

NUCLEAR REGULATORY COMMISSION
[Project No. 99902094; NRC-2026-1717]
University of Illinois Urbana-Champaign;
Construction Permit Application

AGENCY: Nuclear Regulatory Commission.

ACTION: Notice; receipt.

SUMMARY: The U.S. Nuclear Regulatory Commission (NRC) is providing public notice of receipt and availability of an application for a construction permit from the University of Illinois Urbana-Champaign (U. of I.). The construction permit application is dated March 27, 2026.

DATES: April 21, 2026

ADDRESSES: Please refer to Docket ID NRC-2026-1717 when contacting the NRC about the availability of information regarding this document. You may obtain publicly available information related to this document using any of the following methods:

- **Federal Rulemaking Website:** Go to <https://www.regulations.gov> and search for Docket ID NRC-2026-1717. Address questions about Docket IDs in Regulations.gov to Bridget Curran; telephone: 301-415-1003; email: Bridget.Curran@nrc.gov. For technical questions, contact the individual listed in the “For Further Information Contact” section of this document.

- **NRC’s Agencywide Documents Access and Management System**

(ADAMS): You may obtain publicly available documents online in the ADAMS Public Documents collection at <https://www.nrc.gov/reading-rm/adams.html>. To begin the search, select “Begin ADAMS Public Search.” For problems with ADAMS, please contact

the NRC's Public Document Room (PDR) reference staff at 1-800-397-4209, at 301-415-4737, or by email to PDR.Resource@nrc.gov. The ADAMS accession number for each document referenced (if it is available in ADAMS) is provided the first time that it is mentioned in this document.

- **NRC's PDR:** The PDR, where you may examine and order copies of publicly available documents, is open by appointment. To make an appointment to visit the PDR, please send an email to PDR.Resource@nrc.gov or call 1-800-397-4209 or 301-415-4737, between 8 a.m. and 4 p.m. eastern time (ET), Monday through Friday, except Federal holidays.

FOR FURTHER INFORMATION CONTACT: Edward Helvenston, Office of Nuclear Reactor Regulation, U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001; telephone: 301-415-4067; email: Edward.Helvenston@nrc.gov.

SUPPLEMENTARY INFORMATION:

I. Discussion

By letter dated March 27, 2026, U. of I. filed, pursuant to Section 104c. of the Atomic Energy Act of 1954, as amended, and part 50 of title 10 of the *Code of Federal Regulations* (10 CFR), "Domestic Licensing of Production and Utilization Facilities," an application for a construction permit for a single-unit research reactor proposed to be located on the U. of I. campus in Champaign, Illinois. The reactor is to be identified as the U. of I. KRONOS™ Micro Modular Reactor and would be based on a high-temperature gas-cooled design that utilizes solid tri-structural isotropic fuel.

The construction permit application is available in ADAMS under Package Accession No. ML26090A463. Along with other documents, the ADAMS package includes the transmittal letter (ADAMS Accession No. ML26090A464), the preliminary safety analysis report (ADAMS Accession No. ML26090A467), and the environmental

report (ADAMS Accession No. ML26090A468). The information submitted by the applicant includes certain administrative information such as financial qualifications submitted pursuant to 10 CFR 50.33, technical information submitted pursuant to 10 CFR 50.34, and the environmental report submitted pursuant to 10 CFR part 51, “Environmental Protection Regulations for Domestic Licensing and Related Regulatory Functions.”

The NRC staff is currently undertaking its acceptance review of the construction permit application. If the application is accepted for docketing, subsequent *Federal Register* notices will be issued that address the acceptability of the application for docketing and provisions for participation of the public in the permitting process.

Authority: 42 U.S.C. 2011 *et seq.*

Dated: April 16, 2026.

For the Nuclear Regulatory Commission.

/RA/

Edward Helvenston, Senior 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.