



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

May 5, 2022

Dr. Kenan Unlu, Director  
The Pennsylvania State University  
Breazeale Nuclear Reactor  
Radiation Science and Engineering Center  
University Park, PA 16802-2301

SUBJECT: PENNSYLVANIA STATE UNIVERSITY – NUCLEAR REGULATORY  
COMMISSION SECURITY INSPECTION REPORT NO. 05000005/2022201

Dear Dr. Unlu:

From March 29 - 31, 2022, the U.S. Nuclear Regulatory Commission (NRC) staff conducted a security inspection at the Pennsylvania State University Breazeale research reactor. The inspection results were discussed on March 31, 2022, with you and members of your staff. The enclosed report documents the inspection results.

The inspection examined activities conducted under your license as they relate to security, compliance with the Commission rules and regulations, and with the conditions of your license. The inspector reviewed selected procedures and records, observed activities, and interviewed personnel. Based on the results of this inspection, no security concerns or non-compliances with NRC requirements were identified. No response to this letter is required.

In accordance with Title 10 of the *Code of Federal Regulations* (10 CFR) 2.390, "Public inspections, exemptions, requests for withholding," a copy of this letter will be available electronically for public inspection in the NRC Public Document Room or from the NRC's document system (Agencywide Documents Access and Management System (ADAMS)). ADAMS is accessible from the NRC Website at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room). However, because of the security-related information contained in the enclosure, and in accordance with 10 CFR 2.390(d), a copy of the enclosure will not be available for public inspection.

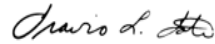
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K. Unlu

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If you have any questions concerning this inspection, please contact Michael Takacs at (301) 415-2042, or by electronic mail at [Michael.Takacs@nrc.gov](mailto:Michael.Takacs@nrc.gov).

Sincerely,



Signed by Tate, Travis  
on 05/05/22

Travis L. Tate, Chief  
Non-Power Production and Utilization  
Facility Oversight Branch  
Division of Advanced Reactors and Non-Power  
Production and Utilization Facilities  
Office of Nuclear Reactor Regulation

Docket No. 50-005  
License No. R-2

Enclosure:  
As stated

cc w/o enclosure: See next page

Pennsylvania State University

Docket No. 50-005

cc:

Yuanqing Guo  
Manager of Radiation Protection  
The Pennsylvania State University  
0201 Academic Project BL  
University Park, PA 16802

Dr. Lora Weiss  
Senior Vice President for Research  
The Pennsylvania State University  
304 Old Main  
University Park, PA 16802

Director, Bureau of Radiation Protection  
Department of Environmental Protection  
P.O. Box 8469  
Harrisburg, PA 17105

Test, Research and Training  
Reactor Newsletter  
Attention: Ms. Amber Johnson  
Dept. of Materials Science and Engineering  
University of Maryland  
4418 Stadium Drive  
College Park, MD 20742-2115

Dr. Jeffrey Geuther  
Associate Director for Operations  
Radiation Science & Engineering Center  
104 Breazeale Nuclear Reactor Building  
University Park, PA 16802-1504

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COMMISSION SECURITY INSPECTION REPORT NO. 05000005/2022201  
DATED: MAY 5, 2022

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