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Mr. Jason Winget
Manager Infrastructure and Security Technologies
Division of Technology Services
University of Wisconsin – River Falls

RE: STARS Innovation 3 Credit

Dear Jason,

Based on my experience with traditional under floor air distribution for computer room cooling, hot aisle containment with in-row cooling is a far superior solution. Traditional underfloor cooling results in undesirable short circuiting of cooling air back to CRAC Units resulting in loss of overall system capacity, equipment hot spots and additional fan power required for air distribution.

UWRF did not develop the hot aisle concept, but was the first Wisconsin State Facility to utilize the concept. UWRF Division of Technology Services Staff recognized the innovative value of this new concept and felt it was worth the risk and extra work to pursue it.

Sincerely,

Timothy G. Thum, P.E.
Sr. Facilities Engineer
Facilities Management
University of Wisconsin - River Falls