



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

May 23, 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 Street
Urbana, IL 61801

SUBJECT: UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN – APPROVAL OF THE
QUALITY ASSURANCE PROGRAM DESCRIPTION TOPICAL REPORT
(EPID NO.: L-2022-NFN-0004)

Dear Dr. Brooks:

By letter dated October 20, 2022 (Agencywide Documents Access and Management System (ADAMS) Package Accession No. ML22320A086), the University of Illinois at Urbana-Champaign (UIUC), submitted its topical report (TR) titled, "Quality Assurance Program Description for the University of Illinois at Urbana-Champaign Research and Test Reactor," for the U.S. Nuclear Regulatory Commission (NRC) staff's review. UIUC identified this version of the TR as Document Number IMRDD-MMR-22-03, Release 01. By letter dated February 20, 2023 (ADAMS Accession No. ML23053A092), UIUC responded to the NRC staff's request for additional information (RAI) pertaining to the review of UIUC's quality assurance program description (QAPD) TR. UIUC's response included proposed revisions to the QAPD TR.

The NRC staff's final safety evaluation (SE) for the UIUC's QAPD TR is enclosed. The NRC staff concluded that the QAPD is acceptable, subject to incorporation of changes communicated in the RAI response into the TR. The NRC staff requests that UIUC submit an accepted version of the QAPD TR within 3 months of receipt of this letter. The accepted version shall incorporate the proposed changes communicated in the RAI response. In addition, this version of the TR should incorporate this letter and the enclosed SE after the title page.

If you have any questions regarding this matter, please contact Adrian Muñiz at (301) 415-4093, or via email at Adrian.Muniz@nrc.gov.

Sincerely,



Signed by Wentzel, Michael
on 05/23/23

Michael J. Wentzel, Chief
Advanced Reactor Licensing Branch 2
Division of Advanced Reactors and Non-Power
Production and Utilization Facilities
Office of Nuclear Reactor Regulation

Project No.: 99902094

Enclosure:
As stated

cc: Distribution via University of Illinois HTGR GovDelivery
csbrooks@illinois.edu
cht235@illinois.edu

SUBJECT: 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

DISTRIBUTION:

Public
 RidsNrrDanu Resource
 RidsNrrDanuUal2 Resource
 CSmith, NRR
 MWentzel, NRR
 JBorromeo, NRR
 KKavanagh, NRR
 DBeacon, NRR
 AMuñiz, NRR
 PBoyle, NRR

ADAMS Accession Nos:**Package: ML23103A433****Letter: ML23103A435****Safety Evaluation: ML23103A436****NRR-106**

OFFICE	NRR/DANU/UAL2/PM	NRR/DANU/UAL2/LA	NRR/DANU/UNPL/PM
NAME	AMuñiz	CSmith	PBoyle
DATE	4/14/2023	5/1/2023	5/2/2023
OFFICE	NRR/DRO/IQVB/BC	OGC/NLO	NRR/DANU/UAL2/BC
NAME	KKavanagh	AGoshNaber	MWentzel
DATE	5/3/2023	5/17/2023	5/23/2023

OFFICIAL RECORD COPY