



Research Reactor Center  
University of Missouri-Columbia

1513 Research Park Drive  
Columbia, MO 65211

PHONE (573) 882-4211

FAX (573) 882-6360

WEBSITE <http://web.missouri.edu/~murrwww>

June 3, 2011

ATTN: Document Control Desk  
Director, Division of Spent Fuel Storage and Transportation  
Office of Nuclear Material Safety and Safeguards  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555-0001

RE: Notification prior to first use of package per 10 CFR 71.17

This letter is notification prior to first use of the BEA Research Reactor (BRR) package, USA/9341/B(U)F-96, by the University of Missouri-Columbia Research Reactor (MURR).

Package Number: USA/9341/B(U)F-96  
Licensee Name: University of Missouri-Columbia Research Reactor (MURR)  
License No.: R-103

Background:

Test and Research Reactors throughout the United States have typically relied on the Department of Energy (DOE) to provide a shipping cask for returning irradiated fuel to the DOE. In 2008, Idaho National Lab's Research Reactor Infrastructure Program contracted with AREVA Federal Services to design and build a NRC-certified Type B shipping cask to replace the now-expired BMI-1 spent fuel shipping cask (Certificate No. 5957). This new cask will be used to ship irradiated nuclear fuel from various research reactors to spent fuel storage facilities at Idaho National Lab and Savannah River Site.

AREVA designed and built the BRR package with the MURR fuel as one of the four spent fuel types taken into consideration for performing the cask safety analysis.

If any additional information is needed, please contact me at (573)882-5226 or [ernstj@missouri.edu](mailto:ernstj@missouri.edu).

Sincerely,

John Ernst  
Associate Director, Regulatory Assurance

MMS501  
MMS524