

Supplement for

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Main Sources for Table 1

- [1] Lagadec, P. 1981. *Major Technological Risk: An Assessment of Industrial Disasters*. Pergamon Press, New York. (Translated from French by H. Ostwald. 1982. Anchor Press Ltd).
- [2] Perrow, C. 1984. *Normal Accidents: Living with High Risk Technologies*. Princeton University Press, Princeton, N.J.
- [3] Rogers, W. P., et al. 1986. *Report of the Presidential Commission on the Space Shuttle Challenger Accident*. Government Printing Office, Washington D.C.
- [4] Lewis, R. S. 1988. *Challenger, the Last Voyage*. Columbia University Press, New York.
- [5] Shrivastava, P. 1987. *Bhopal: Anatomy of a Crisis*. Ballinger Publishing Company, Cambridge.
- [6] Silver, L. R. 1987. *Fallout from Chernobyl*. Deneau Publishers and Company Ltd., Toronto.
- [7] U.S Congress. 1988. *Iran Airflight 655 Compensation Hearings before the Defense Policy Panel of the Committee on Armed Services, House of Representatives, Second Session Held on August 3, and 4, September 9, and October 6, 1988*. U.S Government Printing Office, Washington, D.C.
- [8] Turner, A. B. 1976. The Organizational and Inter-organizational Development of Disasters. *Administrative Science Quarterly* **21** 378-397.
- [9] Rosenthal, U., M. Charles, P. Hart. 1989. *Coping with Crises: the Management of Disasters, Riots and Terrorism*. Charles C. Thomas Publisher Ltd., Springfield, Illinois, U.S.A.
- [10] Comfort, L., J. Abrams, J. Camillus, E. Ricci. 1989. From Crisis to Community: the Pittsburgh Oil Spill. *Industrial Crisis Quarterly* **3** 17-39.
- [11] Tombs, S. 1989. Deviant Workplaces and Dumb Managements? Understanding and Preventing Accidents in the Chemical Industry. *Industrial Crisis Quarterly* **3** 191-211.
- [12] Charles, T., A. Settle. 1991. United Flight 232: Sioux City's Response to an Air Disaster. *Industrial Crisis Quarterly* **5** 77-90.
- [13] Chess, C., M. Tamuz, A. Saville, M. Greenberg. 1992. Reducing Uncertainty and Increasing Credibility: the Case of Sybron Chemicals Inc. *Industrial Crisis Quarterly* **6** 55-70.
- [14] Pauchant, T., I. Mitroff, D. Weldon, G. Ventolo. 1990. The Ever-expanding Scope of Industrial Crises: a Systemic Study of the Hinsdale Telecommunications Outage. *Industrial Crisis Quarterly*. **4** 243-261.
- [15] Powell, C. T. 1991. Shaken, but Alive: Organizational Behavior in the Wake of Catastrophic Events. *Industrial Crisis Quarterly* **5** 271-291.
- [16] Rochlin, Gene I. 1991. Iran Air Flight 655 and the USS Vincennes: Complex, Large-scale Military Systems and the Failure of Control. T. La Porte, Ed. *Social Responses to Large Technical Systems: Control or Anticipation*. Kluwer Academic Publishers, Netherlands.

- [17] Yurechko, J. 1992. Political Science — Storm Center: The USS Vincennes and Iran Air Flight 655 by Sharon Rogers and Will Rogers with Gene Gregston. *Library Journal* **117**(16) 107-113.
- [18] Carlson, David R. 1989. Why was Flight 655 Shot Down. *Harper's* **279**(1674) 26-28.
- [19] Time. 1988. Failure to Communicate. *Time* 132(25) 30.
- [20] Bower, B. 1988. Human Factors' and Militarily Decisions. *Science News* **134**(16) 245-246.
- [21] Griffiths, D. 1988. When Man Can't Keep Up with the Machines of War. *Business Week* **3069** 36.
- [22] Aviation Week & Space Technology. 1988. Despite Advanced Technologies, Aegis' Identification Ability Limited. *Aviation Week & Space Technology* **129** (2) 19-20.
