FROM: Patrick W. Holden, Team Leader  
Ground-Water Team  
Exposure Assessment Branch  
Hazard Evaluation Division (TS-769C)

TO: R. Taylor/Giles; PM 25  
Registration Division (TS-767C)

THRU: Paul F. Schuda, Chief  
Exposure Assessment Branch  
Hazard Evaluation Division (TS-769C)

Shaughnessy No.: 080803  
Date Out of EAB: 3/07/88

Attached, please find the Exposure Assessment Branch review of:

EPA Reg./File #: ____________________________

Chemical Name: Atrazine  
Type Product: Herbicide

Company Name: Ciba-Geigy Corp.

Purpose: Report of Ground-Water monitoring data.

Date Received: 02/18/88  Action Code: 405

Date Completed: 2/25/88  FAB#(s): 80441

Monitoring study requested: N/A  Total Reviewing Time: 1h

Monitoring study voluntarily: __________

Deferrals to: N/A  ____ Ecological Effects Branch  
____ Residue Chemistry Branch  
____ Toxicology Branch
1. **Chemical:**

   **Chemical name:** 2-chloro-4-ethylamino-6-isopropyl-amino-1,3,5-triazine
   
   **Common name:** atrazine
   
   **Structure:**
   
   ![Chemical Structure](attachment:structure.png)

2. **Test Material:** N/A

3. **Study/Action Type:**

   Report of findings of metolachlor and atrazine in ground water by Ciba-Geigy Corp.

4. **Study ID:**


5. **Reviewed By:**

   Michael R. Barrett, Chemist
   Ground-Water Team
   EAB/HED

   **Signature:**
   
   **Date:** 3/4/88

6. **Approved By:**

   Patrick Holden, Team Leader
   Ground-Water Team
   EAB/HED

   **Signature:**
   
   **Date:** 3/4/88

7. **Conclusions:**

   a.) Atrazine occurred at 3 mg/L (ppm) in a well near a presumed point source in Wisconsin.

   b.) Atrazine occurred at 4.8 ppb in a municipal well in Champaign, Illinois; the source of atrazine has not been confirmed.

   c.) Atrazine was found at 170 and 70 ppb, respectively, in July and November, 1987 water samples from a private well near a dairy farm and pesticide handling facility. These levels possibly reflect point source contamination.

8. **Recommendations:**

   These data lend support to our previous recommendation for a large-scale retrospective ground-water monitoring study for atrazine.

9. **Background:** N/A
10. **Discussion:** N/A

11. **Completion of One-Liner:** N/A

12. **CBI Appendix:** N/A
**REGISTRATION DIVISION DATA REVIEW RECORD**

Confidential Business Information — Does Not Contain National Security Information (E.O. 12065)

<table>
<thead>
<tr>
<th>1. CHEMICAL NAME</th>
<th>2. IDENTIFYING NUMBER</th>
<th>3. ACTION CODE</th>
<th>4. ACCESSION NUMBER</th>
<th>5. RECORD NUMBER</th>
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7. DATE RECEIVED (EPA) 2 - 9 - 89

8. STATUTORY DUE DATE

9. PRODUCT MANAGER (PM) Taylor Giles

10. PM TEAM NUMBER 25

11. DATE SENT TO HED/TSS 2-11-88

12. PRIORITY NUMBER

13. PROJECTED RETURN DATE 3-1-88

14. CHECK IF APPLICABLE
   - Public Health/Quarantine
   - Minor Use
   - Substitute Chemical
   - Part of IPM
   - Seasonal Concern
   - Review Requires Less Than 4 Hours

15. INSTRUCTIONS TO REVIEWER
   A. HED
      - Total Assessment - 3(c)(5)
      - Incremental Risk Assessment - 3(c)(7) and/or E.L. Johnson memo of May 12, 1977.
   B. SPRD
      - Send Copy of Form to SPRD PM
      - Chemical Undergoing Active RPAR Review
      - Chemical Undergoing Active Registration Standards Review
   C. BFSD
   D. TSS/RD
   E. Other

   P. INSTRUCTIONS
   Review 4(a)(2) data.
   Alachlor GW findings.
   Reply for RD Records.

16. RELATED ACTIONS

17. 3(c)(11)(D)
   - Use Any or All Available Information
   - Use Only Attached Data
   - Use Only the Attached Data for Formulation and Any or All Available Information on the Technical or Manufacturing Chemical.

18. REVIEWS SENT TO
   - TB
   - EEB
   - EF
   - PL
   - RCB
   - EPD
   - CH
   - BFSD

19. TO TYPE OF REVIEW

<p>| NUMBER OF ACTIONS |</p>
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20. □ Label Submitted with Application Attached

21. □ Confidential Statement of Formula

22. □ Representative Labels Showing Accepted Uses Attached

23. Date Returned to RD (to be completed by HED)

24. Include an Original and 4 (four) Copies of This Completed Form for Each Branch Checked for Review.