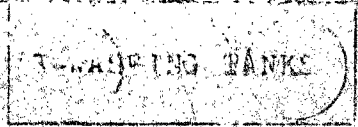


FACILITIES AND DEVICES
S. F. APPLIANCES LTD.

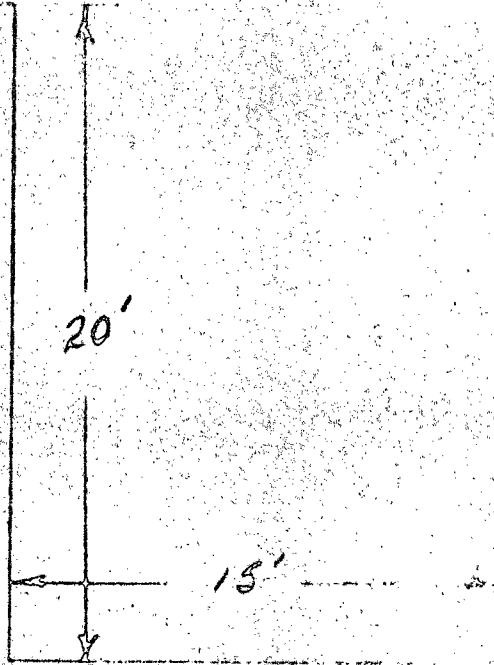
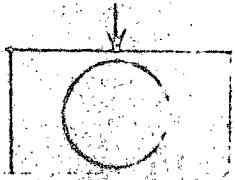
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EXIT

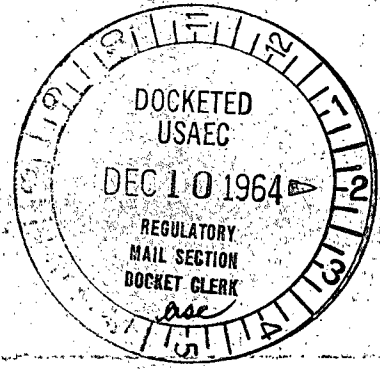


CENTRIFUGAL EXTRACTOR

CENTRIFUGAL EXHAUST
BLOWER UNIT, 100 WATTS
CAP. 20,000 CFM.

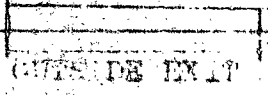


DOUBLE DRYING CABINET



ENCLOSED ELEVATOR

DOUBLE DRYING CABINET



40'

NOV 10 1964

DISTRIBUTION:
Doc. Room
Compliance
Suppl.
Br. & Div. RFS

DML:CEM
40-215

S. F. Appliances Limited
50 Broad Street
New York 4, New York

Attention: Mr. K. G. Calaway
Vice President

Gentlemen:

This refers to your application dated January 9, 1964, requesting renewal of Source Material License No. STB-258. In connection with our review of this application, please provide within thirty (30) days from the date of this letter the following information as it pertains to your facility at Morris, Illinois.

1. Floor plan of thorium process area at your Morris, Illinois facility showing location and type of process equipment, and location and type of ventilation equipment installed to control dispersion of airborne radioactivity.
2. A description of your methods for controlling the spread of contamination within the facility including provisions for control of personnel entering or leaving thorium process areas (e.g. protective clothing, showering, decontamination, unauthorized access), decontamination procedures and type and frequency of surveys to determine adequacy of such control procedures.
3. A description of your methods for the disposal of liquid waste. If liquid wastes are discharged to unrestricted areas, describe your method for determining the concentration of radioactive materials in such wastes.
4. A description of your methods for evaluating personnel exposure to concentrations of airborne radioactivity including type of equipment, minimum frequency and location of such surveys.

