

NPL Site Narrative for Advanced Micro Devices, Inc.

ADVANCED MICRO DEVICES, INC. Sunnyvale, California

Conditions at proposal (October 15, 1984): Advanced Micro Devices, Inc., manufactures electronic equipment at a plant in Sunnyvale, Santa Clara County, California. The facility occupies about 6 acres and is surrounded by residential, industrial, and business areas.

Monitoring wells on the site are contaminated with chloroform, 1,1-dichloroethylene, 1,1-dichloroethane, trichloroethylene, and tetrachloroethylene, according to analyses conducted by a consultant to Advanced Micro Devices, Inc. Contamination is believed to have resulted from localized spills and leaking underground storage tanks and piping. The same contaminants have been detected in monitoring wells off-site. About 300,000 people depend on wells within 3 miles of the site as a source of drinking water.

The company has removed an acid neutralization tank from the facility and is working with the California Regional Water Quality Control Board (CRWQCB) to determine the extent of contamination of ground water and soils. The board issued a Cleanup and Abatement Order to the company in June 1984.

This is one of 19 sites in the South Bay Area of San Francisco. Facilities at these sites have used a variety of toxic chemicals, primarily chlorinated organic solvents, which contaminate a common ground water basin. Although these sites are listed separately, EPA intends to apply an area-wide approach to the problem as well as take specific action as necessary.

Status (June 10, 1986): CRWQCB issued Waste Discharge Requirements to the company in August 1985. The requirements are the board's legal mechanism for regulating activities at facilities under its jurisdiction. CRWQCB, in conjunction with EPA and the California Department of Health Services, is considering various response actions at the site.

For more information about the hazardous substances identified in this narrative summary, including general information regarding the effects of exposure to these substances on human health, please see the Agency for Toxic Substances and Disease Registry (ATSDR) ToxFAQs. ATSDR ToxFAQs can be found on the Internet at [ATSDR - ToxFAQs](http://www.atsdr.cdc.gov/toxfaqs/index.asp) (<http://www.atsdr.cdc.gov/toxfaqs/index.asp>) or by telephone at 1-888-42-ATSDR or 1-888-422-8737.