

Contents

1 Overview and Findings 1

Findings 2

2 The Chemical Weapons Convention 5

Verification Challenges 6

Steps Toward Implementation 9

Changing Industry Attitudes ¹⁰

Companies Affected by the CWC 12

3 Treaty Obligations for Industry 19

Reporting Obligations 19

Inspection Obligations 24

Costs of Inspections 28

4 Constitutional and Other Legal Issues 33

Routine Inspections 34

Challenge Inspections 37

Penal Sanctions 38

Compliance with Environmental and Safety Laws 39

Liability Issues 40

Export Controls 40

5 Protection of Proprietary Information 43

Patent and Trade-Secret Law 46

Proprietary Data and Reporting 47

Proprietary Data and Inspections 48

Preparing for Inspections 50

Inspector Reliability 53

Safeguarding Reported Data 54

Compensation for Loss of Proprietary Information 57

6 Verification Technologies and Industry 61

Nonintrusive Verification Technologies 62

Unattended Monitoring Equipment 63

Index 67

