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immuno assay corporation

25050 FORD RD.

DEARBORN HTS., MICH. 48127

(313) 561-8020

September 13, 1979

James G. Keppler  
Director Region 3  
Nuclear Regulatory Commission  
799 Roosevelt Rd.  
Glen Ellyn, Ill. 60137

Dear Sir,

Please find enclosed our Policy and Procedure for the Disposal of Radioactive Waste.

In addition the following information is provided as requested in I.E. Bulletin No. 79-19:

# of 55gal. drums shipped	Radionuclide	Approximate Activity in Ci	Date
1	I-125, Fe59, Co57	1.0mCi	10/12/78
1	Fe 59, I-125	4.0mCi	5/12/78
1	I-125, Fe59, Co57	2.0mCi	1/29/79
2	Fe59, I-125, Co57	1.0mCi/drum	4/26/79

We did not generate any radioactive waste.

If there are any questions or if further information is required please don't hesitate to contact me.

Sincerely,

Donald J. House  
Technical Director

enc: Sample inventory form  
Policy & Procedure  
CC NRC Washington  
T. Kosnik

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Policy and Procedure for Disposal of Radioactive Waste

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1) Regulations:

The following material is available from the Secretary on request:

- a) DUT 49 CFR Parts 170-179
- b) NRC 10 CFR Parts 19-7i and 150
- c) Atomic Disposal Inc. Current Regulations

2) Responsible Personnel:

- a) Transfer: D.J. House  
L.T. Kosnik (Radiation Physicist)
- b) Packaging: D.J. House  
T.J. Kregoski

3) Waste Disposal:

a) Liquid Waste:

All liquid waste will be disposed of via the sewer according to 10CFR. Liquid waste consists of aqueous solutions with low concentrations of Fe-59, I-125, and Co-57.

b) Solid Waste:

Solid waste consists of glassware, absorbent material, and resins contaminated with radionuclides Fe-59, I-125 and Co-57. These materials will be placed in a 55 gallon steel drum provided by Atomic Disposal Inc. and picked up periodically. Special packaging instructions will be provided by the disposal firm and will be followed. Each addition of waste into the drum will be recorded on a material Disposal Record Form taped to the top of the drum. (See enclosed sample form)

4) Personnel Training:

Review of Regulations and the policy and Procedure for handling and disposing of Radioactive waste will be provided to all personnel handling radioactive material and will be reviewed annually.

5) Inventory:

An inventory of each drum shipped by Atomic Disposal Inc. will be kept on file for future reference.

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# Tape To Barrel

## RadioActive Material Disposal-Solid Waste Only

Date	Radionuclide	# of Tubes or Containers	Estimated Activity in MCI	Initial

At Time of Pickup

Fe59 \_\_\_\_\_  
TOTAL MCI I-125 \_\_\_\_\_

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Surface Radiation \_\_\_\_\_

DATE \_\_\_\_\_