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MEDICAL COLLEGE OF OHIO

Department of Radiology
Medical Physics
419/381-4301

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Am-05

August 22, 1979

Mr. James G. Keppler, Director
United States Nuclear Regulatory Commission
Region III
799 Roosevelt Road
Glen Ellyn, Illinois 60137

Dear Mr. Keppler:

Enclosed is the information that was requested in Bulletin
No. 79-19, dated August 10, 1979.

If you need additional information, please contact this
office.

Sincerely,

Robert E. Peterson, Jr.
Health Physicist

REP/ps
Enclosure

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AUG 27 1979

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1. a. For the year of 1978

3 Shipments

For the first 6 months of 1979

2 Shipments

b. For the year of 1978

58 drums of solid waste

$7\frac{1}{2}$ cu. ft. per drum x 58 drums = 435 cubic feet

7 drums of liquid waste

30 gal/drum x 7 drums = 210 gallons

For the first 6 months of 1979

36 drums of solid waste

$7\frac{1}{3}$ cu. ft. per drum x 36 drums = 270 cubic feet

4 drums of liquid waste

30 gal/drum x 4 drums = 120 gallons

2. a. For the year of 1978

0.0735275 curies

For the first 6 months of 1979

0.0768306 curies

b. Major isotopes

Hydrogen-3, Carbon-14, Phosphorous-32, Calcium-45,
Sulfur-35, Iodine-125.

3. a. Yes

b. Liquid waste is put in a 30 gallon drum inside a 55 gallon drum.
It is only filled 50% with the rest being absorbent material.

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