



Department of Energy

Oak Ridge Operations
P.O. Box 2001
Oak Ridge, Tennessee 37831-8723

July 18, 1995

Mr. Graham Mitchell, Environmental Manager
Ohio Environmental Protection Agency
Southwest District Office
40 South Main Street
Dayton, Ohio 45402

Dear Mr. Mitchell:

HAZARD ASSESSMENT FOR RESIDUAL CONTAMINATION AT THE FORMER ASSOCIATE AIRCRAFT SITE (AAS)

Enclosed is a copy of the Hazard Assessment that was performed for the Former Associate Aircraft Site (AAS) in Fairfield, Ohio.

In summary, Uranium-238 concentrations above the site specific criteria (35 pCi/g) were found in the soil in a small sub-slab area of the former AAS building. The sample results from the location indicated a maximum concentration of 134 pCi/g. This is well below the derived guidelines for the site (280-970 pCi/g) and equates to a dose of 4.154 mrem/yr for current and likely future use of the site.

Based on this HA and the additional cost of remediation (approximately \$260,000), no additional remediation is planned for this isolated area of soil in Section 1 of the building. James Wagoner, II, of DOE-HQ and Mike Murray Oak Ridge National Laboratory have reviewed and approved the HA in accordance with DOE protocols. A copy of the approval letter is also enclosed.

The AAS Post-Remedial Action Report (PRAR) will be completed within approximately two months; a copy will be forwarded to you when it is issued. The PRAR will be the comprehensive report describing the site conditions following the remedial action effort.

Should you have any questions regarding this hazard assessment, please feel free to contact me at (615) 576-9634 or Joe Wood at (615) 576-5207.

Sincerely,

David G. Adler, Site Manager
Former Sites Restoration Division

Enclosures