R 410807

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Robert A
Medical
Brookhaven
Upton, New

MATERIAL REMOVED

Dear Dr

, Texas was admitted
from the enclosed dis-
complaints and
related to an exposure
reviewing the locally
these Marshallese, I
examiners. When I called
with you. I hope I am
also a statement Mr.

My questions
nuclear service men being on an
e to out incidence other than
Rongerik
miles from ground "0" while
miles from ground "0" and
discrepancy unless there was
ere else than Rongerik. Second-
has done a close followup
of Rongerik and with what
st all of Mr.
problems are
least physically. Yet I do
want to be
And this is the reason why I
am seeking

And one more
could send me the reprints
of articles
Marshallese Islanders. I am
looking forward
ne thank you in advance for
your efforts

Sincerely yours,

PRIVACY ACT MATERIAL REMOVED

Felix J. Pircher, M.D.
Chief, Nuclear Medicine Service

DOE A

Encl

Include veteran's social security number
Show veteran's full name
If number is unknown, show service number.

DIAGNOSES

1. [illegible]
2. [illegible]
3. [illegible]
4. [illegible]
5. [illegible]
6. [illegible]

ICD A CODE

277
250.[illegible]
274
846
709.[illegible]
793.[illegible]
429

Skin [illegible]

DATE

11-13-1970

RADIOACTIVE MATERIAL REMOVED

SUMMARY [illegible]

[illegible] at discharge. [illegible] medications furnished

This was [illegible] admission for this 28-year-old, [illegible] from San Antonio, Texas, who was born for [illegible] rheumatism, gout, hypothyroidism, and [illegible] symptoms of postural hypotension. He dated all [illegible] while in service. In 1954, the patient was [illegible] the Air Force and was in the Bikini Atoll [illegible] bomb testing. He, along with several others [illegible] to a total of 2,490 rads and three days [illegible] to be carrying 35 rads of beta radiation. [illegible] was noted also to have radiation sickness [illegible] 5, the patient noted multiple dark spots [illegible] back, face and lower extremities. He also noted loss of [illegible] appetite, polyuria and polydipsia. [illegible] of his ankles and finger joints. In 1963, [illegible] strain, he was found to have diabetes [illegible] patient had been treated with oral hypo[illegible] Benemid for his gout. The patient [illegible] and recurrences of his gout since then [illegible] related to the above disorders as well as [illegible] nervousness, sciatic nerve pain of the left [illegible] also complained of numbness and tingling of the [illegible] intolerance to certain foods, especially [illegible] dizziness and visual disturbance of late [illegible] patient felt that all of his problems were secondary to [illegible] and wanted to be evaluated for this reason. He felt [illegible] and should compensate for his afflictions. The [illegible] reputation as an electronics technician in the Air Force [illegible] in the Bikini Atoll during [illegible]

[illegible]

11-3-1970 11-23-1970 [illegible]

S. K. NAVAZ, M.D., PRESIDENT
MEDICAL SERVICE 11-24-70

VA FORM FEB 1946 10-1000 [illegible] 70 HOSPITAL SUMMARY

Hydrogen [illegible] he did not drink, occasional
social drinking [illegible] a day, Benemid four times
a day. Family [illegible], he had spinal meningitis
and lumbosacral [illegible], diabetes mellitus and hypo-
thyroidism [illegible] y and tonsillectomy and
adenoidectomy [illegible] essentially as presented
in the history [illegible] ination, he was a well-develo
moderately [illegible] conscious, coherent and intel-
ligent. [illegible] ation, pulse 88 and
[illegible] head, eyes, ears, nose and
[illegible] clear, pupils reacti
[illegible] changes and they also
[illegible] Uvula and soft
[illegible] left side. Neck - JVP not distended;
[illegible] e. thyroid barely palpable. T
[illegible] e; Heart revealed PMI impossible
[illegible] Heart sounds qu
[illegible] 8 per minute. Heart sounds p
[illegible] s fairly obese, bowel sounds p
[illegible] Rectal normal, boggy pros
[illegible] system normal, peripheral ve
[illegible] examination revealed left l
[illegible] sense on the left. Motor sys
[illegible] normal. Gait and speech nor
[illegible] the skin reveals a few multip
[illegible] and around the neck. The var
[illegible] the urinalysis - col
[illegible] albumin, sugar, acetone
[illegible] cells. Culture and sensit
[illegible] examination revealed 10 to 1
[illegible] sensitivity revealed colony
[illegible] not enterococci. Wh
[illegible] hemoglobin 15.2, red blood cel
[illegible] later it fell to 4.2%. PBI w
[illegible] treatment with Allopurinol
[illegible] Urine examination, Cli
[illegible] tive. differential showed neutrophiles 56
[illegible] platelets 204,000. Electroly
[illegible] calcium 9.7, phosphorus 3.7
[illegible] creatinine 1.0, alkaline p
[illegible]

(reverse side)

REGISTER NO

REPORT ON ______ OF CONTINUATION

Standard Form 507
507-104

SGOT 48, SGPT 33 [illegible] 11.8 patient, control 11.5 seconds. PTT 33.2 seconds. [illegible] the stool was negative.

