



ESTABLISHED 1802

E. I. DU PONT DE NEMOURS & COMPANY

INCORPORATED

GLENOLDEN LABORATORY

GLENOLDEN, PENNSYLVANIA 19036

CENTRAL RESEARCH & DEVELOPMENT DEPARTMENT

381-57543
 Check #40-3K
 Amount \$40.00
 Type Amend
 Date 9/22/83
 Received By Brown

RECEIVED BY LFMD

Date 9/22/83
 Log Sept 91
 By Brown
 Orig. To
 Action Compl 7/23/83

September 6, 1983

United States Nuclear Regulatory Commission
 Region I
 Material Licensing Branch
 631 Park Avenue
 King of Prussia, PA 19406

Gentlemen:

Proposed Amendment No. 3

NRC License No: ~~07-004500-37~~

07-00455-37

Enclosed is a check for \$40.00 covering the fee for a proposed amendment to the subject license. The amendment is for:

- Relocating Radioisotope Laboratory (i.e., Strictly Controlled Area as defined in Item 13.B.1 of original application) from first floor location, Room 172B, to a ground floor location, Room 069, of same building. A drawing showing room layout and equipment is attached. No substantive changes were made other than the room location and room layout. Laboratory hoods, iodination box, refrigerators, and freezers, etc. were relocated as is.
- Changing site radiation safety committee membership to add R.C. Newton, replacing K.K. Lonberg-Holm. A training and experience resume for R.C. Newton is attached.
- Adding assistant radiation protection officer, M.C. Fredericks. Training and experience resume is attached.

Yours truly,

George W. Moncrief
 Radiation Protection Officer

GWM/acs
 Attachments

8507050308 850610

REG1 LIC30

07-00455-37

PDR

ML10

"OFFICIAL RECORD COPY"

01723

Name: Robert C. Newton

Date: 10/6/81

Birth Date: 1/13/52

SS# 07-42-8679

TRAINING & EXPERIENCE

Type of Training	Where Trained	Duration Of Training	On The Job (Circle Answer)		Formal Course (Circle Answer)	
a. Principles and practices of radiation protection	Iowa State University	4 months graduate level course	<input checked="" type="radio"/> Yes	No	<input checked="" type="radio"/> Yes	No
b. Radioactivity measurements standardization and monitoring techniques and instruments	↓	↓	<input checked="" type="radio"/> Yes	No	<input checked="" type="radio"/> Yes	No
c. Mathematics and calculations basic to the use and measurement of radioactivity.			<input checked="" type="radio"/> Yes	No	<input checked="" type="radio"/> Yes	No
d. Biological effects of radiation.			<input checked="" type="radio"/> Yes	No	<input checked="" type="radio"/> Yes	No

Experience with Radiation (Actual use of radioisotopes or equivalent experience).

Isotope	Maximum Amount	Where Experience was gained	Duration of Experience	Type of Use
3H	10 mCi	Iowa State University DuPont Experimental Station	3 years 3 years	labeling of cells biosynthetically labeling of proteins Use of products
125I	5 mCi	Iowa State University DuPont Experimental Station	2 years 3 years	Enzyme catalyzed labeling of cell surfaces and proteins Uses of labeled prod.
14C	4 mCi	Iowa State University DuPont Experimental Station	2 years 3 years	Labeling of cells Use of labeled enzyme substrate Use of labeled prod.
55S	5 mCi	DuPont Experimental Station	3 years	Labeling of cells Use of labeled prod.
51CR	1 mCi	Iowa State University DuPont Experimental Station	1 year 2 years	Labeling of cell surfaces and use in cytotoxicity assays

Name: Michael C. DericksDate: September 6, 1983

TRAINING & EXPERIENCE

Type of Training	Where Trained	Duration Of Training	On The Job (Circle Answer)		Formal Course (Circle Answer)	
a. Principles and practices of radiation protection	U.S. Army, Ft. Knox Kentucky Applied Health Co Albany, NY DuPont, Glenolden	2 months 2 weeks 6 hours	<input checked="" type="radio"/> Yes	<input type="radio"/> No	<input checked="" type="radio"/> Yes	<input type="radio"/> No
b. Radioactivity measurements standardization and monitoring techniques and instruments	↓	↓	<input checked="" type="radio"/> Yes	<input type="radio"/> No	<input checked="" type="radio"/> Yes	<input type="radio"/> No
c. Mathematics and calculations basic to the use and measurement of radioactivity.			<input type="radio"/> Yes	<input checked="" type="radio"/> No	<input checked="" type="radio"/> Yes	<input type="radio"/> No
d. Biological effects of radiation.			<input type="radio"/> Yes	<input checked="" type="radio"/> No	<input checked="" type="radio"/> Yes	<input type="radio"/> No

Experience with Radiation (Actual use of radioisotopes or equivalent experience).

Isotope	Maximum Amount	Where Experience was gained	Duration of Experience	Type of Use
Fission Products	Hypothetical Situation	U.S. Army Nuclear Biological warfare GRP Fort Knox, Kentucky.	2 months	Emergency Response Training
¹⁴ C, ³ H, ¹²⁵ I	≤ 10 uCi	Albany Medical Center Albany, N.Y. (contractor) applied Health).	3 months	Medical Diagnostic Testing
¹⁴ C, ³ H, ¹²⁵ I, ³² P, ⁵¹ Cr, ³⁵ S, ¹³⁷ Cs, etc.	variable quantities up to several curies	DuPont Company, Glenolden Glenolden, PA	1.75 years	Pharmaceutical Research under broad scope license.