Mr. Hugh C. Miller  
State Historic Preservation Officer  
Department of Historic Resources  
221 Governor Street  
Richmond, VA 23219

Dear Mr. Miller:

The Impact Dynamics Facility at Langley Research Center is a National Historic Landmark (NHL). It was formerly designated the Lunar Landing Facility when historic preparation occurred there for moon landing operations. The Lunar Excursion Module Simulator (LEMS) is the remains of a portable apparatus which was attached to the facility and piloted by astronauts in simulated moon landings. The LEMS engine, controls, and miscellaneous parts were removed long before the facility acquired NHL status, but the simulator remained at the historic site. Eventually, Langley placed the LEMS in protective housing to prevent major climatic deterioration.

The Virginia Air and Space Museum in Hampton has agreed to use the LEMS for exhibit. Consequently, Langley intends to work with the New Horizons Technical Center in restoring the LEMS as explained in the attached news release.

Langley Research Center finds the restoration undertaking to have "NO ADVERSE EFFECT" on the LEMS. To ensure this finding and to permit consideration of your advice in this undertaking, the Center requests your comments and subsequent review of restoration/preservation specifications. No work will begin prior to concluding procedures set forth in applicable historic preservation law.

Sincerely,

Richard H. Petersen  
Director

Enclosure

cc:  The Advisory Council on Historic Preservation  
Attn: Mr. Ron Anzalone  
1100 Pennsylvania Avenue  
Washington, DC 20004

Concur:  
Paul F. Holloway  
Deputy Director

National Historic Landmarks and Administrative History Programs  
Attn: Dr. Harry A. Butowsky  
National Park Service  
Washington, DC 20013-7127
Concurrence for R. H. Petersen for letter to Hugh C. Miller, State Historic Preservation Officer, Richmond, Virginia.

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Concur:
Paul F. Holloway
Deputy Director