

Air Sampling

There were 198 air samples collected in and around 16 buildings throughout the facility for analysis of seven heavy metallic elements: arsenic, barium, cadmium, chromium, lead, selenium, and silver. Eleven samples (5.5 percent) exceeded the analytical reporting limit for lead, three of which were taken of the ambient air from the roof level. All detected levels of lead were well below the OSHA Permissible Exposure Limit (PEL) for lead. The airborne levels found inside of the buildings ranged from 0.1 percent to less than 5.0 percent of the PEL. The ambient air samples collected resulted in lead concentrations 2.0 to 20.0 percent of the PEL. Chromium and barium were also found in levels above the analytical reporting limits in many samples, but were less than their respective PELs.

