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WABASH COLLEGE
CRAWFORDSVILLE, INDIANA 47933

December 3, 1979

United States Nuclear Regulatory Commission
Region III
799 Roosevelt Road
Glen Ellyn, Illinois 60137

ATTN: James G. Keppler, Director

RE: Response to Bulletin 79-19 dated August 10, 1979
NRC License #13-07419-02

Dear Mr. Keppler:

The answers to questions presented in the Bulletin are listed below:

1. Wabash College maintains a current set of DOT and NRC Regulations concerning the transfer, packaging and transport of low-level radioactive waste materials.
2. Our waste collection contractor has provided us with a set of requirements for packaging low-level waste.
3. William N. Doemel, Radiation Safety Committee Chairperson and Austin E. Brooks, Biology Department Chairperson are responsible for the safe transfer, packaging and transport of low-level radioactive wastes.
4. All people involved in the transfer, packaging and transport of low-level radioactive material have detailed instructions.
5. Periodic training in the DOT and NRC regulatory requirements and in the packaging of wastes are held and records will be kept.
6. Students and faculty who use radioactive material are periodically trained in the proper ways to dispose of the waste and in the recording requirements.
7. Presently we maintain a record of the movement of radioactive materials through our facilities: received shipments, amounts used in experiments, amounts of waste and means of disposal, amounts of waste removed by the contractor.

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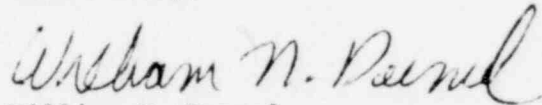
8. No isotopes have been used for the past nine months. As indicated above, audits are maintained.
9. This letter constitutes a response to items 1-8.

Answers to additional questions are below. For 1978 and for the first six months of 1979

1. No waste shipments were made during this period.
2. See #1 above.
3. During this period, low-level liquid radioactive wastes were generally in the form of toluene based fluors. These were in plastic and glass scintillation vials. These vials were mixed with unprocessed vermiculate and placed into metal drums lined with a plastic liner. Although such wastes are not now accepted by any disposal site, our practices are in strict accord with DOT and NRC regulations. With present use patterns, we will need to either dispose of the five-gallon drums that we now have or obtain additional barrels in 1981 or 1982.

If there are further questions, please contact me. Thank you.

Yours truly,



William N. Doemel
Associate Professor of Biology
Chairman, Radiation Safety Committee

WND:sr

cc: NRC Office of Inspection and Enforcement
Division of Fuel Facility and Materials
Safety Inspection
Washington, DC 20555

- A. E. Brooks, Chairman, Biology Department
P. McKinney, Chairman, Division I
L. Salter, President, Wabash College

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