

Exhibit 2

**Fires, explosions, and other serious incidents (including HF near-miss events)
at still-operating, HF-using refineries, since 1987**

1. 2026, June, **Trainer refinery**, Trainer, Pennsylvania: Fire broke out, injuring at least three people and releasing a large column of smoke into the air. People living within a half-mile of the refinery were ordered to shelter in place.

2. 2026, March, Port Arthur refinery, Port Arthur, Texas: Explosion and fire at diesel hydrotreater unit led to a shelter-in-place order for nearby residents. The blast was heard as far as 11 miles away; residents several miles away felt their homes shake.

3. 2025, Navajo refinery, Artesia, New Mexico: Explosion and fire injured three and prompted road closures.

4. 2025, Galveston Bay refinery, Texas City, Texas: Massive fire caused thick black smoke in surrounding areas. The Texas City Fire Department ordered some residents to evacuate, and others to keep their doors and windows closed.

5. 2025, Valero Three Rivers refinery, Three Rivers, Texas: Large fire.

6. 2025, Coffeyville Resources Refining & Marketing, LLC, Coffeyville, Kansas: Fire in the refinery's naphtha hydrotreater. Residents living near the refinery were asked to avoid the area while emergency crews worked to extinguish the fire.

7. 2024, **Torrance refinery**, Torrance, California: Three mobile homes being used as offices were torched during a fire; no injuries were reported. Blaze happened near the Torrance refinery, but operations were not impacted.

8. 2024, **Torrance refinery**, Torrance, California: Mixer had a mechanical failure on a tank, which caused one barrel of ultra-low sulfur diesel to release.

9. 2024, Sweeny refinery, Old Ocean, Texas: Undescribed upset due to Hurricane Beryl.

10. 2024, Port Arthur refinery, Port Arthur, Texas: Loss of power due to Hurricane Beryl.

1 11. 2024, Pasadena refinery, Pasadena, Texas: Refinery sustained damage
2 during May 2024 severe weather.

3 12. 2024, Joliet refinery, Channahon, Illinois: Lost power due to tornado
4 outbreak.

5 13. 2024, Billings refinery, Billings, Montana: Two large fires occurred on
6 the same day. Local residents were frightened and considered evacuating.

7 14. 2024, Flint Hills Resources, Corpus Christi, Texas: Fire.

8 15. 2024, Borger refinery, Borger, Texas: Large fire broke out, injuring two
9 workers.

10 16. 2024, Chalmette Refining, Chalmette, Louisiana: Valve leaked hot liquid
11 hydrocarbon, which ignited, resulting in a fire and an estimated 1.2 million in
12 property damage.

13 17. 2023, September 27, **Torrance refinery**, Torrance, California: Laser
14 detection trigger in the alkylation unit.

15 18. 2023, September 26, **Torrance refinery**, Torrance, California: Butane
16 leak in DB unit.

17 19. 2023, **Wilmington refinery**, Wilmington, California: Four people were
18 hospitalized after exposure to leaking hydrogen sulfide.

19 20. 2023, Valero Three Rivers refinery, Three Rivers, Texas: Valero
20 reported a leak of at least 10,000 pounds of unspecified volatile organic compounds
21 at its oil refinery. The leak took a day to contain.

22 21. 2023, Superior refinery, Superior, Wisconsin: A railcar suffered an
23 equipment failure at the Cenovus Energy off-loading site, releasing an undisclosed
24 substance that was suppressed with water.

25 22. 2023, Superior refinery, Superior, Wisconsin: Two leaks/release
26 occurred in two days; one of propane and one of heavy fuel oil.

27 23. 2023, El Dorado refinery, El Dorado, Kansas: Contractor died while
28 working in a confined space; cause was unclear.

1 24. 2023, Coffeyville refinery, Coffeyville, Kansas: Worker was killed after
2 unknown refinery incident during maintenance activities.

3 25. 2023, April 19, Port Arthur refinery, Port Arthur, Texas: Release of a
4 flammable mixture containing hydrogen and hydrocarbons that ignited, resulting in a
5 large fire at the refinery.

6 26. 2023, late May and April 2, Port Arthur refinery, Port Arthur, Texas:
7 Multiple fires during refinery restart.

8 27. 2023, Memphis refinery, Memphis, Tennessee: Fuel truck caught on
9 fire; one person was injured.

