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J-DIVISION
LOS ALAMOS SCIENTIFIC LABORATORY
UNIVERSITY OF CALIFORNIA
P. O. BOX 1663
LOS ALAMOS, NEW MEXICO

1 November 1952

MEMO TO: K. J. Germeshausen; Edgerton, Germeshausen & Grier, Inc.
FROM : J. C. Clark, Deputy Test Director, J-Division, LASL
SUBJECT: RED BOX
SYMBOL : J- 14758

We have received your proposed circuit diagram of the Red Box and are examining it. As you know the purpose of the Red Box is to eliminate transit time devices and other circuitry from being connected directly into the load ring.

Since transit time is a critical measurement, it is necessary that information on both trigger time and jitter of the Red Box be known accurately, and it is expected that as soon as you assemble one of these circuits considerable measurements will be made to determine the operating characteristics of the Red Box.

The only other question in my mind is whether or not a 300 volt pulse output will be sufficient for transit time users and I am soliciting their comments in this regard.

FOR THE TEST DIRECTOR:

Original Signed by
J. C. CLARK

~~CLASSIFICATION CANCELLED~~
DOE NSD DECLASSIFICATION REVIEW EO 12958
BY: *[Signature]* 9/11/94 LANL/FSS-16
(NAME) (DATE)

J. C. Clark
Deputy Test Director

- JCC:lee
Distribution:
2 - K. Germeshausen
1 - W. Ogle (forward)
1 - L. Seely
1 - H. Grier (forward)
1 - N. Smith
1 - J. Clark ←
1 - G. Felt
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PER DOC REVIEW JAN. 1973

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