

EXPERT SYSTEM LICENSE EVALUATION
EVALUATION REPORT FOR LICENSE D-00170

INVENTORY CONTENTS FOR LICENSE NUMBER: D-00170

Docket 40-00215

Licensee: SF APPLIANCES LIMITED & SF PRODUCTS CORP.

Address: PATERSON, NJ

Zip:

This license was listed as SUPERCEDED BY ANOTHER LICENSE

Contents of the new license field STB-00258 IN JUNE, 61

State of operation: NJ

Site used: 105 STATE ST., PATERSON, NJ.

Disposition information present: NO DISPOSITION INFORMATION GIVEN

Remarks: SUPERCEDING LIC. IS FOR A MORRIS, IL SITE-D-170 NEEDS CLOSEOUT SURVEY

JOB NUMBER: 1449 BOX NUMBER: 10

DESCRIPTION OF ACTIVITY OR FACILITY: FABRICATION OR MANUFACT

--Type and form of materials licensed--

Material--

--Form--

THORIUM OR TH232

Loose material

--For evaluation purposes, amounts of the following materials were obtained--

Material--

--Form--

--Amount--

--Unit--

THORIUM OR TH232

LOOSE

2000.0000000

lb

Rank of the license based on the loose materials licensed: 6

1. License was for loose materials, or materials handled loose
2. There was one identifiable site with this license.
3. Some likelihood that activity could have generated significant contamination
Rank=rank*1.0

Reviewer's comments concerning potential CONTAMINATION

LICENSEE WORKED WITH LOOSE MATERIAL IN OPERATIONS WITH THE POTENTIAL FOR AIRBORNE AND SURFACE CONTAMINATION.

4. There was NO verifiable decontamination of the site at closeout. Rank=rank*1.2
5. There was insufficient information in the file to determine the likelihood of release to atmosphere or environment. Rank not changed.
6. Nature/magnitude of operation should cause small turnover of materials
Rank=rank*0.8

Reviewer's comments concerning potential TURNOVER OF MATERIALS

THEY WERE LICENSED FOR UNLIMITED AMOUNTS-THEREFORE TURNOVER DOES NOT APPLY.

7. There was significant generation of waste material in routine cleanup of facility. Rank=rank*1.5
8. Possible inappropriate disposal or abandonment of contaminated material from cleanup. Rank=rank*1.2
9. No documentation of materials disposition, or

A87

very inadequate ~~Rank~~=rank*1.2

10. There was no information in file indicating burial or dumping by licensee. Rank not changed
11. There were no verifiable intermediate decontamination efforts. No change in rank
12. Because the rank of the license was below 20 at this point, a closeout survey was not necessarily warranted.
13. There was NOT an NRC FINAL INSPECTION of the facility. Rank not changed.

CATEGORY FOR POTENTIAL SITE CONTAMINATION:
MODERATE PRIORITY-Category 1C

The final ranking for SITE CONTAMINATION is: 13

Reviewer's comments concerning license D-00170

The license was issued in March, 57, for the manufacture and export of up to 100,000 mantles per month with unlimited amounts of thorium nitrate licensed for the operation at Paterson, NJ. The amount of material entered for the evaluation was 2000 pounds calculated from figures given in the April, 58, inspection report of 1.5 million mantles per year with a thorium oxide content per mantle of 0.5gms. An inspection of 4-11-58 gives the site as Morris, Il., so they may have been operating at that site also. The superceding license, STB-258, issued in June, 61, is for the Illinois facility. It is difficult to determine the need (depends mainly on the amount of material used and or stored there which is impossible to accurately determine from information in the file) for a closeout survey at the Paterson, NJ. site.

Oak Ridge, TN
March, 92

The 10-4-90 NRC

listing gives STB 258

active license status.