10 28. 2023, Billings refinery, Billings, Montana: Fire.

11 29. 2023, Borger refinery, Borger, Texas: Fire injured six workers, three
12 critically; one died of injuries days later. A local highway was shut down for hours
13 due to the blaze.

14 30. 2023, June, Galveston Bay refinery, Texas City, Texas: An incinerator at
15 Marathon's refinery leaked 1,300 pounds of sulfur dioxide. Officials issued a shelter-
16 in-place notice for the surrounding community. Outdoor activities for summer
17 schools and camps were canceled.

18 31. 2023, May, Galveston Bay refinery, Texas City, Texas: Fire killed one
19 and injured two; fire attributed to equipment failure in area of plant that boosted
20 gasoline. Fire resulted in \$829 million in property damage. Marathon's investigation
21 found that a pump inspection in June 2022 had identified damage to the coupling of
22 the pump but did not recommend any repairs.

23 32. 2023, March, Galveston Bay refinery, Texas City, Texas: Contractor was
24 electrocuted and killed.

25 33. 2023, Wynnewood refinery, Wynnewood, Oklahoma: Large
26 fire/explosion in the gasoline hydrotreater killed one and severely injured another,
27 who later died also resulting in approx. \$8 million in property damage.
28

1 34. 2023, Chalmette Refining, Chalmette, Louisiana: A mixture of hydrogen
2 and hydrocarbons were accidentally release into the firebox of a fired heater, where it
3 ignited, resulting in a large fire, with property damage estimated to be \$34.1 million.

4 35. 2023, Garyville refinery, Garyville, Louisiana: A naphtha release led to a
5 fire. Parish officials issued an emergency declaration and ordered people within two
6 miles to evacuate. One school was closed, and one firefighter was treated for heat
7 stress.

8 36. 2023, July, **Lemont refinery**, Lemont, Illinois: Flash fire occurred while
9 loading a railcar, seriously injuring an employee.

10 37. 2023, April, **Lemont refinery**, Lemont, Illinois: Explosion and fire
11 killed one contractor and injured another as workers were trying to unblock a pipe.

12 38. 2023, October, Valero Corpus Christi refinery, Corpus Christi, Texas:
13 Fire.

14 39. 2023, May, Valero Corpus Christi refinery, Corpus Christi, Texas: Fire.

15 40. 2022, Navajo refinery, Artesia, New Mexico: Undescribed incident led
16 to substantial property damage.

17 41. 2022, Flint Hills Resources, Corpus Christi, Texas: A pipeline failure at
18 a crude oil terminal led to the release of 14,000 gallons of crude oil into Corpus
19 Christi and Nueces bays.

20 42. 2022, Billings refinery, Billings, Montana: Substantial property damage
21 from an undescribed incident.

22 43. 2022, Valero Texas City refinery, Texas City, Texas: About 4,000
23 pounds of a hydrogen and hydrocarbon mixture released, creating a large fire and
24 causing an estimated \$10 million in property damage.

25 44. 2022, Valero Corpus Christi refinery, Corpus Christi, Texas: Explosion
26 and fire.

27 45. 2022, Garyville refinery, Garyville, Louisiana: Six workers were injured
28 and one killed in three separate upsets/accidents at the refinery in 2022. On 2/21/22

1 large fire occurred when a vacuum ejector ruptured withing a hydrocracker causing
2 54 million in property damage and approx. 7,000 pounds of flammable gas being
3 released.

4 46. 2022, Calumet Montana refinery, Great Falls, Montana: Fire.

5 47. 2021, Robinson refinery, Robinson, Illinois: Serious injury was due to
6 unspecified release.

7 48. 2021, Ponca City refinery, Ponca City, Oklahoma: An incident led to a
8 serious injury.

9 49. 2021, Memphis refinery, Memphis, Tennessee: Release of an estimated
10 100 lbs. of hydrogen sulfide and 501 lbs. of sulfur dioxide.

11 50. 2021, Port Arthur refinery, Port Arthur, Texas: Fire in hydrocracking
12 unit shut down production.

13 51. 2021, Valero Three Rivers refinery, Three Rivers, Texas: A large fire
14 closed roads.

15 52. 2021, Ferndale refinery, Ferndale, Washington: Weather-related fire.

16 53. 2020, Joliet refinery, Channahon, Illinois: Serious injury due to a release
17 of an undisclosed substance.

