



**UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001**

AUGUST 18, 2023

Dr. Caleb S. Brooks, Associate Professor
University of Illinois at Urbana-Champaign
Department of Nuclear, Plasma,
and Radiological Engineering
Talbot Laboratory, Room 111C, MC234
104 South Wright St.
Urbana, IL 61801

**SUBJECT: UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN – FUEL QUALIFICATION
METHODOLOGY TOPICAL REPORT WITHDRAWAL REQUEST
ACKNOWLEDGEMENT (EPID L-2022-NFN-0005)**

Dear Dr. Brooks:

By letter dated February 7, 2023 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML23038A241), the University of Illinois Urbana-Champaign (UIUC) submitted Topical Report (TR) "University of Illinois Urbana-Champaign High-Temperature Gas-cooled Research Reactor: Fuel Qualification Methodology" (ML23038A242) to the U.S. Nuclear Regulatory Commission (NRC) for acceptance and review. By email dated March 31, 2023 (ML23088A117), the NRC staff determined that the TR provided sufficient information to begin its technical review. By email dated July 10, 2023 (ML23191A864), the NRC staff indicated it planned to begin a regulatory audit of the TR.

By letter dated July 27, 2023 (ML23208A308), UIUC notified the NRC staff that it is withdrawing its February 7, 2023, TR and that an updated TR would be submitted for the Fuel Qualification Methodology TR.

Therefore, the NRC staff has terminated its review of UIUC's TR dated February 7, 2023. However, information provided to the NRC staff in support of the TR will remain in ADAMS. Also, the NRC staff has terminated the regulatory audit that was initiated for this TR. No activities were conducted under the regulatory audit for this TR prior to the termination of the review; therefore, no audit report will be issued.

Based upon UIUC request for withdrawal of the Fuel Qualification Methodology TR, EPID L-2022-NFN-0005 will be closed. If you have any questions, please contact me at (301) 415-3936, or by email to Patrick.Boyle@nrc.gov.

Sincerely,

Patrick Boyle, Project Manager
Non-Power Production and Utilization Facility
Licensing Branch
Division of Advanced Reactors and Non-Power
Production and Utilization Facilities
Office of Nuclear Reactor Regulation

Project No. 99902094

cc: University of Illinois via GovDelivery

C. Brooks

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