DATE: June 19, 1980

SUBJECT: Completed Contractor Studies - Mutagenicity

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TO: Toxicology staff

The following reports have been received in the TDX Branch. These studies were performed by Stanford Research Institute International (SRI) under contract to EPA (HERL/RTP) but have not been evaluated formally here. They are available from Irving Mauer.

1. MICRONECULUS TEST ON ACEPHATE

2. IN VITRO MICROBIOLOGICAL GENOTOXICITY ASSAY OF ACETONITRILE, sec-BUTYLAMINE (2-AB), and sec-BUTYLAMINE (2-AB)H3PO4

3. IN VITRO MICROBIOLOGICAL MUTAGENICITY ASSAYS OF BOTRAN® COAL TAR, BITUMASTIC® COMPONENT A, COMPONENT B, AND BITUMASTIC® COMPONENTS A + B COMBINED

4. MUTAGENESIS STUDIES OF PESTICIDE COMPOUNDS—MOUSE HERITABLE TRANSLOCATON TEST—CAPTAN

5. AN EVALUATION OF MUTAGENIC POTENTIAL OF DIALLATE EMPLOYING THE L5178Y TK+/- MOUSE LYMPHOMA ASSAY

6. MICRONECULUS TEST ON MONOCROTOPHOS

7. AN EVALUATION OF THE EFFECT OF MONOCROTOPHOS ON SISTER CHROMATID EXCHANGE FREQUENCIES IN CULTURED CHINESE HAMSTER OVARY CELLS

8. MICRONECULUS TEST ON ROTENONE

9. AN EVALUATION OF THE EFFECT OF PARATHION-METHYL ON SISTER CHROMATID EXCHANGE FREQUENCIES IN CULTURED CHINESE HAMSTER OVARY CELLS

10. MICRONECULUS TEST ON ROTENONE
11. AN EVALUATION OF MUTAGENIC POTENTIAL OF TRIALLATE EMPLOYING THE L5178Y TK+/- MOUSE ASSAY

12. MICRONUCLEUS TEST ON TRICHLOROPHON