



**The Grainger College of Engineering**

Department of Nuclear, Plasma, & Radiological Engineering  
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June 28, 2023

Docket No.: 99902094

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

Subject: Written communication as specified by 10 CFR 50.4 regarding the “University of Illinois at Urbana-Champaign – Approval of the Quality Assurance Program Description Topical Report (EPID No. L-2022-NFN-0004),” dated May 23, 2023

By letter dated October 20, 2022 (ML22320A087), the University of Illinois Urbana-Champaign (UIUC) submitted its Quality Assurance Program Description (QAPD) Topical Report (TR) (ML22320A088) for its proposed non-power reactor to the U.S. Nuclear Regulatory Commission (NRC) staff for its review and approval.

By letter dated January 27, 2023 (ML23023A76), the NRC staff requested additional information and clarification regarding the QAPD TR in the form of four (4) requests for additional information (RAI) and one (1) request for confirmation of information (RCI).

By letter dated February 20, 2023 (ML23053A093), UIUC responded to the NRC staff’s RAI and RCI pertaining to the review of UIUC’s QAPD TR. The response included proposed revisions to the QAPD TR (ML23053A094 and ML23053A095).

By letter dated May 23, 2023 (ML231103A435), the NRC staff concluded that UIUC’s QAPD TR is acceptable, subject to incorporation of changes communicated in the RAI response into the TR. The NRC staff’s final safety evaluation (SE) (ML231103A435) for the TR was also enclosed.

Enclosed is the accepted version of the QAPD TR (Release 02) that incorporates the proposed changes communicated in the RAI response. In addition, the TR incorporates, after the title page, the May 23, 2023 NRC letter and SE and the January 27, 2023 NRC letter and UIUC’s response to the RAI.

The revised and accepted QAPD TR does not contain any commercially sensitive information and can be posted for unrestricted access by the public. Questions or other requests should be directed to Caleb Brooks at [csbrooks@illinois.edu](mailto:csbrooks@illinois.edu) or (217) 265-0519.

I declare under penalty of perjury that the foregoing is true and correct. Executed on June 28, 2023.

Sincerely,

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

Caleb S. Brooks, Ph.D.  
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Enclosures:

1. "University of Illinois at Urbana-Champaign Quality Assurance Program Description Topical Report, Release 02," approved by the NRC on May 23, 2023

Cc:

UIUC

Timothy Grunloh

Les Foyto

Rizwan Uddin

USNC

Daniel Stout

Zackary Rad

Jeffrey Perry

NRC

Adrian Muniz

