

*Mourning*



Langley Research Center  
Hampton, Virginia  
23665-5225

Reply to Attn of

446

JUN 26 1989

Mr. H. Bryan Mitchell  
Executive Director  
State Historic Preservation Office  
Division of Historic Landmarks  
221 Governor Street  
Richmond, VA 23219

Dear Mr. Mitchell:

The Langley Research Center would like to relocate the pressure vessel of the Variable Density Tunnel (VDT), a National Historic Landmark of this Center. This action will provide much needed facility space for research activities and is deemed by the Center to have "No Adverse Effect" on this important historical landmark while providing improved access and visibility.

Descriptive material from Engineer in Charge, pp. 65-69, 72-81, 83, 84, is enclosed to provide information on the VDT pressure vessel. Basically, the VDT pressure vessel is a heavy, riveted tank 34' long by 15' in diameter with hemispherical ends. It has been obsolete and inoperable many years. The actual wood wind tunnel (interior) was damaged by fire many years ago and was eventually gutted. Likewise, the external platform for control and observation was dismantled before the VDT tank was nominated for landmark status.

Present plans call for the VDT tank to be removed while construction modifications are taking place at the building where it is housed. It will be trucked to a location on the more accessible "West Side" of Langley Research Center, displayed in the open on authentic concrete supports in a new exposed-aggregate concrete plaza at the Langley Activities Center where it may be readily visited. An appropriate plaque and interpretive material will be included. The VDT tank will be added to the list of several large, steel structures that receive regular exterior painting at the Center. Your concurrence in this move is requested.

An information copy of this letter is being sent to The Advisory Council and a courtesy copy to Dr. Butowsky of The Park Service. If further information is needed,

the Center points-of-contact are: Mr. Gary Price, External Affairs (804) 864-6124, or Mr. John Mouring, Master Planner (804) 864-6861.

Sincerely,

Original Signed By  
S. F. Pauls

for Paul F. Holloway  
Acting Director

Concur:   
Sidney F. Pauls  
Acting Deputy Director

Enclosure

cc:  
Advisory Council on Historic Preservation  
1100 Pennsylvania Ave.,  
Washington, DC 20004

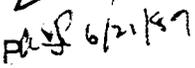
National Historic Landmarks and Administrative  
History Programs  
Attn: Dr. Harry A. Butowsky  
National Park Service  
Washington, DC 20013-7127

(w/o encl)  
101/General Files  
123/R. T. Layman  
449/W. R. Wiley  
446/FPDO Files 115/OEA

for 446/JLMouring:jrn 6-15-89 (46861)

446/ILH 

112/RLS 

115/AGP 

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# COMMONWEALTH of VIRGINIA

## Department of Historic Resources

Hugh C. Miller, Director

221 Governor Street  
Richmond, Virginia 23219  
Telephone (804) 786-3143  
TDD: 804-786-4276

August 25, 1989

Mr. Paul F. Holloway  
Acting Director  
National Aeronautics and  
Space Administration  
Langley Research Center  
Hampton, VA 23665-5225

Attention: Mr. John Mouring

Dear Mr. Mouring:

I would like to thank you and your colleagues for a very interesting and informative visit yesterday. Bruce and I feel we have gained an understanding regarding the needs of NASA at Langley, as well as, the potential for future planning for the National Historic Landmarks at your facility. We look forward to working with NASA on future projects involving the NHL's and other potentially significant resources at Langley.

This letter is a summary and follow up of our discussions yesterday. As discussed concluding our visit to the sites involved, the relocation of the VDT from its original site to an open exposed area will constitute an adverse effect on the landmark. Due to Langley's time restraints, we proceeded to discuss ways to mitigate the adverse effect. At that time, Ron Anzalone requested NASA provide this office and the Council a feasibility study for the project. Documentation should include: alternatives explored for relocation of the VDT and renovation of building 582, along with reasons why the present plan was chosen; documentation indicating NASA's attempted to locate a museum that may be interested in receiving the VDT and responses from such parties; and manufacturer's literature on the products to be used during restoration of the VDT. In addition, we would like comments from the National Park Service on the project.

The Advisory Council agreed to prepare a draft Memorandum of Agreement. This agreement will include stipulations regarding documentation of the VDT in its present location, a preservation plan for the VDT, and an interpretation proposal for its new location. The draft Agreement will be submitted to NASA and this office for comment prior to its execution.

ACTION OF	1. D 106								
	2. DD 103A								
INFO OF	3. AD 103								
	4. SA 103								
	5. CE 106								
DUE DATE									
ASSIGNED BY	LAE								

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Please contact myself or Bruce Larson if you have any questions.  
Once again, thank you for your hospitality.

Sincerely,

A handwritten signature in cursive script that reads "Elizabeth P. Hoge". The signature is written in dark ink and is positioned above the typed name.

Elizabeth P. Hoge  
Review and Compliance Officer

cc: Ron Anzalone, Advisory Council on Historic Preservation  
Hugh C. Miller, SHPO  
National Park Service