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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

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OFFICE OF
PESTICIDES AND TOXIC SUBSTANCES

MEMORANDUM

Subject: Second Peer Review of Rotenone - Reevaluation Following the
September 7, 1988 Science Advisory Panel Review

From: Roger Gardner, Toxicologist
Review Section 1
Toxicology Branch I (IRS)/HED (TS-769C)

To: William Miller, Product Manager #16
Registration Division (TS-767C)

The Peer Review Committee met on September 29, 1988 to examine the issues raised by the Science Advisory Panel (SAP) with respect to the classification of the carcinogenicity of Rotenone.

A. Individuals in Attendance:

1. Peer Review Committee: (Signatures indicate concurrence with the peer review unless otherwise stated).

Robert Beliles

Robert J. Beliles

William Burnam

Wm. J. Burnam

Marion Copley

Marion Copley

Kerry Dearfield

Kerry Dearfield

Reto Engler

Reto Engler

Theodore M. Farber

Theodore M. Farber

Judith W. Hauswirth

Judith W. Hauswirth

Esther Rinde

Lynnard Slaughter

L. J. Slaughter

Marcia Van Gemert

Marcia Van Gemert

2. Reviewers: (non-panel members responsible for data presentation signatures indicate technical accuracy of panel report).

Roger Gardner (Reviewer)

Roger Gardner

3. Peer Review Members in Absentia: (Committee members who were unable to attend the discussion; signatures indicate concurrence with the overall conclusions of the Committee.)

Diane Beal.

Richard Hill

Richard Levy

Jack Quest

Richard Hill

Richard A. Levy

John A. Quest

B. Material Reviewed:

The SAP response memorandum from the September 7, 1988 meeting was reviewed by the Committee.

C. Considerations:

The Science Advisory Panel (SAP) reviewed the weight-of-the-evidence considerations and classification of the oncogenic potential of Rotenone.

The Panel commented as follows:

...the data on oncogenicity of rotenone does not warrant its classification as a Group D oncogen. The Panel endorses the classification of rotenone in Group E because of lack of evidence of carcinogenicity in life-time studies in rats and mice.

D. Conclusions

The Committee agreed with the classification recommended by the Panel.