Case Study: Bhopal Plant Disaster

Bhopal Plant Disaster
Case Contents

Revised March 3, 2008

1.) Case Study: Situation Summary

2.) Appendices: These may be used selectively by each instructor, depending on his or her emphasis in the use of the case. The appendices provide the technical details for an in-depth analysis of Bhopal as well as additional references both for the instructors and the students.

Appendix A: Chronology

1.) Bhopal Chronology

2.) Ensuing Litigation Chronology

Appendix B: Stakeholders and Level of Responsibility

1.) H-O-T Analysis of Industrial Accidents Applied to Bhopal Gas Leak

2.) Stakeholder Orientations in Industrial Disasters Table

3.) Stakeholder Effects and Responses Table

4.) Comparison of Features of MIC plants in West Virginia and Bhopal

5.) Exercise: Identifying Responsibilities

Appendix C: Economic/industrial climate of India

1.) India's Approach to Economic Development

2.) Chemical Industries in India, summer 1984

This case was created by the International Dimensions of Ethics Education in Science and Engineering (IDEESE) Project at the University of Massachusetts Amherst with support from the National Science Foundation under grant number 0734887. Any opinions, findings, conclusions or recommendations expressed in this material are those of the author(s) and do not necessarily reflect the views of the National Science Foundation. More information about the IDEESE and copies of its modules can be found at http://www.umass.edu/sts/ethics.

This case should be cited as: M.J. Peterson. 2008. "Bhopal Plant Disaster." International Dimensions of Ethics Education in Science and Engineering. Available www.umass.edu/sts/ethics.

3.) Additional Recommended Readings for Students:

B. Bowonder, Jeanne X. Kasperson and Roger E. Kasperson, “Avoiding future Bhopals,” *Environment* 27/ 7 pp. 6-37 (Sept 1985).

Ronald J. Willey, Dennis C. Hendershot, and Scott Berger, “The Accident in Bhopal: Observations 20 Years Later,” *Process Safety Progress* 26/3 pp. 180-184 (Sept. 2007).

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