



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D. C. 20555

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APR 15 1981



Mr. G. F. Helfrich, Director  
Office of Program Implementation  
Bureau of Oceans and International  
Environmental and Scientific Affairs  
U.S. Department of State  
Washington, D.C. 20520

Dear Mr. Helfrich:

Enclosed for your review is an export license application and an accompanying letter from Gerard Kluyskens Company, Inc. The company requests that a broad license be issued to cover their exports of Cerium Oxide polishing compounds containing uranium and thorium in rare earth compounds to various countries for a number of years. The rare earth polishing compounds are used world-wide for polishing operations on glass. The maximum contained uranium/thorium content does not exceed .25 percent and is a natural constituent of the rare earth compounds. The applicant has advised us that it is not economically feasible to extract the uranium/thorium from the polishing compounds. Last year the company exported almost 250,000 pounds of Cerium Oxide (625 pounds uranium/thorium), and they expect to export greater quantities in the coming years.

To cover these anticipated orders, we propose that a 10-year license be issued which allows unlimited exports of uranium/thorium contained in Cerium Oxide polishing compounds to all countries except Section 110.28 embargoed destinations.

Before taking action on this broad license request, we would appreciate your views, in accordance with established procedures as to whether the proposed exports meet the applicable criteria in the Atomic Energy Act as amended by the Nuclear Nonproliferation Act of 1978.

Sincerely,

James B. Devine, Assistant Director  
Export/Import and International Safeguards  
Office of International Programs

Enclosure:  
Appl. & Ltr.  
dtd. 04/02/81  
(XM08522)

cc w/enclosure:  
Mr. Michael McDonough, DOE  
Mr. Richard L. Williamson, ACDA/NP/NX  
Ms. Sheila Buckley, DOD  
Ms. Nataly Martin, DOE  
Mr. Dan Cook, DOC  
Mr. Robin DeLaBarre, DOS

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