Occupied Building Impact Studies: An Example

Phillip N. Partridge
Process Safety Technology Leader
Engineering Solutions

The Dow Chemical Company
2301 Brazosport Blvd., B-101, Room 208
Freeport, TX 77541-3257
Phone: 979.238.1642
Fax: 979.238.0486

ABSTRACT

This presentation describes a facility siting study program that supplemented The Dow Chemical Company's traditional evaluations (which are based upon the Dow Fire and Explosion Index.) Supplemental studies in this program considered toxic, flammable, heat radiation and overpressure impacts at occupied buildings.