



The Dow Chemical Company  
Midland, Michigan 48667

June 13, 2016

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

**Subject:** The Dow TRIGA Research Reactor (DTRR) - License No. R-108; Docket No. 50-264; Response to NRC GENERIC LETTER 2016-01: MONITORING OF NEUTRON-ABSORBING MATERIALS IN SPENT FUEL POOLS (ML16097A169)

**Q(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?

**DTRR Response:** The Dow TRIGA Research Reactor does not use neutron-absorbing materials in storage pools or wet locations.

**Q(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?

**DTRR Response:** Not Applicable.

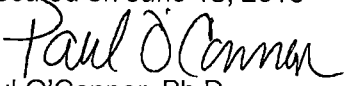
**Q(3):** If neutron-absorbing materials are credited in the facility licensing or design basis for the storage of reactor or spent fuel in a reactor pool, fuel storage pool, or other wet locations, as applicable, then provide a description of, and technical basis for, any surveillance or monitoring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

**DTRR Response:** Not Applicable.

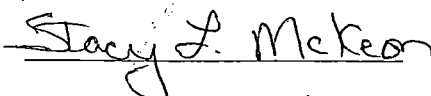
Should you have any questions or need additional information, please contact the Facility Director, Paul O'Connor, at 989-638-6185.

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

Executed on June 13, 2016

  
Paul O'Connor, Ph.D.  
Facility Director  
Dow TRIGA Research Reactor

Subscribed and sworn to before me this 13<sup>th</sup> day of June, 2016



Notary Public: Midland County, Michigan. My Commission Expires: 6/28/17

cc: Wayde Konze, Toby Threet, Geoffrey Wertz and Siaka Yusuf,

