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The Department of Defense
RESEARCH AND DEVELOPMENT BOARD

Date	22 NOV 1952
Department	
Branch	
Activity	

PROGRAM EVALUATION REPORT

Prepared by

GOVERNMENT DIVISION MEDICAL SCIENCES

31 October 1952

MS 10770

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EXCLUDED FROM AUTOMATIC DOWNGRADING AND DECLASSIFICATION

RESEARCH AND DEVELOPMENT ON NEW AND IMPROVED
TECHNIQUES AND EQUIPMENT FOR SOLUTION OF
MEDICAL PROBLEMS PECULIAR TO ATOMIC WARFARE

<u>PROBLEM</u>	<u>EMPHASIS</u>
Evaluation of Universal Protective Dressings, Dextran for burn shock and proteolytic enzymes presently proposed for rapid slough removal.	Conclude in 1953
Evaluation of present therapy of uncomplicated radiation injury (Transfusions, antibiotics, plasma, fluids, etc.).	Decrease
Determination of hazard of ingestion and inhalation of radioactive materials.	Decrease
Search for a biological factor which promotes recovery from radiation injury.	Maintain
Studies of small area local burns in human volunteers.	Maintain
Studies of large area burn wounds.	Maintain
Mechanism of systemic effects and death from burns.	Increase
Studies of combined effects of thermal burns with radiation, trauma and infection.	Increase
Determination of critical dose of radiation to incapacitate within a matter of hours.	Increase Markedly
Determination of single, repeated, and protracted dosages of radiation in relation to military effectiveness.	Increase Markedly
Simplify methods for handling and treatment of mass burn casualties.	Greatly Increase