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Item 2962

Project No. & Tech. Obj.	Title & Security Class. Thereof	Prio- rity	Sec. of Project	Current Action
* 4-08-06-012 CW-4c (EW-4c)	Small Decontaminating Apparatus (U)	2	U	Continue as 4-08-06-031-02.
# 4-08-06-014 CW-4a	Carbon Monoxide Alarm (U)	2	U	Record as Complete. Remaining work under 4-72-05-015.
* 4-08-06-015 CW-4a (BW-4a)	Detection Methods & Materials for Toxic Agents (U)	1-A	S	Continue as 4-08-06-029-04.
* 4-08-06-018 CW-4c	Improved Decontaminating Agent, Non-Corrosive (U)	2	C	Continue as 4-08-06-031-03.
* 4-08-06-019 CW-4c (EW-4c) (AW-5c)	Improved Decontaminating Apparatus, Power-Driven, Truck-Mounted (U)	2	U	Continue as 4-08-06-031-04.
* 4-08-06-020 CW-4b	Pharmaceuticals for Protection Against G-Agents (U)	1-C	S	Continue as 4-08-02-017-02.
* 4-08-06-021 CW-4b	Devices & Procedures for Clothing Impregnation (U)	1-C	C	Continue as 4-80-04-013-01.
* 4-08-06-023 CW-5	Therapeutic Material for Prevention & Treatment of CW Casualties (U)	1-C	S	Continue as 4-08-02-017-03.
* 4-08-06-024 CW-5 (CW-4a) (AW-5a)	CW & RW Aspects of Food & Water (U)	1-C	S	Continue as 4-08-02-017-04.
* 4-08-06-025 CW-4a	Area GB Alarm (U)	1-A	S	Continue as 4-08-06-030-02.
* 4-09-02-013 LC-5	Nonintegral Flame Thrower (U)	1-C	C	Continue as 4-09-02-019-61.

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Project No. & Tech.Obj.	Title & Security Class. Thereof	Prio- rity	Sec. of Project	Current Action
* 4-09-02-015 LC-5	Service Equipment for Mechanized Flame Thrower(U)	1-C	U	Continue as 4-09-02-019-02.
# 4-09-02-016 LC-5	Integral Flame Thrower for the T48 Medium Tank (U)	1-C	C	Record as complete by separate action.
* 4-09-02-017 LC-5	Flame Thrower for AUV/APC Class Vehicles (U)	1-C	C	Continue as 4-09-02-019-03.
4-09-02-018 LC-5	Portable Flame Throwers (U)	1-C	C	Continue with sub-projects identified.
* 4-09-04-001 CW-1b	Incendiary Agents, Solid & Viscous (U)	1-C	C	Continue as 4-09-06-004-03.
* 4-09-05-001 CW-1b	Incendiary Oil Field Test Kit (U)	1-C	U	Continue as 4-09-06-004-04.
* 4-09-06-003	Incendiary Projector (U)	1-C	C	Continue as 4-09-06-004-05.
4-12-80-005 AW-5a	Tactical Dosimeter (U)	1-C	C	Continue as is.
* 4-12-90-001 AW-5b	Health Physics (U)	1-C	U	Continue as 4-08-02-018-03.
4-16-16-004 BW-5 (AW-4)	Biological Warhead for the CORPORAL Missile (S)	1-A	S	Continue as is.
# 4-16-16-005 BW-5 (AW-4)	Biological Warhead for MX-776 Missile (RASCAL) (S)	1-A	S	Cancel as requested by USAF.
# 4-16-16-006 BW-5	Biological Warhead for MX-775 Missile (SNARK) (S)	1-A	S	Cancel as requested by USAF.
# 4-16-16-007 BW-5	Biological Warhead for MX-771 Missile (MATADOR) (S)	1-A	S	Cancel as requested by USAF.
* 4-16-16-008 CW-3	GB Warhead for CORPORAL Missile (C)	1-A	S	Continue as 4-16-16-020-02.
# 4-16-16-011 CW-3	GB Warhead for MX-771 Missile (MATADOR)(C)	1-A	S	Cancel as requested by USAF.
# 4-16-16-012 CW-3	GB Warhead for MX-776 Missile (RASCAL)(C)	1-A	S	Cancel as requested by USAF.

