

Document Separator Sheet



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RADIOLOGICAL AFFAIRS SUPPORT OFFICE TECHNICAL ASSISTANCE VISIT

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MARIANAS

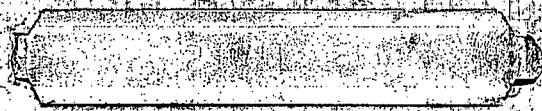
Notes:

Original Box #:

80

MSI Scan Box #:

69





U. S. NAVAL AIR STATION

FPO SAN FRANCISCO 96637

IN REPLY REFER TO:

40400:JMC:sm

3253

Ser 891

28 JUN 1978

From: Commanding Officer, U. S. Naval Air Station, Agana, Guam
To: Officer in Charge, Naval Nuclear Power Unit, Port Hueneme,
California 93043

Subj: Radiological Affairs Support Office Technical Assistance Visit

Ref: (a) OinC Ltr Naval Nuclear Power Unit, 41:JJ0:1f 3253/23A
Ser 0679 dtd 8 Jun 78

Encl: (1) Coordination of RASO Technical Assistance Visit and
Listing of Sources of Ionizing Radiation

1. In accordance with reference (a), enclosure (1) is submitted.

R. G. KRUEGER
By direction

COORDINATION OF RASO TECHNICAL ASSISTANCE VISIT

AND

LISTING OF SOURCES OF IONIZING RADIATION

I. Point of contact for coordinating the planned RASO Technical Assistance visit to this command is ENS J. M. CLARK USNR A/V 388-1127/1142

II. Sources of machines produced ionizing radiation.

	<u>Make, Model and Description</u>	<u>Maximum kVp and mA</u>
A.	<u>SPERRY PRODUCTION DIVISION</u> <u>140KVP 4MA INDUSTRIAL X-RAY UNIT</u> <u>X-RAY APPARATUS, RADIOGRAPHIC INDUSTRIAL</u>	<u>140 KVP 4MA</u>
B.	<u>MAGNAFLUX CORPORATION</u> <u>150KVP 7MA PORTABLE X-RAY UNIT</u> <u>X-RAY APPARATUS. RADIOGRAPHIC PORTABLE</u>	<u>150 KVP 7MA</u>
C.	_____	_____
	_____	_____
D.	_____	_____
	_____	_____
E.	_____	_____
	_____	_____
F.	_____	_____
	_____	_____
G.	_____	_____
	_____	_____
H.	_____	_____
	_____	_____
I.	_____	_____
	_____	_____

41:JJO:lf
3253/23A
Ser:

0078

8 JUN 1978

From: Officer in Charge
To: Commanding Officer, U. S. Naval Air Station, FPO San Francisco 96637
Subj: Radiological Affairs Support Office Technical Assistance Visit
Ref: (a) NAVMATINST 5100.8 Series
(b) Radiological Affairs Support Office (RASO) Report No. 117 of 4 Feb 74
Encl: (1) Coordination of RASO Technical Assistance Visit and Listing of Sources of Ionizing Radiation

1. In accordance with reference (a), the Radiological Affairs Support Office (RASO) of the Naval Nuclear Power Unit is planning to conduct a technical assistance visit to the U. S. Naval Air Station, Agana, Guam, during the month of July 1978.

2. The area of interest is ionizing radiation safety covering both licensed and non-licensed radioactive materials, and machines which produce ionizing radiation. During this visit, the radiation safety program and findings and recommendations included in reference (b) will be reviewed. Assistance will be provided to resolve any new problems regarding radiation safety.

3. To facilitate the planning of the technical assistance visit, it is requested that an inventory of all ionizing radiation sources and the name and telephone number of a contact individual be forwarded. For your convenience a form for providing the requested information is attached as enclosure (1). It is requested that this form be completed and returned to this Unit within 10 working days from the date of this letter to permit orderly planning for the assistance visit. Questions or comments relative to the scheduling of this assistance visit should be addressed to Mr. J. J. Orr, AUTOVON 360-4161.

