

West Virginia  
University

MEDICAL CENTER  
MORGANTOWN, WEST VIRGINIA 26506

School of Medicine  
Department of Radiology  
Division of Medical Physics and Radiation Safety  
Telephone: 304-293-3413

April 22, 1982

Materials License Branch  
Division of Fuel Cycle and Material Safety  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Gentlemen,

In a letter dated 14 September 1981, we requested that a condition be added to license 47-01163-20 permitting West Virginia University to hold for decay radioactive material having a physical half life of less than 65 days. This was added as Amendment No. 15 to the license.

In that letter of 14 September, we stated that long term storage would be in a double wide trailer on University property and short term storage in Room B33 of University Hospital. We now wish to change our long term storage location.

We have had difficulty in disposing of radioactive waste with long physical half lives. With the accumulation of this waste added to the short half lived waste, we have run out of space in the two available locations. It is proposed that we give up the double-wide trailer and store our radioactive waste, both that being held for decay and that being held until other disposal can be arranged, in space being leased in the ground floor of the building formerly occupied by the Bailey Glass Company, 5th and Railroad Streets, Morgantown.

This is an old brick building which the owner is converting into storage space. The only other portions of the basement which have been leased are occupied by other university departments for long term storage.

A sketch of a portion of the basement is attached. The cross-hatched area is the location proposed for storage of radioactive waste. Over half of the area needs only new locks on the doors and provision for local control of lighting, and would be occupied immediately after an amendment allowing this was granted. The remaining area needs a partition from the stairway to the outside wall before it can be occupied.

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Department of Transportation regulations will be followed in moving radioactive waste from campus to the storage site.

The double-wide trailer will be surveyed and, if necessary, decontaminated before being returned to use for other purposes.

The proposed storage site has its own security system. A guard is present 40 hours per week on an irregular schedule. Because of the secluded nature of the site, the remoteness of our proposed location within the building, and the thick walls with no windows into our area, we do not feel it is necessary to provide additional security.

The other provisions of our letter of 14 September 1981 remain in effect.

Sincerely,

*Stephen T. Slack*

Stephen T. Slack, Ph.D.  
Radiation Safety Officer

William E. Collins, Ph.D.  
Interim Vice President  
for Academic Affairs

attachment

copy: H.H. Harper, Asst. to Vice President for Health Sciences  
G.A. Bixler, Facilities Analysis

July 21, 1982

Mr. Edward J. Jayjack  
Byers Engineering Company  
300 Keith Building  
Cleveland, Ohio 44115

Dear Ed:

Under the new architectural/engineering services agreement the following project is assigned to your firm. The primary contact person is Dr. Stephen Slack.

"CO<sub>2</sub> System - Radioactive Waste  
Storage Area"

We have recently received a recommendation that a CO<sub>2</sub> extinguishing system be installed in part of the space in which we are storing our radioactive waste. Therefore, on your next trip in I would appreciate your contacting Dr. Slack and touring the area.

Only enough preliminary work should be done at this time so that rough estimates of probable costs can be provided to me.

Please contact me if you have any questions.

Cordially,

Harold H. Harper  
Assistant to the Vice President

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cc: Dr. John E. Jones  
Dr. Stephen Slack