- [23] Economist. 1988. The Flightpath to Disaster. *Economist* **308** (7558) 43-44.
- [24] Cockburn, A. 1988. The Fog of War. *New Statesman and Society* **1**(5) 18-19.
- [25] Williams, D., G. Treadaway. 1992. Exxon and the Valdez Accident: A Failure in Crisis Communication. *Communication Studies* **43**(1) 56-64.
- [26] Marshall, E. 1989. Valdez: the Predicted Oil Spill. *Science* **244**(4900) 20-21.
- [27] Covalut, C. 1987. New Factors Cited in Challenger Accident. *Aviation Week and Space Technology* **126**(8) 21-22.
- [28] Bleiberg, R. 1988. Fresh Disaster at Bhopal: Indian Politics Threaten to Compound the Victims' Woes. *Barron's* **68**(5) 9.
- [29] Gupta, J. 1986. Bhopal Revisited. *World Press Review* **33**(2) 56.
- [30] Lepkowski, W. 1988. Two Views of India's Chemical Disaster. *Chemical and Emerging News* **66**(2) 24-25.
- [31] Karwath, R. and A. Barnum. 1991. Bell to Pay \$1 Million in Phone Outage Deal. *Chicago Tribune* 1D: 1:2.
- [32] Maples, D. 1990. Revelations of a Chernobyl Insider. *Bulletin of the Atomic Scientists* **46**(10) 16-21.
- [33] Lipford, B. N. Cole, T. Frederichs. 1991. Three Mile Island Revisited. *Mechanical Engineering* **113**(1) 42-47.
- [34] Reed, S and M. Herman. 1989. Ten Years Later, Nuclear Ghosts Still Haunt Three Mile Island. *People Weekly* **31**(13) 64-71.
- [35] Ahearne, J. 1987. Nuclear Power After Chernobyl. *Science* **236**(4802) 673-679.
- [36] Cook, J. 1986. Inpo's Race against Time. *Forbes* **137**(4) 54-58.
- [37] Cable, S., E.. Walsh, R. Warland. 1988. Differentiation Processes after the Three Mile Island Accident. *Social Forces* **66**(4) 951-969.
- [38] Greve, M. 1991. After Playing Politics with Health Fears for Two Decades the EPA Rediscovered the Environment. *American Enterprise* **2**(6) 52-61.
- [39] Klinkenborg, V. 1991. Back to the Love Canal. *Harper's*, **282** (1690) 71-78.
- [40] Underwood, A. 1990. The Return to Love Canal. *Newsweek* **116**(5) 25.
- [41] Brown, M. 1989. Reports and Comments: Environment: A Toxic Ghost Town. *Atlantic* **264**(1) 23-28.

- [42] Weaver, J. E. 1991. Economics — Ethiopia: Failure of land Reform and Agricultural Crisis by Mengisteav Kidane. *Choice* **28** (9) 1534.
- [43] Darnell, T. 1988. Oil on the Ohio. *American City and County* **103**(6) 1-34.
- [44] Phillips, S., G. Miles, M. Schroeder. 1988. A Million Gllons of Trouble for Ashland. *Business Week* **3034** 23.
- [45] Maxtone-Graham, J. 1987. Death of an Oilpot. *New York Times Book Review* **27** March 29, 1987.
- [46] Kemeny, J. 1981. *Report to the President's Commission on the Accident at Three Mile Island*. Pergamon Press, New York.
- [47] Sharpe, M. 1999. *Air disasters: the truth behind the tragedies*. Brown Partworks Limited, London.
- [48] Stewart, S. 1986. *Air Disasters: dialogue from the Black Box*. Ian Allan, London.
- [49] Gunn, A. 2003. *Unnatural Disasters: Case Studies of Human-Induced Environmental Catastrophes*. Greenwood Publishing Group, Westport, CT.
