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Note: Effective March 1, 1948 this report will be issued the first of every month instead of bi-monthly.

Date: March 1-31, 1948

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QUARTZ FIBER RESEARCH GROUP

H. R. DuFour, L. A. Jewett, and R. G. Olt

DETAILED REPORT

Construction of three Quartz Fiber Balances of the latest design is under way in our machine shop. One balance of this design is now in Laboratory C-2, Unit III.

Construction plans and designs for the new balances anticipate setup and operation either with foil carriers and atmosphere control or with present dry box techniques.

Sources have been located for all critical parts needed for completion of construction of balances on this site.

Purchase requisitions have been written and procurement started for the optical elements, dials, and castings. Sufficient critical parts are on hand or have early enough delivery dates to assure the minimum balance requirements for starting Unit V.

Quartz fiber equipment construction was halted temporarily for work of greater urgency and will be resumed at a later date.

FUTURE PLANS

Quartz fiber equipment construction is to be resumed as soon as the present work is completed.