18 54. 2020, Port Arthur refinery, Port Arthur, Texas: Fire and release of
19 unidentified substance; two workers injured.

20 55. 2020, Ponca City Refinery, Ponca City, Oklahoma: Fire; \$7 million in
21 property damage.

22 56. 2020, Pasadena Refinery, Pasadena, Texas: 3.4 million gallon storage
23 tank was overpressured and caught fire causing an estimated 3.3 million in property
24 damage. The day before the incident, the refinery's tanks farm lost power and that
25 power failure stopped the supply of crude oil, leading to an emergency shutdown.
26 During the shutdown crude flowed into the storage tank.

27 57. 2019, **Trainer refinery**, Trainer, Pennsylvania: Unspecified release
28 injured one worker.

1 58. 2019, Ponca City Refinery, Ponca City, Oklahoma: Refinery released
2 smoke and catalyst; one adult and six children nearby experienced scratchy throats
3 and respiratory problems after exposure.

4 59. 2019, Calumet Montana refinery, Great Falls, Montana: Fire and
5 explosion caused \$2.1 million in property damage and prompted a shelter-in-place
6 order for nearby schools. 4,000 were ultimately forced to shelter in place, within and
7 beyond the fenceline; 100 were evacuated. Cited causes included “unusual weather.”

8 60. 2019, El Dorado refinery, El Dorado, Kansas: Fire and two explosions
9 started after an issue with a pipe bracket; the refinery was evacuated.

10 61. 2018, Woods Cross refinery, Woods Cross, Utah: A nighttime fire
11 released emissions that covered nearby homes, cars, and an elementary school
12 playground with oily chemical residue.

13 62. 2018, Valero Three Rivers refinery, Three Rivers, Texas: A two-day
14 leak led to the release of flammable gas, measuring thousands of pounds.

15 63. 2018, Galveston Bay refinery, Texas City, Texas: A leak in the fluid
16 catalytic cracking unit transfer line occurred, which led to the emission of about 500
17 pounds of propane.

18 64. 2018, CHS McPherson refinery, McPherson, Kansas: Two workers were
19 hospitalized after a flash fire.

20 65. 2018, Chalmette Refining, Chalmette, Louisiana: Large unplanned
21 flaring event occurred. “As a result of unplanned events in the course of routine
22 maintenance operations, all of the excess waste materials that should have gone
23 through multiple flares instead went through a single flare leading to the eruption of a
24 massive fireball.”

25 66. 2018, Superior Refinery, Superior, Wisconsin: Large explosion
26 punctured asphalt storage tank, causing fire and nearly causing an HF release. More
27 than 2,500 people were evacuated off-site; others received shelter-in-place orders.
28 According to the Chemical Safety Board, which investigated, it was pure luck that

1 fragments from the explosion did not puncture the HF storage tank, which was closer
2 to the explosion than the asphalt tank.

3 67. 2017: Wynnewood refinery, Wynnewood, California: Unspecified gas
4 leak injured one worker.

5 68. 2017: **Torrance refinery**, Torrance, California: Three flaring incidents
6 plus a crude oil spill.

7 69. 2017: St. Paul Park refinery, St. Paul Park, Minnesota: Unspecified gas
8 release injured two workers.

9 70. 2017, Garyville refinery, Garyville, Louisiana: Unspecified gas release
10 and fire injured two workers.

11 71. 2017, Borger refinery, Borger, Texas: Gas release injured one worker.

12 72. 2017, Catlettsburg refinery, Catlettsburg, Kentucky: Release of an
13 unspecified gas caused 415 workers to shelter in place. People offsite expressed
14 concern that they were not notified of the release, and some called news stations to
15 report a strange odor at the time of the release.

16 73. 2017, Port Arthur refinery, Port Arthur, Texas: Tank fire led to a shelter-
17 in-place order for residents.

18 74. 2017, Big West Oil refinery, North Salt Lake, Utah: Fire.

19 75. 2017, El Dorado refinery, El Dorado, Kansas: Large fire and explosion
20 killed one employee. The immediate cause of the fire was a ruptured heater tube.

21 76. 2017, Port Arthur refinery, Port Arthur, Texas: Tank fire led to a shelter-
22 in-place order for nearby residents.

23 77. 2017, August, Port Arthur refinery, Port Arthur, Texas: A fire killed one
24 worker and injured another.

