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WANL-TME-1095
Revision 1
March, 1966

FINAL TEST SPECIFICATIONS FOR A
STRUCTURAL MATERIALS TEST
TO BE CONDUCTED AT THE
PLUM BROOK REACTOR
(37/W402)

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INFORMATION CATEGORY

UNCLASSIFIED

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NERVA
PROGRAM

RADIATION EFFECTS TESTING

System:

Component:

Test:

Date: March, 1966

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Revision 1

This revision represents a change in the post-irradiation test program for test 37/W402. The original program was composed of two main parts, an annealing study and a strain rate study. The latter has been deleted and replaced with a B-He embrittling evaluation. The procedures as defined in the original test specification will prevail with the exception of the Instron crosshead speed and the specimen test points which are indicated on Figures 1 and 2. These figures replace Figures 4 and 5 of the original test specification.

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INSTRON CROSSHEAD
 SPEED - 0.002 IN./MIN.
 INSTRON CHART
 SPEED - 0.2 IN./MIN.

• X Data Points
 I No. of Irradiated
 C No. of Control

TEST POINTS FOR B-Hc EMBRITTLING STUDY

• 3-10-66
 REVISED
 1-7-66
 PJC
 12-27-65

X Data Points
I No. of Irradiated
C No. of Control

FJL

~~17-27-65~~