

MATERIALS LICENSE

Amendment No. 02

Pursuant to the Atomic Energy Act of 1954, as amended, the Energy Reorganization Act of 1974 (Public Law 93-438), and Title 10, Code of Federal Regulations, Chapter I, Parts 30, 31, 32, 33, 34, 35, 36, 39, 40, and 70, and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued authorizing the licensee to receive, acquire, possess, and transfer byproduct, source, and special nuclear material designated below; to use such material for the purpose(s) and at the place(s) designated below; to deliver or transfer such material to persons authorized to receive it in accordance with the regulations of the applicable Part(s). This license shall be deemed to contain the conditions specified in Section 183 of the Atomic Energy Act of 1954, as amended, and is subject to all applicable rules, regulations, and orders of the Nuclear Regulatory Commission now or hereafter in effect and to any conditions specified below.

OFFICIAL RECORD COPY

Licensee	In accordance with letter dated May 2, 1997,	
1. VFL Technology Corporation	3. License Number 37-28646-01 is amended in its entirety to read as follows:	
2. 16 Hagerty Boulevard West Chester, Pennsylvania 19382	4. Expiration Date	July 31, 2001
	5. Docket or Reference No.	030-32349
6. Byproduct, Source, and/or Special Nuclear Material	7. Chemical and/or Physical Form	8. Maximum Amount that Licensee May Possess at Any One Time Under This License
A. Cesium 137 B. Americium 241	A. Sealed sources B. Sealed neutron sources	A. 100 millicuries B. 500 millicuries
9. Authorized use		
A. and B. For possession and use in Troxler Electronic Laboratories, Inc., Campbell Pacific Nuclear Corp., Humboldt Scientific, Inc., Seaman Nuclear Corporation, or Soiltest, Incorporated devices which have been evaluated and approved for licensing purposes under a license issued by the Nuclear Regulatory Commission or any Agreement State.		

CONDITIONS

10. Licensed material may be stored at the licensee's facilities located at 16 Hagerty Boulevard, West Chester, Pennsylvania, and may be used only at temporary job sites of the licensee anywhere in the United States where the U.S. Nuclear Regulatory Commission maintains jurisdiction for regulating the use of licensed material.
11. A. Licensed material shall only be used by, or under the supervision and in the physical presence of, Anthony W. Polini, Jr., or individuals who have successfully completed the manufacturer's training program for gauge users, have been instructed in the licensee's routine and emergency operating procedures and who have been designated in writing by the Radiation Safety Officer.
- B. The Radiation Safety Officer for this license is Anthony W. Polini, Jr.
12. A. Sealed sources and detector cells containing licensed material shall be tested for leakage and/or contamination at intervals not to exceed six months or at such other intervals as are specified by the certificate of registration referred to in 10 CFR 32.210, not to exceed three years.

9A0024
9706240024 970602
PDR ADOCK 03032349
C PDR



ML 10

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License number

37-28646-01

Docket or Reference number

030-32349

Amendment No. 02

12. B. Notwithstanding Paragraph A of this Condition, sealed sources designed to emit alpha particles shall be tested for leakage and/or contamination at intervals not to exceed three months.
- C. In the absence of a certificate from a transferor indicating that a leak test has been made within six months prior to the transfer, a sealed source or detector cell received from another person shall not be put into use until tested.
- D. Each sealed source fabricated by the licensee shall be inspected and tested for construction defects, leakage, and contamination prior to any use or transfer as a sealed source.
- E. Sealed sources and detector cells need not be leak tested if:
- (i) they contain only hydrogen-3; or
 - (ii) they contain only a radioactive gas; or
 - (iii) the half-life of the isotope is 30 days or less; or
 - (iv) they contain not more than 100 microcuries of beta and/or gamma emitting material or not more than 10 microcuries of alpha emitting material; or
 - (v) they are not designed to emit alpha particles, are in storage, and are not being used. However, when they are removed from storage for use or transfer to another person, and have not been tested within the required leak test interval, they shall be tested before use or transfer. No sealed source or detector cell shall be stored for a period of more than 10 years without being tested for leakage and/or contamination.
- F. The test shall be capable of detecting the presence of 0.005 microcurie of radioactive material on the test sample. If the test reveals the presence of 0.005 microcurie or more of removable contamination, a report shall be filed with the U.S. Nuclear Regulatory Commission and the source or detector cell shall be removed immediately from service and decontaminated, repaired, or disposed of in accordance with Commission regulations. The report shall be filed within five days of the date the leak test result is known with the U.S. Nuclear Regulatory Commission, Region I, ATTN: Chief, Nuclear Materials Safety Branch, 475 Allendale Road, King of Prussia, Pennsylvania 19406. The report shall specify the source or detector cell involved, the test results, and corrective action taken.
- G. The licensee is authorized to collect leak test samples for analysis by Troxler Electronics Laboratories, Incorporated. Alternatively, tests for leakage and/or contamination may be performed by persons specifically licensed by the Commission or an Agreement State to perform such services.
13. Sealed sources or detector cells containing licensed material shall not be opened or sources removed from source holders by the licensee.

