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| Nota di contenuto | Cover; Preface; Figures; Tables; Summary; Acknowledgments; Glossary; Chapter One - Introduction; Project Approach; Structure of This Monograph; Chapter Two - The Need for PPE Guidelines: Learning from the WTC Tragedy; After the Collapse: The Response and the Hazards; Learning from the WTC Disaster; Chapter Three - Characterization of Post-Structural Collapse Hazards; Physical Hazards; Chemical Hazards; Biological Hazards; Concluding Remarks; Chapter Four - Emergency Response to Structural Collapses; Defining the Hazard Environment; Response Activities at a Structural Collapse Emergency Responders' Typical PPE EnsemblesSummary; Chapter Five - Guidelines for Emergency Responders' PPE Ensembles; Protection Required from Biological Hazards; Protection from Inhalation of Hazardous Materials; Implications for Responders' Typical Ensembles; Summary; Chapter Six - Logistics, Use, and Maintenance Issues at a Structural Collapse; Supply and Logistics; Integration and Compatibility; |

Training; Decontamination; Summary; Chapter Seven - Remaining Challenges for Protecting Emergency Responders at Multistory-Building Collapse Events; Planning for PPE Integration and Compatibility Setting Safe Exposure Limits Concluding Remarks; Appendix - Advisory Board Membership and Participants in Project Review Workshops; References

Sommario/riassunto

This monograph serves as a technical source for National Institute for Occupational Safety and Health (NIOSH) incident commander guidelines for emergency response immediately following large structural collapse events. It characterizes response activities and expected hazards, and develops guidelines for selecting appropriate personal protective equipment (PPE). The partial or complete collapse of a multistory building creates an array of physical, chemical, and biological hazards. The most significant uncertainties are the composition and magnitude of the hazards present in the postcollapse e
