

APR 19 1985

Drilco, Inc.
ATTN: Mr. Duane Sorenson
Radiation Safety Officer
32 Dundee Park
Andover, Massachusetts 01810

Gentlemen:

This refers to your letter dated March 26, 1985, for an amendment to Materials License 20-20780-01 to add Steven J. Wallack and David A. Pinkham as authorized users.

An amendment fee of \$60 is required as specified in §170.31 (3P) of 10 CFR 170, copy enclosed. Payment should be made to the U.S. Nuclear Regulatory Commission and mailed to my attention at our Washington, D.C. address.

Your application will be processed by the Region I Licensing staff located at 631 Park Avenue, King of Prussia, Pennsylvania 19406. The fee, however, is required prior to issuance of the amendment. When submitting the fee, please refer to CONTROL NUMBER 103638.

Sincerely,

*Original Signed By
Glenda Jackson*

Glenda Jackson
License Fee Management Branch
Office of Administration

Enclosure:
10 CFR 170

cc: Region I

DISTRIBUTION:
Pending Fee File
Weekly Reading File
Materials Reading File

8510280202 850611
REG1 LIC30
20-20780-01 PDR

OFFICE	LFMB:ADM	LFMB:ADM					
SURNAME	FBrown:rej	GJackson					
DATE	4/18/85	4/18/85					

The Glenbrook Company, Inc.



March 26, 1985

20-20780-01

Drilco, Inc.
32 Dundee Park
Andover, Ma. 01810
Attn: Duane Sorenson, R.S.O.

Dear Duane:

Enclosed are the certificates of radiation safety training taken on March 22 in Danvers. Copies of these certificates and a copy of your license should be sent to:

U.S. Nuclear Regulatory Commission
Materials Licensing Section, Region I
631 Park Ave.
King of Prussia, Pa. 19406

Include a cover letter stating that you would like these names added to your license as trained Lixiscope supervisory personnel.

Sincerely,
The Glenbrook Co., Inc.

Gil Zweig

*Enclosed is two names I would like to add
to our license.*

Thank You

Fee Unpaid

~~Withdrawn/Abandoned~~

"OFFICIAL RECORD COPY"

1985 APR -5 PM 3:22

RECEIVED-REGION I

ML10

03638

P.O. Box 262 Morris Plains, N.J. 07950 U.S.A. (201) 538-2602

Telex 219744

APR 08 1985

RECEIVED BY	FMB
Date	4/15/85
By	April 6 I
Orig To	2 room
Action Compl	7/25/85

MATERIALS LICENSE

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 1, Parts 30, 31, 32, 33, 34, 35, 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.

Licensee

1. Drilco, Inc.

3. License number 20-20780-01

2. 32 Dundee Park
Andover, Massachusetts 01810

4. Expiration date December 31, 1989

5. Docket or
Reference No. 030-220666. Byproduct, source, and/or
special nuclear material7. Chemical and/or physical
form8. Maximum amount that licensee
may possess at any one time
under this license

A. Iodine 125

A. Sealed source (Amersham
Model IMP. P2 or AECL
Model C.324)A. 2 curies (4 sources Not
to exceed 500 millicuries
each)

9. Authorized use

A. For use in Lixiscope Model LS-80-X (Series) or LS-82-X (Series) for the examination of electronic multilayer printed circuit boards.

CONDITIONS

10. Licensed material shall be used only at the licensee's facilities at 44 Rogers Road, Ward Hill, Haverhill, Massachusetts, or 32 Dundee Park, Andover, Massachusetts.
11. The licensee shall comply with the provisions of Title 10, Chapter 1, Code of Federal Regulations, Part 19, "Notices, Instructions, and Reports to Workers; Inspections" and Part 20, "Standards for Protection Against Radiation."
12. Licensed material shall be used by, or under the supervision and in the physical presence of, Duane Sorenson, Donald Belanger, or Richard Breslin.
13. A. Each sealed source containing licensed material, other than Hydrogen 3, with a half-life greater than thirty days and in any form other than gas shall be tested for leakage and/or contamination at intervals not to exceed six months. In the absence of a certificate from a transferor indicating that a test has been made within six months prior to the transfer, a sealed source received from another person shall not be put into use until tested.
- B. The test shall be capable of detecting the presence of 0.005 microcurie of radioactive material on the test sample. The test sample shall be taken from the sealed source or from the surfaces of the device in which the sealed source is permanently mounted or stored on which one might expect contamination to accumulate. Records of leak test results shall be kept in units of microcuries and maintained for inspection by the Commission.

