

DESCRIPTION OF PROPOSED INTERIM REMEDIAL ACTION  
AT THE WELDON SPRING SITE

As part of its Surplus Facilities Management Program (SFMP), the U.S. Department of Energy (DOE) proposes to decontaminate a small area of contaminated soil on the U.S. Army Reserve Property located to the west of DOE's Weldon Spring site and transport the resultant wastes to the Weldon Spring site for interim storage. This action is being taken at the request of the U.S. Department of the Army, Fort Leonard Wood, to allow the Army to proceed with a road improvement project during the fall of 1987. The activities associated with the remedial action are:

- Removing about  $0.4 \text{ m}^3$  ( $0.5 \text{ yd}^3$ ) of soil that is radioactively contaminated above current guidelines from Vicinity Property 7, which is located about 1 m (1 yd) north of Army Road No. 1 and 300 m (330 yd) west of a road intersection (see Figs. 1 and 2). The principal soil contaminants are radium-226 and thorium-230, with maximum concentrations of 215 pCi/g and 53 pCi/g, respectively.
- Placing the soil in appropriate containers (55-gal drums are currently planned) for ease of handling and for controlling the possible spread of radioactive contamination.
- Loading the containers on the back of a pickup truck.
- Transporting the material about 1.0 km (0.6 mi) through the Army Reserve Property to the Weldon Spring site (solely on Army- and DOE-owned land).
- Placing the contaminated material in the raffinate pits area at a controlled location for interim storage.
- Monitoring the environment during remedial actions to ensure compliance with all applicable radiation protection requirements.