25 78. 2017, Valero Three Rivers refinery, Three Rivers, Texas: An explosion
26 injured two workers and led to a power outage and \$344,000 in damage.

27 79. 2016, Placid Refining Company, Port Allen, Louisiana: One dead and
28 one injured in argon gas leak.

1 80. 2016, September, Galveston Bay refinery, Texas City, Texas: A gas
2 release injured three workers.

3 81. 2016, August, Galveston Bay refinery, Texas City, Texas: A gas release
4 injures one person.

5 82. 2016, Big Spring refinery, Big Spring, Texas: Unspecified gas was
6 released.

7 83. 2016, July, Pasadena refinery, Pasadena, Texas: Unspecified gas was
8 released.

9 84. 2016, March, Pasadena refinery, Pasadena, Texas: Fire injured one
10 worker and caused \$18 million in property damage.

11 85. 2015, Wyoming Refining Company, Newcastle, Wyoming: An
12 unspecified gas release injured one worker.

13 86. 2015, CITGO Corpus Christi refinery, Corpus Christi, Texas: Worker
14 died from injuries sustained in a fall.

15 87. 2015, October, **Torrance refinery**, Torrance, California: Leak due to an
16 equipment failure caused 10,000 people off-site to shelter in place. Onsite property
17 damage of \$278,000.

18 88. 2015, February, **Torrance refinery**, Torrance, California: Explosion led
19 to a near-miss event in which an HF release was narrowly avoided; subject of
20 Chemical Safety Board investigation. Per RMP, 9,200 people off-site had to shelter in
21 place. Onsite property damage of \$161,000,000.

22 89. 2015, Valero Three Rivers refinery, Three Rivers, Texas: An explosion
23 injured one worker and caused \$400,000 in damage.

24 90. 2014, October 16, Placid Refining Company, Port Allen, Louisiana:
25 Unspecified gas was released.

26 91. 2014, October 10, Placid Refining Company, Port Allen, Louisiana:
27 Unspecified gas release injured one worker.

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1 92. 2014, February, Placid Refining Company, Port Allen, Louisiana:
2 Unspecified gas was released.

3 93. 2014, Wyoming Refining Company, Newcastle, Wyoming: Unspecified
4 gas release injured one worker.

5 94. 2014, **Trainer refinery**, Trainer, Pennsylvania: An unspecified gas
6 release injured one worker.

7 95. 2014, Galveston Bay refinery, Texas City, Texas: Gas release and fire
8 injured one worker.

9 96. 2014, Borger Refining, Borger, Texas: Several workers were sent to the
10 hospital due to possible HF exposure after working in HF alkylation unit during
11 turnaround.

12 97. 2014, Coffeyville Resources refinery, Coffeyville, Kansas: Fire in the
13 isomerization unit injured four workers; one later died.

14 98. 2013, July 23, Placid Refining Company, Port Allen, Louisiana:
15 Unspecified gas was released.

16 99. 2013, May 14, Placid Refining Company, Port Allen, Louisiana:
17 Unspecified gas was released.

18 100. 2013, February 20 and February 1, Placid Refining Company, Port
19 Allen, Louisiana: Unspecified gas was released.

20 101. 2013, January 30 and January 1, Placid Refining Company, Port Allen,
21 Louisiana: Unspecified gas was released.

22 102. 2013, Wyoming Refining Company, New Castle, Wyoming:
23 Unspecified gas release injured one worker.

24 103. 2013, **Wilmington refinery**, Wilmington, California: One worker
25 injured in a spill.

26 104. 2013, CHS Laurel refinery, Laurel, Montana: Fire and explosion resulted
27 in one worker hospitalization. Activities at nearby schools had to be moved.
28

1 105. 2013, Big Spring refinery, Big Spring, Texas: Unspecified gas release
2 injured two workers and caused \$2,000 in property damage.

3 106. 2012, October 20, Placid Refining Company, Port Allen, Louisiana: A
4 gas release caused \$250,000 in property damage.

5 107. 2012, October 1, Placid Refining Company, Port Allen, Louisiana:
6 Unspecified gas was released.

7 108. 2012, September 30 and September 25, Placid Refining Company, Port
8 Allen, Louisiana: Unspecified gas was released.

9 109. 2012, May 16, Placid Refining Company, Port Allen, Louisiana: An
10 unspecified gas was released from an inadequate valve.

