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C-3480

# SUPERIOR STEEL CORPORATION

EXECUTIVE OFFICES - GRANT BUILDING, PITTSBURGH 19, PA.

GENERAL OFFICES AND WORKS,

CARNEGIE, PA.

EUGENE J. REARDON  
VICE PRESIDENT

WALNUT 1-4130

March 13, 1956

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 Superior Steel Corporation located at Carnegie, Pennsylvania, hereinafter called the applicant, hereby makes application for a Source Material License to receive, possess, use and transfer thorium.

The specific material is ingots of thorium for which the Babcock and Wilcox Company has Source Material License C-3465. The present license application is to cover four (4) ingots.

*Approx 160# each*

The work to be performed includes test runs on rolling and cutting 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 rolled for the test. However, application is made for a license for four (4) ingots in case rolling one ingot does not yield sufficient information.

A double purpose will be served by the tests. First, information on rolling 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 rolling 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 rollings at plants have not endangered the health and safety of plant employees and people outside the plant,

**SUPERIOR STEEL CORPORATION**

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, Superior Steel Corporation has caused its name to be hereunto signed this 13th day of March 1956.

Very truly yours,

SUPERIOR STEEL CORPORATION

*Eugene J. Randon*

Executive Vice President

EJR:SK

Subscribed and sworn to  
before me this 13th day  
of March 1956.

*Arten D. Feeman*

ARTEN D. FEEMAN, Notary Public  
CALLEGIE, ALLEGHENY COUNTY, PA.  
MY COMMISSION EXPIRES  
APRIL 1st, 1959