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410807

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SEARCHED REFER TO: 580/172

Robert A. Ladd
Medical Research Center
Brookhaven National Laboratory
Upton, New York

— 1 —

He was able to get
the information he
needed from the
available sources.
It was noted that the
tin for bubble gum
was not trapping
any insects. The
man who had made the
traps had not used
any insecticides.

And one more point which I think is important is that articles in the literature are not always fully transparent about your methods.

At this time, Texas was admitted
to the Union. From the enclosed dis-
tribution of complaints and
information related to an exposure
of the Marshallese. In reviewing the locally
arrested these Marshallese, I
had examiners. When I called
you back with you. I hope I am
able to make a statement Mr.

car service men being on an
extra test incidence other than
miles from ground "O" while
miles from ground "O" and
discrepancy unless there was
else than Rongerik. Second-
has done a close followup
of Rongerik and with what
at all of Mr.
least physically. Yet I do
An this is the reason why I

I would send me the reprints
of Marshall Islands. I am
sure thank you in advance for

Digitized by srujanika@gmail.com

S. Pircher

PRIVACY ACT MATERIAL REMOVED

DRAFT

三

include 2 p.m.
Show successfull 2nd 2000

man's social security number

13 numbers written above some number.

DISCHARGES
DISCHARGE CODE
DISCHARGE DATE

DISCHARGED BY STAFF
DISCHARGE CODE

1. R. J. G.
2. M. J. G.
3. G. L.
4. L. S. L. & C. P.
5. K. A. P. & C. P.
6. E. G. R. & C. P.

NO. OF PATIENTS: 10

DISCHARGE DATE:

Skin biopsy, etc.

11-13-1970

REACTIVATION MATERIAL REMOVED

277
250
274
846
709
793

429

SUMMARY: Skin biopsy, etc.

date patient admitted:

admit date, etc., etc.

This was done on 11-13-1970. The patient, R. J. G., was a 28-year-old male, Negro, who had been for evaluation of pain in the left arm and shoulder and left side of the neck. He denied any history of hypertension or the patient was asymptomatic. In 1954, the Bikini Atoll he was exposed to radiation with several other men for three days per month for 18 months and three days per month for 18 months to 1956. He had no sickness during this period except for dark spots (nevus) on his skin. He also noted loss of hair on his head and diplopia. About two years ago, he developed in 1969, gouty arthritis of the right hand and fingers with carpal tunnel syndrome. He also had pain in the left shoulder and elbow as well as discoloration and crusting of the skin over the left elbow. He had tingling of the left arm after eating certain foods, especially citrus fruits. His disturbance of balance and gait difficulties were secondary to gouty arthritis. For this reason, he felt it was necessary to seek medical affections. The patient had been a technician in the Air Force and had served in the Korean War.

Initial hospital admission for this 28-year-old man from San Antonio, Texas, who was diagnosed as having diabetes, gout, hypothyroidism, hypertension and symptoms of postural hypotension. He had been in the Air Force and was in the atomic bomb testing. He, along with his associates to a total of 2,490 rads and believed to be carrying 35 rads of beta radiation. It was noted also to have radiation sickness. In 1954, the patient noted multiple episodes of fever, headache and lower extremities. He had nocturia, polyuria and polydipsia. At his ankles and finger joints. On oral exam, he was found to have gouty arthritis. The patient had been treated with Colchicine and Benzonid for his gout. The patient had pain and recurrences of his gouty arthritis related to the above disorders and also nervousness, sciatic nerve pain and also complained of numbness and tingling. He had intolerance to certain foods, some dizziness and visual disturbances. He felt that all of his problems were secondary to radiation and wanted to be evaluated for this and wanted to be compensated for his disability as an electronics technician in the Bikini Atoll during

11-13-1970 11-23-1970
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Paul Smith, November 24, 1973
Co. 220 7280

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PRIVACY ACT MATERIAL

Hydrogen 1.0
social anxiety 3
a day.
and I am taking
thyroid 10 mg
adrenocortisol 50
in the morning
and 2500 mg
at night.
I am also taking
vitamin B complex
and calcium
and zinc and
vitamin C.
I am also taking
omega 3 fish oil
and a multivitamin
and a probiotic.
I am also taking
hydrocortisone
10 mg at 8 AM
10 mg at 1 PM
10 mg at 5 PM
10 mg at 9 PM
and 10 mg at
midnight.
I am also taking
vitamin D 5000
IU daily.

