

HEAD:

BRAIN:

SPINAL CORD:

BONE MARROW:

BONES & JOINTS:

MUSCULATURE:

BACTERIOLOGIC EXAMINATIONS

CHEMICAL EXAMINATIONS

Feet bones were saved for radiochemical detection of yttrium and strontium.

REMARKS

.....
Signature

Blocks of tissue cut 0.5 to 1.0 cm. thick, should be fixed in liberal quantities (10 times the volume of tissue) of neutral 10% formalin. Specimens should be submitted from each organ or structure, regardless of presence of gross lesions.

THE UNIVERSITY OF TENNESSEE

ATOMIC ENERGY COMMISSION

RESTRICTED

AGRICULTURAL RESEARCH PROGRAM

ADDRESS:

VETERINARY NECROPSY PROTOCOL*

PROJECT Special AEC

DATE 10-14-53

CONTRIBUTOR Rust-Turn

IDENTIFICATION

Ovine

?

Female 1 Year

None Species

Reed
712

Sex 702 Age

Hours intervening
between death and
autopsy

Other applicable identification
(Owner's name, color, identi-
fying mark, tag number)

Necropsy Number

CLINICAL DIAGNOSES: - None

NECROPSY DIAGNOSES: - None

CLINICAL ABSTRACT

This animal had been near the atomic test site in Nevada at test time. It had not done well during the past summer.

210

*See suggestions outlined in Veterinary Post Mortem Procedures, published by the Army Institute of Pathology, 1947.

GROSS FINDINGS*

GENERAL: (Weight, condition of cadaver, hair coat, body orifices, scars, wounds, superficial tumors, etc.)

PRIMARY INCISION: (Subcutaneous fat, muscles, peritoneum, position of viscera, body lymph nodes, etc.)

Lymph nodes of the viscera and maxilla were large. (on cut surface they were light grayish pink and moist.

RESPIRATORY SYSTEM: (Larynx trachea, bronchi, lymph nodes, lung, pleura.)

HEART: (Pericardium, epicardium, myocardium, endocardium, valves, coronary vessels.)

AORTA, BLOOD & LYMPH VESSELS:

SPLEEN:

Multiple abscess with much connective tissue septa remaining. Bulk of splenic pulp lost.

*If additional space is required under any particular heading, continue where space is available or append additional sheets.

LIVER: (Gallbladder, bile ducts)

ENDOCRINE GLANDS: (Thyroid, parathyroid, thymus, pituitary, pancreas, adrenals, pineal)

Thyroid not unique.

GASTROINTESTINAL TRACT: (Mouth, tongue, esophagus, stomach, small intestine, cecum, colon, rectum and anus)

URINARY SYSTEM: (Kidneys, ureters, bladder, urethra)

GENITAL SYSTEM: (Testis, epididymis, spermatic cord, prostate, seminal vesicles and bulbo-urethral glands, penis, ovaries, oviducts, uterus, cervix, vagina, vulva)

HEAD:

BRAIN:

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BONE MARROW:

BONES & JOINTS:

MUSCULATURE:

BACTERIOLOGIC EXAMINATIONS

CHEMICAL EXAMINATIONS

Feet bones saved for radiochemical examination for strontium and yttrium.

REMARKS

Signature

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THE UNIVERSITY OF TENNESSEE
ATOMIC ENERGY COMMISSION

Helms

RESTRICTED
AGRICULTURAL RESEARCH PROGRAM

ADDRESS:

VETERINARY NECROPSY PROTOCOL*

PROJECT Special AEC

DATE 10-11-53

CONTRIBUTOR Post-Test

IDENTIFICATION

Cyline

?

Female 1 year

None Species

713

Sex 703 Age

Hours intervening
between death and
autopsy

Other applicable identification
(Owner's name, color, identi-
fying mark, tag number)

Necropsy Number

CLINICAL DIAGNOSES: None

NECROPSY DIAGNOSES: None

CLINICAL ABSTRACT

Animal had been near the atomic test site in Nevada at test time. Had not done well during the past summer.

212

*See suggestions outlined in Veterinary Post Mortem Procedures, published by the Army Institute of Pathology, 1947.