As the patient [illegible] multiple complaints, many consultations were sought [illegible] electrocardiogram revealed normal sinus rhythm. [illegible] studies done revealed curvature of the spine and [illegible] of the vertebrae appeared within normal limits. [illegible] outlined. Oral cholecystogram was negative. [illegible] lumbar spine - the films were difficul to interpret. No [illegible] abdominal film within normal limits. Chest was negative [illegible] studies included thyroid uptake [illegible] 24 hours 16% [illegible] .8 mg.% (euthyroid range 5.0 to 13.7 mg. %. [illegible] to be of normal shape with an even distribution [illegible] there was minimal evidence of denervation of the [illegible] and gastrocnemius muscles. Dermatology consult [illegible] patient had freckles and nevi over the body and [illegible] are benign. Metabolic and endocrine consultation evaluated [illegible] the thyroid studies - were within normal limits [illegible] the diabetes which was treated DBI and was well [illegible] for his left lower extremity and back pain was [illegible] due to nerve root deficit at the level of L-5 [illegible] due to exogenous obesity; diabetes mellitus; hypothyr[illegible] and gout [illegible] responsible for this also. The consideration for HNP [illegible] with other metabolic disorder was considered. [illegible] service for his hearing problem on the left side which [illegible] had an episode of epistaxis while on the floor and [illegible] service and there was no bleeding while seen. Other tests [illegible] test, but the patient refused to [illegible] left the hospital before those tests could be done. [illegible] evaluate his hearing problem was within normal limits. Skin [illegible] lesion of back was reported as showing lentigo. For his thyroid, [illegible] grams by mouth twice a day and for his diabetes, diabetic diet. The patient was seen by Nuclear Medicine and their consultation was not returned at [illegible] this will be sent when it is finalized.

Exposure [illegible] fourth or fourth detonation in the [illegible] use that I would set up by radio, [illegible] ship at sea. However, [illegible] think it a good idea to run the [illegible] of so many delays already due to [illegible] me. I was promised evacuation [illegible] time left before 6:00 p.m. departure [illegible] departed about 3:00 p.m. without [illegible] the copters that were flying [illegible] the bomb. Sometime around midnight [illegible] after releasing the copters and [illegible] with the copters etc., etc. and [illegible] from ground "0" with a 15 megat[illegible] totally "souped up" to produce [illegible] three times or almost 50 megatons. [illegible] were all told what to expect and [illegible] ships were close by and we would [illegible]

Shot goes off [illegible] taken. We are all shook up [illegible] 5 a.m. the door is opened and we [illegible] give clothing and I have on "T" shirt [illegible] khaki bermudas and GI shoes. [illegible] and a pocket dosimeter because I [illegible] as after leaving bunker screens [illegible] fallout is falling and highly radioactive [illegible] rapidly. Before we can get to the [illegible] lighter. We go back in the bunker [illegible] getting a decision for evacuation. [illegible] decide to go to sea so as not to [illegible] About 9:00 a.m. no more ship radio [illegible] and thus radio failure

At this time [illegible] the door was pegged at 500 R+, the [illegible] we sought a "cooler" area. We [illegible] about 50 R+.

[illegible] lighter [illegible] the radiation level unknown because [illegible] except one. We were desperate! Estimat[illegible] tions was three to four hours Estimati[illegible] was 18 minutes and cut to 12 minutes [illegible] (9 of us) to see in what order we [illegible] talky-talky to call the ships for 12 minute[illegible] sheet and was 16, we started at 12:00 p.m. [illegible] contacted the ships finally. They sent us [illegible] bunk. We wrapped ourselves with the only [illegible] mummy wrapped each other and fastened [illegible] used our two sheets each and left only eye [illegible] The copters buzzed the bunker on the way [illegible] abandoned two vehicles and

