

Drexel
University



College of Science

Department of
Biological Sciences
(215) 895-2623, 2624

Drexel University Philadelphia, Pennsylvania 19104

October 25th, 1984

U.S. N.R.C.
FEE MGMT. BRANCH

NOV -5 AM 1:00

RECEIVED

U. S. Nuclear Regulatory Commission
Nuclear Material Section B
631 Park Avenue
King of Prussia, PA 19406

Gentlemen:

In accordance with Section 30.37 of 10CFR Part 30 and USNRC Notice of Expiration dated 9/04/84 this letter constitutes an application for renewal of license number 37-04594-11 (Program Code 01100), expiration date 11/30/84.

This application is being submitted using the format suggested in your Notice of Expiration in paragraphs 1-6. The essential features of the program are contained in application dated March 15, 1979 and letters dated February 27, 1979 and October 10, 1979.

As in the past we are requesting fee exemption as a non-profit educational institution under Section 170.11(6)(1)(2) of 10CFR 170.

The person to contact with regard to this renewal application is Keith P. West, Professor of Biological Sciences and Radiation Safety Officer (215) 895-2625.

KPW/pcs

RECEIVED BY LFMP	
Date...	11/5/84
Leg...	NOV 21
By...	Brown
Orig. To...	
Action Compl...	11/2/84

Very truly yours,

Alvin N. Ward
Vice President and Treasurer

8512180467 850405
REG1 LIC30
37-04594 PDR

"OFFICIAL RECORD COPY"

FEE EXEMPT



College of Business and Administration
College of Humanities and Social Sciences
Nesbitt College of Design, Nutrition, Human Behavior, Home Economics • College of Science

College of Engineering • Evening College
School of Library and Information Science

170.116(x4) ✓ ML10
(see 3/10/85 letter attachment)

03057

OCT 29 1984

(Drexel University)

NRC License number 37-04594-11 was granted October 30, 1979 based on two supporting documents:

1. Form 313 submitted March 15, 1979.
2. Letter dated October 15, 1979 prepared in response to NRC letter dated May 31, 1979 (FCLMB:MAL 030-15139 99067) requesting further information and clarification of Form 313.

These documents form the basis of the present request for license renewal. Changes in these two documents are indicated on the following pages. Alterations are referenced noting document date, page number(s) and paragraph number(s).

Revisions in application (Form 313) dated March 15, 1979 and letter dated October 10, 1979.

2.a (1) (letter 10/10/79)

Campbell Pacific Nuclear
Depth density gauge, Model Hydrotector MCM
Serial # MM9092961.
Americium - 241 50 mCi

Delete reference to Cesium - 137. The one-source instrument identified above was ultimately purchased instead of the two-source model.

Item 6 (b) (Form 313)

Change possession limits as follows:

(1) Byproduct material with atomic numbers 3 through 83, inclusive

	Any form	20 mCi
Hydrogen - 3	Any form	1 Ci
Hydrogen - 3	Tritiated zirconium targets	20 Ci
Carbon - 14	Any form	5 Ci
Cesium - 137	Sealed sources	150 mCi
Cobalt - 60	Sealed sources	50 mCi
Americium - 241	Sealed sources	70 mCi

Total possession limit = 26.270 Ci

Item 7 (Form 313)

Change to:

Laboratory research and teaching and training of students.

Item 10 (Form 313)

Type of instruments:

Add: Beckman Liquid Scintillation System
LS 100C. Used for measuring beta and gamma.

Beckman Liquid Scintillation System
LS 7500. Used for measuring beta and gamma.

Item 13 (Form 313)

Delete item (pages 6 through 22) and substitute:

Facilities and equipment will be evaluated by the Radiation
Safety Committee. (As suggested in paragraph 6 b. in NRC
letter dated May 31, 1979.)

Item 14 (Form 313)

Committee Member Constituency, (Page 25)

Delete the names of:

Dr. William H. Harding (Also delete Page 33)
Dr. C. William Savery (Also delete Page 38)
Mr. Harold M. Meyers

Add the name of:

Mr. Alvin N. Ward
Vice President and Treasurer
Drexel University

Item 15 (Form 313)

(3) Page 47 and also in letter dated 10/10/79, 13. b. (3)

Delete Isodyne Corporation and substitute Teledyne Corporation.

In letter dated 10/10/79 13. e. (Page 8):

Delete e. and substitute:

"No waste will be incinerated except as provided for in
Section 20.306 (a), (b) 10CFR30 for C-14 and H - 3."