RESTRICTED

GROSS FINDINGS*

GENERAL: (Weight, condition of cadaver, hair coat, body orifices, scars, wounds, superficial tumors, etc.)

Fistulous withers with extensive abscessifications into the subscapular region.

PRIMARY INCISION: (Subcutaneous fat, muscles, peritoneum, position of viscera, body lymph nodes, etc.)

Lymph nodes were swollen, light grey and moist on cut section.

RESPIRATORY SYSTEM: (Larynx trachea, bronchi, lymph nodes, lung, pleura.)

HEART: (Pericardium, epicardium, myocardium, endocardium, valves, coronary vessels.)

AORTA, BLOOD & LYMPH VESSELS:

SPLEEN:

Not unique.

*If additional space is required under any particular heading, continue where space is available or append additional sheets.

LIVER: (Gallbladder, bile ducts)

ENDOCRINE GLANDS: (Thyroid, parathyroid, thymus, pituitary, pancreas, adrenals, pineal)

~~Thyroid not unique~~

GASTROINTESTINAL TRACT: (Mouth, tongue, esophagus, stomach, small intestine, cecum, colon, rectum and anus)

URINARY SYSTEM: (Kidneys, ureters, bladder, urethra)

GENITAL SYSTEM: (Testis, epididymis, spermatic cord, prostate, seminal vesicles and bulbo-urethral glands, penis, ovaries, oviducts, uterus, cervix, vagina, vulva)

HEAD:

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BONE MARROW:

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MUSCULATURE:

BACTERIOLOGIC EXAMINATIONS

CHEMICAL EXAMINATIONS

Feet bones saved for radiochemical examination for strontium and yttrium.

REMARKS

Signature

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THE UNIVERSITY OF TENNESSEE

ATOMIC ENERGY COMMISSION

RESTRICTED

AGRICULTURAL RESEARCH PROGRAM

ADDRESS:

VETERINARY NECROPSY PROTOCOL*

PROJECT Special AEC

DATE 14 October 1953

CONTRIBUTOR East-Texas

IDENTIFICATION

Crane

Female

6 mo.

None

Species

#1

Sex

6/1

Age

Hours intervening
between death and
autopsy

Other applicable identification
(Owner's name, color, identi-
fying mark, tag number)

Necropsy Number

CLINICAL DIAGNOSES:

None

NECROPSY DIAGNOSES:

None

CLINICAL ABSTRACT

Bottle fed "doggie" lamb raised in Cedar City, Utah Valley which had not been out of valley not thought to have been subject to "fall out" from near atomic detona-
tion.

214

*See suggestions outlined in Veterinary Post Mortem Procedures, published by the Army Institute of Pathology, 1947.

GROSS FINDINGS*

GENERAL: (Weight, condition of cadaver, hair coat, body orifices, scars, wounds, superficial tumors, etc.)

PRIMARY INCISION: (Subcutaneous fat, muscles, peritoneum, position of viscera, body lymph nodes, etc.)

Visceral lymph nodes were very large and when sectioned were pinkish gray colored and moist on the cut surface.

RESPIRATORY SYSTEM: (Larynx trachea, bronchi, lymph nodes, lung, pleura.)

HEART: (Pericardium, epicardium, myocardium, endocardium, valves, coronary vessels.)

AORTA, BLOOD & LYMPH VESSELS:

SPLEEN:

Not unique.

*If additional space is required under any particular heading, continue where space is available or append additional sheets.

LIVER: (Gallbladder, bile ducts)

ENDOCRINE GLANDS: (Thyroid, parathyroid, thymus, pituitary, pancreas, adrenals, pineal)

Thyroid was not unique.

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URINARY SYSTEM: (Kidneys, ureters, bladder, urethra)

GENITAL SYSTEM: (Testis, epididymis, spermatic cord, prostate, seminal vesicles and bulbo-urethral glands, penis, ovaries, oviducts, uterus, cervix, vagina, vulva)-

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BACTERIOLOGIC EXAMINATIONS

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REMARKS

Bone of feet saved for radiochemical determination of radiostrontium and radioyttrium.

Signature

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