

DISTRIBUTION:

APR 9 1981

Docket File
NRC PDR
Local PDR
TERA
NSIC
SSPB Reading
Gray File
D. Eisenhut
R. Purple
L. Tremper
R. Carter
J. Miller
OELD
I&E (5)

B. Jones (4)
J. Wetmore
ACRS (16)
R. Ireland
C. Miles, OPA
R. Diggs
H. Denton
E. Case
J. Heltemes
G. McCorkle

Docket No.: 50-123

Dr. D. Ray Edwards, Director
Nuclear Reactor Facility
University of Missouri
Rolla, Missouri 65801

Dear Dr. Edwards:

The Commission has issued the enclosed Amendment No. 5 to Facility Operating License No. R-79 for the University of Missouri Research Reactor located at Rolla, Missouri. This amendment consists of changes to the license in response to your filing dated October 20, 1980.

This amendment revises the provisions in the license relating to the maximum quantity of special nuclear material which you are authorized to receive, possess, and use in connection with the operation of your reactor. In addition, in accordance with your request, this amendment itemizes the maximum quantities of high-enrichment and low-enrichment uranium-235 to be authorized.

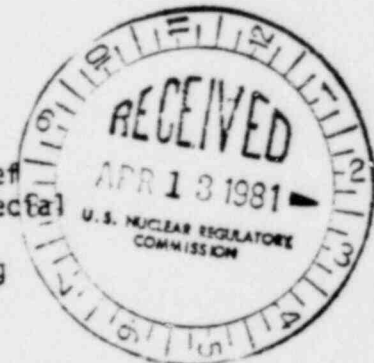
It is our understanding that your reason for requesting authorization to possess and use both high-enrichment and low-enrichment uranium is to provide for an eventual conversion of your reactor to operate with low-enrichment fuel. This type of conversion of non-power reactors is encouraged by current national policy.

A copy of the related safety evaluation for this license amendment is also enclosed.

Sincerely,

ORIGINAL SIGNED BY:

James R. Miller, Chief
Standardization & Special
Projects Branch
Division of Licensing



Enclosures:

- 1. Amendment No. 5
- 2. Safety Evaluation

8 10421 0011

OFFICE	DL:SSPB	DL:SSPB	NMSS	NMSS	OELD	DL:SSPB	DL:SSPB
SURNAME	RCarter/cc	LTremper	DCarlson	GMCCorkle		JMiller	RTedesco
DATE	4/5/81	3/30/81	4/2/81	4/3/81	3/1/81	3/18/81	4/8/81



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

APR 9 1981

Docket No.: 50-123

Dr. D. Ray Edwards, Director
Nuclear Reactor Facility
University of Missouri
Rolla, Missouri 65801

Dear Dr. Edwards:

The Commission has issued the enclosed Amendment No. 5 to Facility Operating License No. R-79 for the University of Missouri Research Reactor located at Rolla, Missouri. This amendment consists of changes to the license in response to your filing dated October 20, 1980.

This amendment revises the provisions in the license relating to the maximum quantity of special nuclear material which you are authorized to receive, possess, and use in connection with the operation of your reactor. In addition, in accordance with your request, this amendment itemizes the maximum quantities of high-enrichment and low-enrichment uranium-235 to be authorized.

It is our understanding that your reason for requesting authorization to possess and use both high-enrichment and low-enrichment uranium is to provide for an eventual conversion of your reactor to operate with low-enrichment fuel. This type of conversion of non-power reactors is encouraged by current national policy.

A copy of the related safety evaluation for this license amendment is also enclosed.

Sincerely,

James R. Miller, Chief
Standardization & Special
Projects Branch
Division of Licensing

Enclosures:

1. Amendment No. 5
2. Safety Evaluation

University of Missouri
at Rolla

-2-

APR 9 1991

cc w/enclosure(s):

A-95 Coordinator
Division of Planning
Office of Administration
P.O. 809
State Capitol Building
Jefferson City, Missouri 65101

Dean T. J. Planje
Nuclear Reactor Facility
University of Missouri-Rolla
Rolla, Missouri 65401