

~~CONFIDENTIAL~~

14466

SWPEF-1 921.1

29 DEC 1954

SUBJECT: Request for Special Radiochemical Analysis

TO: Assistant for Atomic Energy
Headquarters, USAF
Washington 25, D. C.
ATTN: Dr. D. H. Rock, AFOAT-1



M/R: This request is being made of AFOAT-1 to obtain information needed by the Fall-out Study Group under Col Maxwell. Col Maxwell, LtCol LaVier and Maj Gibson have held conferences with Dr. Rock and AFOAT-1 will do the analysis without cost to AFSWP. A SECRET classification is recommended because technical details concerning this work are secret and because AFOAT-1 operations are discussed.

1. This is to confirm a previous verbal request from the Alaska Forces Special Weapons Project that certain radiochemistry be performed on samples collected by AFOAT-1 in the Atlantic Coast region during Operation TEAPOT.

2. It is requested that, wherever possible, air and particulate samples be taken simultaneously. These samples should be analyzed for the relative amounts of iodine-131, strontium-90, the remaining fission products and the fraction containing strontium-90 saved for future analytical work. It is understood that sampling in the above areas will take place for approximately sixty (60) days (or the duration of the test series). Radiochemical analysis of the samples collected in the vicinity of the Nevada Proving Ground is also requested.

3. It is further requested that those samples taken on the Alaska-to-Formosa runs for 60 days subsequent to Operation TEAPOT be retained for possible later analysis of strontium-90.

DISTRIBUTION OF CYS FOR THE CHIEF, AFSWP.

- cys 1A&2A to addressee
- cy 3A retained in EF-1
- cy 4A - Rad Br comeback cy
- cy 5A - Fall-Out Study Grp Comeback cy
- cys 6A,7A&8A - to AG for file

H. H. RANKIN
Lt Col, Ord Corps
Adjutant General

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OFFICE SYMBOL	1. SWPEF	2. SWPAG-2	3. SWPAG	4. SWRSV	5.
GRADE AND SURNAME OF COORDINATING OFFICERS	Maj. Gibson	Capt. Kurland		Brantley	

DRAFTER IDENTIFICATION: Maj Gibson WEW LB699B 74178
Rank or Grade Surname Initials of Typist Rm No Tel Ext
22 Dec 54

Declassified by DNA, Chief, ISTS

HRE-0472

AFSWP ROUTING AND CONTROL SHEET

NOTE: This Routing and Control Sheet will remain attached to this communication until all action required is completed. After action has been completed it will be filed in the Adjutant General's Office.

TO:	INITIALS	DATE	FOR	DATE RECEIVED	CONTROL NUMBER
CHIEF, AFSWP			APPROVAL		EF-4158
DEPUTY CHIEF, USA			COMMENT		
DEPUTY CHIEF, USN			CONCURRENCE	FILE NUMBER SWPEF-1 921.1	SUSPENSE DATE
CHIEF STAFF			INFORMATION		
DCS/OPERATIONS			4 NECESSARY ACTION	TYPE OF COMMUNICATION; NUMBER OF COPIES, INDORSEMENTS AND INCLOSURES Ltr to AFOAT-1 (Dr. Rock) Cys 1,2,4,5,6,7,8, Series A	
CHIEF, PLANS AND RQMTS			NOTE AND FORWARD		
CHIEF, OPNS AND TNG			NOTE AND RETURN		
DCS/ADMINISTRATION			1-3 COORDINATION		
CHIEF, SECURITY			FILE IN AGO		
CHIEF, PERSONNEL			SIGNATURE		
CHIEF, LOGISTICS					
2A DCS/TECHNICAL SERVICES	BFB	12/28	FROM:	DATE	
CHIEF, WPNS DEV			Radiation Branch		
2 CHIEF, WPNS EFFECTS	ARR	27 Dec 54	Effects Division		
CHIEF, WPNS DEFENSE					
CHIEF, WPNS TEST			SUBJECT OR SUMMARY OF THE COMMUNICATION		
4 ADJUTANT GENERAL			Request for Special Radiochemical Analysis		
INSPECTOR GENERAL					
SPECIAL ASST TO CHIEF, AFSWP					
HISTORIAN					
1 Fall-out Study Group	Rm	12/23			
3 SWPAG-2					

RETURN TO SGO

REMARKS

DIST. OF CYS

Cys 1A&2A to addce
 Cy 3A retained in EF-1
 Cy 4A - EF-1 comeback cy
 Cy 5A - Fall-out Study Grp comeback cy
 Cys 6A,7A&8A - to AG for file

Declassified by DNA, Chief, ISTS
Robert L. Payne
 Date: 8/19/94