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Project No. & Tech. Obj.	Title & Security Class. Thereof	Prio- rity	Sec. of Project	Current Action
# 4-16-16-013 CW-3	Incendiary Warhead for MX-771 Missile (MATADOR) (U)	1-A	C	Cancel as requested by USAF.
# 4-16-16-017 CW-3	GB Warhead for MX-775 Missile (SNARK) (C)	1-A	S	Cancel as requested by USAF.
* 4-17-04-002 CW-3	GB Warhead for HONEST JOHN Rocket (C)	1-A	S	Continue as 4-16-16-020-03.
4-17-06-001 SR-8z	Storage & Handling of Liquid Propellants for Rockets & Guided Missiles (U)	1-C	U	Continue with sub-projects identified.
* 4-17-07-005 CW-3	5-inch Smoke Rocket (U)	1-C	U	Continue as 4-04-17-020-05.
* 4-17-07-006 CW-3	5-inch GB HVAR Rocket (U)	1-C	S	Continue as 4-04-15-028-07.
# 4-17-07-008 CW-3	Gas Rockets (C)	1-B	S	Cancel - Tasks required to be done under 4-04-15-028.
* 4-23-04-006 CW-3	Dissemination of Infrared Screening Agents (C)	1-B	S	Continue as 4-30-07-007-C1.
* 4-30-07-005 CW-1b	Radar Screening Agents (U)	1-A	S	Continue as 4-30-07-007-02.
* 4-59-12-007 CW-5	Clinical Investigation & Treatment of CW Casualties in Man (U)	1-C	U	Continue as 4-08-02-018-04.
4-61-14-002 PO-14	Health Hazards of Military Chemicals (U)	1-B	U	Continue as is.
# 4-64-11-001 PC-2 (CW-5) (BW-5) (AW-6)	Psychological Factors in CW, BW & RW (U)	2	C	Cancel - Remaining work to be done under 4-08-02-018.
* 4-65-20-001 PO-14 (BW-1b) (BW-5) (CW-3)	Mechanism of Entry & Action of Insecticidal Compounds & Insect Repellents (U)	1-C	U	Continue as 4-08-02-019-03.
* 4-72-03-003 CW-3 (AW-5) (BW-5)	Product Design, Inspection Gages & Equipment (U)	2	U	Continue as 4-72-05-015-01.

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Project No. & Tech. Obj.	Title & Security Class. Thereof	Priority	Sec. of Project	Current Action
* 4-72-05-013 CW-3 (BW-5)	Specifications, Drawings & Directives, EA (U)	2	U	Continue as 4-72-05-015-02.
* 4-72-06-003 CW-1a (AW-8)	Special Problems, Plants Division (U)	2	C	Continue as 4-92-03-013-01.
4-72-06-014 40% CW-1a 60% BW-1a (AW-8)	Review & Design of CBR Unit Plants (U)	1-B	S	Continue as is.
4-72-08-001 CW-3 (BW-5) (AW-4)	Design Criteria for Technical Facilities (U)	2	U	Continue as is.
# 4-80-01-002 CW-4b (BW-4b) (AW-5b)	Special Problems, Protective Division (U)	2	C	Cancel-Tasks to be assigned to existing projects.
* 4-80-01-004 CW-4b	Toxicological Assessment of Protective Items (U)	1-C	S	Continue as 4-08-02-016-04.
* 4-80-02-012 CW-4b (AW-5b) (BW-4b)	Noncombat Protective Mask (U)	1-C	C	Continue as 4-80-02-030-01.
# 4-80-02-018 CW-4b (BW-4b)	Regimental Protective Mask Repair Kit (U)	2	U	Record as complete Remaining work under 4-72-05-015.
* 4-80-02-019 CW-4b (BW-4b) (AW-5b)	Headwound Protective Mask (U)	2	C	Continue as 4-80-02-030-02.
* 4-80-02-021 CW-4b (AW-5b) (BW-4b)	Civilian Protective Mask (U)	1-B	C	Continue as 4-80-02-030-03.
* 4-80-02-022 CW-4b (AW-5b) (BW-4b)	Infant Protector (U)	1-C	C	Continue as 4-80-02-030-07.

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Project No. & Tech. Obj.	Title & Security Class Thereof	Priority	Sec. of Project	Current Action
* 4-80-02-024 CW-4b (AW-5b) (BW-4b)	Protective Mask Components	1-C	C	Continue as 4-80-02-030-04.
* 4-80-02-025 CW-4b (AW-5b) (BW-4b)	Filter Materials (U)	2	C	Continue as 4-80-12-007-05.
* 4-80-02-027 CW-4b (BW-4b)	Field Protective Mask (U)	1-C	C	Continue as 4-80-02-030-05.
* 4-80-02-028 CW-4b (BW-4b) (AW-5b)	Collective Protector for Fixed Installations (U)	1-C	C	Continue as 4-80-12-007-01.
* 4-80-02-029 CW-4b (BW-4b) (AW-5b)	Supplied-Air Tank Protec- tive Mask (U)	1-C	C	Continue as 4-80-12-007-02.
* 4-80-04-005 CW-4b (BW-4b) (AW-5b)	Improved Materials for Protective Clothing (U)	2	C	Continue as 4-80-04-013-02.
* 4-80-04-008 CW-4b (AW-5b) (BW-4b)	Individual Protective Cover (U)	1-C	C	Continue as 4-80-04-013-03.
* 4-80-12-005 CW-4b (AW-5b) (BW-4b)	Equipment & Methods for Collective Protection (U)	1-C	C	Continue as 4-80-12-007-03.
* 4-80-12-006 CW-4b (AW-5b) (BW-4b)	Collective Protection for Military Transport Vehicles	2	C	Continue as 4-80-12-007-04.
* 4-85-09-001 SR-5	In-Service Training, CCCRL (U)	3	U	Continue as 4-90-20-012-04.

