UNIVERSITY OF MISSOURI

January 31, 1986

Research Reactor Facility

Research Park
Columbia, Missouri 65211
Telephone (314) 882-4211

Regional Administrator, Region III
U. S. Nuclear Regulatory Commission
799 Roosevelt Road
Glen Ellyn, Illinois 60540

SUBJECT: Proposed changes to Physical Security Plan,
University of Missouri Research Reactor Facility

Dear Sir:

The present University of Missouri Research Reactor (MURR) Physical
Security Plan (PSP) requires that we give 30 days notice if we arrange for in-
transit protection of Special Nuclear Material of Low Strategic Significance.

Last year we received a new fuel element (775 grams of U-235) with an
indented outer fuel plate and a reduced outer coolant channel gap. We decided
not to irradiate this element and have arranged to have Babcock and Wilcox,
our fuel fabricator, attempt repair of the gap or salvage of the fuel plates.

Enclosed are proposed changes to our PSP which we believe will allow us to
meet the requirements of 10CFR73.67(g)(3) when we ship the element to Babcock
and Wilcox. We have a shipping container, USA/5088/B( )F, Model D34710-1,
such as Babcock and Wilcox uses to ship new elements to us. We have added sec-
tions to our Quality Assurance Program to assure we meet requirements of the
Certificate of Compliance for the shipping container, USA/5088/B( )F, Model
D34710-1.

We request your approval of these proposed changes to our PSP so we may
proceed with the shipment.

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Pursuant to 10CFR Part 2.790(d), we request that the enclosure be withheld from public disclosure as it has been classified as SAFEGUARDS INFORMATION unless the person has an established "need to know" for this information and is authorized per 10CFR73.21(c). Regulations prevent the disclosure of this information by unsecured telephone communications.

Sincerely,

Roland A. Hultsch
Reactor Physicist

Enclosures (SAFEGUARDS MATERIAL)

Reviewed and Approved:

Don M. Alger
Associate Director