AIM

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Centimeter

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1 of 1

DECLASSIFIED

HW-10236

REF-10236
MAY 22 1956
300 AREA
CLASSIFIED FILES

cc: #1 JA Burns #8 GH Syrov
#2 CN Grass - 700 File #9 VD Nixon
#3 JE Maider - EP Lee #10 RM Kennedy
#4 AD Greening - C75 Wendo #11 PE Dow
#5 PF Gast - ED Montgomery #12 JHM Miller
#6 HM Parker - CM Patterson #13 Pink Copy
#7 RE Burroughs - FM Murphy #14 Yellow Copy

RECORD CENT-COPY
Richland, Washington
June 24, 1948

Mr. J. A. Burns
Design Engineering Division
HANFORD WORKS

COPY 1 OF 1, SERIES MA

This document consists of
1 page, No. 1 of 1
1 copies, Series MA

GRAPHITE CONTAMINANT TESTS FOR DR & H FILES
(C-205 A, HW-24 ; C-165 A, HW-24)

REFERENCE: (a) Doc. #HW-9571, P. E. Lowe to P. F. Gast, April 21, 1948,
"Moderator Layup - Contaminant Control".

(b) Doc. #HW-10062, E. B. Montgomery to P. E. Lowe, June 10,
1948, "Program for Measurement of the Thermal Neutron
Diffusion Length in Graphite".

As requested in reference (a), reference (b) has been received from the Technical
Division, outlining plans for tests of the graphite stack during lay up in the
pile structure.

Measurements are planned upon completion of layers 30, 60, and 102, which will
require not more than 16 hours each. The test method will require restriction of
Construction personnel from the areas immediately adjacent to the pile. Precise
boundaries will be set up in collaboration with E I Division personnel prior to
the test.

To assure satisfactory data in these measurements, three to five trial tests are
planned at the Bldg. 101 layup. E. B. Montgomery has made arrangements with R. M.
Kennedy to make observations in the sixteen hours between shifts, so that no delay
in graphite machining will be entailed.

According to the best information available to us, the tests in the DR pile will be
required about August 30, 1948. Technical Division personnel have agreed to fit
their observations to the Construction schedule.

Classification Canceled and Changed To

DECLASSIFIED

By Authority of CG-PR-2

DS LEWIS 2-10-94

By RG Kresler

Verified By J. M. Miley 2-14-94

P. E. Lowe
P. E. Lowe
Contact Engineer, 105 Bldg.

MASTER

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**DATE
FILMED**

9/23/94

END