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Project No. & Tech. Obj.	Title & Security Class . Thereof	Prio- rity	Séc. of Project	Current Action
* 4-89-19-002 CW-3	Field Filling, Mixing & Transfer Equipment for Incendiary Oils (U)	1-C	U	Continue as 4-09-06-004-07.
* 4-89-19-003 CW-3	Field Filling Equipment for Spray Tanks (U)	1-C	C	Continue as 4-04-15-030-05.
# 4-90-10-001 CW-4a {BW-4a} {AW-5a}	Mobile Chemical Laboratory (U)	2	C	Record as complete. Remaining work under 4-72-05-015.
4-90-10-002 CW-4a {BW-4a} {AW-5a}	Theater Chemical Laboratory (U)	2	C	Continue as is.
* 4-90-20-005 CW-3 (AW-4)	Maintenance of Technical Equipment, CCCRL (U)	2	U	Continue as 4-90-20-012-01.
* 4-90-40-005 75% CW-3 25% AW-4	Editorial, Patents, Technical Library & Museum, CCCRL (U)	2	U	Continue as 4-90-20-012-02.
* 4-90-50-003 CW-3 (AW-4)	General Engineering, CCCRL (U)	2	U	Continue as 4-90-20-012-03.
4-91-06-002 SR-12	Packaging & Materials Development (U)	2	U	Continue as is.
* 4-92-03-012 CW-1a	CW Agent Pilot Plants (U)	1-B	S	Continue as 4-92-03-013-02.
* 4-92-07-002 CW-1b	Smokes & Incendiaries, Pilot Plants (U)	2	U	Continue as 4-92-03-013-04.
4-98-01-003 CW-1a	Environmental Field Trials, DPG (U)	1-B	U	Continue as is.
4-98-05-026 CW-3 (CW-4b) (IO-14)	CW Field Testing & Technology, DPG (U)	1-B	S	Continue with sub-projects identified.

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Project No. & Tech. Obj.	Title & Security Class. Thereof	Pri- ority	Sec. of Project	Current Action
* 4-98-09-002 CW-3 (BW-5) (AW-4)	Engineering Design & Testing(U)	2	C	Continue as 4-72-05-015-03.
* 4-99-02-001 PO-16	Wound Ballistics (U)	1-C	S	Continue as 4-99-02-002-03.

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CONSOLIDATED FY 55 CW PROJECT PROGRAM

Project & Sub-project No.	Title, Security Classification & Reference Data	Tech. Obj.	Pri- ority	Sec. Class. of Project
4-04-14-010	750-lb. Cluster Adapter for 5 -lb. Biological Bomb (S)	BW-5	1-B	Secret
% 4-04-15-028	Shells & Rockets for Toxic CW Agents (U)	CW-3	1-B	Secret
4-04-15-028-01	GB Mortar Shell, 4.2-inch (C) (Formerly 4-04-15-014)	CW-3	1-B	Secret
4-04-15-028-02	HD Mortar Shell, 4.2-inch (U) (Formerly 4-04-15-018)	CW-3	1-C	Conf.
4-04-15-028-03	5, 6, & 8-inch Gas Projectiles (U) (Formerly 4-04-15-024)	CW-3	1-C	Secret
4-04-15-028-04	Gas Artillery Shell (U) (Formerly 4-04-15-027)	CW-3	1-C	Secret
% 4-04-15-028-05	Toxic Agent Projector (U) (Formerly 4-17-07-003 being reactivated)	CW-3	1-B	Secret
% 4-04-15-028-06	5-inch Gas Rocket (U) (Formerly 4-17-07-004 being reactivated)	CW-3	1-B	Secret
4-04-15-028-07	5-inch GB HVAR Rocket (U) (Formerly 4-17-07-006)	CW-3	1-C	Secret
% 4-04-15-029	CW Agent Dissemination Studies (U)	CW-3	1-C	Secret
4-04-15-029-01	Basic Studies for Development & Improvement of CW Aerial Munitions (U) (Formerly 4-04-06-004)	CW-3	2	Secret
4-04-15-029-02	Dissemination & Exploi- tation of CW Agents (U) (Formerly 4-04-15-007)	CW-3 (AW-4) (BW-5)	1-C	Secret

NOTE: New projects & subprojects identified by "%"

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Project & Sub-project No.	Title, Security Classification & Reference Data	Tech. Obj.	Priority	Sec. Class. of Project
4-04-15-030	Toxic CW Aerial Munitions (U)	CW-3	1-A	Secret
4-04-15-030-01	750-lb. Cluster of GB Bombs (U) (Formerly 4-04-15-016)	CW-3	1-B	Secret
4-04-15-030-02	Kit for Conversion of Fire Bombs to Spray Tanks (U) (Formerly 4-04-15-017)	CW-3	1-C	Conf.
4-04-15-030-03	Spray Tank for Jet Aircraft (U) (Formerly 4-04-15-021)	CW-3	1-A	Secret
4-04-15-030-04	500-lb. Gas Bomb (U) (Formerly 4-04-15-026)	CW-3	1-B	Conf.
4-04-15-030-05	Field Filling Equipment for Spray Tanks (U) (Formerly 4-89-19-003)	CW-3	1-C	Conf.
4-04-16-022	Incendiary Aerial Munitions (U)	CW-3	1-C	Conf.
4-04-16-022-01	Fire Bomb for Jet Aircraft (U) (Formerly 4-04-16-006)	CW-3	1-C	Conf.
4-04-16-022-02	750-lb. Cluster of 4-lb. Magnesium Incendiary Bombs (U) (Formerly 4-04-16-013)	CW-3	1-C	Conf.
4-04-16-022-03	750-lb. Cluster of 10-lb. Incendiary Bombs, M74 (U) (Formerly 4-04-16-014)	CW-3	1-C	Conf.
4-04-16-022-04	750-lb. Cluster of High Penetration Incendiary Bombs (U) (Formerly 4-04-16-015)	CW-3	1-C	Conf.
4-04-16-022-05	Incendiary Munitions (U) (Formerly 4-04-16-019)	CW-3	1-C	Conf.
4-04-17-011	750-lb. Cluster of Smoke Bombs (U)	CW-3	1-C	Uncl.

