and Technology
Gaithersburg, Maryland 20899-

October 31, 2013

T.D. Naquin
U.S. Nuclear Regulatory Commission
NMSS/FCSS/FMB
Three White Flint North
Mailstop 13A44M
11601 Landsdown Street
North Bethesda, MD 20852

Subject: Amendment Request to License # SNM-362

Dear Mr. Naquin:

The purpose of this letter is to request (a) two license amendments concerning 10 CFR 36.61 requirements, and (b) administrative corrections to items 6D and 6E of the NRC Form 374 issued on September 9, 2013.

The license does not currently specify the frequency of applicable inspection and maintenance checks in accordance with 10 CFR 36.61 requirements. As you suggested, we request that you amend our license to reflect that NIST shall perform the applicable inspection and maintenance checks on an annual basis with the exception of performing daily checks for 10 CFR 36.61(a)(1, 2, 6) and 10 CFR 36.23 (b,c,d) when the irradiator is operated during that day.

Regarding the administrative corrections to items 6D and 6E of the NRC Form 374, we request that you amend our license to reflect the changes to NRC Form 374 in the table below.

Form 374 p.1, Section 8.D.1.	Change from "150 kilograms" to "9 kilograms"
Form 374 p.1, Section 8.D.2.	Change from "9 kilograms" to "150 kilograms"
Form 374 p.1, Section 8.E.1.	Change from "42 kilograms" to "4 kilograms"
Form 374 p.1, Section 8.E.2.	Change from "4 kilograms" to "42 kilograms"

Sincerely,

Richard F. Kayser
Chief Safety Officer