DA 8418120434

MATERIALS LICENSE
SUPPLEMENTARY SHEET

License number

20-20780-01

Docket or Reference number

030-22066

(13.continued)

CONDITIONS

- C. If the test reveals the presence of 0.005 microcurie or more of removable contamination, the licensee shall immediately withdraw the sealed source from use and shall cause it to be decontaminated and repaired or to be disposed of in accordance with Commission regulations. A report shall be filed within 5 days of the test with the U. S. Nuclear Regulatory Commission, Region I, 631 Park Avenue, King of Prussia, Pennsylvania 19406, describing the equipment involved, the test results, and the corrective action taken.
- D. The licensee is authorized to collect leak test samples in accordance with the procedures described in the licensee's application dated November 5, 1984, for analysis by S. A. Huber Consultants, Inc. Alternatively, leak test samples may be collected and/or analyzed by other persons specifically authorized by the Commission or an Agreement State to perform such services.
14. Sealed sources containing licensed material shall not be opened.
15. The licensee may transport licensed material or deliver licensed material to a carrier for transport in accordance with the provisions of Title 10, Code of Federal Regulations, Part 71, "Packaging of Radioactive Material for Transport and Transportation of Radioactive Material Under Certain Conditions."
16. The licensee is authorized to perform the Lixiscope source replacement-exchange of the source holder (head) in accordance with the instructions in the Lixiscope Instruction Manual.
17. Licensed material shall not be used in or on human beings or in products distributed to the public.
18. Except as specifically provided otherwise by this license, the licensee shall possess and use licensed material described in Items 6, 7, and 8 of this license in accordance with statements, representations, and procedures contained in application dated November 5, 1984. The Nuclear Regulatory Commission's regulations shall govern the licensee's statements in applications or letters, unless the statements are more restrictive than the regulations.

For the U.S. Nuclear Regulatory Commission

28 NOV 1984

Date _____

By

Nuclear Materials and Safeguards Branch
Region I
King of Prussia, Pennsylvania 19406

FORMAL TRAINING IN RADIATION SAFETY AND EXPERIENCE

Ref: NRC 3131 - Items 16 and 17

Item 16 - Training

This is to certify that the following individuals have attended the Lixiscope Training Course in accordance with the course descriptions on file with the Nuclear Regulatory Commission:

Names (Type or Print)

Signatures

STEVEN J WALLACK

Steven J Wallack

David Allen Pinkham

David A. Pinkham

Company Name Drilco, Inc.

Address 32 Dundee Park

City, State, Zip Andover, Ma. 01810

Telephone # (617) 475-8120

This training was completed on March 22, 1985 (Date)

Item 17 - Experience

A brief resume is attached for each individual to be covered under items 6 and 7 on form NRC 3131. This also certifies that such individual(s) have personally operated a working Lixiscope, under supervision, in the aforementioned course.

The applicant and any instructor executing this certificate on behalf of the 2 person(s) listed above, certify that this document is prepared in conformity with Title 10, Code of Federal Regulations, and that all information contained herein is true and correct to the best of our knowledge and belief.

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.

Certification by:
The Glenbrook Company, Inc.
Morris Plains, New Jersey 07950
NRC Lic. No 29-21464-01

Instructor Gilbert Zweig
(type or print)

Gilbert Zweig
(signature)

Date March 22, 1985

BETWEEN: William O. Miller, Chief
License Fee Management Branch
Office of Administration

John E. Glenn, Chief
Nuclear Materials Section B
Division of Engineering and
Technical Programs

LICENSE FEE TRANSMITTAL

A. REGION

1. APPLICATION ATTACHED

Applicant/Licensee: Drilco, Inc.
Application Dated: 3/26/85
Control No.: 03638
License No.: 20-20780-01

2. FEE ATTACHED

Amount: 0
Check No.: 0

3. COMMENTS

Signed Brandal Blatchek
Date 4/9/85

B. LICENSE FEE MANAGEMENT BRANCH

1. Fee Category and Amount: 30
2. Correct Fee Paid. Application may be processed for:
- Amendment _____
- Renewal _____
- License _____

Signed _____
Date _____

NOTE TO: License Fee Management Branch, ADM

FROM: Region I

SUBJECT: VOIDED APPLICATION

Control Number

103638

Applicant

Dulco Inc.

Date Voided

7-30-'85

Reason for Void

Abandonment for
nonpayment fee.
Per Glenda.

Signature

SLJ

Attachment:
Application

RECEIVED

'85 AUG -2 P1:06

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

OK LFM B