



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

December 23, 2021

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

Subject: NBSR License Amendment Request

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

Sirs/Madams:

As indicated in our submittal of October 1, 2021, one of the corrective actions in response to the fuel failure event of February 3, 2021 was to make improvements in the methods of fuel element latch verification. Accordingly, we are requesting a license amendment to modify NBSR Technical Specification 3.9.2.1 to require both rotation checks and visual checks of the fuel element latch. The proposed changes are enclosed. If you have any questions, please contact Thomas Newton, NCNR Deputy Director.

Respectfully,

Robert Dimeo  
Director

**I declare under penalty of perjury that the foregoing is true and correct.**

**Executed on December 23, 2021**

Enclosures: Finding of No Significant Hazard  
Proposed Changes to Technical Specification 3.9.2.1  
Description of tests

Cc: Susan T. Gray, Program Manager  
Power Plant Assessment Division  
Maryland Department of Natural Resources  
580 Taylor Avenue (B wing, 3<sup>rd</sup> floor)  
Tawes State Office Building, B3  
Annapolis, MD 21401

**NIST**