

WASHINGTON 25, D. C.

MA. 12-4

Frank Huke, New York Operations Office
February 19, 1954

DATE: 2/19/54 FMD Classified
H-331-13

FROM : J. F. White, Ceramist, Metallurgy & Materials Branch,
Division of Research, Washington
Dr. John H. Wards
Head, Ceramic Laboratory
Oak Ridge National Laboratory
P. O. Box P
Oak Ridge, Tennessee

Thorium
MA. 12
FRC. 41

Dear Jack:

I have recently talked to the Norton Company and others regarding the preparation of ThO_2 samples for "in-pile" testing. HEM is to run some tests on, I believe, standard size samples. These are expected to be prepared by the Norton Company.

Accordingly, we have agreed to have the New York Operations Office ship to the Norton Company sufficient project grade ThO_2 to prepare both HEM and your samples. Also, we are suggesting to the Norton Company that they be prepared to finish these samples to size. This latter point should not present any unusual machine problems, since both requests are for cylindrical samples.

A point in question is the final density of the fabricated ThO_2 . As you know, I believe that we should use the highest practicable density on these samples. In connection with this, I would like to hear of your results on the fused oxide that I left with you last week.

Best regards,

J. F. White, Ceramist
Metallurgy & Materials Branch
Division of Research

CC: Dave Cope, ORCO
W. H. Henson, Norton Co.
Frank Huke, NYOO
Leona Kassell, NYOO

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By Authority Of

By Ted Davis

Date 8-29-85

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