

INTERIM

LANL
General

Los Alamos

NATIONAL LABORATORY

memorandum

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SUBJECT: ER PROJECT SITE RADIOLOGICAL POSTING REQUIREMENTS

Some ER Project sites require posting because of the presence, or potential presence, of radiation and/or radioactive material. Requirements for radiological posting are delineated in 10 CFR 835.601, Article 231.1 of the LANL RadCon Manual (LM 107-01.1) and the Laboratory Standard, *Radiological Posting* (LS107-02.1). Because of the sensitive nature of posting ER Project sites off DOE property and private residences further guidance is presented here.

All ER Project sites on DOE property shall be posted in accordance with LS107-02.1, *Radiological Posting* and Article 231.1 of the LANL RadCon Manual (LM 107-01.1). In situations where ER Project sites are located off DOE property or on private property, the following guidance from 10 CFR 835.601(e) applies:

The posting requirements in this section may be modified to reflect the special considerations of DOE activities conducted at private residences. Such modifications shall provide the same level of protection to individuals as the existing provisions in this section.

Modifications to posting requirements stated in LS107-02.1, *Radiological Posting* and Article 231.1 of the LANL RadCon Manual (LM 107-01.1) shall be as follows:

1. Non Department of Energy ER Project site peripheral boundaries shall be posted with the following statement..."*LANL Environmental Restoration Project in Progress. Keep Out.*" All required radiological posting within the peripheral boundary shall be in accordance with LS107-02.1, *Radiological Posting*.
2. Posting on private residential property shall be in accordance to the Site Specific Health and Safety Plan (SSHASP) and will consist of exclusion zone posting and control. All individuals working in the exclusion zone will be trained to the SSHASP which includes information regarding suspected radiological contaminants. Radiological monitoring of core material and excavated soils/debris will be performed and radiological screening analysis will be evaluated on a daily basis, therefore personnel will "be alerted to the presence of radiation or radioactive materials." The SSHASP shall require that personnel frisk before leaving site, thus this will "aid them in...preventing the spread of contamination." "Minimizing exposures" will be achieved through ALARA principles required by the ER Project Health and Safety Plan (HASP).

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Please contact me at 7-8366 if you have any questions or comments on this policy.

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