11 110. 2012, May 7, Placid Refining Company, Port Allen, Louisiana: An
12 unspecified gas was released from "worn out" equipment.

13 111. 2012, April, Placid Refining Company, Port Allen, Louisiana: An
14 unspecified gas was released from an inadequate valve.

15 112. 2012, February, Placid Refining Company, Port Allen, Louisiana: An
16 unspecified gas was released from "worn out" equipment.

17 113. 2012, Port Arthur refinery, Port Arthur, Texas: Fire.

18 114. 2012, Port Arthur refinery, Port Arthur, Texas: Hydrogen sulfide release
19 from a high-pressure excursion.

20 115. 2012, Sweeny refinery, Old Ocean, Texas: Hydrocarbon was released
21 from a mechanical integrity failure.

22 116. 2012, **Trainer refinery**, Trainer, Pennsylvania: An unspecified spill
23 injured one worker.

24 117. 2012, Valero refinery, Corpus Christi, Texas: Mechanical integrity
25 failure led to hydrocarbon release.

26 118. 2012, Joliet refinery, Channahon, Illinois: A pressure excursion led to a
27 hydrocarbon and hydrogen sulfide release.

28

1 119. 2012, **Lemont refinery**, Lemont, Illinois: Crane fell over and damaged
2 utility piping.

3 120. 2012, December, Garyville refinery, Garyville, Louisiana: Hydrocarbon
4 and hydrogen sulfide release due to mechanical integrity failure.

5 121. 2012, September, Garyville refinery, Garyville, Louisiana: Hydrogen
6 sulfide release due to a mechanical integrity failure.

7 122. 2012, January, Garyville refinery, Garyville, Louisiana: Hydrogen
8 Sulfide release from mechanical integrity failure.

9 123. 2012, December, Flint Hills Resources, Corpus Christi, Texas:
10 Hydrocarbon release due to a mechanical integrity failure.

11 124. 2012, August, Flint Hills Resources, Corpus Christi, Texas:
12 Hydrocarbon release due to mechanical integrity failure.

13 125. 2012, May, Flint Hills Resources, Corpus Christi, Texas: Benzene and
14 hydrogen sulfide release from a mechanical integrity failure.

15 126. 2012, April 16 and April 12, Flint Hills Resources, Corpus Christi,
16 Texas: Hydrocarbon release from a mechanical integrity failure.

17 127. 2012, October, Chalmette Refining, Chalmette, Louisiana: Mechanical
18 integrity failure released benzene.

19 128. 2012, February, Chalmette Refining, Chalmette, Louisiana: Hydrogen
20 sulfide release

21 129. 2012: Borger refinery, Borger, Texas: Unspecified spill and fire injured
22 one worker and caused \$25,000 in property damage.

23 130. 2012, December, Big Spring refinery, Big Spring, Texas: Mechanical
24 integrity failure released benzene.

25 131. 2012, February, Big Spring refinery, Big Spring, Texas: High pressure in
26 a vessel led to release of sulfur dioxide and hydrogen sulfide.

27 132. 2012, November, El Dorado refinery, El Dorado, Kansas: Fire injured a
28 worker and caused \$2 million in property damage.

1 133. 2012, June, El Dorado refinery, El Dorado, Kansas: Unspecified gas
2 release injured one worker.

3 134. 2012, September, Wynnewood refinery, Wynnewood, Oklahoma: A
4 boiler explosion killed two workers (one died instantly; the other, 18 days later from
5 his injuries). Nearby residents described the blast as feeling like an earthquake.

6 135. 2012, May, Wynnewood refinery, Wynnewood, Oklahoma: Hydrogen
7 sulfide release from a mechanical integrity failure.

8 136. 2012, Billings refinery, Billings, Montana: Fire.

9 137. 2012, Calumet Montana refinery, Great Falls, Montana: Fire.

10 138. 2012, November, Port Arthur refinery, Port Arthur, Texas: Fire.

11 139. 2012, October, Port Arthur refinery, Port Arthur, Texas: Hydrogen
12 sulfide release from a high pressure excursion.

13 140. 2012, October, CITGO Corpus Christi refinery, Corpus Christi, Texas:
14 Fire.

15 141. 2012, July, CITGO Corpus Christi refinery, Corpus Christi, Texas: Fire.

16 142. 2012, February, CITGO Corpus Christi refinery, Corpus Christi, Texas:
17 Fire.

