

# LUMINOUS PROCESSES, INC.

161 EAST 42<sup>ND</sup> STREET

NEW YORK, N. Y. 10017

1980 MAY 19

LUMINOUS MATERIALS APPLIED TO DIALS  
FOR CLOCKS AND WATCHES, AIRCRAFT  
AND INSTRUMENT DIALS OF ALL TYPES

SCREEN PRINTING  
CABLE ADDRESS  
LUMPROINC - NEW YORK

EXPORT/IMPORT  
AND  
INSTRUMENTAL SFGDRS

May 14, 1980

PLANTS  
OTTAWA, ILL  
ATHENS, GEORGIA  
PETERBOROUGH, CANADA  
DUMFRIES, SCOTLAND

Assistant Director for Export/  
Import and International Safeguards  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Attn: Miss Elaine Hemby

Dear Miss Hemby:

Further in reference to our telephone discussion, we are enclosing a copy of the application for license to export nuclear material and equipment.

We are also enclosing copies of previous correspondence with Mr. A.B. Davis of Region III.

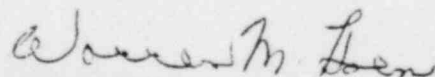
We have closed our Ottawa, Illinois plant and decontamination of the facility will start as soon as state and NRC permission is granted.

The major equipment worth salvaging consists of five autoroll screen printing machines which were used for the application of tritiated luminous compounds to clock dials. We have an affiliated company, Luminous Processes, Ltd., Peterborough, Ontario, Canada, which can make use of these machines, and as they will be used for the same purpose they would be recontaminated as soon as they are used again. This company has a current operating license under the Canadian regulations allowing possession of 350 curies of tritium as tritiated luminous compound.

It is very difficult to estimate the quantity of tritium remaining in or on these machines as there is no effective means of measuring tritium in this form and location, but our best estimate is that it is approximately 10 curies tritium bound of luminiscent zinc sulphide in the form of a tritiated polymer.

If export permission is granted with this application, the shipment will be packaged in accordance to the transport regulations in 49CFR Part 173.392(d).

Very truly yours,



Warren M. Holm

WMH:de

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