



ESTABLISHED 1856

Draper Brothers Company, Inc.

CANTON, MASSACHUSETTS 02021 - TELEPHONE (617) 828-0029

August 21, 1985

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U. S. Nuclear Regulatory Commission
Region I Material Program Section No. 2
631 Park Avenue
King of Prussia, PA. 19406

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

Subject: License Number 20-18489-01 Amendment

Gentlemen:

I request an amendment to License No. 20-18489-01, Item No. 12
(Licensed material shall be used by:)

Please add the following names:

Robert VanTassel - Sales Engineer

Thomas Wesman - Design Engineer

Timothy Whalen - Service Engineer

Pierce Deane - Quality Control Supervisor

Steven Yaczik - Quality Control Technician

Sept 1 - I

Applicant	236614375
Check No.	38 \$40.00
Type	Amendment
Date	9/5/85
Received By	Jacques

The Training and Experience Data Sheets are attached.

An amendment fee of \$40.00 is enclosed.

Sincerely yours,

THE DRAPER FELT COMPANY, INC.

R. Wayne Legge

R. Wayne Legge,
Radiation Safety Officer

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REG1 LIC30
20-18489-01 PDR

RWL/ses

Enclosures

Submitted in duplicate

"OFFICIAL RECORD COPY"

10:11 AM 26 AUG 1985
RECEIVED-REGION 1
ML10
104301

AUG 26 1985

TRAINING AND EXPERIENCE OF EACH INDIVIDUAL NAMED IN ITEM 1 (Use supplemental sheets if necessary)

8. TYPE OF TRAINING	WHERE TRAINED	DURATION OF TRAINING	ON THE JOB (Circle answer)	FORMAL COURSE (Circle answer)
a. Principles and practices of radiation protection	Pressed Steel Tank Co./ Rocketdyne Div. N. American Aviation	1½ Years	<input checked="" type="radio"/> Yes <input type="radio"/> No	<input checked="" type="radio"/> Yes <input type="radio"/> No
b. Radioactivity measurement standardization and monitoring techniques and instruments	Appleton Mills/ The Draper Felt Co., Inc.	15 years	<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	Marquette University	1 sem.	<input type="radio"/> Yes <input type="radio"/> No	<input checked="" type="radio"/> Yes <input type="radio"/> No
d. Biological effects of radiation	Marquette University	1 sem.	<input type="radio"/> Yes <input type="radio"/> No	<input checked="" type="radio"/> Yes <input type="radio"/> No

9. EXPERIENCE WITH RADIATION (Actual use of radioisotopes or equivalent experience)

ISOTOPE	MAXIMUM AMOUNT	WHERE EXPERIENCE WAS GAINED	DURATION OF EXPERIENCE	TYPE OF USE
AM 241	100 mc	Appleton Mills	6 years	Mass monitoring on Paper Machines
AM 241	100 mc	Draper Bros. Co., Inc.	9 years	Same as above.

10. RADIATION DETECTION INSTRUMENTS (Use supplemental sheets if necessary)

TYPE OF INSTRUMENTS (Include make and model number of each)	NUMBER AVAILABLE	RADIATION DETECTED	SENSITIVITY RANGE (mR/hr)	WINDOW THICKNESS (mg/cm ²)	USE (Monitoring, surveying, measuring)

11. METHOD, FREQUENCY, AND STANDARDS USED IN CALIBRATING INSTRUMENTS LISTED ABOVE

12. FILM BADGES, DOSIMETERS, AND BIO ASSAY PROCEDURES USED (For film badges, specify method of calibrating and processing, or name of supplier)

INFORMATION TO BE SUBMITTED ON ADDITIONAL SHEETS IN DUPLICATE

13. FACILITIES AND EQUIPMENT. Describe laboratory facilities and remote handling equipment, storage containers, shielding, fume hoods, etc. Explanatory sketch of facility is attached. (Circle answer) Yes No
14. RADIATION PROTECTION PROGRAM. Describe the radiation protection program including control measures. If application covers sealed sources, submit leak testing procedures where applicable, name, training, and experience of person to perform leak tests, and arrangements for performing initial radiation survey, servicing, maintenance and repair of the source.
15. WASTE DISPOSAL. If a commercial waste disposal service is employed, specify name of company. Otherwise, submit detailed description of methods which will be used for disposing of radioactive wastes and estimates of the type and amount of activity involved.

CERTIFICATE (This item must be completed by applicant)

16. THE APPLICANT AND ANY OFFICIAL EXECUTING THIS CERTIFICATE ON BEHALF OF THE APPLICANT NAMED IN ITEM 1, CERTIFY THAT THIS APPLICATION IS PREPARED IN CONFORMITY WITH TITLE 10, CODE OF FEDERAL REGULATIONS, PART 30, AND THAT ALL INFORMATION CONTAINED HEREIN, INCLUDING ANY SUPPLEMENTS ATTACHED HERETO, IS TRUE AND CORRECT TO THE BEST OF OUR KNOWLEDGE AND BELIEF

The Draper Felt Company, Inc.