- [50] British Railway Disasters 1996. Ian Allan Ltd, Hersham, Surrey, KT,
- [51] Leonard, D. 1939. *Naval Interviews for the SQUALUS Memorial Benefit Concert Program - Little Boar's Head*, New Hampshire
- [52] Chalcraft, G. 2001. *British submarines of World War II*. <http://web.ukonline.co.uk/chalcraft/sm/thetis.html>.
- [53] Naval Historical Center. 2001. *USS Thresher (SSN-593), 1961-1963*. <http://www.history.navy.mil/photos/sh-usn/usnsh-t/ssn593.htm>.
- [54] Higgins, C. 2002. *Nuclear Submarine Disasters*. Chelsea House Publishers, Langhorne, PA.
- [55] Bøhmerk, N., T. Nilsen. 1995. Reprocessing plants in Siberia. Bellona Working Paper No. 4, Oslo.
- [56] Lakestay. *The 1957 Windscale fire*. <http://www.lakestay.co.uk/1957.htm>
- [57] Radiation on works. <http://www.radiationworks.com/sl1reactor.htm>
- [58] Comey, D. 1976. *The fire at the Brown's Ferry Nuclear Power Station*. Friends of the Earth, California
- [59] Zak, A. 1997. *Rockets: R-16 family: Nedelin disaster*. http://www.russianspaceweb.com/r16_disaster.html.
- [60] NASA History Office. 1967. Report of Apollo 204 Review Board. *NASA Historical Reference Collection*, NASA Headquarters, Washington, DC <http://www.hq.nasa.gov/office/pao/History/Apollo204/>.
- [61] Heller, J. 2000. Horrific accident created an unforgettable scene. *St. Petersburg Times*, May 7, 2000, Online Edition.
- [62] Health and Safety Executive. 2001. Staveley Chemicals Ltd- Derbyshire 27 June, 1982. *Health and Safety Executive*, Hazardous Installations Directorate. www.hse.gov.uk.
- [63] Health and Safety Executive. 2001. Flixborough Nypro UK Explosion 1 June, 1974. *Health and Safety Executive*, Hazardous Installations Directorate. www.hse.gov.uk.
- [64] Health and Safety Executive. 2001. Feyzin 4 January, 1966. *Health and Safety Executive*, Hazardous Installations Directorate. www.hse.gov.uk.
- [65] Health and Safety Executive. 2001. Chemstar Ltd Explosion/Fire 6 September, 1981. *Health and Safety Executive*, Hazardous Installations Directorate. www.hse.gov.uk.

- [66] Health and Safety Executive. 2001. Bhopal- Union Carbide 3 December, 1984. *Health and Safety Executive*, Hazardous Installations Directorate. www.hse.gov.uk.
- [67] United States Coast Guard. 1947. *Record of proceedings of Board of Investigation inquiring into losses by fires and explosions of the French Steamship Grandcamp and U.S. Steamships Highflyer and Wilson B. Keene at Texas City, Texas 16 and 17 April*. Treasury Department, United States Coast Guard, Washington, 24 September 1947.
- [68] Department of Transportation. 1976. *Marine Casualty Report- SS Transhuron fire on 24 September 1974 and Grounding on 26 September 1974, Arabian Sea*. National Transportation Safety Board, Washington D.C., n USCG/NTSB-MAR-76-2.
- [69] Department of Transportation. 1973. *Marine Accident Report- SS Steel Vendor, South China Sea, October 7, 1971*. National Transportation Safety Board, and U.S. Coast Guard, Washington D.C., n USCG/NTSB-MAR-73-1.
- [70] Schlager, Neil, and Schlager, Nell (eds.) 1994. *When technology fails. Significant disasters, accidents, and failures of the twentieth century*. Gale Research Inc, Detroit, USA.
- [71] Department of Transportation. 1977. *Marine Casualty Report- SS Keytrader-SS Baune Collision and Fire, without loss of life, Lower Mississippi River, 18 January 1974*. National Transportation Safety Board, and U.S. Coast Guard, Washington D.C., n USCG/NTSB-MAR-77-1.
