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<b>Submitting Organization</b>		
CONFIDENTIAL		
<b>Contractor</b>		
<b>Document Title</b>		
INITIAL SUBMISSION: LETTER FROM [] TO USEPA REPORTING RESULTS IN 4-WEEK WHOLE BODY VAPOR INHALATION STUDY OF [] IN FISCHER 344 RATS, DATED 10/20/2000 (SANITIZED)		
<b>Chemical Category</b>		
CONFIDENTIAL		

A 03

8EHQ-1000-14805

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October 20, 2000

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Document Processing Center (TS-790)  
Office of Toxic Substances  
U.S. Environmental Protection Agency  
401 M Street, SW  
Washington, D.C. 20460  
Attn: 8(e) Coordinator

Company Sanitized

Re: Pentafluorobenzene  
CASRN: 363-72-4

Dear 8(e) Coordinator:

hereby submits the following information under Section 3(e) of the Toxic Substance Control Act. While the submitter does not necessarily believe the information indicates a significant risk of injury to health or the environment, EPA guidance seems to indicate that these effects in laboratory animals should be reported to the Agency.

The test compound was administered to Fischer 344 Rats (five/sex/dose level) at 0, 15, 75 and 300 ppm in a 4-week whole body vapor inhalation study. Treatment-related necrosis of individual centrilobular hepatocytes was present in three of five males exposed to 300 ppm, four of five females exposed to 75 ppm and five of five females exposed to 300 ppm. The necrosis was graded as very slight in all affected animals.

Centrilobular hypertrophy was present in four of five males and five of five females exposed to 300 ppm. The centrilobular hypertrophy corresponded to statistically identified increases in absolute and relative liver weights of males and females exposed to 300 ppm. Relative liver weights in males and females given 300 ppm were 21-22% higher than controls.

Questions concerning these findings may be directed to the undersigned.

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