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Cooper Metallurgical Assoc.  
AT (30-1) 1561

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FEBRUARY 16 1954

RD:MCK

Special Rereview  
Final Determination  
Unclassified

By: K. A. Walter  
Date: 1980  
P. F. Brown

OH, 13 X

Mr. Walter Weil  
Cooper Metallurgical Associates  
Box 1791  
13600 Deiss Avenue  
Cleveland 5, Ohio

Cooper 1561

Subject: THORIUM POWDER

Dear Mr. Weil:

We wish to thank you sincerely for supplying us with a sample of thorium powder made by your electrolytic process. As you know, Sylvania Electric Products, Inc. has been testing your material to determine its chemical purity and physical properties. On the basis of their report, it appears that your material is of high quality. However, it has certain undesirable properties possibly caused by small amounts of Mg, Ni, and Si. These may well not be inherent in your process. However, we are in no position to determine this and would be interested in any comments you might have relative to this.

At the present time we are in the process of appraising different methods of preparation and feel that the results obtained should help considerably in evaluating your material and method (electrolytic). Meanwhile, if you are in a position to make one, an estimate of the cost per pound for your metal powder based on a commercial sized plant (sized as you feel practical for your process) would be helpful. I have stamped this letter as Official Business Only, signifying that we prefer that the information supplied by us be limited to those in your organization who might require it.

Very truly yours,

V. L. Parsegian, Director

CC: D.W. Lillie, Div. of Research, Research Division

OFFICE	Washington	RD	RD	Prod.	NYOO Reading (2)
SURNAME	R. Kirk	Kells:sh	Parsegian	Huke	
DATE	2/12/54				