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for CHRIS H. DERRING
(Person authorizing change in classification and date)

HEADQUARTERS
TASK GROUP 7.1
Joint Task Force SEVEN
P. O. Box 1663
Los Alamos, New Mexico

411352

(Signature of person making the change and date)

OCT 13 1955

J3-228

SUBJECT: Revision Number 1 to REDWING Participation

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TO: Distribution

1. SECRET RESTRICTED DATA letter, this headquarters, J3-142, subject: REDWING Participation, dated 18 August 1955, is rescinded.
2. Attached chart titled "SCHEDULE OF PARTICIPATION IN REDWING" contains the latest information extracted from Monthly Status Reports received by this office, from information furnished by WETD and by personal visits to many of the project and program officers.
3. If there are any changes in project titles, project officers or participation please inform this office as soon as possible.

FOR THE COMMANDER:

W.T. Kerwin
W. T. KERWIN
J-3
Plans & Operations

1 Incl:
SCHEDULE OF PARTICIPATION
IN REDWING

Joy Luck
2022
P. 40

AJC/rep

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33-11

DEPARTMENT OF ENERGY DECLASSIFICATION REVIEW	
1ST REVIEW-DATE: <u>11-01-97</u>	DETERMINATION (CIRCLE NUMBER(S))
AUTHORITY: <u>PAOC EACD CADD</u>	1. CLASSIFICATION RETAINED
NAME: <u>DERRING</u>	2. CLASSIFICATION CHANGED TO:
2ND REVIEW-DATE: <u>10-30-97</u>	3. CONTAINS NO DOE CLASSIFIED INFO
AUTHORITY: ADD	4. COORDINATE WITH:
NAME: <u>DERRING</u>	5. CLASSIFICATION CANCELLED
	6. CLASSIFIED INFO BRACKETED
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Oct 13

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PROGRAM NUMBER	PROJECT NUMBER	TITLE	PROGRAM DIRECTOR OR PROJECT OFFICER	SPONSOR	AGENCY	PARTICIPATION BY SHOTS													
						BIKINI						ENIOMETOK							
						CHEROKEE	HURON	ZUNI	FLATHEAD	NAVAJO	APACHE	BLACKFOOT	YUMA	OSAGE	KICKAPOO	LACROSSE	MOHAWK	ERIE	SENECA
	2.4	Decontamination and Protection	J. C. Maloney	USA	CEL	X	X	X											
	2.5	Neutron Flux Measurements and Shielding Studies	B. Barnett	USA	CEL	X						X	X	X ³	X				
	2.61	Rocket Determination of the Activity Distribution within the Stabilised Cloud	R. Soule	AFSMP	NRDL	X	X		X ⁴										
	2.62	Fall-Out Studies by Oceanography Methods	F. D. Jennings	ONR	SIO	X	X	X ²	X ²	X ²									
	2.63	Collection and Characterization of Fall-Out with Time	T. Triffet	USN	NRDL	X	X	X	X										
	2.64	Fall-Out Location and Delineation by Aerial Survey	R. Graveson	AEC	NYOO	X	X ⁵	X	X	X ⁵	X								X ⁵
	2.65	Analysis of Fall-Out and of Base Surge	M. Morgenthau	USA	CEL	X	X	?	X	?					X				X
	2.66	Early Cloud Penetration	Col E. A. Pinson	USAF	AFSNC	X	X	X	X	X					?				
	2.7	Relative Importance of the Various Radiation Sources to the Ship Shielding Problem	H. R. Rinnert	USN	NRDL	X	X	X ²	X ²	X ²									?
	2.8	Ship Countermeasures Methods Studies	R. H. Heiskell	USN	NRDL	X	X	X ²	X ²	X ²									?
	2.9	Standard Recovery Procedure for Tactical Decontamination of Ship	F. S. Vine	USN	BUSHIPS	X	X	X ²	X ²	X ²									?

