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DNA, CHIEF, ISTS

John G. Bilby 2
Date: 20 July 1994

SWPMD 928

17 FEB 1959

SUBJECT: Funding for Thermal Injury Program

TO: Chief, Bureau of Ships
Navy Department
Washington 25, D.C.

1. Reference is made to 1st Indorsement, S90/1-5(372) Ser 372-289, your office, 23 December 1958, subject: "Thermal Injury Program; Project Proposals For," and basic letter, 961:WDihw S90/1-5/L5 Lab. Project 5046-16, New York Naval Shipyard, 12 December 1958, same subject, which forwarded proposal for continuation of the thermal injury program at the Naval Material Laboratory.

2. The Armed Forces Special Weapons Project (AFSWP) agrees to furnish the New York Naval Shipyard FY 1959 funds in the amount of \$28,000 for the prosecution of the research project outlined in referenced correspondence.

3. A Military Interdepartmental Purchase Request (MIPR) in the amount of \$28,000 is being issued to the New York Naval Shipyard.

4. In connection with this project, it is requested that:

a. Your office arrange for the submission of DD Form 613 to the Director Defense Research and Engineering with a copy to AFSWP, showing the AFSWP as a participating agency in the program, and that one copy be forwarded directly to AFSWP, Attention: Deputy Chief of Staff, Weapons Effects and Tests.

b. The AFSWP be furnished with a copy of the project directive.

c. The AFSWP be furnished three (3) copies of quarterly progress reports.

OFFICE SYMBOL	1.	2.	3.	4.	5.
GRADE AND SURNAME OF COORDINATING OFFICERS					

EF9034

DRAFTER IDENTIFICATION: _____
Rank or Grade Surname Initials of Typist Rm No Tel Ext

70563

SWP 924

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d. Prior to publication and distribution, reports, technical documents or papers, prepared in connection with this project or as a result of this project, be submitted to this headquarters for review, security classification, approval for publication, provision of a distribution list, and assignment of, and instructions for use of, AFSWP control numbers. Additional distribution may be made at the discretion of the monitoring Service agency subject to appropriate security regulations.

e. Approval of this headquarters be obtained prior to the purchase of any item of capital equipment whose acquisition cost is \$500.00 or more. In each case where an item of capital equipment costing more than this amount is proposed to be purchased, this headquarters will ascertain whether or not the equipment required or a suitable substitute is available within AFSWP assets. Therefore, each such request should specify the item by stock number, model, and nomenclature.

f. For items of capital equipment costing less than \$500.00 the Service agency project officer determine whether the best interests of the Government will be served in terms of cost and time by local procurement or by acquisition from Field Command, AFSWP from available stocks. This equipment, available to all contracting agencies, is listed in the "Catalog of AFSWP Test Equipment and Related Items," prepared and published by Commander, Field Command, AFSWP, P.O. Box 5100, Albuquerque, New Mexico. A copy of the catalog may be obtained from Commander, Field Command.

g. Ownership of capital property furnished by AFSWP for use in connection with the work and/or purchased with project funds be reserved to AFSWP. Such property will be appropriately marked, maintained, and accounted for under the provisions of applicable property accounting procedures. Upon termination of the project, this headquarters be furnished an inventory of all such property for disposition instructions. The inventory will show number, make, model, and condition.

ET-3187

K.M.

M/R: Reference correspondence forwarded proposal for thermal injury program at NML. These projects were discussed with Col Bach at mtg on 23 Oct 58 at NML, and represent the projects considered desirable for study of the basic burn phenomenology involved in the intense thermal radiation released in nuclear detonations. There are actually six studies contemplated: 1. Cell death as a function of temperature and time; 2. Micropathology of Rat Skin Burns; 3. Skin burns caused by volatile products; 4. Burns to rat skin behind an opaque coating; 5. Diathermancy of human skin, rat skin and NML skin simulant as a function of wave length; and 6. Heat transfer mechanism for burns under fabrics of various fibers. It is felt that these studies embody the essential elements of research of interest to this hqs and should be supported. Control No. 71030 applies.

OFFICE SYMBOL	1. SWPSG	2. SWERA	3. SWPET	4. SWPLG	5. SWPFB
GRADE AND SURNAME OF COORDINATING OFFICERS	<i>Capt. Barton</i>	<i>Ed. H. ...</i>	EDWARD H. PARKER Rear Admiral, Chief, AFSWP	<i>...</i>	<i>...</i>
				6. SWPAG	7. SWPCS

EC9034

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 23 Jan 59