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Project & Sub-project No.	Title, Security Classification & Reference Data	Tech. Obj.	Priority	Sec. Class. of Project
% <u>4-04-17-019</u>	<u>Smoke Canisters, Artillery Shell (U)</u>	<u>CW-3</u>	<u>2</u>	<u>Uncl.</u>
% 4-04-17-019-01	Smoke Canister, 155-mm Artillery Shell (U) (Formerly 4-04-17-009 consolidated under 4-04-15-009)	CW-3	2	Uncl.
% 4-04-17-019-02	Smoke Canister, 105-mm Artillery Shell (U) (Formerly 4-04-17-013 consolidated under 4-04-15-009)	CW-3	2	Uncl.
% <u>4-04-17-020</u>	<u>Smoke Munitions & Services (U)</u>	<u>CW-3</u>	<u>1-C</u>	<u>Conf.</u>
4-04-17-020-01	5 & 6-inch Smoke Projectiles (U) (Formerly 4-04-17-015)	CW-3	1-C	Uncl.
4-04-17-020-02	Remote-Controlled Smoke Generator (U) (Formerly 4-04-17-016)	CW-3	1-C	Conf.
4-04-17-020-03	Smoke Protective Device for Combat Vehicles (U) (Formerly 4-04-17-017)	CW-3	2	Conf.
4-04-17-020-04	Basic Studies of Aerosols (U) (Formerly 4-08-01-003)	CW-3	1-C	Conf.
4-04-17-020-05	5-inch Smoke Rocket (U) (Formerly 4-17-07-005)	CW-3	1-C	Uncl.
4-04-17-020-06	Special Problems, Munitions Division (U) (Formerly 4-04-15-009)	CW-3	2	Conf.
% 4-04-17-020-07	Colored Smoke Grenade for Airborne Operations (U) (Formerly reported under 4-04-15-009) (To be established based on MC's approved by Item 2813.)	CW-3	2	Conf.
<u>4-07-06-001</u>	<u>Persistent Gas Land Mine (U)</u>	<u>CW-3</u>	<u>1-C</u>	<u>Conf.</u>

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Project & Sub-project No.	Title, Security Classification & Reference Data	Tech. Obj.	Priority	Sec. Class. of Project
<u>% 4-08-02-016</u>	<u>Toxicological Aspects of CW (U)</u>	<u>CW-5</u>	<u>1-C</u>	<u>Secret</u>
4-08-02-016-01	Biological Studies of CW Particulates (U) (Formerly 4-08-02-006)	CW-5 (BW-5)	1-C	Secret
4-08-02-016-02	Toxicological Action of CW Agents (U) (Formerly 4-08-02-012)	CW-5	1-C	Secret
4-08-02-016-03	Toxicology of CW Agent Vapors (U) (Formerly 4-08-02-007)	CW-5	1-C	Secret
4-08-02-016-04	Toxicological Assessment of Protective Items (U) (Formerly 4-80-01-004)	CW-4b	1-C	Secret
<u>% 4-08-02-017</u>	<u>Biochemical Aspects of CW (U)</u>	<u>CW-5</u>	<u>1-C</u>	<u>Secret</u>
4-08-02-017-01	Biochemical Action of CW Agents (U) (Formerly 4-08-02-009)	CW-5	1-C	Secret
4-08-02-017-02	Pharmaceuticals for Protection Against G-Agents (U) (Formerly 4-08-06-020)	CW-4b	1-C	Secret
4-08-02-017-03	Therapeutic Material for Prevention & Treatment of CW Casualties (U) (Formerly 4-08-06-023)	CW-5	1-C	Secret
4-08-02-017-04	CW & RW Aspects of Food & Water (U) (Formerly 4-08-06-024)	CW-5 (AW-5a) (CW-4a)	1-C	Secret
<u>% 4-08-02-018</u>	<u>Medical Aspects of CW (U)</u>	<u>CW-5</u>	<u>1-C</u>	<u>Secret</u>
4-08-02-018-01	Neurological Action of CW Agents (U) (Formerly 4-08-02-010)	CW-5	1-C	Secret

