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MEAGRANDUM FOR: Mr. Paul Borel

SUBJECT: Evaluation of Walnut System

invitation of the International Disiness Machines Corporation a qualified and expertenced signified by the Mathonal Security Agency and an expertenced signified by the Mathonal Security Agency and interpendent technical evaluation of the Walnut project. Mr. Albert R. Highley, of FI/D, participated and furnished his own separate evaluation.

papers which I would appreciate your reviewing. We expect a first tract proposal for machinery from TEM in the movide of April which will come before the Committee for consideration.

(Signed) WALTER JESSFE

WALLER TESSEL
Secretary
CS Records Committee

2 Attachments - as stated

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National Security Agency
Fort George G. Meade, Maryland
Attn: Mr. Turner S. McLaurin,
MPRO
19 February 1959

Mr. Walter Jessel RI-Division AF XO Central Intelligence Agency Washington 25, D. C.

Inclosed is my evaluation report of the WALNUT information retrieval system. In the absence of a prescribed format for the report, I elected to write it in narrative form, loosely organized into sections which coincide with the major subject areas of the system. I have also taken the liberty to include a few operational suggestions along with the technical comments; these are based on personal association with complex electronic processing systems for many years.

It is my hope that your purposes in asking me to review this system are reasonably well served by this report. I would be gratified to receive an invitation to view the system in operation when it is installed, and also to be informed of your operational experiences with it at a later date.

Respectfully,

TURNER S. McLAURIN

Deputy Chief, Office of Machine Processing

Production

Incl:

Evaluation of Project WALNUT

Introduction

This report is the result of an independent assessment of the WALNUT project by an individual outside the sponsoring Agency. The fact-gathering phase of this study consisted of:

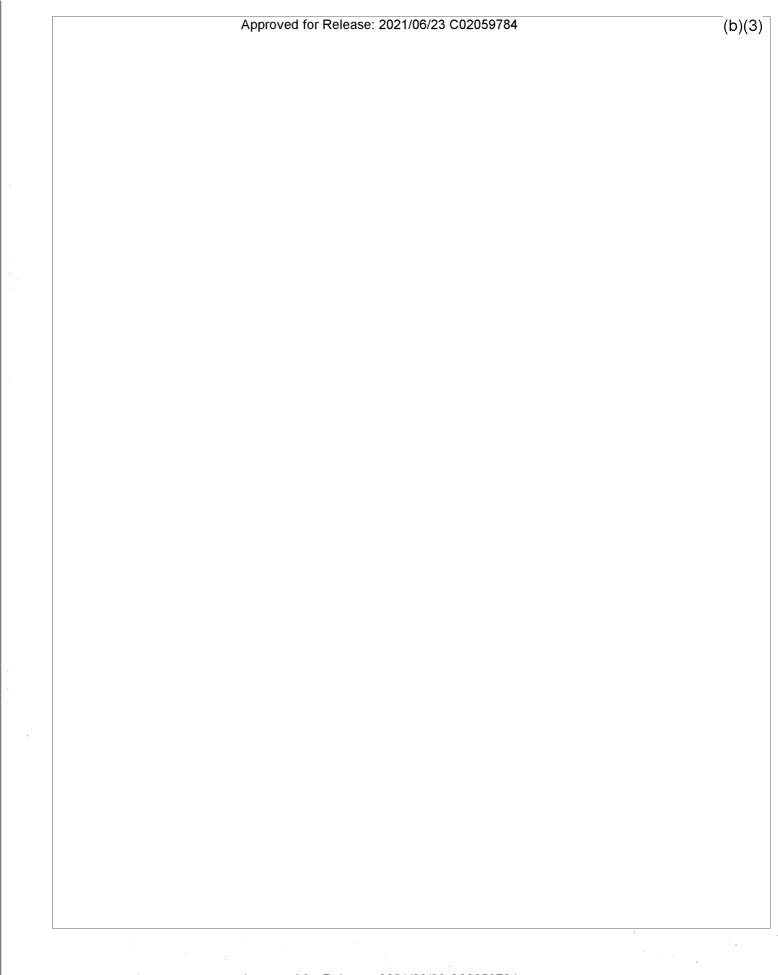
- a. Three days devoted to reviewing rather voluminous documentation such as system study and development progress reports,
- b. Conversations with various people intimately associated with the project, and
- c. Three days spent reviewing the status of work in progress at the IBM Research Laboratories in San Jose, California.

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MEMORANDUM FOR: AEXO/DDP

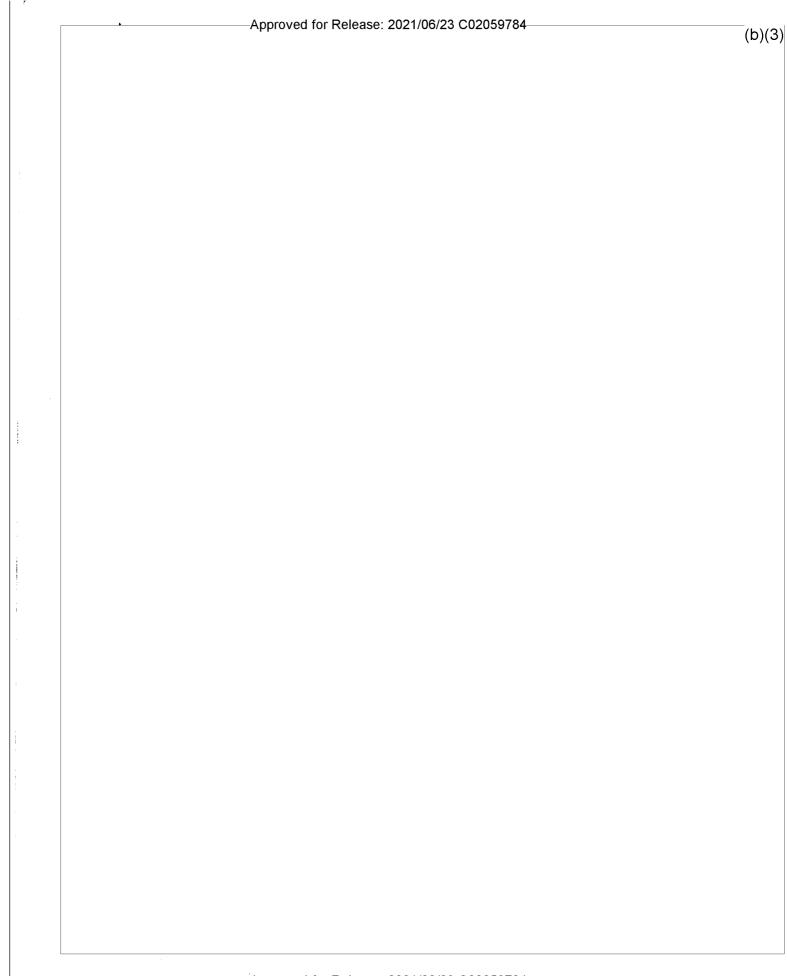
19 February 1959

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