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

PAGE	OF	PAGES
License number	37-28646-01	
Docket or Reference number	050-32349	
Amendment No. 02		

14. The licensee shall conduct a physical inventory every six months to account for all sealed sources and devices containing licensed material received and possessed under the license.
15. The licensee shall not acquire licensed material in a sealed source or device unless the source or device has been registered with the U.S. Nuclear Regulatory Commission pursuant to 10 CFR 32.210 or equivalent regulations of an Agreement State.
16. Each portable nuclear gauge shall have a lock or outer locked container designed to prevent unauthorized or accidental removal of the sealed source from its shielded position. The gauge or its container must be locked when in transport, storage or when not under the direct surveillance of an authorized user.
17. Any cleaning, maintenance, or repair of the gauge(s) that requires removal of the source rod shall be performed only by the manufacturer or by other persons specifically licensed by the Commission or an Agreement State to perform such services.
18. The licensee is authorized to transport licensed material in accordance with the provisions of 10 CFR Part 71, "Packaging and Transportation of Radioactive Material."
19. Except as specifically provided otherwise in this license, the licensee shall conduct its program in accordance with the statements, representations, and procedures contained in the documents, including any enclosures, listed below. The Nuclear Regulatory Commission's regulations shall govern unless the statements, representations, and procedures in the licensee's application and correspondence are more restrictive than the regulations.
 - A. Application dated April 22, 1991
 - B. Telefax received July 10, 1991
 - C. Telefax received July 11, 1991
 - D. Telefax received July 16, 1991
 - E. Letter dated October 3, 1995

For the U.S. Nuclear Regulatory Commission

Original Signed By:

John R. McGrath

Date

JUN - 2 1997

By

Nuclear Materials Safety Branch
Region I

King of Prussia, Pennsylvania 19406

JUN - 2 1997

Anthony W. Polini
Corporate Health and Safety Supervisor
VFL Technology Corporation
16 Hagerty Blvd.
West Chester, PA 19382

Dear Mr. Polini:

This refers to your license amendment request. Enclosed with this letter is the amended license. Please note that as part of this amendment, in accordance with 10 CFR 30.36, effective February 15, 1996, the expiration date of your license has been extended by a period of five years. Your new expiration date is stated in Item 4 of the license.

Please review the enclosed document carefully and be sure that you understand and fully implement all the conditions incorporated into the amended license. If there are any errors or questions, please notify the U.S. Nuclear Regulatory Commission, Region I Office, Licensing Assistance Team, (610) 337-5093 or 5239, so that we can provide appropriate corrections and answers.

Thank you for your cooperation.

Sincerely,

Original Signed By:
John R. McGrath

John R. McGrath
Senior Health Physicist
Division of Nuclear Materials Safety

License No. 37-28646-01
Docket No. 030-32349
Control No. 124615

Enclosure:
Amendment No. 02

OFFICIAL RECORD COPY

ML 10

DOCUMENT NAME: R:\WPS\MLTR\L3728646.01

To receive a copy of this document, indicate in the box: "C" = Copy w/o attach/encl "E" = Copy w/ attach/encl "N" = No copy

OFFICE	DNMS/RI	N	DNMS/RI				
NAME	McGrath <i>JAW</i>						
DATE	06/02/97		06/ /97		06/ /97		06/ /97

OFFICIAL RECORD COPY

VFL TECHNOLOGIES CORPORATION

16 Hagerty Boulevard
West Chester, PA 19382-7594
610-918-1100
FAX 610-918-7222

MSK
Q-4

FAX TRANSMISSION

~~This facsimile transmission contains CONFIDENTIAL INFORMATION which also may be LEGALLY PRIVILEGED and which is intended only for the use of the addressee(s) named below. If you are not the intended recipient, you are hereby notified that any dissemination or copying of this facsimile is strictly prohibited. If you received this facsimile in error, please notify us IMMEDIATELY by phone and return the original facsimile to us by return mail at the above address.~~

TO: John McCreath

FROM: Tony Polini

SUBJECT: Broker Certificate

DATE: 6/2/97

PAGES TO FOLLOW: 2

SPECIAL INSTRUCTIONS:

Re: Conversation

IF THERE ARE ANY PROBLEMS WITH THIS TRANSMITTAL PLEASE CONTACT
AT (610) 918-1100

124615

TROXLER ELECTRONIC LABORATORIES, INC.

HEREBY CERTIFIES THAT

ANTHONY POLINI JR.

of

VFL TECHNOLOGY CORP.

HAS SUCCESSFULLY COMPLETED THE TROXLER ELECTRONIC LABORATORIES, INC.
TRAINING COURSE FOR THE USE OF NUCLEAR TESTING EQUIPMENT.

