



UNITED STATES  
**NUCLEAR REGULATORY COMMISSION**  
REGION I  
475 ALLENDALE ROAD  
KING OF PRUSSIA, PENNSYLVANIA 19406-1415

April 13, 2005

Docket No. 03035334  
Control No. 136445

License No. 29-30560-01

Robert Bryant, Ph.D.  
Vice President, Discovery Research  
Linguagen Corporation  
2005 Eastpark Boulevard  
Cranbury, NJ 08512

**SUBJECT: LINGUAGEN CORPORATION, REQUEST FOR ADDITIONAL INFORMATION CONCERNING APPLICATION FOR AMENDMENT TO LICENSE, CONTROL NO. 136445**

Dear Dr. Bryant:

This is in reference to your letter dated February 7, 2005 requesting to amend Nuclear Regulatory Commission License No. 29-30560-01. This also refers to the telephone conversation on March 29, 2005, with Cynthia Hendrix. In order to continue our review, we need the following additional information:

1. In your application, you identify Cynthia Hendrix as your Radiation Safety Officer (RSO).
  - a. Please describe this individual's formal training in the following areas: principles and practices of radiation protection and the biological effects of radiation; radioactivity measurements standardization and monitoring techniques and instruments; and mathematics and calculations basic to the use and measurement of radioactivity.
  - b. Describe the specific isotopes the individual has handled, the maximum quantities of materials handled, where the experience was gained, the duration of the experience and the type of use.
  - c. Describe the individual's experience in performing the duties of a Radiation Safety Officer, where the experience was gained, the duration of the experience and the types of RSO duties performed, such as (1) assessing radiological hazards; prescribing and implementing appropriate radiation safety precautions; (2) ensuring that the use of licensed material is by or under the direct supervision of individuals specifically listed on your license; (3) ensuring that all users (where appropriate) wear personnel monitoring equipment when using licensed materials; (4) ensuring that licensed materials are properly secured against unauthorized removal at all times when not in use; (5) performing routine inspections of all laboratories using or storing licensed materials; and (6) ensuring that the terms and conditions of your license are met, and that all required records are maintained

R. Bryant  
Linguagen Corporation

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Current NRC regulations and guidance are available at the NRC Web sites listed below or by contacting the Government Printing Office (GPO) toll-free at 1-888-293-6498. The GPO is open from 7:00 a.m. to 9:00 p.m. EST, Monday through Friday (except Federal holidays).

We will continue our review upon receipt of this information. Please reply to my attention at the Region I Office and refer to Mail Control No. 136445. If you have any technical questions regarding this deficiency letter, please call me at (610) 337-5040.

If we do not receive a reply from you within 30 calendar days from the date of this letter, we shall assume that you do not wish to pursue your application.

Sincerely,

***Original signed by Elizabeth Ullrich***

Betsy Ullrich  
Senior Health Physicist  
Commercial and R&D Branch  
Division of Nuclear Materials Safety

NRC Web site addresses

NRC regulations

<http://www.nrc.gov/reading-rm/doc-collections/cfr/>

Licensing guidance

<http://www.nrc.gov/reading-rm/doc-collections/nuregs/staff/sr1556/>

General Policy and Procedure for NRC Enforcement Actions

<Http://www.nrc.gov/what-we-do/regulatory/enforcement/enforc-pol.pdf>

206 of the Energy Reorganization Act of 1974

<http://www.nrc.gov/who-we-are/governing-laws.html>

cc:

Cynthia Hendrix

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