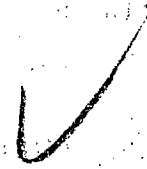
Very truly yours,

OFFICE ▶	DML	DML			
SURNAME ▶	<i>CEM</i> CMacDonald:jb	<i>RL</i> RLayfield	Robert L. Layfield	Source & Special Nuclear Materials Branch	Division of Materials Licensing
DATE ▶	11/15/64	11/10/64			

Bochet Files

SLR:EH
40-215

AUG 18 1964



S. F. Appliances Limited
50 Broad Street
New York 4, New York

Attention: Mr. R. G. Calaway
Vice President

Gentlemen:

Thank you for your letter of August 7, 1964 in reply to our letter dated June 11, 1964.

Your cooperation with us is appreciated.

Very truly yours,

Eber R. Price
Director
Division of State and
Licensee Relations

bcc: Compliance Div., HQ)
Compliance Div., I) w/cpy ltr 8-7-64
Compliance Div., III)
Public Document Room

OFFICE ▶	SLR:EB RH:hgs:RSP	SLR ERPrice				
SURNAME ▶	<i>[Handwritten Signature]</i>	<i>[Handwritten Signature]</i>				(30)
DATE ▶	8-14-64					

JAN 31 1964

DLR:CEM
10-215

S. F. Appliances Limited
50 Broad Street
New York 2, New York

Attention: Mr. I. Delgado
Vice President

Gentlemen:

This refers to your application dated January 9, 1964, for renewal of AEC Source Material License No. STB-258.

Pursuant to the provisions of Section 40.43, 10 CFR 40, in any case in which a licensee, not less than thirty (30) days prior to expiration of his existing license, has filed an application in proper form for renewal or for a new license, such existing license shall not expire until the application for renewal or for a new license has been finally determined by the Commission.

Your application for renewal was filed on a timely basis. Accordingly, your existing license shall not expire until your renewal application has been finally determined by the Commission.

Distribution

Doc. Rm.
Suppl.
Br. & Div. rfs.
Compliance

Very truly yours,

Donald A. Nussbaumer, Chief
Source & Special Nuclear Materials Branch
Division of Licensing and Regulation

OFFICE ▶	DL&R (RM)	DL&R DN				
SURNAME ▶	CMcDonald/cvd	DNussbaumer				(22)
DATE ▶	1/29/64	1/31/64				

FROM: **F. APPLIANCES LIMITED**
New Jersey (Paterson)
L. Balgode

DATE OF DOCUMENT: **1-13-54** DATE RECEIVED: **1-19-54** NO. **146**

TO: **Bushauer**

LTR. MEMO: REPORT: OTHER:

ORIG. CC: OTHER:

CLASSIF: **U** POST OFFICE REG. NO:

ACTION NECESSARY CONCURRENCE DATE ANSWERED:
NO ACTION NECESSARY COMMENT BY:

FILE CODE: **40-215**

DESCRIPTION: (Must Be Unclassified)
Ltr. requesting that we renew Lic. 878-258.

REFERRED TO DATE RECEIVED BY DATE

Bushauer: 1-13

**w/ file copy & file--FOR ACTION
copy for Compliance
1 extra**

ENCLOSURES:

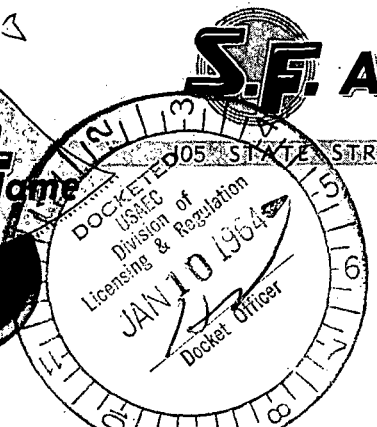
REMARKS: **W R Distributions: 1 - AEC PDR**

ACKNOWLEDGED

146



SF APPLIANCES LIMITED



105 STATE STREET • PATERSON 17, NEW JERSEY, U.S.A.

Telephone: ARmory 1-1658

Address all correspondence to
EXPORT and EXECUTIVE OFFICE
50 Broad Street, New York 4,
New York, U.S.A.