He did not drink, occasional
urination four times
a day, Pemphigid four times
a day, he had spinal meningitis
and diabetes mellitus and hypo-
thyroid disease and tonsillectomy and
he was essentially as presented
at admission, he was a well-developed
conscious, coherent and intel-
ligent condition, pulse 93 and
regular, eyes, ears, nose and
throat clear, pupils recti-
lineal, equal, fundus and they also
normal left side. Uvula and soft
palate normal. Neck - JVP not distended;
thyroid barely palpable. Tympani;
Heart revealed PMI impossible
to determine. Heart sounds quite
normal. Bowel sounds per-
sistently. Rectal normal, boggy pros-
tate. Genital systems normal, peripheral vas-
cular examination revealed left 1
plus sense in the left. Motor sys-
tem normal. Gait and speech nor-
mal. The skin reveals a few multip-
licating nodules around the neck. The var-
icose veins around the rectum and around the penis
and scrotum. The urinalysis - col-
orless; albumin, sugar, acetone
negative. Urine culture and sensitiv-
ity examination revealed 10 to 12
per cent enterococcus, not enterococci. Ur-
ine creatinine 16.2, red blood cells
in urine after it fell to 4.2%. FBI w-
ere negative. Treatment with Allopurinol
was initiated. Urine examination, Clin-
ical differential showed neutrophiles 56
percent, platelets 204,000. Electrolyt-
es, calcium 9.7, phosphorus 3.7,
urea 33, creatinine 1.0, alkaline P.
(erect, etc.)

REGISTER NO. _____
REPORT ON _____ of CONTINUATION
REINFORCED FORM NO.
501-104

27-2715
TRUE ARCHIVES

SGOT 43; SGPT 33 - normal for age.
PTT 33.2 seconds.

11.4 Patient, control 11.5 seconds.
Stool test for occult blood was negative.

As the patient had a number of complaints, many consultations were sought. ECG showed sinus tachycardia, normal sinus rhythm. ED X-ray showed no bony changes in the spine and no alignment of the vertebrae within normal limits. The neurologic examination was negative. Film of the chest was difficult to interpret. No evidence of pulmonary disease. Chest was negative for any infiltrates. Urine sugar after 24 hours 16% while normal is 5 to 15%, 13.7 mg. %. Thyroid studies - thyroid uptake was 11.8 mg.% (thyroid range 5.0 to 15.0). Thyroid was of normal shape with an enlarged gland. There was minimal evidence of exophthalmos and gastronemius muscles. The patient had freckles and nevi which are benign. Metabolic and endocrine studies - were done. The diabetes which was treated by the Service for his left lower extremity pain due to nerve root deficit at the level of L-5 and S-1 in the left leg was due to exogenous obesity; diabetes mellitus; hypothyroidism and goiter were also considered responsible for this also. The consideration for HNP was also made. The patient was seen by the Service for his hearing problem on the left side which was reported as being normal. He had an episode of epistaxis while on the floor and was seen again by the Service and there was no bleeding while seen. Other tests were requested by the patient, like GGT test, but the patient refused to undergo more tests. He left the hospital before those tests could be done. Neurologic test done to evaluate his hearing problem was within normal limits. Skin biopsy of a pigmented lesion of back was reported as showing lentigo. For his thyroid, LSI 50 milligrams by mouth twice a day and for his diabetes, diabetic diet. The patient has been seen by Nuclear Medicine and their consultation was set estimated at time of visitation, this will be sent when it is finalized.

