

OPTIONAL FORM NO. 10
MAY 1962 EDITION
GSA FPMR (41 CFR) 101-11.6
UNITED STATES GOVERNMENT

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Memorandum

EP 64-277

TO : The Files: Contract No. 077, Task Order 4 DATE: 19 November 1964

25X1A9a FROM : Mr. [REDACTED]

INSPECTION REPORT NO. 9

25X1A SUBJECT: Trip Report - Service Contract with [REDACTED]

25X1A5a1

1. Project Description:

This is a battery service contract leading to information on various batteries.

2. Contractual Information:

- a. Initial Cost: \$15,000.00 Increase In Scope: \$7,500.00
- b. Request for Procurement Action: 19 July 1963
- c. Initiation Date: 2 August 1963
- d. Completion Date: 30 June 1964
- e. Deliverable Items: As described under each work order

3. Date of Meeting: 29 and 30 October 1964

4. Place of Meeting: [REDACTED]

25X1A

5. Persons Attending:

Agency

Non-Agency.

25X1A9a Mr. [REDACTED]

Mr. [REDACTED]

25X1A5a1

6. Contractor's Performance:

- a. On schedule and expected to remain so: No (See Para. 1)
- b. Within obligated funds and expected to remain so: Yes
- c. Satisfactory technical progress: Yes

7. Project Status:

Work Orders 1, 2, 3, 4, 5, 7, 8, 9, and 11, are completed. Of the remaining work orders, No. 6 is still in trouble. This project is for the development of the BS/A-49 battery supply using a pile type construction. Unfortunately our original concept as to the state-of-the-art in Bipolar construction was too optimistic. Though a number of

significant trouble areas

GROUP 1
Excluded from automatic
downgrading and
declassification

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[REDACTED]

25X1A5a1

significant trouble areas have been resolved and considerable technical progress has been made, too many unexpected technical difficulties have been encountered and this project cannot be finished under this work order. The battery can still be successfully completed but a completely revised program will have to be initiated. Further reporting on the BS/A-49 will continue under Task Order 7.

Work Order 10 is nearing completion. This is a study project to optimize the construction of the fast charge button cell. All results thus far indicate that our new fast charge (two hour) technique has the potential of being extended to an even faster charge (1 to 1½ hour) by making some small changes in the electrolyte concentration and Adhydrode size. It is too early to prescribe this faster charge rate but subsequent cells will be fabricated using this data and their overcharge characteristics at the two hour rate will be significantly improved.

[REDACTED] 25X1A9a

Distribution:

R&D Subject File
Inspection Branch OL/PD
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25X1A9a OC-E/R&D-EP/[REDACTED]/amw

(19 November 1964)