



4 April 1956

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MEMORANDUM FOR: THE RECORD

ILLEGIB

SUBJECT : Status of Hole Drilling Project

APPLIED PHYSICS DIVISION

NATIONAL BUREAU OF STANDARDS

Subject : Wall Thickness Measurement 25X1

Status : NBS results so far have been negative and no further progress has been made. However, NBS is starting a program using ultra sonics to measure the thickness of concrete roadbeds. This program should furnish information applicable to wall measurements.

Subject : Wall Measurements by Microwaves

Status : Pulsed intensity microwave results on walls so far show that either no signal is received or the correlation has been unsatisfactory. NBS has requested assistance from the Radar Group, Boulder, Colorado, on this approach.

The wall measurement progress may be summed up by saying that while both approaches appear feasible, the results obtained so far are not encouraging.



TSS/APD

25X1

Distribution:

Orig. - Ad Hoc #25

1 - AWS

1 - TSS/CD -

1 - Chrono

25X1

AWS/lis (4 April 56)

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