



# UNIFORMED SERVICES UNIVERSITY OF THE HEALTH SCIENCES

ARMED FORCES RADIOBIOLOGY RESEARCH INSTITUTE  
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November 8, 2021

U.S. Nuclear Regulatory Commission  
Washington, DC 20555-0001  
Attention: Document Control Desk

Dear Ms. Cindy Montgomery,

This supplement in support of the license amendment request for the Digital Instrumentation and Control Upgrade (EPID L-2020-NFA-0012) contains the Functional Requirements Specification (FRS) for the replacement of the Digital Instrumentation and Control System of the TRIGA Mark-F Research Reactor at the Armed Forces Radiobiology Research Institute (AFRRI).

This supplemental information contains proprietary information; therefore, there are three versions of the main document: a non-public version that has not been redacted, a non-public version that has been marked for redaction but the redactions have not been applied, and a public version that has been redacted. A fourth enclosure is the affidavit for supporting the treatment of proprietary information. The fifth and last enclosure is an errata sheet that details the differences in the FRS to the as-built condition.

AFRRI continues to request an expeditious review of this application and will provide support required to aid in the review. As previously stated the upgraded I&C has been designed so that it is a functional equivalent to the old system. The supplemental information further delineates the upgraded I&C system to provide detailed technical information to document equivalent changes for the new systems.

Should you need any further technical information, please contact Mr. Andrew Cook at (301) 295-3922.

I declare under penalty of perjury that the foregoing is true and correct. Executed on:

08 NOV 2021

Date

M. Naem

Mohammad Naem, MD, FCCP, FACR  
Colonel, Medical Corps, US Army  
Director AFRRI

Enclosures:  
As Stated