



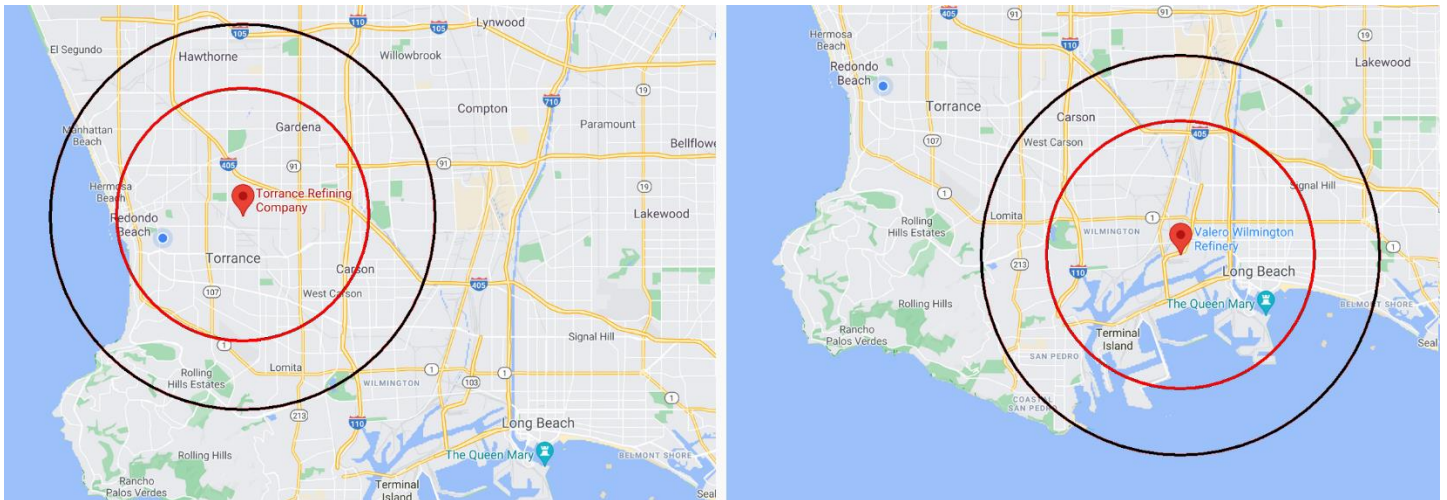
THE CASE AGAINST HF

The Danger

Among the world's most dangerous industrial chemicals, **hydrogen fluoride** (HF) is used in massive quantities in only two of California's 15 refineries: the **Torrance Refining Company** (ToRC) and **Valero** in Wilmington — both located in the densely populated South Bay region of Southern California. In a major accidental release HF can form a **ground-hugging aerosol cloud** that can drift for miles, causing irreversible injury and death.

Who's At Risk?

The United States Environmental Protection Agency (EPA) uses *Emergency Response Planning Guidelines* to assess worst-case scenarios. Residents inside the **black** circles below are at risk of serious and irreversible health effects (ERPG-2). Those inside the **red** circles are at risk of life-threatening health effects (ERPG-3). Those downwind of an HF release are exposed.



Commercially Available Alternatives

It doesn't have to be like this. People don't have to live in fear of an HF release from their local refinery. A growing number of HF refineries in the nation have successfully converted or are currently converting to modern, proven **commercially available alternatives**.

Join TRAA Monthly Zoom Meetings

Second Wednesdays of the month at 7:00 p.m. For meeting reminders and information on the headline speaker, **subscribe to the TRAA Newsletter at:**

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