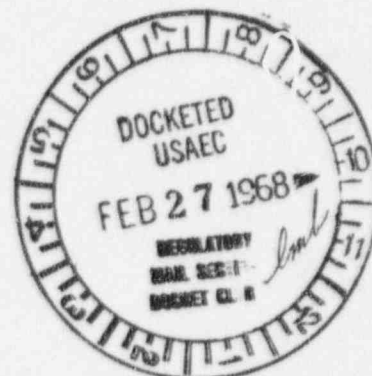


*Report - 712*  
*Extra Copies*

January 27, 1968



Mr. Nate Bassin  
U. S. Atomic Energy Commission  
Division of Materials Licensing  
Washington, D. C. 20545

Dear Mr. Bassin:

We wish to request an amendment to AEC license No. 12-11286-1 issued to Atomic Disposal Co., Midlothian, Illinois. This is requested in addition to the rewritten operating procedures submitted on December 20, 1967 as a renewal application of this license.

We would like to add the name of Richard E. Haas to the list of qualified users as well as anyone certified by him in the future as being qualified to accept and transfer radioactive waste, perform necessary surveys, and maintain necessary records. The certification is to be based on the individual's demonstrated competence following instruction by Mr. Haas in the subjects listed on the enclosed outline and supervised (by Mr. Haas) on-the-job training during pickups and environmental surveys. Prompt notification of this certification would be made to you and the Regional Office of the Division of Compliance listing the individual's previous experience (if any) and the amount of instruction and training received. Since the experience and educational level of each student may vary considerably, it is estimated that the necessary time required for mastering the material and procedures satisfactorily will vary from 4 hours (for those with previous experience) to 10 hours of formal instruction with approximately 3 hours of training in the use of instruments. Several supervised pickups of varied radioactive waste materials would also be included.

Mr. Haas' qualifications for this responsibility include the AEC Fellowship program at Vanderbilt University and ORNL (1959) and eight years experience as Radiation Safety Officer and Assistant Professor of Radiology at the University of Illinois, Medical Center Campus under AEC Broad Coverage License No. 12-00088-06. In addition to the administration of the safety program for the Graduate and Professional

Mr. Nate Bassin

January 27, 1968

Colleges and Hospital, Mr. Haas has participated in yearly Radiation Physics courses for Radiology residents and graduate students as well as conducting several radiation safety courses for isotope users on the technician level.

Formally, we request the license to read as follows:  
"Byproduct, source and special nuclear material shall be received, handled and stored by Louis F. Allocco, Richard E. Haas and/or any individual certified by Richard E. Haas as having successfully completed the training program described in the application".

Your prompt attention to this request will be greatly appreciated.

Respectfully,



Richard E. Haas  
Health Physics Consultant for:  
Francis X. Pastorelle, President  
Atomic Disposal Co., Inc.

REH/lh

cc: E. Frederick

J. Allen, AEC Compliance

Enclosures: Instruction outline

Outline of Instructions for Training Program

AEC License No. 12-11286-1

- I. Fundamentals of Radiation Safety
  - A. Nuclear Terminology
  - B. Typical Nuclides - their radiations and half-lives
  - C. Characteristics of Alpha, beta, gamma, neutron radiations
  - D. Units of activity, energy and dose
  - E. Methods for controlling internal and external exposures
  - F. Permissible doses and biological effects of radiation
  - G. Emergency procedures - plant and transportation incidents
  
- II. Instrumentation
  - A. Personal Monitoring - Film badge and pocket dosimeter
  - B. Survey Instruments - G.M. meters and Cutie Pie
  - C. Laboratory - type counters
  
- III. AEC and ICC Regulations and Limitations on Dose Rates and Activity
  
- IV. Operating and Survey Procedures - as in AEC license