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Project & Sub-project No.	Title, Security Classification & Reference Data	Tech. Obj.	Pri- ority	Sec. Class. of Project
% <u>4-08-02-018</u> (continued)				
4-08-02-018-02	Pathological Action of CW Agents (U) (Formerly 4-08-02-013)	CW-5	1-C	Secret
4-08-02-018-03	Health Physics (U) (Formerly 4-12-90-001)	AW-5b	1-C	Uncl.
4-08-02-018-04	Clinical Investigation & Treatment of CW Casualties in Man (U) (Formerly 4-59-12-007)	CW-5	1-C	Uncl.
% <u>4-08-02-019</u>				
	Physiological Basis of CW (U)	CW-5	1-C	Secret
4-08-02-019-01	Physiological Aspects of CW (U) (Formerly 4-08-02-005)	CW-5	1-C	Conf.
4-08-02-019-02	Pharmacology of Toxic Compounds (U) (Formerly 4-08-02-015)	CW-5 (BW-1a)	1-C	Secret
4-08-02-019-03	Mechanism of Entry & Action of Insecticidal Compounds & Insect Repellents (U) (Formerly 4-65-20-001)	PO-14 (BW-1b) (CV-3)	1-C	Uncl.
% <u>4-08-03-016</u>				
	Toxic CW Agents (U)	CW-1a	1-B	Secret
4-08-03-016-01	New Compounds (U) (Formerly 4-08-03-001)	CW-1a	1-B	Secret
4-08-03-016-02	G-Agents (U) (Formerly 4-08-03-005)	CW-1a	1-B	Secret
4-08-03-016-03	Agent S3 (U) (Formerly 4-08-03-015)	CW-1a	1-B	Secret

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Project & Sub-project No.	Title, Security Classification & Reference Data	Tech. Obj.	Priority	Sec. Class. of Project
% 4-08-04-011	Field Test Methods & Equipment (U)	CW-3	2	Conf.
4-08-04-011-01	Devices, Methods & Techniques for Field Evaluation of CW Agents & Munitions (U) (Formerly 4-08-04-005)	CW-3	2	Conf.
4-08-04-011-02	Maintenance & Purchase of Field & Test Equipment, CCCRL(U) (Formerly 4-08-04-006)	CW-3	2	Uncl.
4-08-05-003	Mechanical Irritant Gas Dispenser (U)	CW-3	1-C	Uncl.
% 4-08-06-029	CW Agent Detection (U)	CW-4a	1-A	Secret
4-08-06-029-01	Chemical Agent Detector Kit (U) (Formerly 4-08-04-008)	CW-4a	1-C	Secret
4-08-06-029-02	CBR Agent Sampling & Analyzing Kit (U) (Formerly 4-08-04-009)	CW-4a (AW-5a) (BW-4a)	1-C	Conf.
% 4-08-06-029-03	Simplified CW Detector Kit (U) (Being established based on MC's approved by Item 2599) (Identified as 4-08-04-010 in Items 2866 & 2900)	CW-4a	1-C	Conf.
4-08-06-029-04	Detection Methods & Materials for Toxic Agents (U) (Formerly 4-08-06-015)	CW-4a (BW-4a)	1-A	Secret
% 4-08-06-029-05	Expendable C-Agent Detector (U) (Being established by separate CCTC action - Report "F") (Item 2950)	CW-4a	1-A	Conf.
% 4-08-06-029-06	Gas Identification Training Set (U) (New Sub-project being established by separate CCTC action - Report "S") (Item 2955)	CW-4a	2	Uncl.
% 4-08-06-029-07	Bomb Cluster C-Agent Detector (U) (Being established based on MC's recorded in CCTC Item 2841.) (Formerly done under 4-08-06-015)	CW-4a	1-A	Conf.

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Project & Sub-project No.	Title, Security Classification & Reference Data	Tech. Obj.	Pri- ority	Sec. Class. of Project
% 4-08-06-030	Automatic Gas Alarms (U)	CW-4a	1-A	Secret
4-08-06-030-01	Field Alarms for G-Agents (U) (Formerly 4-08-06-006)	CW-4a	1-A	Secret
4-08-06-030-02	Area GB Alarm (U) (Formerly 4-08-06-025)	CW-4a	1-A	Secret
% 4-08-06-030-03	Gas Alarm for Aircraft (U) (Being established based on MC's approved by CCTC Item 2873) (Formerly reported under 4-08-06-015)	CW-4a	1-A	Secret
% 4-08-06-031	Toxic Agent Decontamination (U)	CW-4c	1-C	Conf.
4-08-06-031-01	Decontamination Methods & Materials for Toxic Agents (U) (Formerly 4-08-06-004)	CW-4c (AW-5c) (BW-4c)	1-C	Conf.
4-08-06-031-02	Small Decontaminating Apparatus (U) (Formerly 4-08-06-012)	CW-4c (BW-4c)	2	Uncl.
4-08-06-031-03	Improved Decontaminating Agent, Noncorrosive (U) (Formerly 4-08-06-018)	CW-4c	2	Conf.
4-08-06-031-04	Improved Decontaminating Apparatus, Power-Driven, Truck-Mounted (U) (Formerly 4-08-06-019)	CW-4c (AW-5c) (BW-4c)	2	Uncl.
4-09-02-018	Portable Flame Throwers (U)	LC-5	1-0	Conf.
% 4-09-02-018-01	Lightweight Portable Flame Thrower (U) (Formerly 4-09-02-007 being reactivated)	LC-5	1-0	Conf.
% 4-09-02-018-02	One-Shot Portable Flame Thrower (U) (Formerly 4-09-02-008 being reactivated)	LC-5	1-C	Conf.

