

October 4, 1990

Docket No. 50-170

Colonel George W. Irving, III, BSC, USAF
Director
Armed Forces Radiobiology Research Institute
Bethesda, Maryland 20814-5415

Dear Colonel Irving:

SUBJECT: ISSUANCE OF AMENDMENT NO. 20 TO FACILITY OPERATING LICENSE
NO. R-84 - ARMED FORCES RADIOBIOLOGY RESEARCH INSTITUTE (AFRRI)

The Commission has issued the enclosed Amendment No. 20 to Facility Operating License No. R-84 for the AFRRI TRIGA Research Reactor. The amendment consists of changes to the Technical Specifications in response to your submittal dated April 30, 1990.

The amendment continues to require inspection of fuel elements that are in the core or returned to the core, but allows deletion of the inspection of fuel elements that are in storage until they are returned to the reactor core and have the requisite operating history. The Technical Specifications are amended to reflect these new fuel element inspection requirements.

A copy of the related Safety Evaluation supporting Amendment No. 20 is enclosed.

Sincerely,

Original signed by:

Marvin M. Mendonca, Senior Project Manager
Non-Power Reactor, Decommissioning and
Environmental Project Directorate
Division of Reactor Projects - III,
IV, V and Special Projects
Office of Nuclear Reactor Regulation

Enclosures:

- 1. Amendment No. 20
- 2. Safety Evaluation

cc w/enclosures:

See next page

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MM AFRRI FUEL INSPECTION

PDNP:LA
EHylton
8/ /90

PDNP:PM *M*
MMendonca/lb
8/5/90

OGC *Bard*
8/27/90

STW
PDNP:D
Sweiss
10/4/90

9010170005 901003
PDR ADOCK 05000170
P PDC

DF01
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UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

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Director
Armed Forces Radiobiology Research Institute
Bethesda, Maryland 20814-5415

Dear Colonel Irving:

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NO. R-84 - ARMED FORCES RADIOBIOLOGY RESEARCH INSTITUTE (AFRI)

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The amendment continues to require inspection of fuel elements that are in the core or returned to the core, but allows deletion of the inspection of fuel elements that are in storage until they are returned to the reactor core and have the requisite operating history. The Technical Specifications are amended to reflect these new fuel element inspection requirements.

A copy of the related Safety Evaluation supporting Amendment No. 20 is enclosed.

Sincerely,

A handwritten signature in cursive script, appearing to read "Marvin M. Mendonca".

Marvin M. Mendonca, Senior Project Manager
Non-Power Reactor, Decommissioning and
Environmental Project Directorate
Division of Reactor Projects - III,
IV, V and Special Projects
Office of Nuclear Reactor Regulation

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Armed Forces Radiobiology Research
Institute

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

County Executive
Montgomery County Government
Rockville, Maryland 20850

Reactor Facility Director
Armed Forces Radiobiology
Research Institute
National Naval Medical Center
Bethesda, Maryland 20814