

The astronauts will go to the nearest land base and come back by airplane, and the spacecraft itself will come back by surface or air transportation. All will come to the Lunar Receiving Laboratory. I would like to spend the next few slides telling about some of the things that will go on in the Lunar Receiving Laboratory.

The requirements for the lab (fig. 30) are to receive and catalog returned lunar samples; make a preliminary examination of them and then package them for subsequent distribution to the scientific community. It is suspected that over a hundred of these samples will be sent out to all parts of the country to various investigators to do analyses and experiments on these lunar samples.

Certain experiments are highly time dependent, and, therefore, we will carry them out in the lab while the samples are still under quarantine.

A most important function of the lab is to provide for the biological isolation of the lunar samples while evaluating their possible effects on the Earth.

Another is to provide for the quarantine of the astronauts, the medical support team, other personnel, and for decontamination or isolation of the equipment used to transport these personnel.

Here is a photograph of the facility—you saw one this morning—the facility is on schedule, the construction will be completed in July for occupancy as planned. This picture was taken December 12, and it has progressed considerably since then.

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REQUIREMENTS FOR LUNAR RECEIVING LABORATORY (LRL)

- TO SERVE AS A RECEIVING AND CATALOGING STATION FOR THE RETURNED LUNAR SAMPLES
- TO PROVIDE FOR PRELIMINARY EXAMINATION OF THE LUNAR SAMPLES AND FOR SUBSEQUENT DISTRIBUTION TO THE SCIENTIFIC COMMUNITY
- TO PERFORM HIGHLY TIME DEPENDENT EXPERIMENTS WHILE THE SAMPLES ARE UNDER QUARANTINE
- TO PROVIDE FOR BIOLOGICAL ISOLATION OF THE LUNAR SAMPLES WHILE EVALUATING THEIR POSSIBLE EFFECT UPON THE TERRESTRIAL BIOSPHERE
- TO PROVIDE FOR QUARANTINE OF THE APOLLO ASTRONAUTS, ASTRONAUT MEDICAL TEAM, AND ASSOCIATED PERSONNEL AND FOR DECONTAMINATION OR ISOLATION OF THE EQUIPMENT USED TO TRANSPORT THESE PERSONNEL TO THE LRL

FIGURE 30