1. Record Nr. UNINA9910798456603321

Titolo	Effects of the deletion of chemical agent washout on operations at the Blue Grass Chemical Agent Destruction Pilot Plant
Pubbl/distr/stampa	Washington, District of Columbia : , : The National Academies Press, , 2016 ©2016
ISBN	0-309-38949-6
Descrizione fisica	1 online resource (53 pages)
Disciplina	623.445
Soggetti	Chemical weapons disposal - Kentucky - Richmond Water reuse - Kentucky - Richmond Kentucky Richmond
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Introduciton -- Plant process changes as a result of washout deletion -- Impacts on calculation of destruction efficiency -- Process modeling in support of washout deletion -- Appendixes -- Appendix A: Committee activities -- Appendix B: Sketches of Committee members.
Sommario/riassunto	"The United States manufactured significant quantities of chemical weapons during the Cold War and the years prior. Because the chemical weapons are aging, storage constitutes an ongoing risk to the facility workforces and to the communities nearby. In addition, the Chemical Weapons Convention treaty stipulates that the chemical weapons be destroyed. The United States has destroyed approximately 90 percent of the chemical weapons stockpile located at seven sites. Due to public opposition to the use of incineration to destroy the BGAD stockpile, Congress mandated that non- incineration technologies be identified for use at BGCAPP. As a result, the original BGCAPP design called for munitions to be drained of agent and then for the munition bodies to be washed out using high-pressure hot water. However as part of a larger package of modifications called Engineering Change Proposal 87 (ECP-87), the munition washout step was eliminated. Effects of the Deletion of Chemical Agent Washout on Operations at the Blue Grass Chemical Agent Destruction Pilot Plant examines the impacts of this

design change on operations at BGCAPP and makes recommendations to guide future decision making"--Publisher's description.