

Hooker Case File  
 Env. Prot. Bureau  
 N.Y.S. Department of Law  
 New York, New York

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## GENERAL SERVICES ADMINISTRATION

October 9, 1951

Mr. J. S. Quidor  
 Director, Administrative Operations Division  
 Operations Office  
 U. S. Atomic Energy Commission  
 P.O. Box 30, Ansonia Station  
 New York City 23, New York

Dear Mr. Quidor:

In the manufacturing processes for the production of metallic magnesium of the Government's National Industrial Reserve Plant located at Painesville, Ohio, 175 to 200 tons of ferrous metal scrap will be consumed each month of operation to eliminate the chlorine fumes which are developed within the electrolytic cells.

This agency is checking all Government locations where suitable scrap may exist. By suitable scrap is meant those ferrous items which have a maximum of surface in proportion to their weight, such as sheet metal less than 1/4" thick; less than 4" pipe; ducts; drums; light structural steel; cable; hoppers; housing; grating, etc.

The ferrous metal will be immersed into weak hydrochloric acid for complete disintegration. The sludge composed of ferrous chlorides and other wastes resulting from the acid reaction is dumped onto waste beds as refuse having no useful value. Any radio-active particles of low intensity present in the scrap would be widely distributed within the sludge and eventually buried within the waste pond.

Mr. R. K. Hallett of this office, in company with Mr. T.B. Carberry and Mr. H. Baum of the New York Office, visited the Ontario Ordnance Facility on October 4th and 5th and inspected the ferrous scrap located thereon.

It is estimated that 90% of the available scrap will meet General Services Administration requirements and a transfer of this material from Atomic Energy Commission to the General Services Administration would be the most economical and of the best interest to the Government and the Defense Program.

The Diamond Magnesium Company, Painesville, Ohio, are operating the plant for the account of the Government for the production of magnesium metal used solely in the National Production Program. They will award a contract to a qualified contractor for loading the scrap into railroad cars subject to your regulations and security requirements. It is the intention to remove all of the available scrap as rapidly as possible and before winter weather conditions prevail.

Your cooperation in approving an interagency transfer and release of all suitable scrap to the magnesium plant at Painesville, Ohio, will be greatly appreciated.

Very truly yours,

/s/ C.D. Williams  
 Director  
 National Industrial Reserve Division

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