



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

June 24, 2010

U.S. Nuclear Regulatory Commission  
Mail Stop: EBB E2 C40  
11545 Rockville Pike  
North Bethesda, MD 20852-2738

Attn: Mary Adams  
Fuel Facility Licensing Directorate  
Division of Fuel Cycle Safety and Safeguards  
Office of Nuclear Materials Safety and Safeguards

Dear Ms. Adams,

The purpose of this letter is to transmit the revision to our SNM-362 license renewal application. As discussed in previous telephone conversations between you and the NIST Gaithersburg Radiation Safety Officer, Mr. Thomas O'Brien, NIST intends for this submission to replace the previous renewal application in its entirety. Mr. O'Brien has provided you with an electronic copy of the revision highlighting the areas where significant changes to the previous renewal application were made. These include changes related to organizational structure, the addition of radionuclides, and some re-formatting to more closely follow the outline provided in NUREG 1556, Volume 11.

We are also enclosing our updated Decontamination and Decommissioning Cost Estimate, dated April 2010, and our response to the Request for Additional Information (RAI) identified in your February 18, 2010 email to Mr. O'Brien concerning the NIST Decommissioning Funding Analysis. Finally, as requested in your March 15, 2010 email to Mr. O'Brien, NIST discussed its response to the RAI with the NRC's decommissioning cost estimate and financial assurance expert, Mr. Kenneth Kline.

Please direct any questions to Mr. O'Brien via telephone at 301-975-5800 or electronic mail at [thomas.obrien@nist.gov](mailto:thomas.obrien@nist.gov).

Sincerely,

Richard F. Kayser  
Special Assistant for Environment, Safety, and Health

Enclosures

cc: Thomas O'Brien

**NIST**