

General File

NACA - Lewis

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Cleveland, Ohio

JUL 8 1955

From Lewis
To NACA Headquarters Attention: Dr. J. F. Victory

Subject: Change in location of Operations Building for New
Rocket Facility

Reference: Telephone conversation between Abe Silverstein and
Dr. J. F. Victory on May 8, 1955

1. In confirmation of reference telephone conversation, during which you approved a new site for the subject building, we are enclosing drawing CES-10442 for your approval. This Plot Plan supersedes Location Plan GL-6206-E, which you had approved on February 25, 1955.
2. At that time the location of this building was discussed in Washington. It was generally agreed that, although the building was well within OAA requirements and clearance to the lowest flight path was in excess of that on some existing laboratory buildings, there appeared to be some airplane hazard. A study considering the airplane hazard, convenience and safety of operation, and cost of construction, showed the location on GL-6206-E to be most suitable in the "South 10" area. Lewis personnel said they had reason to believe that the location of the airplane runway affecting the building would probably be changed because of its relationship to the Lewis Laboratory Substation A.
3. Subsequently, the location of this runway was again discussed with Mr. Claude King, manager of the Cleveland Hopkins Airport. Although Mr. King said he would prefer to see the runway's location changed because of the substation, other considerations had dictated the location, and he believed no change would be made. As he had previously informed us, they were elevating the end of the runway somewhat to take care of the substation problem.
4. Because of this development, the previous studies were reviewed. Despite adequate OAA clearances, it was considered that considerable hazard existed, because of the short horizontal distance from the end of the runway and the elevation of the end of the runway. In the meantime, consideration of the facility requirements indicated the desirability of providing for future fuel storage, which would endanger the building in its contemplated location.

E. Silverstein

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5. In view of these considerations, the new site shown in Plot Plan CES-10442 was decided upon, and discussed with you in the reference conversation. Will you please indicate your approval on one of the enclosed copies and return it for our records.

Abe Silverstein
Associate Director

Edw:rm

Enclosure:

(3) Plot Plan CES-10442

cc: ✓ General Files
A. Silverstein
E.W. Wasielewski