

1. Record Nr.	UNINA9910812667203321
Titolo	Evaluation of the army's draft assessment criteria to aid in the selection of alternative technologies for chemical demilitarization [[electronic resource] /] / Committee on Review and Evaluation of the Army Chemical Stockpile Disposal Program
Pubbl/distr/stampa	Washington, D.C., : National Academy Press, 1995
Descrizione fisica	1 online resource (85 p.)
Disciplina	358.3482
Soggetti	Chemical weapons disposal - Technological innovations Chemical agents (Munitions)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	<p>""Evaluation of the Army's Draft Assessment Criteria to Aid in the Selection of Alternative Technologies for Chemical Demilitarization"";</p> <p>""Copyright""; ""Preface""; ""Contents""; ""Abbreviations and Acronyms"";</p> <p>""Executive Summary""; ""COMMITTEE EVALUATION PROCESS"";</p> <p>""SUMMARY OF FINDINGS AND RECOMMENDATIONS""; ""1 Introduction""; ""THE ARMY'S ALTERNATIVE TECHNOLOGIES PROGRAM"";</p> <p>""THE ARMY'S DRAFT ASSESSMENT CRITERIA""; ""EVALUATION PROCESS""; ""2 Alternative Technology Research and Development Program""; ""CHEMISTRY AND BIOLOGY OF ALTERNATIVE PROCESSES""</p> <p>""DECISIONS ABOUT ALTERNATIVE TECHNOLOGIES""""ALTERNATIVE TECHNOLOGY RDT&E PROGRAM ELEMENTS""; ""3 Critical Factors for Evaluating Criteria""; ""DEVELOPMENT OF CRITICAL FACTORS UNDERLYING CRITERIA""; ""SYNOPSIS OF CRITICAL FACTORS"";</p> <p>""PROCESS EFFICACY""; ""Detoxification of Agent""; ""Achieving Treaty Requirements""; ""Achieving Environmental and Other Regulatory Requirements""; ""Management of Process Residuals""; ""Process Stability, Reliability, and Robustness""; ""Process Monitoring""; ""Natural Resource Requirements""; ""Scale-up Requirements""; ""Applicability to Other Wastes""</p> <p>""PROCESS SAFETY""""Plant Safety and Health Risks""; ""Community Safety, Health, and Environmental Risks""; ""Storage Risks"";</p>

""SCHEDULE""; ""PROCESS COSTS""; ""Extended Stockpile Storage Interval""; ""Process Development""; ""Process Implementation and Operation""; ""Plant Disassembly""; ""Discounting""; ""4 Information Needed for the Army's Decision""; ""INFORMATION INDEPENDENT OF PROCESS CHOICE""; ""Standards of Performance""; ""Agent Destruction and Reversibility""; ""Agent Characterization""; ""Allowable Discharge (or Transport) Limits""; ""Safetya€?Fire and Explosion""
""Safetya€?Reaction Stability""""Information Needed for Each Alternative Process Prior to Process Selection""; ""Site-Specific Conceptual Design Packages""; ""Conceptual Design""; ""Further Development and Demonstration Plans""; ""Additional Planning Information""; ""Contingency Planning""; ""Site- and Technology-Specific Risk Assessments""; ""Accident Risk Comparison""; ""Environmental Risk Comparison""; ""Health Risk Comparison""; ""TREATMENT OF UNCERTAINTY""; ""5 Summary and Evaluation of the Army's Criteria Document""; ""SUMMARY OF THE ASSESSMENT CRITERIA DOCUMENT""
""Criteria Development""""Basic Evaluation Categories""; ""Public Law""; ""Regulatory and Legal""; ""Environmental Protection""; ""Worker Safety""; ""Public Acceptance""; ""Public Health and Safety""; ""Schedule""; ""Cost""; ""Research, Development, and Testing""; ""Process Design""; ""EVALUATION OF THE ARMY DRAFT ASSESSMENT CRITERIA""; ""Process Efficacy""; ""Detoxification of Agent""; ""Achieving Treaty Requirements""; ""Achieving Environmental and Other Regulatory Requirements""; ""Management of Process Residuals""; ""Process Stability, Reliability, and Robustness""; ""Process Monitoring""
""Natural Resource Requirements""