- [72] United States Coast Guard. 1977. *Decision of the Commandant*. United States Coast Guard, n2096, Washington D.C., 28 February, 1977.
- [73] Maier, T. 2001. Kal 007 Mystery. *Insight on the News*, April 16, 2001: Online Edition.
- [74] Lee, R. 1988. *What happened to Flight 007?* The New American 4 (18) Online Edition.
- [75] Health and Safety Executive. 1985. *Fire and explosion at Cory's Warehouse, Toller Road, Ipswich: 14 October 1982*. HMSO, Library of Congress, Great Britain.
- [76] Chess, C., A.Saville, M.Greenberg, M. Tamuz. 1991. *From Crisis to Credibility: Behind the scenes of the risk communication program of Sybron Chemicals, Inc*. Environmental Communication Research Program. New Brunswick, NJ: Rutgers University, Rutgers University, July, 1991.
- [77] Research Centre for Prisons, Psychprisons and Forced Labor Concentration Camps of USSR. 1991. *Press Release*. Research Centre for Prisons, Psychprisons and Forced Labor Concentration Camps of USSR, Jerusalem, Israel, July 11, 1991.
- [78] Health and Safety Executive. 1983. *Fire and explosion at Manro Products Ltd, Stalybridge 11 December 1982*. HMSO, Library of Congress, Great Britain.
- [79] Bleyer, B. Online Edition. The General Slocum Disaster. *Newsday.com*, Long Island History.
- [80] Oats, D. Online Special Edition. Disaster at Hell Gate.... The Sinking of General Slocum. *Queens Courier Online*, Special Edition: Queen's Own Titanic.
- [81] Zasky, J. 2003. Up the creek without a paddle: Remembering a tragedy: The steamboat General Slocum 1904. *Failure Magazine*, History Archives, August 2003, Online Edition.
- [82] Kornblum, W., P. Hamill, and O.Williams, 2002. *At Sea in the City: New York from Water's Edge*. Algonquin Books.
- [83] Marine Board of Investigation. 1981. *M.S. Summit Venture Liberian Registry; Collision with Sunshine Skyway Bridge, Tampa Bay, FL on 9 May 1980 with multiple loss of life*. Department of Transportation, United States Coast Guard, Washington D.C., Memo n16732, 9 February, 1981.

- [84] United States Coast Guard. 1978. *Marine Board Casualty Report- USCGC Cuyahoga, M/V Santa Cruz II Argentinean: Collision in Chesapeake Bay on 20 October 1978 with subsequent sinking of USCGC Cuyahoga with loss of life*. United States Coast Guard, Washington D.C., n USCG 16732/92368.
- [85] Christchurch City Libraries. Online Edition. *New Zealand Disasters- Aircraft Accident: DC. 10 ZK-NZP Flight 901*. Christchurch City Libraries, Christchurch City Council, Christchurch, New Zealand.
- [86] Office of Air Accidents Investigation. 1980. *Air New Zealand McDonnell-Douglas DC 10-30 ZK-NZP, Ross Island, Antarctica, 28 November 1979*. Office of air Accidents Investigation, Ministry of Transport, Wellington, Report n 79-139.
- [87] Fire Prevention and Engineering Bureau of Texas and The National Board of Fire Underwriters. 1947. *Texas City, Texas, Disaster, April 16, 17, 1947*. Report by Fire Prevention and Engineering Bureau of Texas, Dallas, Texas and The National Board of Fire Underwriters, New York.
- [88] Peters, K. 2003. Making Waves. *Government Executive* **3514** 30-35
- [89] Macaulay, M. 1912. 1912 Titanic Coverage by the Truro Daily News. *Truro Daily News* April 15-24, 1912.
- [90] Velasquez, M. 2001. *Business Ethics: Concepts and Cases*. Prentice Hall, 2001.
- [91] New York Committee for Occupational Safety and Health. 2001. *The deadly truth about asbestos*. New York Committee for Occupational Safety and Health, New York: Online Chronology.
