



UNIVERSITY OF MISSOURI-COLUMBIA

July 28, 1992

Research Reactor Facility

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Director of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
Attn: Document Control Desk
Mail Station P1-137
Washington, DC 20555

Reference: Docket 50-186
University of Missouri Research Reactor

Subject: Response to NRC request for additional
information by letter dated July 14, 1992

The University of Missouri Research Reactor (MURR), in response to the NRC Request for Additional Information letter dated July 14, 1992, submits the following modified amendment request for approval. This modified amendment replaces our previous amendment request submitted July 2, 1992, and includes the additional phrases and clarifications of license conditions requested by your letter of July 14, 1992.

We request approval of the following amendment to Facility Operating License Number R-103:

- 2.B.(2) Pursuant to the Act, 10 CFR Part 70, "Domestic Licensing of Special Nuclear Material," and the Commission Order dated September 27, 1985, to receive, possess, and use up to 45 kilograms of contained uranium-235 of any enrichment, providing that no more than 5 kilograms of this amount be unirradiated; up to 80 grams of plutonium-beryllium neutron source; up to 20 grams of plutonium-239 in the form of sheets enclosed in aluminum for use in connection with operation of the reactor; up to 40 grams of plutonium enriched to 90% plutonium-242 in the form of a rod sealed in a stainless steel can for use in connection with operation of the reactor; and to possess, but not separately, such special nuclear material as may be produced by the operation of the Facility.

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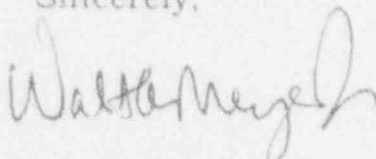
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2.B.(3) Pursuant to the Act and 10 CFR Part 30, "Rules of General Applicability of Licensing of Byproduct Material," to receive, possess, and use in connection with operation of the reactor a source of 100 curies of antimony-beryllium; and to possess, use, but not separate except for byproduct material produced in reactor experiments, such byproduct material as may be produced by operation of the Facility.

If there are any questions, please call Roland Hultsch at (314)-882-5205 or me at (314)-882-5203.

Sincerely,



W. A. Meyer, Jr.
Reactor Manager

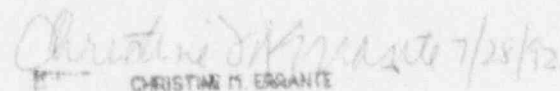
ENDORSEMENT:

Reviewed and Approved:



J. C. McKibben
Associate Director

WAM:vs


CHRISTINE M. ERGANTE
NOTARY PUBLIC STATE OF MISSOURI
BOONE COUNTY
MY COMMISSION EXP. APR. 14, 1995