



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

August 24, 2021

Mr. Andrew Cook, Interim Reactor  
Facility Director Chief, Reactor Division  
Radiation Sciences Department  
Armed Forces Radiobiology Research Institute  
4555 South Palmer Road, Building  
Bethesda, MD 20889-5648

SUBJECT: ARMED FORCES RADIOBIOLOGY RESEARCH INSTITUTE – NUCLEAR  
REGULATORY COMMISSION SECURITY INSPECTION REPORT  
NO. 05000170/2021201

Dear Mr. Cook:

From July 12 - 14, 2021, the U.S. Nuclear Regulatory Commission (NRC) staff conducted a security inspection at the Armed Forces Radiobiology Research Institute reactor facility. The inspection results were discussed on July 14, 2021. 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 and Access 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.

**Document transmitted herewith contains sensitive unclassified information.  
When separated from enclosure, this document is decontrolled.**

A. Cook

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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,

*/RA/*

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. 50-170  
License No. R-84

Enclosure:  
As stated

cc: w/o enclosure: See next page

Armed Forces Radiobiology Research Institute

Docket No. 50-170

cc:

Director, Maryland Office of Planning  
301 West Preston Street  
Baltimore, MD 21201

Montgomery County Executive  
101 Monroe Street, 2<sup>nd</sup> Floor  
Rockville, MD 20850

Environmental Program Manager III  
Radiological Health Program  
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Director  
Air & Radiation Management Adm.  
Maryland Dept of the Environment  
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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

Manager  
Nuclear Programs  
Maryland Department of Natural Resources  
Tawes B-3  
Annapolis, MD 21401

Colonel Mohammad Naeem, Director  
Armed Forces Radiobiology Research Institute  
4301 Jones Bridge Road  
Bethesda, MD 20814

A. Cook

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SUBJECT: ARMED FORCES RADIOBIOLOGY RESEARCH INSTITUTE – NUCLEAR  
REGULATORY COMMISSION SECURITY INSPECTION REPORT  
NO. 05000170/2021201 DATED: AUGUST 24, 2021

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**NRC-002**

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