- [92] BBC News. Online Edition. 1989: Six Die in Purley rail crash. On This Day, *BBC News Online*.
- [93] Randell, B. 1990. British train Crash. *Risk Digest* **10** (31) 5 September, 1990. Online Forum.
- [94] The United Kingdom Parliament. 1991. *Rail Crash Glasgow*. House of Commons Hansard Debates for 22 July 1991.
- [95] Fujimoto, K. *Nuclear accident in Tokai, Japan*. National Institute of Radiological Sciences, Chiba, Japan.
- [96] WISE-Paris. 1999. *Criticality accident at uranium conversion facility at Tokai-Mura, Japan*. Plutonium Investigation, WISE-Paris, 18 October 1999: Online Chronology.
- [97] Uranium Information Centre Ltd. 2000. *Tokaimura Criticality Accident*. Nuclear Issues Briefing Paper no. 52, Uranium Information Centre Ltd, Melbourne, Australia, June 2000.
- [98] Martin, R. 1999. Hartford Civic Arena roof collapse, Hartford, Connecticut, January 18, 1978. In Rachel Martin, *Failure Case Studies in Civil Engineering Education*, Online Resource.
- [99] Engineering News-Record. 1984. Roof collapse suit settled. *Engineering News-Record*, McGraw-Hill, Inc., April 5, 1984.16
- [100] Casey, H. 2003. Vegas MGM Grand fire 20 years ago among the worst. *Firehouse.com*, Special Report, November 20, 2003, Online Resource.
- [101] Clark County Fire Department. 1980. *Official Report on Fire at MGM Grand Hotel in Las Vegas, Nevada on November 21, 1980*. Clark Country Fire Department, Las Vegas, Nevada, Case 33381.
- [102] Engineering News-Record. 1981. Collapse report cites shear. *Engineering News-Record*, McGraw-Hill, Inc., October 22, 1981 13
- [103] Engineering News-Record. 1981. Florida collapse blamed on design. *Engineering News-Record*, McGraw-Hill, Inc., June 18, 1981.39

- [104] Woodward, S., R. J. Pessek 1981. 20 Years Ago: The Hyatt Horrow: 111 dead, 188 hurt and a city in shock. *The Kansas City Star*, July 19, 1981, Online Edition.
- [105] Martin, R. 1999. L’Ambiance Plaza Collapse, Bridgeport, Connecticut, April 23, 1987. In Rachel Martin, *Failure Case Studies in Civil Engineering Education*, Online Resource.
- [106] Culver, C., R. Marshall. 1994. Investigation of L’Ambiance Plaza building collapse. *Journal of Performance of Constructed Facilities* **8** (2) 160-161.
- [107] Court of Appeal of California. 1981. *Richard Grimshaw, a minor, etc., plaintiff and appellant, v. Ford Motor Company, defendant and appellant. Carmen Gray, a minor, etc., et al., plaintiff and appellants, v. Ford Motor Company, defendant and appellant*. Court of Appeal of California, Fourth Appellate District, Division Twp, May 29, 1981, Civ. No. 20095.
- [108] The Center for Auto Safety. Online. *Ford Pinto fuel-fed fires*. Center for Auto Safety, Washington, D.C.
- [109] The Center for Auto Safety. Online. *Statement of Clarence Diltow, September 12, 2000*. Center for Auto Safety, Washington, D.C.
- [110] Skrzycki, C. 2000. The regulators: Fire stonewalling again? Two decades later, echoes of earlier testimony. *The Washington Post* September 12, 2000 E01.
- [111] Czinkota, M.R. and Bao-Nga Tran. 2003. *The Audi 5000: The Aftermath of sudden acceleration*. In Ed. Czinkota, M. R. and M. Kotabe, *Marketing Management*, 2nd ed., Cincinnati, OH: South-Western College Publishing, 2001.
- [112] Israel, H. 1986. Computer risks and the Audi 5000. *Risk Digest* **4** (17), 24 November, 1986. Online Forum.