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						BIKINI						ENIWETOK						
						CHEROKEE	HURON	ZUNI	FLATHEAD	NAVAJO	APACHE	BLACKFOOT	XUMA	OSAGE	KICKAPOO	LACROSSE	MOHAWK	ERIE
6	5.5	In-Flight Participation of F-84F	1st Lt R.F. Mitchell	USAF	WADC	X	X	X	X	X	X					X	X	
	5.6	In-Flight Participation of an F-101A	Capt M. H. Lewin	USAF	WADC	X	X	X	X	X	X					X	X	X
	5.7	Thermal Flux and Albedo Measurements from Aircraft	Capt R. L. Dresser	USAF	AFCRC	X	X	X	X	X	X							
	5.8	Response of A3D-1 Aircraft in Thermonuclear Radiation Field	LT P. F. Harward	USN	BUAER	X	X	X	X	X	X							
	5.9	Weapon Effects on Missile Structures and Materials	Lt C. J. Coenza	USAF	WADC	X												X
6		TESTS OF SERVICE EQUIPMENT AND MATERIALS	Maj C. W. Bankes															
	6.1	Accurate Location of an Electromagnetic Pulse Source	E. A. Lewis	USAF	AFCRC	X	X	X	X	X	X	X	X	X	X	X	X	X
	6.3	Effects of Atomic Explosions on the Ionosphere	A. K. Harris	USA	ESL	X	X	X	X	X	X	X	X	X	X	X	X	X
6		THERMAL RADIATION AND EFFECTS	Maj W. C. Linton															
6	8.1	Basic Thermal Radiation Measurements	W. B. Plum	USN	NRDL	X		X								X	X	
	8.2	Thermal Damage to Materials	W. L. Foss	AFSMP	CFRES	X												

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PROGRAM NUMBER	PROJECT NUMBER	TITLE	PROGRAM DIRECTOR OR PROJECT OFFICER	SPONSOR	AGENCY	PARTICIPATION BY SHOTS													
						BIKINI						ENIWE TOK							
						CHESTER	HURON	ZUNI	FLATHEAD	NAVJO	APACHE	BLACKFOOT	YUMA	OSAGE	KICKAPOO	LACROSSE	POHAWK	ERIE	SEMINOLE
9	8.3	Evaluation of Self-Recording Thermal Indicators	J. J. Mahoney	USA	CRL	X						X							
	8.4	Thermal Response of Aircraft Structural Sandwich Panels	LCDR A. Julian	USN	BUAER	X													
	8.5	Airborne High Resolution Spectral Analysis	R. Zirkind	USN	BUAER	X	X	X	X					X	X	X			
		GENERAL SUPPORT	Lt Col J. G. James																
10	9.1	Technical Photography	Lt Col J. G. James		AFSWP	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	9.2	Special Meteorological Measurements				X	X	X	X	X	X	X	X	X	X	X	X	X	X
	9.3	Timing Signals				X	X	X	X	X	X	X	X	X	X	X	X	X	X
	9.4	Soil Stabilization and Ground Surface Preparations				X													
		THERMAL RADIATION AND HYDRODYNAMICS	H. Hoerlin																
11	10.1	Fireball Hydrodynamics	J. F. Mullaney	LASL	J-10	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	10.2	Time of Arrival	J. F. Mullaney	LASL	J-10	X	X	X	X	X	X	X	X	X	X	X	X	X	X
11		RADIOCHEMISTRY	R. W. Spence																
	11.1	Radio Chemical Analysis	R. W. Spence	LASL	J-11	X	X	X	X	X	X	X	X	X	X	X	X	X	X

