

1967. What was the final figure for FY 1966, the latest estimate for FY 1967 and the current estimate for FY 1968?

Answer. During Fiscal Year 1966 Manned Space Flight Centers expended \$3,372,600 for minor construction and modifications. During Fiscal Year 1967, current plans call for a reduction to \$2,480,000, while Fiscal Year 1968 is expected to be \$2,258,200.

Question. Have all the NASA manned space flight centers fully developed their master plans and are they being kept current? What inspections were conducted by NASA Headquarters construction management personnel of the field centers during FY 1967?

Answer. The facility master plans for each of the NASA MSF Centers are kept current through a continuous process of reviewing, analyzing, upgrading and updating so that reliable documents are in effect when required. It is NASA policy to have the facility master plans officially updated by September 1 of each year. The timing is such that the updated documents are available at the time of the CofF budget preparation.

During FY 1967 construction management personnel periodically visited all MSF Centers and participated in design reviews, reviews of construction progress and adherence to approved projects, review of project funding requirements and to assure compliance with NASA construction and safety standards. Also included was the review of master plans. Field trips were made to provide appropriate guidance on master planning, and to assure that the plans are being properly implemented.

Question. Last year, there was considerable discussion on the Lunar Receiving Laboratory at the Manned Spacecraft Center. What progress has been made on this facility and will the original deadline date for its completion be affected by the recent accident at Cape Kennedy? Did the reduction in last year's request by the appropriation action result in any cutback in the construction for this facility; and if so, did such cutbacks reduce the capability of the facility to perform its function and in what way?

Answer. As of March 13, 1967 the overall construction of the Lunar Receiving Laboratory was approximately 65 percent complete, and all elements of work are on schedule. The following work has been completed: foundations; substructure; erection of structural steel; precast concrete wall panels, and aluminum window walls; roofing; underfloor utilities, and concrete floor slabs; utility tunnel and piping; and site utilities. The mechanical and electrical systems and interior partitioning are currently being installed. The vacuum systems and radiation counting equipment are in the fabrication phase.

The recent accident at Cape Kennedy will not impact the construction completion date of August 1967. However, the deadline date for operational readiness will be adjusted based on any changes which might be made to the Apollo Program as a result of the accident.

As a result of the \$1.0 million reduction for the Lunar Receiving Laboratory which was imposed, it was necessary to delete one branch of the dual vacuum system, and reduce the square foot area of the facility from 86,800 to 83,000 square feet. The vacuum system is required for processing lunar samples with minimum terrestrial contamination while insuring against the release of biological organisms in the samples to the surrounding environment. In limiting the facility to a single vacuum system the operational flexibility to process samples was reduced. Although the quarantine period will not be affected the total sample processing time will be extended, thereby delaying release of samples to the scientific community.

Question. Last year, the committee expressed concern over the large amount of authorization not funded for facility planning and design. In fact, the surplus authorization through FY 1967 amounted to about \$11.6 million. What disposition is to be made of this surplus authorization? How much of it will be automatically rescinded under the three-year expiration rule by the end of FY 1967?

Answer. For the Agency, approximately \$9 million of the unfunded authorization for facility planning and design will automatically be rescinded at the end of FY 1967 under the three-year expiration rule.

Question. Of the total construction of facilities funds appropriated to date, how much has been obligated and expended to date? What are the obligations and expenditures to date on facility planning and design funds provided by