LITTON BIONETICS, INC.
LBI PROJECT NO. 20771

INDIVIDUAL ANIMAL PATHOLOGY EVALUATION

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| ANIMAL NUMBER: | 338-1 | PM NUMBER: | 78/1517 |
| DOSAGE: | 100 ug/mg | GROUP NUMBER: | High |
| DATE OF DEATH: | 8/21/78 | SPECIES: | M. mulatta |
| DEATH: | Euthanasia | SEX: | Female |
| METHOD OF KILL: | Lethane | | |

GROSS FINDINGS:

Eye lids - somewhat swollen, many eyelashes missing.
Lips - two reddened eroded areas on inner surface of lower lip.
Heart - serous atrophy of epicardial fat, myocardial scar (made at apex).
Lungs and trachea - numerous pneumonyssus lesions; ingesta in bronchi.
Liver - pale firm; bile duct greatly distended; intrahepatic ducts distended; bile, pale green in color and mucoid in consistency.
Gallbladder - shrunken, opaque, wall thickened.
Pancreas - pale.
Colon - numerous adhesions in area of cecum.
Bone marrow - fatty but fat had serous atrophy.
Skin (left thigh) - some loss of hair and excess scurf.
Skin (left hip) - some loss of hair and excess scurf.
Muscle - much hemorrhage in thigh muscle at site of needle puncture.
Lesions - a few petechial hemorrhages beneath peritoneum.

Comment - generalized hair loss and excess scurf. Fingernails elevated by accumulation of cornified material underneath (between nail and nailbed).