

US Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Washington, DC 20555-0001

17 May 2016

To Whom It May Concern:

This letter is in response to NRC Generic Letter 2016-01: Monitoring of Neutron-Absorbing Materials in Spent Fuel Pools.

The Kansas State University TRIGA Mk-II research reactor facility, Docket # 50-188, does not utilize neutron absorbing materials in any fuel storage locations. Such materials are also not credited in our Safety Analysis Report. For this reason degradation of neutron absorbing materials, such as might be used for the purposes of criticality safety at some other nuclear facilities, are not of concern to this facility.

The specific response to the three questions asked in Generic Letter 2016-01 are as follows:

- (1) *Are neutron-absorbing materials used in a reactor pool, fuel storage pool, or other wet locations designed for the storage of reactor or spent fuel?*

No, no neutron-absorbing materials are used in any fuel storage locations at this facility.


- (2) *If neutron-absorbing materials are used, is their use credited in the licensing or design basis (i.e., criticality safety analysis) for the storage of reactor fuel or spent fuel in a reactor pool, fuel storage pool, or other wet locations, as applicable?*

Not applicable, see response to (1).

- (3) *If neutron-absorbing materials are credited in the facility licensing or design basis for the storage of reactor or spent fuel in a reactor pool, fuel storage pool, or other wet locations, as applicable, then provide a description of, and technical basis for, any surveillance or monitoring programs used to confirm continued acceptable performance of the neutron-absorbing materials over time.*

No neutron absorbing materials are credited in the facility licensing or design basis for the storage of reactor or spent fuel in a reactor pool, fuel storage pool, or other wet locations.

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

  
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