Phone: WHitehall 3-8241-2-3-4
Cables: SUFLACO

January 9, 1964

United States Atomic Energy Commission
Washington, 25, D. C.

Att:- Mr. Donald A. Nussbaumer, Chief,
Source & Special Nuclear Materials Branch
Division of Licensing & Regulation

Ref:- Source Material License #STB-258
Your Docket No. 40-215

L&R File Copy

Gentlemen:-

Please accept this letter as our application for renewal of our Source Material License #STB-258, which permits the receipt, possession and use of Thorium Nitrate.

As previously explained we use Thorium Nitrate in the manufacture of incandescent mantles at our plant located at 613 W. Washington Avenue, Morris, Illinois. Finished incandescent mantles, ready for shipment to consumer in this country or abroad, are stored in small quantities at our present warehouse at 105 State Street, Paterson, New Jersey. We do not anticipate that we will ever be storing more than 50,000 finished mantles in the Paterson, N.J. warehouse.

As a general rule we receive Thorium Nitrate in drums of 120 pound capacity and the maximum quantity which we propose having in stock at the Morris, Illinois plant will not exceed 360 lbs. at any one time.

Some years back a survey of the Morris plant was conducted and this involved the measurement of gamma activity levels and the taking of air samples of air-borne thorium alpha activity. A copy of that report was made available to you at that time.

In compliance with standards set forth the following procedures have been adopted for the protection of our employees:-

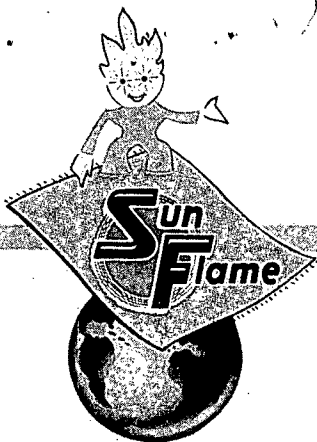
Signs have been posted reading "CAUTION-RADIOACTIVE MATERIAL"
These signs have been prominently placed in the Impregnation Department where the Thorium is used.

COPY PROVIDED
CONF.

ACKNOWLEDGED

continued on page #2.....

(21)



S.F. APPLIANCES LIMITED

105 STATE STREET • PATERSON 17, NEW JERSEY, U.S.A.

Telephone: ARmory 1-1658

Address all correspondence to
EXPORT and EXECUTIVE OFFICE
50 Broad Street, New York 4,
New York, U.S.A.

January 9, 1964

Phone: WHitehall 3-8241-2-3-4
Cables: SUFLACO

United States Atomic Energy Commission
Washington, 25, D. C.

Ref:- Source Material License #STB-258
Your Docket No. 40-215

No. 2

The tubs of Thorium Nitrate are labeled with
radioactivity-caution labels.

Our employees are instructed that radioactive material
must not be ingested, and that they must therefore
refrain from putting the following in the mouth:

Cigarettes
Impregnated Thread
Any other material containing Thorium Nitrate.
Spillage of Thorium impregnating solution
is to be avoided.

Each new employee is advised of the above and is asked to
sign a statement to the effect that he or she is aware of
the radioactive material present in the plant and will
take the necessary precautions.

There is no waste in the use of Thorium.

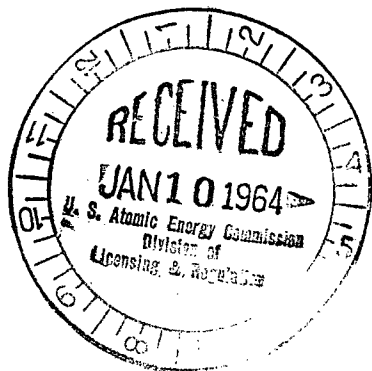
We trust you will find this information sufficient to enable
you to issue early renewal of our Source Material License.

Thanking you, we remain,

Yours very truly,

S. F. APPLIANCES LIMITED

I. Delgado
Vice-President



ID:hs