SUBJECTS INCLUDED IN THIS COURSE WERE AS FOLLOWS:

Radiological Safety

1. Principles and practices of radiation protection.
2. Leak testing procedures.
3. Mathematics and calculations basic to the use and measurement of radioactivity.
4. Biological effects of radiation.
5. Radioactivity measurement standardization and monitoring techniques and instruments.
6. Accident and incident procedures.
7. Procedures for nuclear gauge storage and transportation.
8. General safety precautions.

Gauge Operation

1. Instrument theory
2. Operating procedures
3. Maintenance
4. Field application
5. Gauge calibration

CERTIFICATE #: 077159

4/29/97

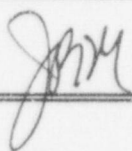
DATE

Harvey Dunlevy
HARVEY DUNLEVY

INSTRUCTOR

WILLIAM P. TROXLER

PRESIDENT

TELEPHONE CONVERSATION RECORD		Date: 6/2/97	Time:
Mail Control No.: 124615		License No.:	Docket No.:
Person Called: Anthony Polini		Organization: VFL	Telephone Number:
Person Calling:			
Subject: Application			
Summary: Requested copy of Troxler Certificate			
Action Required/Taken:			
Signature: John R. McGrath 		Date: 6/2/97	



May 2, 1997

U.S. Nuclear Regulatory Commission
Regional Office - Region I
Branch #3
475 Allendale Rd.
King of Prussia, PA 19406

030-32349

Due to personnel changes, VFL has elected to have the Corporate Health and Safety Supervisor serve as the Radiation Safety Officer, this would relieve Mr. Michael Laganelli from all RSO duties.

As per conversation with your office, VFL submits the following qualifications and appropriate monetary fees for your consideration and approval.

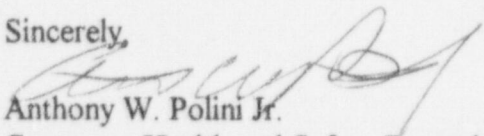
VFL requests that Mr. Anthony W. Polini, Jr. be considered for the RSO position. Mr. Polini has a Bachelor of Science degree from Millersville State University in Occupational Safety and Industrial Hygiene Management. During his undergraduate studies, Mr. Polini received education in both ionizing and non-ionizing radiation. He is currently certified to use Troxler nuclear gauge instrumentation and has logged approximately 2000 hours of health and safety over-site for work sites using Troxler nuclear gauges. Mr. Polini currently supervises an on-going project that has 8 Graseby-Andersen "Beta-unit" PM-10 particulate monitors which use a Krypton 85 radiation source. Practical field experience includes X-ray and sealed-source radiation dose rate surveys in manufacturing facilities. Mr. Polini regularly performs the Radiation Health Physics portion of monthly HAZWOPER training program.

Please inform VFL of your decision at your earliest convenience, send all correspondence to:

VFL Technology Corporation
Attn: Health and Safety Supervisor
16 Hagerty Blvd.
West Chester, PA 19382

License No. 37-28646-01
Docket No. 030-32349

Sincerely,


Anthony W. Polini Jr.
Corporate Health and Safety Supervisor

124615

OFFICIAL RECORD COPY

ML 10

MAY 30 1997

Enclosed \$300.00 check for amendment fee.

BETWEEN:

License Fee Management Branch, ARM
and
Regional Licensing Sections

(FOR LFMS USE)
INFORMATION FROM LTS

Program Code: 03121
Status Code: 0
Fee Category: 3P
Exp. Date: 20010731
Fee Comments: _____
Decom Fin Assur Req'd: N

LICENSE FEE TRANSMITTAL

A. REGION I

1. APPLICATION ATTACHED

Applicant/Licensee: VFL TECHNOLOGY CORPORATION
Received Date: 970530
Docket No: 3032349
Control No.: 124615
License No.: 37-28C46-01
Action Type: Amendment

2. FEE ATTACHED

Amount: \$300.00
Check No.: 18204

3. COMMENTS

Signed _____
Date 5/31/97

M. A. Perkins
5/31/97

IN already
as 06/02/97

B. LICENSE FEE MANAGEMENT BRANCH (Check when milestone 03 is entered /__ /)

1. Fee Category and Amount: 3P \$300

2. Correct Fee Paid. Application may be processed for:

Amendment ✓
Renewal _____
License _____

3. OTHER _____

Signed _____
Date 6/3/97

SC
6/3/97

hE:1 Hd E - NNC 1601

Log	<u>Jun 4 I</u>
Remitter	_____
Check No.	<u>18204</u>
Amount	<u>\$300</u>
Fee Category	<u>3P</u>
Type of Fee	<u>AmD</u>
Date Check Rec'd	<u>6/3/97</u>
Date Completed	<u>6/3/97</u>
By:	<u>SC</u>