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Project & Sub-project No.	Title, Security Classification & Reference Data	Tech. Obj.	Pri- ority	Sec. Class. of Project
% 4-09-02-019	Mechanized Flame Throwers & Related Equipment (U)	LC-5	1-C	Conf.
4-09-02-019-01	Nonintegral Flame Thrower (U) (Formerly 4-09-02-013)	LC-5	1-C	Conf.
4-09-02-019-02	Service Equipment for Mechanized Flame Throwers (U) (Formerly 4-09-02-015)	LC-5	1-C	Uncl.
4-09-02-019-03	Flame Thrower for AUV/APC Class Vehicles (U) (Formerly 4-09-02-017)	LC-5	1-C	Conf.
% 4-09-06-004	Incendiary Ground Warfare (U)	CW-3	1-C	Conf.
4-09-06-004-01	Incendiary Burster for Improvised Munitions (U) (Formerly 4-04-16-021)	CW-3	1-C	Conf.
% 4-09-06-004-02	Evaluation of Incendiary Agents & Munitions (U) (Identified as 4-09-01-002 in Items 2866 & 2900)	CW-3	1-C	Conf.
4-09-06-004-03	Incendiary Agents, Solid & Viscous (U) (Formerly 4-09-04-001)	CW-1b	1-C	Conf.
4-09-06-004-04	Incendiary Oil Field Test Kit (U) (Formerly 4-09-05-001)	CW-1b	1-C	Uncl.
4-09-06-004-05	Incendiary Projector (U) (Formerly 4-09-06-003)	CW-3	1-C	Conf.
% 4-09-06-004-06	Incendiary Destroyer Devices (U) (Formerly 4-30-01-002 consolidated under 4-04-15-009)	IO-12	1-C	Conf.

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Project & Sub-project No.	Title, Security Classification & Reference Data	Tech. Obj.	Pri- ority	Sec. Class. of Project
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% 4-09-06-004 (continued)

4-09-06-004-07	Field Filling, Mixing & Transfer Equipment for Incendiary Oils (U) (Formerly 4-89-19-002)	CW-3	1-C	Uncl.
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4-12-80-005	Tactical Dosimeter (U)	AW-5a	1-C	Conf.
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4-16-16-004	Biological Warhead for CORPORAL Missile (S)	BW-5	1-A	Secret
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% 4-16-16-020	CBR Warheads for Rockets & Missiles (C)	CW-3	1-A	Secret
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4-16-16-020-01	CW Warheads for Guided Missiles (U) (Formerly 4-04-15-013)	CW-3 (AW-4) (BW-5)	1-B	Secret
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4-16-16-020-02	GB Warhead for CORPORAL Missile (C) (Formerly 4-16-16-008)	CW-3	1-A	Secret
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4-16-16-020-03	GB Warhead for HONEST JOHN Rocket (C) (Formerly 4-17-04-002)	CW-3	1-A	Secret
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4-17-06-001	Storage & Handling of Liquid Propellants for Rockets & Guided Missiles (U)	SR-8z	1-C	Uncl.
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% 4-17-06-001-01	Storage & Handling of Liquid Propellants (U) (Formerly reported as 4-17-06-001)	SR-8z	1-C	Uncl.
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% 4-17-06-001-02	Nitric Acid Decantamination (U) (Reported in CCTC Items 2866 & 2900 where identified as 4-17-06-002)	SR-8z	1-C	Uncl.
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Project & Sub-project No.	Title, Security Classification & Reference Data	Tech. Obj.	Priority	Sec. Class. of Project
% 4-30-07-007	Radar & Infrared Screening Agents (C)	CW-1b	1-A	Secret
4-30-07-007-01	Dissemination of Infrared Screening Agents (C) (Formerly 4-23-04-006)	CW-3	1-B	Secret
4-30-07-007-02	Radar Screening Agents (U) (Formerly 4-30-07-005)	CW-1b	1-A	Secret
% 4-30-07-009	Fuel Contaminants (S)	CW-1b	1-C	Secret
4-30-07-009-01	Gasoline Contaminants (S) (Formerly 4-30-07-001 consolidated under 4-04-15-009)	CW-1b	1-C	Secret
4-30-07-009-02	Diesel Fuel Contaminant (S) (Formerly 4-30-07-004 consolidated under 4-04-15-009)	CW-1b	1-C	Secret
4-61-14-002	Health Hazards of Military Chemicals (U)	PO-14	1-B	Uncl.
% 4-72-05-015	Engineering Design, Specifications & Testing (U)	CW-3	2	Conf.
4-72-05-015-01	Product Design, Inspection Gages & Equipment (U) (Formerly 4-72-03-003)	CW-3 (AW-4)	2	Uncl.
4-72-05-015-02	Specifications, Drawings & Directives, EA (U) (Formerly 4-72-05-013)	CW-3 (BW-5)	2	Uncl.
4-72-05-015-03	Engineering Design & Testing (U) (Formerly 4-98-09-002)	CW-3 (AW-4) (BW-5)	2	Conf.
4-72-06-014	Review and Design of CBR Unit Plants (U)	CW-1a	1-B	Secret
4-72-08-001	Design Criteria for Technical Facilities (U)	CW-3 (AW-4) (BW-5)	2	Uncl.