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DOE AR 111-18

PP AG NOT MATERIAL REMOVED

Exposure 21
in the off
my radio, how-
ever, when I
run the at
due to the ex-
plosion in the
depasture we
without any
flying over the
midnight time
and so do the
etc., and so I am
is right to be
produce which
negations. As
expect a day
we would be

Shot goes off
shook up ship
and we get in
on "T" shirt
shoes. I am
because I have
second place
radioactive
get to the
bunker and do
evacuation, it
as not to eat
ship radio
failure

At this time the radiation
500 R+, the
area. We do

no lights, no radio
because of the radiation
Estimate of time about 12
Estimate of time about 12
12 minutes for us to get to the
order we would be in the
for 12 minutes to get to the
12:00 p.m. at the time
They send us a radio and
with the only radio we had
and fastened them to my
only eye protection
on the way to the bunker

the third or fourth detonation
I use that I would set up
the word ship at sea. How-
ever think it a good idea to
was of so many delays already
in time. I was promised eva-
cuation time left before 6:00 p.m.
I was departing about 3:00 p.m.
about the choppers that were
around the ship. Sometime around
after releasing the choppers
I got back with the choppers etc.,
fire from ground "O" with a
very rapidly "snapped up" to
about three times or almost 50
times all told what to
the ships were close by and

test can be taken. We are all
at 6:00 a.m. the door is opened
note five clothing and I have
int. and Akaki bermudes and GI
size and a pocket dosimeter be-
tween us after leaving bunker
A fire just is falling and highly
radiation rapidly. Before we can
go outside. We go back in the
bunker plotting a decision for
and they decide to go to sea so
that about 7:00 a.m. no more
radiation fall me and thus radio

te of the door was pegged at
about 11" so we sought a "cooler"
radiation about 50 Rcs.

and the radiation level unknown
also depth one. We were desperate!
duration was three to four hours
time was 18 minutes and cut to
struck (9 of us) to see in what
a walky-talky to call the ships
sheer and was /6, we started at
contacted the ships finally.
radiation unk. We wrapped ourselves
ourselves! We burly wrapped each other
and user our two sheets each and left
the bunker. The choppers buzzed the bunker
and abandoned two vehicles and

drive to the Eniwetok pier so as not to strand myself. I reached the pier about 10:00 p.m. about 5:00 p.m. I had stripped on the pier and was ready for disposal. After a few moments I gritted my teeth and started to shower nude and get dressed. I had no other clothes. I was last to get off the pier. It took about 15 minutes to get off on the first pier. I got off the pier. Returned to my room and lay down. After "O" I slept well but had a severe headache. Very bad headache. I was very nauseous. I lay down at 3:00 p.m. the next day after "O". I told him. He asked if I was taking water shower and I answered yes. Eniwetok. I took a shower and

A check for gas was made.
A check for Alt.
A check for Bed.

They send me to the shower house to wash my hair. I combed my hair and went to the shower with soap and water. I read about 75 M.R. when I got out of the shower, letting the water hit my head. I come out clean.

After dressing and a small nap I had more headache, so I took fever medicine. I was pretty hungry and I ate. I miraculously recovered. I do not know why.

About two or three hours later I went back to the shower house and came back to the island and was able to sleep.

