

From: Lenore Landis [<mailto:llandis@cypresscollege.edu>]
Sent: Wednesday, January 30, 2019 10:55 PM
Cc: Wayne Nastri <wnastri@aqmd.gov>; Philip Fine <pfine@aqmd.gov>
Subject: Torrance Resident- Regarding SCAQMD Rule 1410

Dear Chairman Burke and the SCAQMD Governing Board Members:

My name is Lenore Landis. I'm a Torrance resident, the mother of two children, and the Chemistry Department Chair at Cypress College. As a mother and chemist, I feel completely frustrated and dismayed that our children, as well as the rest of the community, **cannot** be protected from an HF release.

Dr. Kenneth Hudnut from the USGS explained that a magnitude 7.0 earthquake on the San Andreas Fault could cause HF pipelines to separate, and sloshing of liquid HF could cause tank failure, resulting in a catastrophic release. After an earthquake, the Torrance Unified School District's (TUSD) emergency plan is to evacuate and remain on the field. The district doesn't have a plan for students and teachers to react to the HF cloud that will soon follow simply because there are no viable options. All the children would be left to perish on the field. I can't even fathom how this highly toxic substance is allowed just blocks away from schools. And according to your own staff's presentation, the HF cloud could be 18 times the lethal level!

Even if the HF cloud wasn't caused by an earthquake, teachers **cannot** adequately shelter in place because they don't have enough time nor the proper equipment to make their classrooms airtight. You have heard this same message from numerous teachers and parents. And more mitigations will not eliminate this threat.

It is impossible to protect our children from an HF release while they are at school. MHF is an unnecessary risk. The refineries will recover, but the health and lives of our children could never be replaced. Please mandate a phase-out of MHF within four years.

Thank you for considering my request. I greatly appreciate your continued efforts.

Sincerely,
Lenore Landis

Lenore Landis
Professor of Chemistry
Cypress College SEM Division