18 143. 2012, June, Galveston Bay refinery, Texas City, Texas: Hydrocarbon
19 release

20 144. 2012, April, Galveston Bay refinery, Texas City, Texas: Fire.

21 145. 2012, March 27, Galveston Bay refinery, Texas City, Texas: Gas release
22 caused \$2,900,000 in damages.

23 146. 2012, March 14, Galveston Bay refinery, Texas City, Texas: Benzene
24 release was due to a mechanical failure.

25 147. 2012, **Torrance refinery**, Torrance, California: Fire.

26 148. 2012, May, Memphis refinery, Memphis, Tennessee: Hydrocarbon
27 release from a mechanical integrity failure.

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1 149. 2012, March, Memphis refinery, Memphis, Tennessee: Explosion and
2 fire; one worker was fatally injured, and two others were burned.

3 150. 2012, Woods Cross refinery, Woods Cross, Utah: Tank explosion
4 spattered homes with oil.

5 151. 2011, Dec, Placid Refining Company, Port Allen, Louisiana: Failure in
6 the refinery's charcoal beds led to a gas release.

7 152. 2011, Sept, Placid Refining Company, Port Allen, Louisiana:
8 Unspecified gas was released.

9 153. 2011, Aug, Placid Refining Company, Port Allen, Louisiana:
10 Unspecified gas was released.

11 154. 2011, July, Placid Refining Company, Port Allen, Louisiana:
12 Unspecified gas was released from "worn out" equipment.

13 155. 2011, Pasadena refinery, Pasadena, Texas: Fire and explosion injured
14 one worker and caused \$2 million in damage.

15 156. 2011, Pasadena refinery, Pasadena, Texas: Fire and spill of unspecified
16 material caused \$9 million in damage.

17 157. 2011, Memphis refinery, Memphis, Tennessee: A fire caused
18 \$22,888,000 in onsite and \$230,000 in offsite property damage.

19 158. 2011, Galveston Bay refinery, Texas City, Texas: Gas release caused
20 more than \$31 million in property damage and caused 42,000 people to shelter in
21 place.

22 159. 2011, CHS McPherson refinery, McPherson, Kansas: Unspecified gas
23 release injured one worker.

24 160. 2011, Catlettsburg refinery, Catlettsburg, Kentucky: Fire in a fluid
25 catalytic cracker shut down the refinery.

26 161. 2010, Memphis refinery, Memphis, Tennessee: Unspecified spill and fire
27 injured one worker and caused \$645,373 in damages.

28

1 162. 2010, September, Chalmette Refining, Chalmette, Louisiana: The
2 refinery released 106,000 pounds of sulfur dioxide, 243 pounds of hydrogen sulfide,
3 and 38,000 pounds of spent catalyst in a plume onto residential property in the
4 surrounding communities, up to five miles away.

5 163. 2010, January, Chalmette Refining, Chalmette, Louisiana: A worker
6 died while repairing a pipe leaking hydrogen sulfide.

7 164. 2010, Ferndale refinery, Ferndale, Washington: Fire caused \$192,000 in
8 property damage.

9 165. 2010, Catlettsburg refinery, Catlettsburg, Kentucky: An explosion
10 caused \$1 million in property damage.

11 166. 2010, Coffeyville Resources refinery, Coffeyville, Kansas: Fire caused
12 \$5 million in property damage.

13 167. 2010, CHS McPherson refinery, McPherson, Kansas: Fire, release of
14 unspecified gas, and explosion caused \$230,000 in property damage.

15 168. 2010, Navajo refinery, Artesia, New Mexico: Fire at an asphalt tank
16 under construction killed two workers and seriously injured two more. The Chemical
17 Safety Board cited this incident as one that it lacked the budget to pursue.

18 169. 2010, Wynnewood refinery, Wynnewood, Oklahoma: Gas released
19 caused an explosion, fire, and \$5.1 million in property damage.

20 170. 2009, Wyoming Refining Company, Newcastle, Wyoming: Unspecified
21 gas release injured two people.

22 171. 2009, Ponca City refinery, Ponca City, Oklahoma: Unspecified gas leak
23 injured one worker.

24 172. 2009, Billings refinery, Billings, Montana: A large fire collapsed a fuel
25 tank.

26 173. 2009, Garyville refinery, Garyville, Louisiana: Unspecified spill injured
27 one worker.

