Classification Cancelled

G.E. NUCLEONICS PROJECT

COMPANY

GENERAL C ELECTRIC

By Authority of.

Richland, Washington February 6, 1948

This Document consist of a

Pages No. 1

2 Copies, Suries

IN. I

Atomic Energy Commission Office of Hanford Directed Operations Richland, Washington

Attention: Mr. Carleton Shugg, Manager

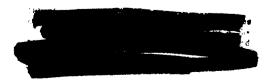
ALPHA-ROLLED URANIUM

This will confirm conclusions reached this week in conversation among C. N. Gross, D. G. Sturgess and the writer as follows:

The first tube of lead-dipped, alpha-rolled uranium pushed from D-pile this week at 83% normal product concentration and a second tube also pushed this week at 85% product level showed this metal to be far superior to our regular canned slugs with respect to blistering. Detailed results of this experiment (which is continuing; other tubes will be pushed at concentrations up to 200% or more during the next six months) will appear in Technical Department reports.

We recommend that steps be taken immediately to convert production to alpha-rolled metal canned by the lead-dip process. We understand that the A.E.C. will arrange for the alpha-rolling of all Hanford billets at Joslyn Mfg. & Supply Co., Fort Wayne, Indiana, this operation to continue until such time as we are equipped either to alpha-roll or alpha-extrude in 300 Area.

1727/48 preninger e D. H. LAUDER formed verbally TORKS NANAGER the New York is and ralled me Greninger Technical Superintendent not yet decided a ABG: jdk



HW-879