REVIEWER

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

JUN 5 1985

OFFICE OF
PESTICIDES AND TOXIC SUBSTANCES

MEMORANDUM

SUBJECT: Review of a developmental toxicology study and a subchronic study with Bladex (Cyanazine)
EPA Reg. No. 201-298
EPA Accession No. 257867 & 257868 Caswell No. 188 C

TO: Robert Taylor, PM #25
Registration Division (TS-767C)

FROM: Quang Q. Bui, Ph.D. Quang Q Bui 5/30/85
Section V, Toxicology Branch
Hazard Evaluation Division (TS-769C)

THROUGH: Laurence D. Chitlik, D.A.B.T. 5/31/85
Section Head, Section V
Toxicology Branch/HED (TS-769C)

and

Theodore M. Farber, Ph.D. 6/3/85
Chief, Toxicology Branch
Hazard Evaluation Division (TS-769C)

Registrant:

Shell Oil Company
Washington D.C. 20036

Action Requested:

Expedite request for review of a developmental toxicology study with a post-natal segment (Argus Research Lab.) and a sub-chronic dermal study (Stanford Research Institute) with Bladex (Cyanazine).

RECOMMENDATION

1. It is recommended that the Teratology study with Post-natal investigation in Fischer-344 rats (Argus Research Lab. #619-002) be classified as Core Minimum Data with the following findings:

a. Under the conditions of this study, maternal toxicity was demonstrated at all dosage levels including the lowest dose (Maternal NOEL < 5 mg/kg/day) as characterized by significant body weight depressions and dose-related increases in clinical manifestations during the dosing period.

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