F. H. Bowling, Deputy Manager for Operations
Oak Ridge Operations Office, Oak Ridge

June 23, 1954

G. E. Phillips, Chief, Metallurgical Development Branch, Production Division
New York Operations Office

SUPERIOR STEEL CORPORATION - CONTRACT AT(30-1)-1412

SYMBOL: PM:GAD

On Friday, June 18, 1954 the writer contacted Superior Steel Corporation in Pittsburgh, Pennsylvania for the purpose of discussing some of the technical matters which will now be under administration from Oak Ridge. Messrs. C. I. Collins, President, E. J. Reardon, Vice President, and Walter Keene, Chief Metallurgist represented Superior Steel Corporation.

(1) Superior Steel Corporation now has 100 uranium slabs for flat plate rolling on hand in their accountability station SSC (Superior Steel Corp.) at Carnegie, Pennsylvania. A list of the analyses of these slabs was sent to R. E. Fisher of duPont on June 8, 1954 so he could see the nature of the material available for rolling into plate. (These slabs were left over from the last rolling for the PMR job on April 2). DuPont probably will request a rolling of plates at Superior sometime later in the summer after the latter's plant vacation ending July 17.

(2) A few thousand pounds of uranium plate scrap is still on hand at Superior Steel Corporation from previous rollings. We are advised that duPont can use this material and will put a request for it through channels, thus relieving Superior of the accumulation.

(3) The Accountability Section of NYOO recommended that a scale with closer graduations than the present [illegible] be provided for closer control of [illegible] wants to obtain such a [illegible] records [illegible]

[illegible] to proceed with the [illegible]

construction of the ventilating equipment and the cut-to-length shear as soon as possible. Superior, acting on advice of urgency from NYOO weeks ago, had already gotten approximately $1076 worth of engineering work done on this ventilation problem when NYOO requested them to hold up temporarily on May 26, 1954. I have asked Superior to forward supporting data (reason for bidder selection and copy of their purchase order, etc.) for AEC approval and I think Superior should proceed at once to get bids on the ventilation equipment and cut-to-length shear and submit them to you for purchase approval. It is important that the recommended health and safety precautions be taken before the next rolling. By copy of this report, I am requesting Mr. Ensil Dodge of OROO to give this matter his attention so Superior gets (a) reimbursed for the $1076 engineering work already done on this ventilation, and (b), authorization to proceed with the purchase of ventilating and shearing equipment as soon as Superior submits its competitive bids data, etc.

(5) I have arranged to have a copy of the AEC Procurement Manual sent to Mr. H. J. Morgan, Purchasing Agent, and I have been over with him the proper policy of obtaining competitive bids, selecting lowest bidder and sending copies of all bids and purchase orders, together with a statement of why the procurement is necessary, to you for approval before any purchase is made in the future.

(6) Superior Steel Corp. has worked up an estimate on beta heat treating flat plates for use at SRO in answer to NYOO request this month for a unit price on this work. They are also in the process of estimating the cost of a vertical heat treating furnace for this operation which would avoid the necessity of sending material to Canada for heat treatment at Atlas Steel Co. Ltd. I requested them to send these estimates to you at OROO but, before taking any action beyond making these estimates, to obtain your approval to proceed. [illegible] given no indication that the fine [illegible] obtainable directly [illegible] heat treated [illegible]

[illegible] I recommend that the important aspects of this question be discussed in a meeting between representatives of Superior, duPont, SROO and OROO. Questions of heat treating versus not heat treating, equipment and related matters can then be decided with duPont, the end user, as a participant and advisor.

(7) I suggested that Superior Steel Corporation make a trial rolling of some of MCW's rectangular "dingot" metal in view of its excellent surface quality in recent round slug tests. A short while ago Mr. R. L. Kirk, Mr. George Rennich and the writer decided to have some dingot metal shipped to Superior Steel Corporation for this purpose. To date, Superior has not received the metal and there is no rush except that it should be on hand, probably in time to bloom to slabs, at Jessop Steel and ready to roll at the duPont plate rolling in August. Shipment should <u>not</u> be made by MCW to Superior between July 2 and July 18 (vacation).

cc: Ansil Dodge, CROO
George Rennich, CROO
E. J. Reardon, Superior Steel Corp.