M. C. SCHRAMER
By direction

Copy to:
NAVFACENGCOM (04N)

Internal copy to:
R/F
3253/23A
→ Code 41

Visit May 710412 July 1978
Visit 19 July 1978

Far East

01 OF 01	DRAFTER OR RELEASE TIME	REL TIME ACT	LNK	CLASS	CC	FOR MESSAGE CENTER / COMMUNICATIONS CENTER ONLY		
	1781745	RR RR		UUUU		DATE-TIME	MONTH	YR
						271745Z	JUN	78

BOOK MESSAGE HANDLING INSTRUCTIONS

FROM: NAVNUPURU PORT HUENEME CA
 TO: NAS AGANA GUAM
 INFO NAVFACENGCOM WASHINGTON DC

UNCLAS //NO3253//

RADIOLOGICAL AFFAIRS SUPPORT OFFICE TECHNICAL ASSISTANCE VISIT

- A. NAVNUPURU LTR 3253/23A SER 0679 OF 8 JUN 78
- 1. REPLY TO REF A HAS NOT BEEN RECEIVED. REQUEST ADVISE.

0
4
2
1
0

DISTR:

DRAFTER TYPED NAME, TITLE, OFFICE SYMBOL, PHONE # DATE

SPECIAL INSTRUCTIONS

HMC WISE, NNPU, X5323

TYPED NAME, TITLE, OFFICE SYMBOL AND PHONE

LCDR JOHANNESMEYER, NNPU, X5323

SIGNATURE

SECURITY CLASSIFICATION

DATE TIME GROUP

UNCLASSIFIED

EUS-SMELSON R. AD Dir-Off

*James P. ...
Safety Officer*

X-RAY FACILITY AND TRAINING SPECIFICATIONS

1. Building No. 17-3308 annex Air Frame Shop Room No. _____
2. Operator in Charge: Name AMSI RASMUSSEN D.R.
Training NAS JAX RADIOGRAPHIC SCHOOL
(ASC CROCKER, B TRAINEE)
3. Other operators: Name Room 1/8" lead concrete blocks wall
Ceiling unlined
9' X 16' X 14'
4. Control panel mfr. and model Sperry 140 Kup
Tube head mfr. and model _____
5. Maximum ratings: (A) 140 kVp; corresponding 4 mA and _____ RHM
(B) _____ kVp; corresponding _____ mA and _____ kVp
6. Maximum used: 120 kVp; 4 mA; _____ RHM
7. Duty cycle 3 minutes on / 5 minutes off
8. Average time per exposure _____ Minutes
9. Hours ON time _____ /day, _____ /week
(Based on machine workload log)
10. Collimator _____
11. Room (machine) dimensions, wall composition and thickness (on diagram when used)
1/8" lead lining on walls

*seconds to minutes/month
qualification / 5 shifts only*

2 AN/PDR-27C calibrated same time six months
exchanging boxes

Key lock: key & code locked in mobile trailer
beam on light, mA meter, kV meter, timer
one job in three years
qualification exposures only each month
operator, assistant when film badge
nylon rope / caution rad area signs

SAFETY SYSTEM

- 1. Building No. _____ Room No. _____
- 2. Operating and emergency procedures for radiation safety:
Written _____ Posted _____ Where _____
- 3. Interlocks _____ Operational _____ Re-set type _____
- 4. Warning signals: Lights _____ Sound _____ Delay time _____ sec. Locations _____
- 5. Radiation alarms _____
- 6. Panic buttons _____ Location(s) _____ Exit doors _____
- 7. Does failure of one device imply failure of another? _____
- 8. Radiation signs
CAUTION - RADIATION AREA _____
CAUTION - HIGH RADIATION AREA _____
CAUTION - X-RAYS PRODUCED WHEN ENERGIZED (Near Beam ON Control) _____
CAUTION - X-RAYS - DO NOT INSERT ANY PART OF THE BODY WHEN SYSTEM IS
ENERGIZED (On Exposure Area Access of Cabinet Units) _____
ENERGIZED (on exposure area access of cabinet units) _____
- 9. ON-OFF key control, power supply control, facility security _____
- 10. Beam OFF control _____
- 11. Beam ON light _____ mA meter _____
- 12. Beam limitations _____
How _____
- 13. Safety device(s) inspected periodically
_____ Weekly _____ Monthly _____ Quarterly _____ Other _____
- 14. Survey meters: type, Model No., etc. _____
Current calibration? _____
Adequate energy response? _____
- 15. Previous surveys (review) _____