drive to the [illegible] about three minutes at 40 mph so as not to [illegible] a breakdown and become stranded. [illegible] outside at this time. We reached the [illegible] to the ships. It was now about 5:00 p.[illegible] on a large canvas pad. We strip ped on the [illegible] small stateroom and waited for disposal. After [illegible] told to walk over an open grated compartment [illegible] sea and we were salt water show-ered nude and [illegible] ter till we read 0 "gamma". I had no other [illegible] so I re-dressed in my old clothes. I was last to [illegible] after thereafter aboard ship. It took about [illegible] Enjwetok from Bikini. I slept on the first [illegible] topper for my pillow that night. Returned to my [illegible] assignment. On the second day after "0" I [illegible] headache, no appetite, constant headache. Ver[illegible] the third day after 0, I had severe headache [illegible] and blurry vision, feverish and very nauseous [illegible] report for sick call about 3:00 p.m. the [illegible] Corpsman saw me and asked my problem I told him. [illegible] ated. I told him about the sea water shower and [illegible] he advised that I go to the Enjwoetok [illegible] all. I do this.

A check for ga[illegible]
A check for Al[illegible]
A check for Be[illegible] only

They send me t[illegible] and wash and also lose fistfulls of hair. I com[illegible] still hot about 12R. I return to the shower w[illegible] head till I am sore. I now read about 75 R[illegible] and stand under it for a long time, letting the water [illegible] is so sore from scrubbing. Now I come out clear.

After dressing and a short [illegible] there, I feel real good now. No more headache, [illegible] I'm well again. In fact I was pretty hungry [illegible] it was almost 6:00 p.m. I have miraculously re[illegible] all.

About two or thre[illegible] Commander to return to the tanker to retrie[illegible] use they were clearing the island and was [illegible]

Exposure #2 [illegible] weeks later. Upon arrival I find the Bikini [illegible] allowed two hours stay. I take only one hour an[illegible] ll effects this except for queazy feeling [illegible] remembrance) for that day only.

I am wearing [illegible] the time with T shirt and shorts un[illegible] Return to squadron at Eniwetok.

Exposure #3. [illegible] ries I was at Eniwetok working in my [illegible] and (skeleton crew) most people removed [illegible] about 10 men in our group only visable) told [illegible] the beach and lie face down with our [illegible] high and fatigue caps on light and over our [illegible] heat of the fire ball and that fierce [illegible] like a film negative and the air [illegible] this time! This shot was across Eniwetok lagoo[illegible] and we all wore long pants and shirt fat[illegible] Only a few people had protective goggles. I d[illegible] devices were given to anyone either! This [illegible]

Exposure #4. [illegible] ered to go to AEC island in the Eniwetok atoll [illegible] from Eniwetok Air Base. This shot I was a[illegible] 20 to 30K atom bomb. The work area [illegible] They all said no danger. At shot time [illegible] scrambles outside the door and dives for [illegible] and go to the door to look, and [illegible] large object. Finally someone sees [illegible] they yell "get the hell down!" At the sam[illegible] very cloudy overcast day where we were b[illegible] wouldn't shoot. And I guess the weather [illegible] a bright orange ball for a few seconds, [illegible] the heat of the fire ball and this [illegible] cracked like a good size charge of dynamite and [illegible] in an airplane along with my body being pull[illegible] larger because of the rapid under-over pressure [illegible] effects felt at this time. End of series [illegible]

I was station[illegible] months. After return to ZI and being [illegible] impotent for three months. I was getting [illegible] when the spell was broken in September [illegible] for me! I am very noise sensitive, fla[illegible] nervous for a long time after. February 1960 [illegible] April 1961 I h[illegible] and baby girl. No defects or abnormalit es [illegible] 1961. Have not seen since!

About 195[illegible]-195[illegible] [illegible] discolorations on torso only, then arms
neck, face, [illegible] of regained hair on top of head.
Extreme weight [illegible] trol
Voracious app[illegible] sleep (toss and turn to dis-
traction with [illegible]
Heavy water [illegible] on at night - broken sleep.
Extreme loss [illegible]
Light headed[illegible]
Minor memory [illegible]
Swelling of ar[illegible]
Always tired a[illegible]
Occasional ter[illegible]
November 1963 [illegible] roidism and acute gout while
in hospital for [illegible]
Cannot digest [illegible]
August 1964 [illegible] by acute lumbar strain. Loss
of partial use [illegible].
Occasional [illegible] eady tones present.

Weight out of [illegible]
Deterioration [illegible]
Extreme deterio[illegible]
Occasional loss [illegible] steady tones.
Skin discolorat[illegible] and face.
Tiny skin polyp[illegible]
Extreme nervous[illegible]
Return of loud [illegible]
Atrophy of left [illegible]es.
Poor digestion of [illegible]