Applicant named in item 1

Date August 21, 1985

By R. Wayne Lege

Radiation Safety Officer

Title of certifying official

WARNING.—18 U. S. C., Section 1001; Act of June 25, 1948, 62 Stat. 749; makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction

TRAINING AND EXPERIENCE OF EACH INDIVIDUAL NAMED IN ITEM 1

(Use supplemental sheets if necessary)

8 TYPE OF TRAINING	WHERE TRAINED	DURATION OF TRAINING	ON THE JOB (Circle answer)	FORMAL COURSE (Circle answer)
a Principles and practices of radiation protection	Draper Brothers Co., Inc. Canton, MA		Yes No	Yes No
b Radioactivity measurement standardization and monitoring techniques and instruments	Draper Brothers Co., Inc. Canton, MA		Yes No	Yes No
c Mathematics and calculations basic to the use and measurement of radioactivity	----- Draper Brothers Co., Inc. Canton, MA		Yes No	Yes No
d Biological effects of radiation			Yes No	Yes No

9 EXPERIENCE WITH RADIATION (Actual use of radioisotopes or equivalent experience)

ISOTOPE	MAXIMUM AMOUNT	WHERE EXPERIENCE WAS GAINED	DURATION OF EXPERIENCE	TYPE OF USE
AM 241	100 mc	Draper Bros. Co., Inc. Canton, MA	10 years	Mass monitoring of fabric and mass monitoring of Paper Machines.

10 RADIATION DETECTION INSTRUMENTS (Use supplemental sheets if necessary)

TYPE OF INSTRUMENTS (Include make and model number of each)	NUMBER AVAILABLE	RADIATION DETECTED	SENSITIVITY RANGE (mr/hr)	WINDOW THICKNESS (mg/cm ²)	USE (Monitoring, surveying, measuring)

11 METHOD, FREQUENCY, AND STANDARDS USED IN CALIBRATING INSTRUMENTS LISTED ABOVE

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- 13 FACILITIES AND EQUIPMENT. Describe laboratory facilities and remote handling equipment, storage containers, shielding, fume hoods, etc. Explanatory sketch of facility is attached. (Circle answer) Yes No
- 14 RADIATION PROTECTION PROGRAM. Describe the radiation protection program including control measures. If application covers sealed sources, submit leak testing procedures where applicable, name, training, and experience of person to perform leak tests, and arrangements for performing initial radiation survey, servicing, maintenance and repair of the source.
- 15 WASTE DISPOSAL. If a commercial waste disposal service is employed, specify name of company. Otherwise, submit detailed description of methods which will be used for disposing of radioactive wastes and estimates of the type and amount of activity involved.

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8. TYPE OF TRAINING	WHERE TRAINED	DURATION OF TRAINING	ON THE JOB (Circle answer)	FORMAL COURSE (Circle answer)
a. Principles and practices of radiation protection	Draper Brothers Co., Inc. Canton, MA	1 yr.	Yes No	Yes No
b. Radioactivity measurement standardization and monitoring techniques and instruments	Draper Brothers Co., Inc. Canton, MA.	1 yr.	Yes No	Yes No
c. Mathematics and calculations basic to the use and measurement of radioactivity	Draper Brothers Co., Inc. Canton, MA	1 yr.	Yes No	Yes No
d. Biological effects of radiation	U. of Tennessee Knoxville, TN.	2 yrs.	Yes No	Yes No

9. EXPERIENCE WITH RADIATION (Actual use of radioisotopes or equivalent experience)

ISOTOPE	MAXIMUM AMOUNT	WHERE EXPERIENCE WAS GAINED	DURATION OF EXPERIENCE	TYPE OF USE
AM 241	100 mc	Draper Brothers Co., Inc. Canton, MA.	1 year.	Mass monitoring of Paper Machines

10. RADIATION DETECTION INSTRUMENTS (Use supplemental sheets if necessary)

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b. Radioactivity measurement standardization and monitoring techniques and instruments	Draper Brothers Co., Inc. Canton, MA		Yes <input type="radio"/> No <input checked="" type="radio"/>	Yes <input type="radio"/> No <input checked="" type="radio"/>
c. Mathematics and calculations basic to the use and measurement of radioactivity	Draper Brothers Co., Inc. Canton, MA		Yes <input type="radio"/> No <input checked="" type="radio"/>	Yes <input type="radio"/> No <input checked="" type="radio"/>
d. Biological effects of radiation	Draper Brothers Co., Inc. Canton, MA		Yes <input type="radio"/> No <input checked="" type="radio"/>	Yes <input type="radio"/> No <input checked="" type="radio"/>

9. EXPERIENCE WITH RADIATION (Actual use of radioisotopes or equivalent experience)

ISOTOPE	MAXIMUM AMOUNT	WHERE EXPERIENCE WAS GAINED	DURATION OF EXPERIENCE	TYPE OF USE
AM 241	100 mc	Draper Brothers Co., Inc. Canton, MA.	12 years	Mass monitoring on Paper Machines and in plant use.
KR85	1200 mc	Draper Brothers Co., Inc. Canton, MA.	12 years	Same as above.

10. RADIATION DETECTION INSTRUMENTS (Use supplemental sheets if necessary)

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The Draper Felt Company, Inc.

Applicant named in item 1

Date August 21, 1985

By R. Wayne Latta

Radiation Safety Officer

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a. Principles and practices of radiation protection	Draper Brothers Co., Inc. Canton, MA		Yes No	Yes No
b. Radioactivity measurement standardization and monitoring techniques and instruments	Draper Brothers Co., Inc. Canton, MA		Yes No	Yes No
c. Mathematics and calculations basic to the use and measurement of radioactivity	Draper Brothers Co., Inc. Canton, MA		Yes No	Yes No
d. Biological effects of radiation	Draper Brothers Co., Inc. Canton, MA		Yes No	Yes No

9. EXPERIENCE WITH RADIATION (Actual use of radioisotopes or equivalent experience)

ISOTOPE	MAXIMUM AMOUNT	WHERE EXPERIENCE WAS GAINED	DURATION OF EXPERIENCE	TYPE OF USE
AM 241	100 mc	Draper Bros. Co., Inc. Canton, MA	7 yrs.	Mass monitoring of Fabric.
KR85	1200 mc	Draper Bros. Co., Inc. Canton, MA	6 yrs.	Same as above

10. RADIATION DETECTION INSTRUMENTS (Use supplemental sheets if necessary)

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