

71-5950



**Battelle**

*Putting Technology To Work*

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July 20, 1992

Division of Nuclear Fuel Cycle and Material Safety  
Office of Nuclear Material Safety and Safeguards  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Attention: Mr. C. E. MacDonald  
Chief, Transportation Certification Branch

Dear Mr. MacDonald:

Pursuant to 10CFR 71.7, Battelle requests a one time exemption to a provision of the Certificate of Compliance (*C of C*) for Radioactive Material Packages, Certificate No. 5950 Revision No. 6. Battelle requests an exemption to substitute the requirements of 10CFR 71.47 (b), (c) and (d) for the requirements of Item 5 Subitem 7(2) of the *C of C*, and that the exemption be of limited duration, valid until October 30, 1992. The exemption would substitute the requirements for an exclusive use shipment for those non-exclusive use currently in the *C of C*. Battelle holds that this substitution is within the spirit and intent of the regulations since this is an exclusive use shipment. Granting this exemption would allow the transfer to take only one shipment rather than two, so is demonstratively safer.

Battelle is pursuing this exemption in support of the use of the BCL-4 cask by The Ohio State University (OSU) to transfer 14 Co-60 sources via an approved exclusive use vehicle from Battelle's West Jefferson, Ohio research facilities to the OSU Nuclear Reactor Laboratory. The sources are to be held by OSU under a specific NRC License, 34-00293-14. The total activity of these 14 Co-60 source is approximately 13,000 Ci. The Co-60 will be packaged as specified in the *C of C*. The maximum cask contact dose rate is 180 mRem/hr. The maximum dose rate at 2 meters from the lateral surfaces of the cask is 3.5 mRem/hr.

If you have any questions, please contact Craig Jensen at (614) 424-5170. Your timely response to this request is deeply appreciated.

Sincerely,

Harley Toy  
NRC Licensing Coordinator

CEJ:HT:cj

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