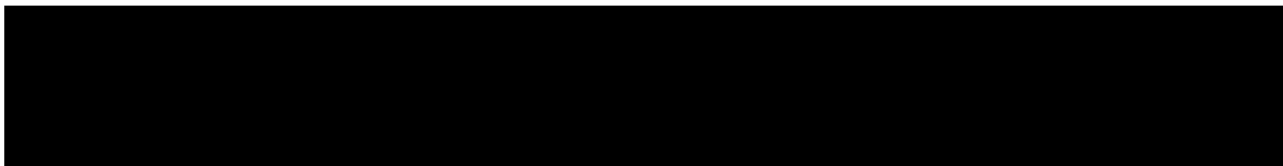


STATOTHR



## DECLASSIFICATION REVIEW BY NIMA / DoD

Ref: E80

■ 13 May 1964

STATOTHR

██████████  
GSA Region 3  
7th and D Street, SW  
Washington 25, D. C.

Dear ██████████ STATOTHR

Your plans for handling the air cooling of the installation sound very reasonable. As I understand it you will start with 85° air and pre-cool 650 cfm of it to 45°F, then pass only 100 cfm over a small chemical dehumidifier. After that a second cooling coil will reduce it to 42° at 45% relative humidity. Since this will be a completely closed system with very little leakage, if any, the small dehumidifier should be very satisfactory.

We haven't fully tested the pressure drops through our system yet, but when we do I'll send the data.

Regarding the vacuum system, we have had good results with 1 1/2 inches of mercury vacuum. (This is 36 inches of water). The reason for the requirement is that there are heavy losses through the ducting and the structure of the platen, not all of which are fully determinable. A good grade centrifugal blower will meet the requirements, we believe, and a positive displacement machine should definitely not be required.

I've enclosed a copy of the letter and the electrical specification sheet BY0045 originally sent to Mr. ██████████ before he left. If he had done

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Approved For Release 2000/06/07 : CIA-RDP78B04747A001600020026-5

13 May 1964

Page 2

STATOTHR

any work on this perhaps [REDACTED] would have a record of it.

I appreciate how the many special projects with higher priority keep popping up but please let me know if you expect the installation proceedings to take longer than August 1. Also please call if there are any questions.

Sincerely,

STATOTHR

[REDACTED]  
Project Engineer

TWT/bd

Enclosures

STATOTHR

cc: [REDACTED]