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Bombing; September 11, 2001, Disaster; Fire Life Safety of Modern Steel-Framed High-Rise Office Buildings; Are Modern Steel-Framed High-Rises Less Fire Resistant Than Previous Generation Buildings?; New York World Trade Center of Investigation; World Trade Center Building (WTC 7); Principal Findings of the Investigation; Recommendations; Fire Risk in High-Rise Buildings; Other Fire Life Safety Features; Emergency Planning Essential Impact of New York World Trade Center Terrorist Attacks on Building Safety February 26, 1993, Bombing; September 11, 2001, Catastrophe; A Clear Message; Summary; Key Terms; Additional Reading; Chapter 3. Security and Fire Life Safety Threats; What Is a Threat?; Security Threats; Fire Life Safety Threats; Building Emergencies; Aircraft Collisions; September 11, 2001, New York World Trade Center Terrorist Attack; Sequence of Events; World Trade Center Building Performance Study and Final Report on the Collapse of the World Trade Center Towers; Bombs and Bomb Threats; Bombs; Suicide Bombers Vehicle-Borne Improvised Explosive Devices (VBIEDs) 1993 New York World Trade Center, New York; 1993 Bishopsgate Financial Area, London; 1995 Alfred P. Murrah Federal Building, Oklahoma City; 1996 Khobar Towers Residential Military Complex, Dhahran, Saudi Arabia; 1998 U.S. Embassies in Nairobi, Kenya, and Dar es Salaam, Tanzania; 2002 Sheraton Hotel, Karachi, Pakistan; 2002 Nightclub, Bali, Indonesia; 2002 Hotel Mombassa, Kenya; 2003 Residential Compounds, Riyadh, Saudi Arabia; 2003 JW Marriott Hotel, Jakarta, Indonesia; 2003 HSBC Bank and British Consulate, Istanbul, Turkey 2004 Train System, Madrid, Spain

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#### Sommario/riassunto

High-Rise Security and Fire Life Safety, 3e, is a comprehensive reference for managing security and fire life safety operations within high-rise buildings. It spells out the unique characteristics of skyscrapers from a security and fire life safety perspective, details the type of security and life safety systems commonly found in them, outlines how to conduct risk assessments, and explains security policies and procedures designed to protect life and property. Craighead also provides guidelines for managing security and life safety functions, including the development of response plans

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