



MS 16
Q0

July 9, 1986

John E Glenn, Ph.D. Chief
Nuclear Materials Safety Section B
Division of Radiation Safety and Safeguards
United States Nuclear Regulatory Commission
631 Park Avenue
King of Prussia, PA 19406

Re: License No.: 20-19858-01
Docket No.: 030-19336
Control No.: 119363

Dear Dr. Glenn:

This letter is in response to some recent phone conversations with Mr. John Jensen who had asked that two items in our license amendment request be more fully described.

1. With regard to Mr. Sall's training and experience to support our request for license amendment to include Mr. Sall as an Assistant Radiation Safety Officer, I have included a more complete presentation of Mr. Sall's educational background, training, and work related experience which are all pertinent to the handling of radioisotopes. (Please see attached)
2. With regard to Mr. Lombardo, I am asking that my request not be part of this amendment and that, in turn additional training, education and work-related experience be provided prior to including Mr. Lombardo. It is my expectation that we will ask to amend our license and include Mr. Lombardo in about six months.

I am hopeful that these two items are now satisfactorily addressed and would look forward to the completion of our license amendment request. Please advise if there is any additional information or clarification that would be of value to you on this discussion. Thanks in advance for your help in this matter

Sincerely,

Philip M. Shapiro
Radiation Safety Officer
Director of Quality and
Regulatory Affairs

11 JUL 11 1986

RECEIVED-REGION 1

ML10

PS/mp
B70B110156 B60815
REG1 LIC30
20-19858-01 PDR

119363

"OFFICIAL RECORD COPY"

TRAINING AND EXPERIENCE
IN THE HANDLING OF RADIOACTIVE MATERIALS
Mr. Barry Sall

Mr. Sall's training and experience began during his 3 years of employment at New England Nuclear Corporation, Boston, Massachusetts. There, he routinely handled Curie amounts of P-32 in liquid form. These materials were used for production of P-32 labeled nucleotides. During his employment at NEN, he attended formal training courses which covered the following subjects:

Principles and Practices of Radiation Protection

Radioactivity measurement standardization and monitoring techniques and instruments.

Mathematics and calculations basic to the use and measurement of radioactivity.

Biological effects of radiation.

These courses covered the use of H-3, C-14, P-32, and S-35. Mr. Sall attended yearly seminars which reviewed and updated the material presented in earlier courses.

During his 4 years of employment at Integrated Genetics, Mr. Sall has attended yearly seminars covering the topics listed above and relating them to the proper use of H-3, C-14, P-32, S-35 and I-125. He has worked with up to 10mCi of P-32 and 1.0 mCi of H-3 at this facility. He has also supervised the use of up to 2.0 mCi of I-125 in protein iodinations and up to 5.0 mCi of S-35 used for in vitro protein labeling. In the past two years Mr. Sall has received extensive individualized training in all aspects of the proper use and radiation safety considerations of I-125, from Mr. Robert U. Johnson, Health Physics Consultant for Integrated Genetics. Mr. Johnson is Director of Radiological Services at Harvard University.

Mr. Sall received his Bachelor of Arts degree from Boston University in 1978

/1033q

/me

CONVERSATION RECORD

TIME

2:30 pm

DATE

5/27/86

TYPE

☐ VISIT☐ CONFERENCE☒ TELEPHONE☐ INCOMING☒ OUTGOING

ROUTING

NAME/SYMBOL

INT

Location of Visit/Conference:

NAME OF PERSON(S) CONTACTED OR IN CONTACT
WITH YOU

PHILIP SHAPIRO

ORGANIZATION (Office, dept., bureau,
etc.)

TELEPHONE NO.

617-
825-1322

SUBJECT

AMENDMENT 20-19858-01

MAIL CONTROL NO. 119363

SUMMARY

MASSIMO LOMBARDO - must go to VOD to
get specific isotopes, spent 3 yrs
in Army working intensively
with instrumentation

→ 120 hrs.

BARRY SALL - asked Shapiro to send complete
list of hours of training + each isotope
and units SALL has worked with

ACTION REQUIRED

NAME OF PERSON DOCUMENTING CONVERSATION

SIGNATURE

DATE

ACTION TAKEN

SIGNATURE

TITLE

"OFFICIAL RECORD COPY"

DATE

50271-101

U.S. G.P.O. (983-381-526/8346)

CONVERSATION RECORD

OPTIONAL FORM 271 (12-76)
DEPARTMENT OF DEFENSE