To: G. LaRocca  
Product Manager 15  
Registration Division (TS-767)

From: Emil Regelman, Chief (acting)  
Review Section #3  
Exposure Assessment Branch  
Hazard Evaluation Division (TS-769)

Attached, please find the EAB review of...

Reg./File # : 8340-13

Chemical Name: Endosulfan

Type Product : Insecticide

Product Name: Thiodan

Company Name : American Hoechst

Purpose : Aerobic Soil Metabolism Study in response to RS

Action Code(s): 661  
EAB #(s) : 5734

Date Received: 7/2/85  
TAIS Code: 44

Date Completed: OCT 28 1985  
Total Reviewing Time: 2 days

Deferrals to:

Ecological Effects Branch
Residue Chemistry Branch
Toxicology Branch

Reviewer: A. Schlosser
1. **CHEMICAL:** Endosulfan 6, 7, 8, 9, 10-hexachloro-1, 5, 5a, 6, 9, 9a-hexahydro-6, 9-methano -2, 4, 3-benzodioxathiepin-3-oxide

2. **TEST MATERIAL:** Radiolabeled parent compound (alpha plus beta isomers).

3. **STUDY/ACTION TYPE:** Data submitted in response to R S.

4. **STUDY IDENTIFICATION:** Aerobic Soil Metabolism, January 9, 1985
   Accession #256130.

5. **REVIEWED BY:**
   Arthur O. Schlosser
   Chemist
   EAB/HED/OPP
   **Signature:** [Signature]
   **Date:** Oct 25, 1985

6. **APPROVED BY:**
   Emil Regelman
   Chief (acting)
   Review Section #3, EAB/HED/OPP
   **Signature:** [Signature]
   **Date:** Oct 28, 1985

7. **CONCLUSIONS:** The study does not meet guidelines requirements because the test period was not long enough and the analyses of degradation products was not adequate.

8. **RECOMMENDATIONS:** This study cannot be used to fulfill guideline data requirements for endosulfan.

9. **BACKGROUND:** Registrant submitted study to fill R S data gap.

10. **DISCUSSION OF INDIVIDUAL TESTS OR STUDIES:** See Dynamac Task I, Endosulfan Addendum of September 19, 1985.

11. **COMPLETION OF ONE-LINER:** Not done at this time.

12. **CBI APPENDIX:** Study is assumed to be CBI and should be treated as such by the Agency.