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Project & Sub-project No.	Title, Security Classification & Reference Data	Tech. Obj.	Pri- ority	Sec. Class. of Project
% 4-80-02-030	Individual Protection, Masks (U)	CW-4b	1-B	Conf.
4-80-02-030-01	Noncombat Protective Mask (U) (Formerly 4-80-02-012)	CW-4b (AW-5b) (BW-4b)	1-C	Conf.
4-80-02-030-02	Headwound Protective Mask (U) (Formerly 4-80-02-019)	CW-4b (AW-5b) (BW-4b)	2	Conf.
4-80-02-030-03	Civilian Protective Mask (U) (Formerly 4-80-02-021)	CW-4b (AW-5b) (BW-4b)	1-B	Conf.
4-80-02-030-04	Protective Mask Components (U) (Formerly 4-80-02-024)	CW-4b (AW-5b) (BW-4b)	1-C	Conf.
4-80-02-030-05	Field Protective Mask (U) (Formerly 4-80-02-027)	CW-4b (BW-4b)	1-C	Conf.
% 4-80-02-030-06	Mask-to-Mask Resuscitator (U) (Being established by separate CCTC action - Report "V") (Previously done under 4-80-01-002)	CW-4a	1-C	Uncl.
4-80-02-030-07	Infant Protector (U) (Formerly 4-80-02-022)	CW-4b (AW-5b) (BW-4b)	1-C	Uncl.
% 4-80-04-013	Individual Protection, Clothing (U)	CW-4b	1-C	Conf.
4-80-04-013-01	Devices & Procedures for Clothing Impregnation (U) (Formerly 4-08-06-021)	CW-4b	1-C	Conf.
4-80-04-013-02	Improved Materials for Protective Clothing (U) (Formerly 4-80-04-005)	CW-4b (AW-5b) (BW-4b)	2	Conf.
4-80-04-013-03	Individual Protective Cover (U) (Formerly 4-80-04-008)	CW-4b (AW-5b) (BW-4b)	1-C	Conf.

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% 4-80-04-013 (continued)				
% 4-80-04-013-04	Suit, Protective, Impermeable Expendable (U) (Being established based on MC's approved by CCTC Item 2808. Identified as 4-80-04-011 in Items 2166 & 2900)	CW-4b (AW-5b) (BW-4b)	2	Conf.
% 4-80-04-013-05	Devices & Procedures for Protection Against Aircraft Spray Attack (U) (Identified as 4-80-04-010 in Items 2866 & 2900)	CW-4b	1-C	Conf.
% 4-80-04-013-06	Supplied-Air Protective Unit (U) (Formerly 4-80-04-004 being reactivated.)	CW-4b (AW-5b) (BW-4b)	2	Conf.
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% 4-80-12-007	Collective Protection (U)	CW-4b	1-C	Conf.
4-80-12-007-01	Collective Protector for Fixed Installations (U) (Formerly 4-80-02-028)	CW-4b (AW-5b) (BW-4b)	1-C	Conf.
4-80-12-007-02	Supplied-Air Tank Protective Mask (U) (Formerly 4-80-02-029)	CW-4b (AW-5b) (BW-4b)	1-C	Conf.
4-80-12-007-03	Equipment & Methods for Collective Protection (U) (Formerly 4-80-12-005)	CW-4b (AW-5b) (BW-4b)	1-C	Conf.
4-80-12-007-04	Collective Protection for Military Transport Vehicles (U) (Formerly 4-80-12-006)	CW-4b (AW-5b) (BW-4b)	2	Conf.
4-80-12-007-05	Filter Materials (U) (Formerly 4-80-02-025)	CW-4b (AW-5b) (BW-4b)	2	Conf.
4-90-10-002	Theater Chemical Laboratory (U)	CW-4a	2	Conf.