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						HIKINI						ENIWEKOK						
						CHEROMEE	HUFON	ZUMI	FLATHEAD	NAVJO	APACHE	BLACKFOOT	YUVA	OSAGE	KICKAPOO	LACROSSE	MOHAWK	ERIE
12	11.2	Sampling	H. F. Plank	LASL	J-11	X	X	X	X	X	X	X	X	X	X	X	X	X
		EXTERNAL NEUTRON MEASUREMENT AND HIGH ENERGY GAMMA MEASUREMENT	R. L. Amcott															
13	12.1	Threshold Detectors	W. A. Biggers	LASL	J-12							X			X		X	X
	12.2	Phonex	D. Phillips	LASL	J-12							X					X	
		FISSION REACTION MEASUREMENTS	J. S. Malik															
15	13.1	Fission Reaction Measurement, Land and Air	R. Patten	LASL	EG&G	X						X			X		X	
	13.2	Fission Reaction Measurement, Sea	J. S. Malik	LASL	J-13		X		X	X								X
	13.3	ENS Monitoring	D. E. Henry	LASL	SC	X	X	X	X		X	X			X		X	X
		PHOTO-PHYSICS	G. L. Felt															
16	15.1	EG&G Photography (Cloud, Fireball and Shangometers)	H. E. Grier	LASL	EG&G	X	X		X	X		X	X		X		X	X
	15.2	J-15 Photography (High Speed Photography)	G. L. Felt	LASL	J-15	X	X		X	X		X			X		X	
		PHYSICS & ELECTRONICS & REACTION HISTORY	B. E. Watt															

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23	22.2	Remote Alpha Measurements	H. E. Grier	UCRL	EG&G						X										
	22.3	Transit Time		UCRL	SC						X										
		SCIENTIFIC PHOTOGRAPHY	H. B. Keller																		
30	23.1	Ball of Fire & Bhangmeter	H. E. Grier	UCRL	EG&G			X			X		X			X					
	23.2	Cloud Photography	H. E. Grier	UCRL	EG&G			X			X		X			X					
	23.3	Time Interval Measurements	H. B. Keller	UCRL				X												X	
	23.4	Time & Pressure Measurements	H. B. Keller	UCRL				X												X	
	23.5	Remote Time Measurements	H. E. Grier	UCRL	EG&G			X			X										
		VULNERABILITY	J. H. Scott																		
31	30.1	Fireball Effects Temperature vs. Time Inside Fireball by Electronics. Temperature vs. Time Inside Fireball by Guns.	F. E. Thompson	SC									X			X					
	30.2	Vulnerability of Stockpile Weapons	H. E. Hansen	SC																X	
		MICROBAROGRAPHY	R. Heppelwhite																		
	31.1	Microbarograph	W. A. Gustafson	SC		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

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NOTES:

- X₁ - Photography with rockets.
- X₂ - Participation in one.
- X₃ - Participate if fired over JANET.
- X₄ - Participate if rockets available.
- X₅ - Participate using copter to study gamma spectra.

PROJECT ORGANIZATION ABBREVIATIONS

AEC - Atomic Energy Commission
AFCRC - Air Force Cambridge Research Center
AFSAM - Air Force School of Aviation Medicine
AFSWC - Air Force Special Weapons Center
AFSWP - Armed Forces Special Weapons Project
BRL - Ballistics Research Laboratories
BUAER - Bureau of Aeronautics, U. S. Navy
BUSHIPS - Bureau of Ships, U. S. Navy
CFRES - California Forest and Range Experiment Station, Berkeley, California
CRL - Chemical and Radiological Laboratories
WETD - Weapons Effects Tests Division
EG&G - Edgerton, Germeshausen and Grier, Inc.
ERDL - Engineer Research and Development Laboratories
ESL - Evans Signal Laboratory
LASL - Los Alamos Scientific Laboratory
NOL - Naval Ordnance Laboratory
NRDL - Naval Radiological Defense Laboratory
NRL - Naval Research Laboratory
NYOO - New York Operations Office
ONR - Office of Naval Research
SC - Sandia Corporation
SIO - Scripps Institution of Oceanography
UCRL - University of California Radiation Laboratory
U of R - University of Rochester
USA - United States Army
USAF - United States Air Force
USN - United States Navy
WADC - Wright Air Development Center