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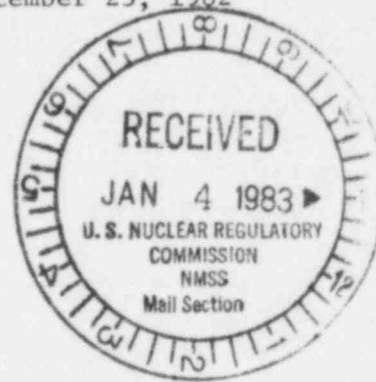
NUCLEAR SCIENCE AND TECHNOLOGY FACILITY

December 23, 1982

FILE RE:

Docket 50-57  
License R-77

Charles E. McDonald  
Chief, Transportation Certification Branch  
U.S.N.R.C.  
Washington, D. C. 20555



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Dear Mr. McDonald:

The State University of New York at Buffalo, Nuclear Science and Technology Facility, is currently participating in research programs which include the study of fast neutron effects on materials (primarily steel). As part of this program, we intend to assist in the testing of some materials from the Knolls Atomic Power Laboratories. The test specimens (by-product material) would be shipped to us, using the Bettis Materials Engineering Laboratory (MEL) NRBK-41 shipping cask. After testing, we will return the material, using the NRBK-41 cask.

As an NRC licensee, I would like the NSTF to be registered as an approved user of the NRBK-41. I have enclosed a copy of our Quality Assurance program for your review. I am in possession of a full set of blueprints for the cask, a copy of the "Mandatory Requirements" (WAPD-CL (IH)-824 Rev. 8, April 1982), load/unload instructions, and a copy of the certificate of compliance (#5814, June 5, 1978).

I anticipate no problems in handling the NRBK-41 cask. It is similar in design to other casks which we have used many times.

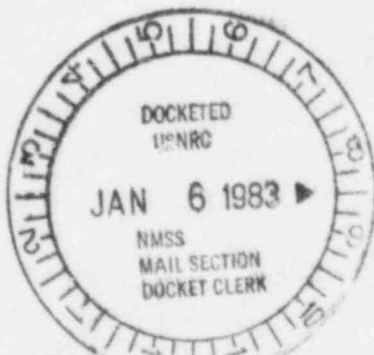
The Department of Energy would like this program to begin in early to mid-January. We would receive specimens at that time, and tentatively plan on sending them back about four to six months later. Would you please have someone on your staff review my Quality Assurance program and get back to me, so that I may supply any modifications or additional information that may be required? I am sorry that this request is coming to you at such a late date, but we have only recently learned that we would be using the NRBK-41 cask. Your assistance in this matter would be greatly appreciated.

Yours very truly,

*Louis G. Henry*

Louis G. Henry  
Acting Director

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