JESSOP STEEL COMPANY

WASHINGTON, PENNSYLVANIA

April 24, 1956

OFFICE OF THE PRESIDENT

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

Attention: Mr. Lyall Johnson, Chief, Licensing Branch

Gentlemen:

Re: Source Material License
License No. C-3485
Dated April 11, 1956

The Jessop Steel Company, located at Washington, Pennsylvania, hereinafter called the Applicant, hereby makes application for amendment to the above source material license to receive, possess, use and transfer thorium metal without quantitative limitations, said license to expire April 30, 1958.

License No. C-3485 was issued to the Applicant to cover specific source material in the form of four ingots of thorium covered by The Babcock & Wilcox Company Source Material License C-3465. It is currently estimated that the first quantity of source material might be approximately 45,000 pounds of thorium metal from The Babcock & Wilcox Company. This is the thorium that is owned by the Consolidated Edison Company and will be used in a critical experiment at The Babcock & Wilcox Company facility near Lynchburg, Virginia.

We will process the thorium metal by forging, roll cogging, finish rolling and cutting in a manner similar to that done by the Applicant in the tests for which License No. C-3485 was issued and for the Atomic Energy Commission.

We have been advised of the hazards involved in the handling of thorium metal, and we are currently evaluating the data secured in connection with our test forgings. We are cognizant of the problems of the health and safety of plant employees and people outside the plant and that Part 20 of the proposed Atomic Energy Commission Standards for Protection against Radiation is applicable. Our evaluation will provide the basis for the protection recommended in Part 20 with respect to exposures to radiation and air borne materials and the handling of liquid wastes. We shall take all reasonable steps and all precautions to protect health and minimize danger from hazards to life and property and comply with the

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recommendations set forth in said Part 20.

IN WITNESS WHEREOF, Jessop Steel Company has caused its name to be hereunto signed this 24th day of April, 1956.

Very truly yours,

JESSOP STEEL COMPANY

Frank B. Rackley
President

FBR/a

Subscribed and sworn to
before me this 24th day
of April, 1956.

NOTARY PUBLIC
My Commission Expires Jan. 24, 1957