28

1 174. 2009, Flint Hills Resources, Corpus Christi, Texas: Within a week,
2 lightning ignited a fire in a storage tank, and a separate fire broke out in a corrosion
3 inhibitor tank.

4 175. 2008, December, Valero refineries, Corpus Christi, Texas: Release of
5 unspecified gas injured one worker.

6 176. 2008, March, Valero refineries, Corpus Christi, Texas: Fire and release
7 of unspecified gas caused \$364,000 in damage.

8 177. 2008, February, Valero refineries, Corpus Christi, Texas: Unspecified
9 gas release injured one worker.

10 178. 2008: Galveston Bay refinery, Texas City, Texas: Gas release and
11 explosion killed one worker and injured two others.

12 179. 2008, Catlettsburg refinery, Catlettsburg, Kentucky: Diesel spill caused
13 \$21,000 in property damage and contaminated the soil.

14 180. 2008, Catlettsburg refinery, Catlettsburg, Kentucky: Fire caused
15 \$150,000 in property damage and led to soil contamination.

16 181. 2008, Catlettsburg refinery, Catlettsburg, Kentucky: Fire caused
17 \$150,000 in property damage and led to soil contamination.

18 182. 2008, CHS McPherson refinery, McPherson, Kansas: Explosion and
19 spill of unspecified material caused \$456,000 in property damage.

20 183. 2008, CHS Laurel refinery, Laurel, Montana: Fire and explosion caused
21 \$7 million in property damage.

22 184. 2008, Woods Cross refinery, Woods Cross, Utah: A large explosion
23 rocked the HF acid unit; the explosion was forceful enough to shake nearby homes
24 and make some residents think there was an earthquake. Nearby residents heard
25 alarms from the refinery, and many decided to evacuate. One resident reported, "The
26 fire looked like a hundred feet high just coming from the refinery, so I thought maybe
27 the whole thing was going to blow up. The whole neighborhood, everybody was
28 scrambling, getting in their cars, trying to get out of here."

1 185. 2008, April, Wynnewood refinery, Wynnewood, Oklahoma: Fire.

2 186. 2008, February, Wynnewood refinery, Wynnewood, Oklahoma: Fire.

3 187. 2008, Big Spring refinery, Big Spring, Texas: Explosion. Four workers
4 were injured, including one with severe burns. One passing driver was hit by debris
5 and treated at a hospital. The Chemical Safety Board lacked the personnel to
6 investigate. The explosion stemmed from a pipe rupture from a pump that had been
7 installed in 1978 and welded poorly. Two local schools were evacuated, and classes
8 were cancelled at all nine local district schools and at a local college.

9 188. 2007, **Trainer refinery**, Trainer, Pennsylvania: Unspecified spill led to
10 45 people being evacuated and caused \$50,000 in property damage.

11 189. 2007, Robinson refinery, Robinson, Illinois: Hydrogen sulfide leak
12 killed worker.

13 190. 2007, Port Arthur refinery, Port Arthur, Texas: Pipe swelled and burst,
14 causing an explosion and fire.

15 191. 2007, Port Arthur refinery, Port Arthur, Texas: Hydrogen sulfide release
16 sent nearly 40 people to the hospital.

17 192. 2007, Wynnewood refinery, Wynnewood, Oklahoma: Fire and explosion
18 broke out after a tank containing naphtha (a carcinogenic petrochemical) was struck
19 by lightning. Force of the explosion was felt several miles away.

20 193. 2007, Pasadena refinery, Pasadena, Texas: Undescribed gas release and
21 spill caused \$400,000 in damage.

22 194. 2007, Laurel refinery, Laurel, Montana: Unspecified spill injured 14
23 workers.

24 195. 2007, Canton refinery, Canton, Ohio: Unspecified spill injured one
25 worker.

26 196. 2007, Billings refinery, Billings, Montana: Large fire and explosion;
27 flames reached above 100 feet, and residents felt the explosion from 2 miles away.
28 \$9.8 million in property damage.

1 197. 2007, December, St. Paul Park refinery, Saint Paul Park, Minnesota:
2 Refinery employee working on top of a tank holding fuel oil was killed when the tank
3 exploded.

4 198. 2007, September, St. Paul Park refinery, Saint Paul Park, Minnesota:
5 Chemical leak resulted in hospitalization of three workers.

