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 Oak Ridge
Associated Universities Post Office Box 117
Oak Ridge, Tennessee 37831-0117

April 1, 1991

Ms. Cathy Hickey
Bechtel National Inc.
P. O. Box 350
Oak Ridge, Tn 37831-0350

Subject: BLDG. 521-527 - BAKER AND WILLIAMS WAREHOUSES

Dear Ms. Hickey:

Between March 11-22, 1991, the Environmental Survey and Site Assessment Program (ESSAP) of Oak Ridge Associated Universities (ORAU) conducted a radiological characterization survey of the East and West basement bays in Building 521-527 of the Baker and Williams Warehouses. A review of the survey results indicate that activity exceeding criteria is present in four (4) locations in the East bay which will require decontamination. Dust samples were collected from the floor and ledges in the East bay. Direct measurements indicate that residual activity may be present on all horizontal surfaces, overhead pipes, and on the east wall ledges in the West bay. Laboratory analysis of these samples indicate the presence of residual activity in excess of the guidelines. Based on these findings, ESSAP recommends that all horizontal surfaces (floors, ledges, and overhead pipes) in the East bay be cleaned of residual dust. It is also recommended that residual dust be cleaned from overhead pipes and east wall ledges in the West bay and that, what appears to be an unoccupied rodent nest located on an insulated overhead pipe in the southwest corner (grid block A,5,2), also be removed.

The attached figures should be of help when locating the four (4) locations which exceed criteria.

If additional information is needed, please contact me at (615) 576-3355 or James L. Payne at (615) 576-6656.

Sincerely,



Phyllis R. Cotten
Senior Project Leader
Environmental Survey and
Site Assessment Program

JLP:PRC:jls

cc: A. Williams, DOE/HQ
J. Wagoner, DOE/HQ
M. Landis, ORAU