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Project & Sub-project No.	Title, Security Classification & Reference Data	Tech. Obj.	Priority	Sec. Class. of Project
% 4-90-20-012	Engineering Support Services (U)	CW-3	2	Uncl.
4-90-20-012-01	Maintenance of Technical Equipment, CCCRL (U) (Formerly 4-90-20-005)	CW-3 (AW-4)	2	Uncl.
4-90-20-012-02	Editorial, Patents, Technical Library & Museum, CCCRL (U) (Formerly 4-90-40-005)	75% CW-3 25% AW-4	2	Uncl.
4-90-20-012-03	General Engineering, CCCRL (U) (Formerly 4-90-50-003)	CW-3 (AW-4)	2	Uncl.
4-90-20-012-04	In-Service Training, CCCRL (U) (Formerly 4-85-09-001)	SR-5	3	Uncl.
4-91-06-002	Packaging & Materials Development (U)	SR-12	2	Uncl.
% 4-92-03-013	CW Agent Pilot Plants (U)	CW-1a	1-B	Secret
4-92-03-013-01	Special Problems, Plants Division (U) (Formerly 4-72-06-003)	CW-1a (AW-8)	2	Conf.
4-92-03-013-02	CW Agent Pilot Plants (U) (Formerly 4-92-03-012)	CW-1a	1-B	Secret
% 4-92-03-013-03	CW Agent Filling Equipment Development (U) (Identified as 4-92-07-001 in Items 2866 & 2900)	CW-1a	2	Conf.
4-92-03-013-04	Smokes & Incendiaries, Pilot Plants (U) (Formerly 4-92-07-002)	CW-1b	2	Uncl.
4-98-01-003	Environmental Field Trials, DPG (U)	CW-1a	1-B	Uncl.
4-98-05-026	CW Field Testing & Technology, DPG (U)	CW-3	1-B	Secret

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Project & Sub-project No.	Title, Security Classification & Reference Data	Tech. Obj.	Priority	Sec. Class. of Project
<u>4-98-05-026 (continued)</u>				
% 4-98-05-026-01	Climatological & Meteorological Factors Affecting Field Test Operations (U) (Formerly 4-36-07-001 being reactivated)	IO-14	2	Secret
% 4-98-05-026-02	CW Field Test Technology, DPC (U) (Formerly 4-98-05-021 being reactivated)	CW-3	1-B	Secret
% 4-98-05-026-03	CW Field Testing, DPG (U) (Formerly 4-98-05-022 being reactivated)	CW-3 (CW-4b)	1-B	Secret
% 4-99-02-002	Wound Ballistics (U)	CW-5	1-B	Secret
4-99-02-002-01	Biophysical Mechanisms in CW Wounds (U) (Formerly 4-08-02-014)	CW-5	1-B	Secret
% 4-99-02-002-02	Antipersonnel Effectiveness of Incendiary Agents & Weapons (U) (Identified as 4-09-03-001 in Items 2866 & 2900)	CW-3	1-C	Conf.
4-99-02-002-03	Wound Ballistics (U) (Formerly 4-99-02-001)	PO-16	1-C	Secret

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Consolidation of Chemical Corps CW R&D Program for FY 55 (Secret)

CONCURRENCE SIGNATURES

/s/J.C.Braxton, LtCol, CmlC Ln O, CmlC Tng Comd	/s/R.N.Skaggs, Col, GS Dev&Test Sec, OCAFF	/s/D.H.Hale, Col, CmlC Dep Comdr, R&E Comd
/s/J.H.Rothschild, Col, CmlC Chemical Corps Board	/s/L.E.Fellenz, Col, CmlC Cml Sec, OCAFF	/s/W.P.Swain BuOrd, Navy Dept
/s/M.L.Denlinger, LtCol, CmlC PT&I Div, OCCmLO	/s/V.F.LaPiana, Col, CmlC R&D Div, OCCmLO	/s/Leo F. Walsh Mat Div, OCCmLO
/s/J.A.Martin, LtCol, CmlC Ass't/RW&NTM, R&E Comd	/s/L.D.Fothergill Scientific Adviser/BW	/s/H.Rackowski Ordnance Corps
/s/W.G.Willmann, LtCol, CmlC Ind Div, Mat Comd	/s/L.T.Fleming Transportation Corps	/s/L.M.Swanson BuAero, Navy Dept
/s/C.M.Freudendorf, LtCol, Inf AFF Ln O, A Cml C, Md.	/s/R.Raymond Quartermaster Corps	/s/R.A.Murdoch BuShips, Navy Dept
/s/Dr. R. C. Kinne Wright Air Dev Center	/s/T.Emmett Thomas Corps of Engineers	/s/A.L.Russell BuYds&Dks, Navy Dept
/s/W.A.Martin, LtCol, USAF Air R&D Comd	/s/E.H.Lewis, LtCol, CmlC P&E C, R&E Comd	/s/B.H.Harris Ass't/TCW, R&E Comd
Concurred C.Lonero, LtCol, MSC Army Medical Service	Concurred R.C.Morris, LtCol, CmlC Sup Div, Mat Comd	Concurred J.J.Hayes, Col, CmlC ACCmLO/BW

Concurred
H.C.Gilbert, LtCol, CmlC
Inspec Div, Mat Comd

ACCEPTED BY THE CHEMICAL CORPS
TECHNICAL COMMITTEE, 9 Dec 1954:

/s/T. S. ECKERT
Secy, CCTC

APPROVED FOR THE CHIEF CHEMICAL
OFFICER, 9 Dec 1954:

/s/WILLIAM E. R. SULLIVAN
Colonel, CmlC
Chairman, CCTC

APPROVED BY ORDER OF THE SECRETARY
OF THE ARMY, 9 Dec 1954:

/s/DONALD H. BEHRENS
Major, GS
Office, Deputy Chief of Staff
for Logistics

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