6 199. 2006, Valero Corpus Christi refineries, Corpus Christi, Texas: Refinery
7 spilled more than 140,000 gallons of oil into the Corpus Christi Ship Channel.

8 200. 2005, Valero Corpus Christi refineries, Corpus Christi, Texas:
9 Unspecified gas release injured four workers.

10 201. 2005, Valero Corpus Christi refineries, Corpus Christi, Texas:
11 Unspecified gas release injured one worker.

12 202. 2005, Sweeny refinery, Old Ocean, Texas: Explosion caused \$680,000
13 in damage.

14 203. 2005, Port Arthur refinery, Port Arthur, Texas: Unspecified gas release
15 injured one worker.

16 204. 2005, Galveston Bay refinery, Texas City, Texas: An explosion killed 15
17 workers, injured 180, and damaged homes up to three-quarters of a mile from the
18 refinery.

19 205. 2004, Valero Corpus Christi refinery, Corpus Christi, Texas: Fire and
20 spill of unspecified material injured one worker.

21 206. 2004, Valero Corpus Christi refinery, Corpus Christi, Texas: Gas release
22 injured one worker.

23 207. 2004, Sweeny refinery, Old Ocean, Texas: Fire and spill of unspecified
24 material injured one worker and caused \$120,000 in damage.

25 208. 2004, Catlettsburg refinery, Catlettsburg, Kentucky: spill causing large
26 monetary damages both on-site and off-site.

27 209. 2004, Canton refinery, Canton, Ohio: Spill injured a worker.
28

1 210. 2003, Ponca City refinery, Ponca City, Oklahoma: Explosion and fire
2 erupted during work to remove a vertical pump; two workers were injured, and one of
3 the two later died from their injuries.

4 211. 2002. Wyoming Refining Company, New Castle, Wyoming: Spill rained
5 20 tons of silica catalyst over portion of town. Several residents complained of skin,
6 eye, and throat irritation, suspecting exposure to vanadium pentoxide.

7 212. 2001, Valero Three Rivers refinery, Three Rivers, Texas: Explosion and
8 fire after a vapor release in the alkylation unit injured three. Nearly 300 employees
9 and all homes within a seven-block radius of the refinery were evacuated.

10 213. 2001, **Lemont refinery**, Lemont, Illinois: Two back-to-back fires caused
11 structural damage to the refinery's distillation unit, shutting that unit down for one
12 year. An investigation found that the cause of the original fire was incorrect piping
13 material in a pipe elbow, leading to its failure.

14 214. 2001, Galveston Bay refinery, Texas City, Texas: Contract worker died
15 due to asphyxiation after being overcome from chemical fumes.

16 215. 2000, Valero Corpus Christi refineries, Corpus Christi, Texas: One
17 contractor died and one was injured during a release of hydrogen sulfide emissions.

18 216. 1997, St. Paul Park refinery, Saint Paul Park, Minnesota: Fire and
19 explosion injured five; the operator later pled guilty to criminal charges related to the
20 incident.

21 217. 1996, **Torrance refinery**, Torrance, California: A gasoline release led to
22 a fire and explosion. The explosion was large enough that the shaking woke nearby
23 residents.

24 218. 1996, **Wilmington refinery**, Wilmington, California: A large explosion
25 shook homes and boats. Dust and metal debris rained down on nearby homes and
26 businesses. The explosion was felt more than 8 miles away and scared local residents.

27 219. 1995, **Wilmington refinery**, Wilmington, California: Large fire injured
28 six people and required the response of more than 120 firefighters.

1 220. 1994, **Torrance refinery**, Torrance, California, A pipe releasing
2 flammable gases led to an explosion that injured at least 20 workers. The blast
3 happened close to the HF alkylation unit.

4 221. 1994, Big West Oil refinery, North Salt Lake, Utah: Explosion.

5 222. 1992, **Wilmington refinery**, Wilmington, California: Large fire and
6 explosion injured 16; damaged 4,500 buildings; and forced the evacuation of
7 hundreds of people from nearby homes.

8 223. 1991, Sweeny refinery, Old Ocean, Texas: Fire and explosion injured
9 two workers.

10 224. 1991, Ferndale refinery, Ferndale, Washington: Seven people were
11 injured in an explosion and fire after a fuel line was accidentally opened.

12 225. 1987, Navajo refinery, Artesia, Mexico: Debris from an explosion hit
13 and killed one employee.