APPENDIX D

LEAD BASED PAINT WASTE (DEBRIS) DISPOSAL
LEAD-BASED PAINT (LBP) DEBRIS DISPOSAL

I. Annual LBP debris quantity estimates

A. Housing
   Public: 129,000 tons/yr (83,000 units/yr x 1.55 tons)
   Private: 326,000 tons/yr (47,000 units/yr x 2.6 tons)

B. Child Occupied Facilities
   Day Care Centers: 36,400 tons/yr (23,500 units/yr x 1.55 tons)
   22,400 tons/yr (1,400 units/yr x 15.99 tons)

C. Elementary Schools: 243,000 tons/yr

Source: ABT Report - September 11, 1985. (based on estimated sq. feet of debris/unit)

II. Total Quantities of LBP abatement debris

As a worst-case scenario, assume that all pre-1974 constructed housing would be abated.

The decision for removal of LBP debris depends on certain factors. For example, condition of the paint, type of architectural component, and a cost differential between removal and in-place abatement (e.g., repainting surfaces, stripping of paint).

A. Public housing: 1.4 million units x 1.55 tons/unit = 2.17M tons

B. Private housing: 6.4 million units* x 2.60 tons/house = 16.64M tons
   * -where families with a child/children will occupy one-sixth of 38.6 million units

C. Child-occupied facilities
   Family daycare: 118,000 x 1.55 tons/residence = 0.183M tons
   Daycare centers: 6,900 x 15.99 tons/center = 0.110M tons

TOTAL: 19.1M tons

Source: ABT Report, September 11, 1985, pp 3-2 for #1 and 2.