



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

May 18, 2016

ATTN: Document Control Desk  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555-0001

Subject: Non-availability of fuel and funding to convert NBSR from HEU to LEU in 2016

Ref: NBSR Facility License TR-5, Docket 50-184

Sirs:

The NBSR facility is expected to convert from highly enriched uranium (HEU) to low enriched uranium (LEU) fuel in accordance with 10 CFR 50.64. At this time, the Department of Energy and the National Nuclear Security Administration (NNSA) have not developed and qualified a replacement LEU fuel acceptable to the Commission and funds for such a conversion are not available. The current LEU fuel development schedule released by NNSA proposes to convert the NBSR no earlier than 2025. Please contact me if you have any questions.

Sincerely,

Thomas H. Newton  
Deputy Director and  
Chief Reactor Operations and Engineering  
NIST Center for Neutron Research

cc: Xiaosong Yin, NRR/DPR/PRLB

ADZD  
NRR

NIST