

Question. Last year, the Congress authorized a total of \$95,919,000 for construction and facility planning and design activities, instead of the \$101,500,000 requested by NASA. This amount was further reduced to \$83,000,000 by appropriation action. What was the specific impact of these reductions? What serious delays in flight or test programs can be attributed to these actions?

Answer. Reduction of the NASA authorization request from \$101,500,000 to \$95,919,000 resulted in deletion of the Marshall Space Flight Center Hazardous Operations Laboratory Addition, and a reduction of \$1 million in the authorized cost of the Manned Spacecraft Center Lunar Receiving Laboratory. Subsequent appropriation action reduced the NASA Construction of Facilities total from \$95,919,000 to \$83,000,000. As a result of this reduction four MSF projects have been deferred. These projects are:

Extension to Central Supply, Kennedy Space Center.....	\$600,000
Engineering Building, Manned Spacecraft Center.....	2,600,000
Facs to Support S-IC & S-II Test Prog Mississippi Test Facility.....	1,700,000
Fac for S-IVB Stage Program, Various Locations.....	1,100,000

The deferral of institutional projects such as warehouse and engineering building additions will have a decided impact upon operational effectiveness and costs. This will result from continued overcrowding of personnel, equipment and supplies, and the use of dispersed substandard facilities. The deferral of technical facilities will particularly impact field center ability to react rapidly to the solution of complex problems, and in some cases equipment will be operated above capacity so that overhaul or replacement cycles will be reduced significantly.

Question. Based on present missions, including those proposed in the FY 1968 request, what is the latest NASA estimate to complete all new construction requirements in support of manned space flight activities, and what is the estimate of such requirements by field center? What is the current value of the NASA physical plant of the NASA manned space flight centers? Include a break-out of new construction or other CofF requirements, by Center, specifically needed for Apollo Application activities assuming currently requested programs are approved.

Answer. It is expected that the Apollo Applications Construction of Facilities requirements will be limited to modifications of existing facilities. These modifications are now in the process of definition. Essentially the funds have been provided for the completion of all major technical facilities required to support current programs approved through FY 1968. Approximately \$25 million will be needed on a yearly basis for the next several years, to meet requirements as yet unidentified for the rehabilitation, repair, modification and upgrading of technical facilities. In addition requirements for support facilities such as warehouses, office space, and shops will continue to be identified as appropriate to meet deficiencies which have resulted from reduced appropriations. The following is an estimate of distribution:

	Million
Kennedy Space Center.....	\$15-20
Manned Spacecraft Center.....	5
Marshall Space Flight Center, including various locations.....	5

The current value as of June 30, 1966, of the NASA physical plant by MSF centers is as follows:

Kennedy Space Center.....	\$808,549,000
Manned Spacecraft Center.....	294,709,000
Marshall Space Flight Center.....	376,519,000
Michoud Assembly Facility.....	134,450,000
Mississippi Test Facility.....	215,994,000

Question. Last year, NASA estimated that about \$2 million of FY 1967 facility planning and design moneys would be used in support of manned space flight activities. Is this estimate still valid? If not, what factors caused the changes? What portion of the \$3 million requested for FY 1968 facility planning and design is to be used in manned space flight areas?

Answer. Current plans call for Manned Space Flight to utilize about \$813,000 of Fiscal Year 1967 Facility Planning and Design Funds. Last year's estimate that about \$2.0 million would be required, was based upon a projected FY 1968 C. of F. Program of about \$40.0 million, in lieu of the present \$27.9 million. In