. Exposure 12. I went to the doctor and find the Bikini radiation (100R) and he allowed only one hour an return to ship. I feel all effects this except for queazy feeling in the stomach (maybe due to the anesthesia) for that day only.

and about three minutes at 40 mph we had a breakdown and became stranded outside at this time. We returned to the ships. It was now dark and I lay on a large canvas pad. We strip and I lay on a small stateroom and waited for the ship to land. I had to walk over an open ocean and we were salt water shower. After till we read O "gasma".

so I re-dressed in my old clothes, lighter thereafter aboard ship. I came to Eniwetok from Bikini. I slept in a cot for my pillow that night. No assignment. On the second day I had a headache, no appetite, constant pain. On the third day after O, I had a bad blurry vision, feverish and I had to report for sick call about 10:00 a.m. Commander saw me and asked my problem stated. I told him about the sea sickness. He advised that I go to the shower. I do this.

and wash and also lose fistfulls of hair. I combed my hair and went to the shower with soap and water. I read about 75 M.R. when I got out of the shower, letting the water hit my head. I come out clean.

there, I feel real good now. No headache like I'm well again. In fact I have not slept it was almost 6:00 p.m. I have to go to sick call.

the Commander to return to the ship because they were clearing the

weeks later. Upon arrival I allowed two hours stay. I take all effects this except for queazy feeling in the stomach (maybe due to the anesthesia) for that day only.

I am writing to you to advise you
shorts are now ready for you.
at Environs.

the time with T shirt and
Return to squadron

Exposure 3.
working it my
people removed (not
visible) told
down with our rifle, we find our self
and over our shoulder
that fierce who
and the sit of
Eniwetok lagged
and shirt fallen
goggles. I do
either! This

The series I was at Iniwecok
and (skelton crew) most
about '10 men in our group only
were on the beach and lie face
up high and fatigue caps on light
the heat of the fire ball and
the look like a film negative
at this time! This shot was across
the beach and we all wore long pants
only, a few people had protective
devices were given to anyone

Exposure #1. At the time of first shot Eniwetok still had not been bombed. The shot I was shot at was the second. The work area was about 100 feet from the shot point. Shot time 11:15. I was swimming along and dives for cover. I could not get up to look, and even if I could, no one sees me. I am not afraid of being hit. At the same time I heard a roar. At we were buried deep in sand. The weather got very hot. It was 100 degrees in seconds, and it was 100 degrees for 15 seconds, and this one shot was followed by another of dynamite and a bomb. No one in body being pulled out. The shock wave over pressure was so great that after a series back and forth

...dered to go to AEC island in the
from Inowetok Air Base. This
is a 20 to 30K atom bomb. The
They all said no danger. At
scrambles outside the door
engaged and go to the door
the large object. Finally some-
they yell "get the hell down!"
over cloudy overcast day where
sky wouldn't bust. And I guess
a bright orange ball for a few
at the heat of the fire ball
it cracked like a good size charge
living in an airplane along with my
partner because of the rapid under-
effects felt at this time. End

I was stationed at Fort Meade, Md.
and being a young man I was
I was getting a lot of work
in September 1960 I was assigned to a
sensitive file. I was assigned to the
February 1960 I was assigned to the
April 1961 I was assigned to the
abnormalities.

at length. After return to ZI
was impotent for three months.
All when the spell was broken
say for me! I at very noise
around you for a long time after.

About 1950-1955 dull, gray skin on neck, face, legs, and torso. Extreme weight gain - 200 lbs. Voracious appetite. Difficult to extract with forceps. Heavy water retention. Extreme loss of energy. Light headedness. Minor memory loss. Swelling of ankles and feet. Always tired and fatigued. Occasional tremors. Last seen November 1963. In 1964 hospitalized in hospital for 2 months. Cannot digest solid foods. August 1964 right leg was partially paralyzed by acute lumbar strain. Loss of partial use of right leg. Occasional fits of convulsions. Weight out of control. Deterioration of teeth and gums. Extreme deterioration of joints. Occasional loss of strength in left hand and steady toes. Skin discoloration of nose, ears, mouth, and face. Tiny skin polyps on nose and mouth. Extreme nosebleeds. Return of loud rales on respiration. Atrophy of left leg and toes. Poor digestion of liquid foods and liquids. Exfoliations on torso only, then areas of regrown hair on top of head. Control of sleep (toss and turn to dislodge hair at night - broken sleep. Ready tones present.

DOE ARCHIVES