### STREET NUMBER  ### STREET NU	231724	· · · · · · · · · · · · · · · · · · ·			
ECOLOGICAL EFFECTS BRANCH REVIEW DATE: IN 10-7-88 OUT 9EC 6 1988  FILE OR REG. NO. 34704-EUP-RR JEC 6 1988  PETITION OR EXP NO.  DATE OF SUBMISSION 6-2-88  DATE RECEIVED BY HED 10-6-88  RD REQUESTED COMPLETION DATE 1-5-89  EEB ESTIMATED COMPLETION DATE 1-5-89  RD ACTION CODE/TYPE OF REVIEW 761  TYPE PRODUCT(S): I, D, H, F, N, R, S Insecticide  DATA ACCESSION NO(S).  PRODUCT MANAGER NO. W. Miller (16)  PRODUCT NAME(S) UAP 307 (Dyfonate & Phorate)  COMPANY NAME Platte Chemical Company, Inc  SUBMISSION PURPOSE Proposed EUP for use of new granular formulation containing dyfonate and phorate potatoes  Shaughnessey Code Chemical and Formulation & A.I.  41701 dyfonate Back to the second and phorate to the second and p	RECORD NUMBER	•			•
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	10-7-88 OUT OEC 6 1988	
FILE OR REG. NO. 34704	-EUP-RE	
PETITION OR EXP NO.		
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TYPE PRODUCT(S): I, D, H	H, F, N, R, S <u>Insecticide</u>	+
DATA ACCESSION NO(S)		
PRODUCT MANAGER NO. W.	Miller (16)	
PRODUCT NAME(S) <u>UAP 307</u>	7 (Dyfonate & Phorate)	
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COMPANY NAME Platte Che	emical Company, Inc	
SUBMISSION PURPOSE	Proposed EUP for use of new gr	anular
	mulation containing dyfonate a	
cor		
Shaughnessey Code	Chemical and Formulation	% A.I.
41701	dyfonate	8
57201	phorate	12



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

**DEC** 6 1995

**MEMORANDUM** 

OFFICE OF PESTICIDES AND TOXIC SUBSTANCES.

SUBJECT:

EUP with UAP 307 (EPA Reg. No. 34704-EUP-RE and RR, Dyfonate and Phorate) for Corn and Potatoes,

Respectively

FROM:

James Akerman, Chief numar . Cuk fw 12.6.81

Ecological Effects Branch

Hazard Evaluation Division (TS-769c)

To:

W. Miller, Product Manager Team (16) Insecticide - Rodenticide Branch Registration Division (TS-767c)

Ecological Effects Branch (EEB) cannot adequately address the hazard of phorate to avian and aquatic species without the data requested in the Ecological Effects chapter (7-27-88) of the phorate Second Round Review for the Registration Standard. The initial ecological effects data, field incidents, and field tests have shown phorate to be sufficiently toxic to require the following additional studies:

- 1. 71-4 Avian Reproduction Upland Gamebird
- 2. 73-3 Estuarine and Marine Shrimp  $LC_{50}$
- 3. 74-4 Fish Early Life Stage and Invertebrate Life Cycle for Both Freshwater and Marine Species
- 4. 74-7 Simulated or Actual Field Testing Aquatic Organisms

Based on this, EEB presumes that phorate is hazardous to avian and aquatic species, and objects to the subject EUPs until the requested data are available for review.

Please call Dennis McLane (557-1993) if there are any further questions.