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Your Ref: CH25/003 PD115

Our Ref: PG 58/90

20 August 1990

IN CONFIDENCE

PATHOLOGY REPORT

Gross Observations:

A gross necropsy report is available.
There was no gross major organ pathology.
There were no significant gross observations in fixed brain material.

Microscopic observations:

BRAIN:

- Spongiosis of grey matter throughout major brain areas with greatest intensity in medial geniculate body superior colliculus, corpus striatum.
- Vacuolation of perikarya sparsely represented in dorsal nucleus of the vagus nerve.
- Widespread astrocytic response.

DIAGNOSIS

Spongiform Encephalopathy

REMARKS

The changes are unequivocally those of a scrapie-like encephalopathy. The clinical history of this animal also provides strong supportive evidence of a scrapie-like disease.

The result, albeit confined to one animal in the experimental challenge group is incontrovertible evidence of the transmissibility of BSE to the pig by simultaneous intracerebral, intravenous and intraperitoneal inoculation routes.


Pathologist: G A H Wells

cc Dr T W A Little : Dr B J Shreeve : Mr R Bradley
Mr J W Wilesmith : Mr A C Scott