- [113] Huber, P. 1989. Manufacturing the Audi scare. *The Wall Street Journal*, December 18, 1989. Provided by Center for Legal Policy at the Manhattan Institute v **18**, January 1990. Online edition.
- [114] Field, M., D. McIntyre. 2000. *Big Boulder crosses Canada*. What On Earth, University of Waterloo Publication, **13** (2), Spring 2000.
- [115] Wilson, D.M. Online Resource. *Crowsnest Pass, Alberta: History*. Crowsnest Highway, South Western Canada’s Information Resource.
- [116] Martel, S. 2002. *Case Histories: Translational landslides*. Case Studies, University of Hawaii, March 8, 2002, Available Online.
- [117] Bryan, J. 1950. *I Kissed them and said goodnight: The Frank Slide*. Winnipeg99 Free Press, October 15, 1950.
- [118] Orloff, R. 2001. *Apollo by numbers: a statistical reference*. NASA publication 2000-4029
- [119] Encyclopedia Astronautica. <http://www.astronautix.com/flights/soyuz1.htm>
- [120] Voros, M., Gy Honti. 1974. Explosion of a Liquid CO₂ Storage Vessel in a Carbon Dioxide Plant In Buschmann, C.H. ed. *Loss Prevention and Safety Promotion in the Process Industries*. Amsterdam: Elsevier Scientific Publishing
- [121] Roberts, N.C., K. Dotterway. 1995. The Vincennes incident: Another player on the stage? *Defense Analysis* **11**(1) 31-45.
- [122] Castenfors, K. 2000. *Diagnosing crisis management: Presentation of an instrument for diagnostic observation and inquiry into peacetime social crises*. Defense Research Establishment, Division of Defense Analysis, Stockholm, Sweden.

- [123] Department of Minerals and Energy Western Australia, Mining Operations Division. March 2000. The Diamond Crystal Mine Disaster. *Minesafe* **11** (1) 6-7.
- [124] Reporter, Fort-Covington, The Sun Newspaper. March 15, 1906. French mine disaster. *The Sun* **XXL (42)**: 1.
- [125] Brooks, J., D. Wiesenburg, R. Burke, M. Kennicutt. 1981. Gaseous and volatile carbon inputs from a subsurface oil spill in the Gulf of Mexico. *Environmental Science and Technology* **15** (8) 951-959.
- [126] Beitel, J., N. Iwankiw. 2002. *Analysis of needs and existing capabilities for full-scale fire resistance testing*. U.S. Department of Commerce, Building and Fire Research Laboratory, National Institute of Standard and Technology.
- [127] Health and Safety Executive, HM Factory Inspectorate. 1979. *The explosion at the Dow chemical factory, King's Lynn, 27 June 1976: A report*. HMSO
- [128] Health and Safety Executive, HM Factory Inspectorate. 1976. *The explosion at Laporte Industries Ltd, Ilford, 5 April 1975: A report*. HMSO
- [129] National Transportation Safety Board. 1982. *Collision of U.S. Barge Carrier SS Lash Atlantico and Greek Freighter M/V Hellenic Carrier about 13 Nautical Miles Northeast of Kitty Hawk, May 6, 1981*. NTSB Report Number: MAR-82-03
- [130] National Transportation Safety Board. 1982. *Collision of the U.S. Tankship Pisces with the Greek Bulk Carrier Trade Master, Mile 124 Lower Mississippi River, December 27, 1980*. NTSB Report Number: MAR-82-02
- [131] National Transportation Safety Board. 1981. Air California Flight 336 Boeing 737-293, N468AC, John Wayne Orange County Airport, Santa Ana, California, February 17, 1981. NTSB Report Number: AAR-81-12
- [132] CNN. 2004. World Timeline: Subway Disasters. <http://www.cnn.com/2004/WORLD/europe/02/06/subway.timeline/>
- [133] Danger Ahead! - Historic Railway Accidents Website. 1998. France's Worst Peacetime Railway Accident Lagny-Pomponne – 1933. <http://danger-ahead.railfan.net.railfan.net>