

April 5, 2001

MEMORANDUM TO: Stuart Reiter  
Acting Chief Information Officer  
**/RAI/**  
FROM: Michael L. Springer, Director  
Office of Administration  
SUBJECT: OCIO SPACE REQUIREMENTS FOR WEB STAFF, PRODUCTION  
TEST FACILITY, AND ONSITE CONTRACTORS

In my February 5, 2001, memorandum to you, above subject, I addressed two of your space needs and indicated that, with respect to the placement of the Production Test Facility in T-2C1, we needed detailed information about the equipment in order to evaluate the feasibility of placing it in the room.

Based on the information provided by your staff, the equipment planned for the Production Test Facility produces a heat load of 256,000 BTU/hour. The total cooling capacity of the area in which you wish to place the facility is only 111,500 BTU/hour. Therefore, there is a significant shortfall. One possible option to help establish this requirement would be to incorporate the rear, adjacent room that has an additional 81,000 BTU/hour cooling capacity. However, even with adding this additional space, the equipment would have to be reduced to accommodate a 25% reduction in heat load. Furthermore, if the adjacent room is considered, the OCIO equipment currently located in it would have to be relocated. Adding additional cooling capacity would be costly and may not even be practicable. If the additional cooling could be added, a rough estimate would be in the \$100K - \$150K range.

If you determine that the Production Test Facility equipment can be reduced to coincide with the existing cooling capacity of the room, my staff is available to continue to work with your staff on this matter. If consideration is to be given to relocating the OCIO equipment from the rear room, we will need the heat load generated by the equipment to evaluate options to accommodate it elsewhere.

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