

Ministry of Agriculture, Fisheries and Food

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VLO 12053B

Your reference M83-6-86

Our reference VLO 12053/86/0978

Date

8 July 1986

PATHOLOGY REPORT

Gross observations: Received in formalin one antelope brain and cervical spinal corrected are no visible lesions.

Microscopic observations:

Medulla (x2): Marked neuronal vacuolation with diffuse spongy change of neuropil

Cerebellum: Marked spongy change of neuropil

Midbrain: Cerebrum: as above.

as above.

DIAGNOSIS: Spongiform encephalopathy

REMARKS:

These changes are consistent with the spongiform encephalopathies of sheep (Scrapie and mule deer (chronic wasting disease). In view of the reported high incidence of disease in small closed flocks of sheep and deer affected with this condition, the disease is potentially of great importance to breeding stock of deer and antelope at Marwell. I will be pleased to discuss possible control strategies if required.

86/7.8/1.1

Pathologist: M Jeffrey