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SERIES General Correspondence (classified)  
1946-1952

ACCESSION 181-54308

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FOLDER A11/Ushot 006382

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NAVAL MEDICAL RESEARCH INSTITUT.  
NATIONAL NAVAL MEDICAL CENTER  
BETHESOA 14 MARYLAND

*V.P. Bond*

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NP-19-geb

Ser: S-00287  
13 Nov 1952

[REDACTED]

06382

Lt. V. P. Bond, MC, USN  
U.S. Naval Radiological Defense Laboratory  
U.S. Naval Shipyard  
San Francisco, California

Dear Vic:

Project is definitely approved. It will take a few days for the contract to get to USNRDL. It is the hope of AEC that you will promptly submit a form 1080 for \$10,000 so you will be able to negotiate contracts, pay for services etc. \$53,500 has been set aside upon which you can draw as needed by a form 1080.

It is the current feeling of NMRI and BuMed that BuPers should issue additional duty orders to all personnel for duty with Division of Biology and Medicine, Atomic Energy Commission, as soon as practical. As a matter of fact, a good portion of our work from now on will be for AEC so it seems proper. In addition it will protect the enlisted personnel from transfer. When TAD to field is appropriate, orders should be written so as to direct all personnel to report to Director, Civil Effects Group (Robert L. Corsbie) for duty in connection with Program 23 Projects 23.1, 23.2, and 23.3. Copies of orders should be in Mr. Corsbie's possession before 15 January 1953 so that arrangements can be made for adequate housing.

Mr. King would prefer to bill USNRDL on form 1080 for money expended for travel and per diem by NMRI personnel. If this is unsatisfactory, money could be placed in the Navy Working Fund.

I believe you understand the reasons for the 3 projects after our phone call.

Enclosed are copies of various schedules that may be helpful.

Sincerely,

*Eugene*  
E. P. CRONKITE  
Commander, MC, USN

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DEPARTMENT OF ENERGY DECLASSIFICATION REVIEW	
1ST REVIEW DATE: <u>1-27-95</u>	DETERMINATION (CIRCLE NUMBER(S))
AUTHORITY: <input type="checkbox"/> DC <input type="checkbox"/> ADC <input type="checkbox"/> DD	1. CLASSIFICATION RETAINED
NAME: <u>A. Brown</u>	2. CLASSIFICATION CHANGED TO: <u>USF</u>
2ND REVIEW DATE: <u>11/27/95</u>	3. CONTAINS NO DOE CLASSIFIED INFO
AUTHORITY: ADD	4. COORDINATE WITH: <u>DDP</u>
NAME: <u>LSA</u>	5. CLASSIFICATION CANCELLED
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	7. OTHER (SPECIFY):

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*Enc 8*

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DOCUMENT PACKAGE WITHOUT "SHOT SCHEDULE"  
(WHICH HAS BEEN REMOVED)  
Contains no U.S. Navy Classified Information  
LAW OPNAVINST 5513.19  
Signature: *V.P. Bond*  
Code: NP-19-geb Date: 14 Feb 53

*Bond*

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NP-19-geb

Ser: S-00287  
13 Nov 1952

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~~████████████████████~~

Lt. V. P. Bond, MC, USN

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P.S. Have written to Captain Bird also.

You still have my notes on the expense of putting out hemispheres, equipment needed, personnel, vehicles, etc., for the rest of the program. Please return by next mail so I can make out status reports on the other X projects.

*[Handwritten signature]*

E. P. CRONKITE

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IAW OPNAVINST 5513.16

Signature: *James Vata* CAPT USN  
Code: *N3126* Date: *14 Feb 95*

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NAME: <i>R. Brown</i>	2. CLASSIFICATION CHANGED TO: <i>NCE</i>
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CIVIL EFFECTS TEST GROUP (Tentative)

Director - Robert L. Corbale

PROGRAM 21: PCDA Effects Studies

Program Director - Harold L. Goodwin

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2ND REVIEW-DATE: 1/27/95	3. NO DOE CLASSIFIED INFO
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(5 pages)

Project No.	Project Title	Project Officer	Organization	Remarks
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21.1	Home Shelters	B. C. Taylor	PCDA	
21.2	Typical Residences	B. C. Taylor	PCDA	
21.3	Air-Zero Locators	B. C. Taylor	PCDA	
21.4	Food and Drug Irradiation Studies	V. B. Lamoureux	PCDA-FDA	
	PROGRAM 22: PCDA Radar Training			
	Program Director - Harold L. Goodwin			
22.1	Evaluation of Radar Survey Methods	V. B. Lamoureux	PCDA	
22.2	Evaluation of Radar Instruments	J. C. Greene	PCDA	
22.3	Evaluation of Radiological Hazards in CIVIL Defense	V. B. Lamoureux	PCDA	

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 LAW OPNAVINST 5513.16  
 Signature: *James Water CAPT USN*  
 Code: *N 312 Q* Date: *14 Feb 75*

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Project No. \_\_\_\_\_ Project Title \_\_\_\_\_ Project Officer \_\_\_\_\_ Organization \_\_\_\_\_ Remarks \_\_\_\_\_

