

Docket

MF:M:KSD  
(40-8406)

AUG 15 1975

Pesses Company  
ATTN: Dr. Marvin Pesses, President  
29605 Hall Street  
Solon, Ohio 44139

Gentlemen:

This refers to your application for a source material license to process scrap plate containing up to 2% thorium. We have questions concerning certain aspects of your application. Please clarify the following:

1. Total quantity of source material <sup>involved</sup> requested. In Item 8(d) you specify 10,000 lbs of thorium, and in Item 8(e), 200 lbs. The total possession limit requested should include all raw materials, materials in process and storage, and waste.
2. Thorium content of products or materials for distribution. Will the thorium be uniformly and homogeneously dispersed in a chemical mixture, compound, solution, or alloy in which the source material content is less than 0.05% by weight? In smelting operations similar to the activities described in your application, the thorium has been observed in the slag residues, not in the iron or steel. If your metallurgical process will disperse the thorium and you wish to distribute the materials to persons exempt under the provisions of 40.13(a) of 10 CFR 40, please submit data showing uniformity and concentration and describe your quality control program to be followed to assure continuing uniformity and concentration less than 0.05%. Dilution calculations are not adequate.
3. Waste disposal. If your response to Item 2 shows that the thorium is concentrated in the slag waste, please indicate your methods of disposal and the records to be kept of that disposal.

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REG1 LIC40  
STB-1254 PDR

OFFICE ►						
SURNAME ►						
DATE ►						

Pesses Company

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Review of your application for a source material license will continue upon receipt of the information requested above. Your response should reference Docket No. 40-8406.

Sincerely,

Kitty S. Dragonette  
Materials Branch  
Division of Materials and Fuel  
Cycle Facility Licensing

Enclosures:

1. 10 CFR Parts 20 & 40
2. Waste Disposal Firms

GRESS:EW	OFFICE	MF:M	MF:M	MF:M	MF:M	MF:M
647-348	SURNAME	KSDragonette: end	MBassin	BSinger	DNuesbaumer	R. F. Finner
6/24/75	DATE	6/26/75	6/1/75	8/4/75	6/6/75	8/7/75

Form AEC-318 (Rev. 9-53) AECM 0240

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