



The Grainger College of Engineering

Department of Nuclear, Plasma, & Radiological Engineering
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104 S. Wright St.
Urbana, IL 61801

July 27, 2023

Docket No.: 99902094

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

Subject: Withdrawal of University of Illinois Topical Report, “University of Illinois Urbana-Champaign High-Temperature Gas-Cooled Research Reactor: Fuel Qualification Methodology,” IMRDD-MMR-23-01-NP, (ML23038A242)

By letter dated February 7, 2023 (ML23038A241), the University of Illinois Urbana-Champaign (UIUC) submitted the 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. Ultra Safe Nuclear Corporation (USNC) has determined the need to revise aspects of the report that are material to the staff’s review to address recent updates to the Micro Modular Reactor™ (MMR™) fuel design. To support an effective and efficient NRC staff review, UIUC respectively withdraws the referenced TR. An update to the TR will be submitted as soon as practical to enable the staff to continue its review. A submittal date of the updated Fuel Qualification Methodology TR will be provided in the coming weeks.

Any questions regarding this letter should be directed to Caleb Brooks at csbrooks@illinois.edu or (217) 265-0519.

I declare under penalty of perjury that the foregoing is true and correct. Executed on July 27, 2023.

Sincerely,

A handwritten signature in black ink, appearing to read 'Caleb Brooks'.

Caleb S. Brooks, Ph.D.
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