

Department of Energy

§ 850.27

to below the action level, if practicable. This program must be described in the responsible employer's CBDPP and must include:

- (i) Annual goals for exposure reduction and minimization;
 - (ii) A rationale for and a strategy for meeting the goals;
 - (iii) Actions that will be taken to achieve the goals; and
 - (iv) A means of tracking progress towards meeting the goals or demonstrating that the goals have been met.
- (2) Where exposure levels are below the action level, implement actions for reducing and minimizing exposures, if practicable. The responsible employer must include in the CBDPP a description of the steps to be taken for exposure reduction and minimization and a rationale for those steps.
- (c) The responsible employer must implement exposure reduction and minimization actions using the conventional hierarchy of industrial hygiene controls (*i.e.*, engineering controls, administrative controls, and personal protective equipment in that order).

§ 850.26 Regulated areas.

- (a) If airborne concentrations of beryllium in areas in DOE facilities are measured at or above the action level, the responsible employer must establish regulated areas for those areas.
- (b) The responsible employer must demarcate regulated areas from the rest of the workplace in a manner that adequately alerts workers to the boundaries of such areas.
- (c) The responsible employer must limit access to regulated areas to authorized persons.
- (d) The responsible employer must keep records of all individuals who enter regulated areas. These records must include the name, date, time in and time out, and work activity.

§ 850.27 Hygiene facilities and practices.

- (a) *General.* The responsible employer must assure that in areas where workers are exposed to beryllium at or above the action level, without regard to the use of respirators:

- (1) Food or beverage and tobacco products are not used;

- (2) Cosmetics are not applied, except in change rooms or areas and shower facilities required under paragraphs (b) and (c) of this section; and

- (3) Beryllium workers are prevented from exiting areas that contain beryllium with contamination on their bodies or their personal clothing.

- (b) *Change rooms or areas.* The responsible employer must provide clean change rooms or areas for beryllium workers who work in regulated areas.

- (1) Separate facilities free of beryllium must be provided for beryllium workers to change into, and store, personal clothing, and clean protective clothing and equipment to prevent cross-contamination;

- (2) The change rooms or areas that are used to remove beryllium-contaminated clothing and protective equipment must be maintained under negative pressure or located so as to minimize dispersion of beryllium into clean areas; and

- (c) *Showers and handwashing facilities.*

- (1) The responsible employer must provide handwashing and shower facilities for beryllium workers who work in regulated areas.

- (2) The responsible employer must assure that beryllium workers who work in regulated areas shower at the end of the work shift.

- (d) *Lunchroom facilities.* (1) The responsible employer must provide lunchroom facilities that are readily accessible to beryllium workers, and ensure that tables for eating are free of beryllium, and that no worker in a lunchroom facility is exposed at any time to beryllium at or above the action level.

- (2) The responsible employer must assure that beryllium workers do not enter lunchroom facilities with protective work clothing or equipment unless the surface beryllium has been removed from clothing and equipment by HEPA vacuuming or other method that removes beryllium without dispersing it.

- (e) The change rooms or areas, shower and handwashing facilities, and lunchroom facilities must comply with 29 CFR 1910.141, Sanitation.