PROGRAM 23: - Bio-Med Experiments  
Program Director - Eugene P. Cronkite

- 23.1 Determination of Biological Effectiveness of Ionizing Radiation within Shelter (MARI) (MNDL)  
V. P. Bond
- 23.2 Bacteriological Studies on Dogs Exposed to Primarily Neutron Irradiation (MARI) (MNDL)  
V. P. Bond
- 23.3 Active and Long-term Studies on Animals Exposed Primarily to Neutron Irradiation (MARI) (MNDL)  
V. P. Bond
- 23.4 Effects of Neutron Irradiation on Longevity and Production of Sex-linked and Autosomal Lethal Mutations in Drosophila (MNC-A)
- 23.5 Lethals in Sex Chromosomes of Drosophila (MNC-T)
- 23.6 Somatic Mutations in Drosophila (MNC-ORNL)
- 23.7 Drosophila Chromosome Breaks (MNC-CT)
- 23.8 Drosophila LD and First Generation Lethals (MNC-IB)
- 23.9 Dosage/Mutation Curve and Color Mutations in Wasp Mormoniella Males (MNC-P)

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Project No.	Project Title	Project Officer	Organisation	Remarks
23.10	Effects of Neutrons on Chromosome Breaks in <u>Tridascantia</u>	H. H. Plough	AEC-ORNL	
23.11	Chromosome Breaks and Mutations in <u>Datura</u>	H. H. Plough	AEC-S	
23.12	Reverse Mutations in <u>Neurospora</u>	H. H. Plough	AEC-ORNL	
23.13	Irradiation of Pregnant Mice for Direct Effects on Offspring	H. H. Plough	AEC-ORNL	
23.14	LD and First Generation lethals on Mice of Two stocks Exposed to Same Dose	H. H. Plough	AEC-IS	
23.15	Effects of Overpressures, Displacement and Missiles on Animals	J. E. Roberts	AEC-IC	
PROGRAM 24: AEC Shelter Structures Program Director - Robert L. Corrbie				
24.1	AEC Shelter Evaluation	R. L. Corrbie	AEC-BM	
24.2	Physical Measurements of Gamma and Neutron Radiation in Shelters, including Instrumentation Evaluation	L. J. Deal	AEC-BM	
24.3	Physical Measurements of Static and Dynamic Overpressures and Thermal Radiation in Shelters	VITRO	AEC-BM	

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Project No. \_\_\_\_\_ Project Title \_\_\_\_\_ Project Officer \_\_\_\_\_ Organisation \_\_\_\_\_ Remarks \_\_\_\_\_

- 25.1 Effects of Static and Dynamic Pressures on Water Tanks, Pipes, and Fittings  
PROGRAM 25: ARC Services  
Program Director - Arthur E. Gorman  
A. E. Gorman  
ARC-RD
- 26.1 Bio-Med Evaluation of Vehicles as Shelters  
PROGRAM 26: CIVILIAN Vehicle Tests  
Program Director - H. L. Goodwin  
Gordon Dunning  
ARC-FCDA
- 26.2 Physical and Mechanical Evaluation of Vehicles Exposed to Atomic Attack  
PROGRAM 27: Fall-Out Studies in Near Areas  
Program Director - Kermit H. Larson  
H. K. Gayer  
ARC-FCDA
- 27.1 Physical Evaluation of Fall-Out Materials  
ARC-FCDA  
{UCIA  
ARC-(AEP
- 27.2 Biological Effects on Native Animals of Inhalation and Ingestion of Fall-out Materials and Evaluation of Soil Contamination  
ARC-FCDA  
{UCIA  
ARC-(AEP

Project No. \_\_\_\_\_ Project Title \_\_\_\_\_ Project Officer \_\_\_\_\_ Organization \_\_\_\_\_ Remarks \_\_\_\_\_

PROGRAM 28: Radiation Telemetering System

Program Director - R. W. Johnston

28.1

Radiation Monitoring System Using A Radio Telemetering Link for Transmission of Data

R. W. Johnston

ARC-3M

PROGRAM 29: Dosimetry

29.1

Comparison and Evaluation of Dosimetry Methods Applicable to Gamma Radiation

*7/2/52*

DTIA

29.2

Study and Measure Fast Neutrons in Field Tests by Means of the Permanent Electrical Resistance Changes Produced by Them in Semi-Conductors

UCIA

The above programs represent the status of the Civil Effects Tests on October 22, 1952, and will be used for planning purposes. Revisions will be made as necessary when the decisions on tentative projects are firm and indicated positions are filled.

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28 October 1952

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Dr. J. C. Clark  
Deputy Test Director  
Los Alamos Scientific Laboratory  
P. O. Box #1663  
Los Alamos, New Mexico

006382

Dear Dr. Clark:

In accordance with our meetings of September 24, 25, and 26, in Los Alamos, and subsequent telephone discussions, I am enclosing herewith two (2) copies of a tentative schedule of programs and projects in the Civil Effects Test Group. This schedule represents the present status of Civil Effects tests proposed by various civil agencies including the Atomic Energy Commission for inclusion in the Spring 1953 test series. It is based on the best information available as of October 22, 1952, but several of the programs still lack final decisions relative to funding and details of participation. The schedule is furnished for information, guidance and planning purposes.

Sincerely yours,

Robert L. Corsbie  
Director, Civil Effects Group.

Enclosure

- cc: J. C. Bugher, M.D. (w/enclosure)
- H. C. Brown, Jr. "
- Col. Vincent Huston "
- C. D. Dunham, M.D. "
- W. D. Claus "
- F. B. Pearson "
- H. L. Goodwin "
- Eugene P. Cronkite, NRCI " RLC by B.L.

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IA W OPNA VINST5513.16  
Signature: James W. [unclear] CAPT USN  
Code: AN312Q Date: 14 Feb 95

Encl. (2) to *HRDF* 006382