

The Lunar Geological Experiment is designed to make maximum use of the astronauts as geological observers. This experiment will involve selection of lunar samples, recording by photography the sampling sites, packaging and returning the samples to earth.

The samples, to be used for biology, geochemistry, geophysics and other scientific disciplines, will be delivered to the Lunar Receiving Laboratory at the Manned Spacecraft Center. This facility is under construction for use in the initial receipt, processing, and safeguarding the integrity of, and biological containment of, lunar material returned to earth by Apollo missions; and for biologically isolating the returned spacecraft, astronauts, and associated support personnel. The receiving laboratory will provide the means to certify the safe release of all material and personnel and to perform highly time dependent experiments such as radiation counting and gas analysis.

RESOURCES

Last year a potential cost problem for fiscal year 1967 on the order of \$200 million was identified. Time validated our concern, and as a consequence we took stern action to turn the cost curve down (fig. 62, MC66-10277).

We enjoined the presidents of our major contractors to find ways of reducing costs by about 10 percent. Members of my staff and I visited these plants personally to emphasize this need. Reductions in support activities at the centers also were effected by the Center Directors. The effects of our cost reduction activities is reflected in cost rates. The average monthly cost rate for total Apollo R&D for the second quarter of fiscal year 1967 was \$250 million compared with \$282 million for the third quarter of fiscal year 1966.

We emphasized reductions in contractor manpower since that represents the bulk of our costs. Although the critical design stages and periods of peak production have passed in some areas, our reductions are being carried out with care to preclude schedule and performance degradation.

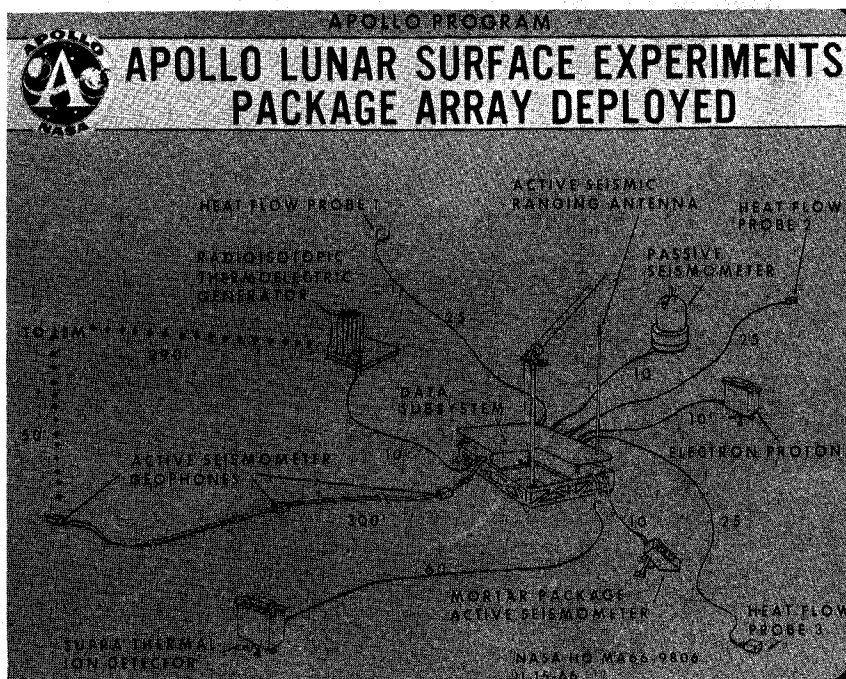


FIGURE 61