Dir. office *Wraith's* *Caution red area sign removed*
RECOMMEND: REMOVAL *But place Hi-pod*
sign on door when performing
radiography

NAS

DATE 7 FEB

A. Organization and Location

B. Personnel

- 1. Commanding Officer and Phone No. CAPT J.M. ELSTER
- 2. Executive Officer and Phone No. _____
- 3. Main Contact and Phone No. LTJG POSS - B&D
Position _____
- 4. RSO and Phone No. _____
Training _____

B&D

C. Personnel Dosimetry

- 1. Film
Controlled by RASMUSSEN Changed Monthly
Reviewed by not reviewed
Recorded (DD-1141) No Environmental Film Used No
Unusual Exposures No Investigated N/A Written up & filed N/A
Control Film YES New Packages _____

supplied by Hospital

- D. 2. Dosimeter
Type and Number in Use No Where _____
Recorded _____
Compared to Film _____
Reliability Test (NAVMED P-5055, para 6-2(2)(b)) _____

Report comes to AAMD from Bethesda
Recommend photo-program handled by Hospital

D. Instrumentation

1. Manufacturer's Name, Model No., Type, and Number of Instruments:

AN/PDR-27C calibrated 6 mo on exchange basis

2. Calibration:

When _____ Staggered _____
Where _____

3. Repair:

4. Radlat

5. Traktor

6. AEC Hec.

7. Waste digon

8. Radlat

9.

10. Digon

11. Hec.

12. Hec.

13.

14. Hec.

15. Hec.

16. Hec.

17. Hec.

18. Hec.

AVIONICS

LT K. E. PAUL USO - WAS A GANA

(no one familiar with Shipping Reg. & Reg.
for radioactive material)

OPERATING AND EMERGENCY PROCEDURES FOR RADIATION SAFETY
(POSSIBLE ITEMS TO INCLUDE)

1. Person(s) responsible for and authorized to use equipment/facility
2. Only knowledgeable personnel permitted to install, repair, or make more than routine modifications of system
3. Personnel monitoring requirements
4. Caution regarding exposure of any part of the body to primary beam
5. Personnel access controls
6. Beam orientation limitations
7. Max. allowable setting of machine
8. Security of machine/facility including all keys
9. Use of survey meters
10. Responsibility for area surveys. Method and occasion for conducting surveys (change in max. machine settings, shielding, tube replacement, etc.)
11. Detailed beam alignment procedures (diffraction)
If exposure is likely, definite warning provided and survey requirement stated
12. Persons to notify and action to take in event of accident or suspected overexposures
13. Requirement for temporary alteration of safety system to be approved by RPO in writing, and warning of unsafe status posted near system
14. Requirement that safety interlocks not to be used to deactivate beam except in emergency or test
15. Local radiation safety procedures unique to the facility
16. Required radiation safety training for operators and responsible personnel
17. Methods to minimize personnel exposure
18. Responsibilities for records and reports



U. S. NAVAL AIR STATION
FPO SAN FRANCISCO 96637

IN REPLY REFER TO:

ASO-1:JCP:ap

5100

Ser 1907

7 NOV 1973

From: Commanding Officer, U. S. Naval Air Station, Agana, Guam
To: Officer in Charge, Naval Nuclear Power Unit (Attn: LCDR GREEN)
Subj: Radiological Affairs Support Office (RASO) Technical Assistance
Visits

Ref: (a) COMNAVAIRPAC ltr 5100 ser 80/57 of 3 Oct 1973

1. In accordance with reference (a), Lieutenant (junior grade) James C. POSS, General Safety Officer, has been designated as command contact officer for RASO visit. He may be reached at 344-8207, 344-8101 (work) or 342-5159 (home) Guam.

C. T. GOWEN