



## JESSOP STEEL COMPANY

WASHINGTON, PENNSYLVANIA

March 28, 1956

OFFICE OF THE PRESIDENT

Mr. H. L. Price, Director  
Division of Civilian Application  
U.S. Atomic Energy Commission  
1901 Constitution Avenue, N.W.  
Washington 25, D.C.

Dear Mr. Price:

The Jessop Steel Company located at Washington, Pennsylvania, hereinafter called the applicant, hereby makes application for a Source Material License to receive, possess, use and transfer thorium. 20,500 lb

The specific material is ingots of thorium for which the Babcock and Wilcox Company has Source Material License C-3465. Also related to this application is Superior Steel Corporation's application submitted to your office, dated March 13, 1956. The present license application is to cover four (4) ingots.

The work to be performed includes test runs on forging similar to that which was done by the applicant for the Atomic Energy Commission. It is hoped that only one ingot will have to be forged for the test. However, application is made for a license for four (4) ingots in case forging one ingot does not yield sufficient information.

A double purpose will be served by the tests. First, information on forging will be obtained. Second, it is planned to collect samples of air while tests are run under ordinary plant operating conditions. Data obtained from these samples would be required for the design and installation of ventilating, filtering and other equipment needed in the forging of large quantities of thorium.

This method of taking air samples during test runs is a normal procedure for obtaining data for safety installations. Past practice has shown that test forgings at plants have not endangered the health and safety of plant employees and people outside the plant, so long as exposures to radiations and air-borne materials are evaluated in terms of permissible concentrations recommended in Part 20 of the proposed AEC Standards for Protection Against Radiation.

IN WITNESS WHEREOF, Jessop Steel Company has caused its name to be hereunto signed this 28<sup>th</sup> day of March 1956.

ITEM # 3

Very truly yours,

JESSOP STEEL COMPANY

*Frank B. Backley*  
President

Subscribed and sworn to  
before me this 29<sup>th</sup> day of  
March, 1956. *Frank E. Sullivan*