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August 26, 2002

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RETURN RECEIPT REQUESTED

IRIS Submission Desk
c/o ASRC
6301 Ivy Lane, Suite 300
Greenbelt, MD 20770

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2003 JAN 15 AM 11:12

Re: IRIS Submission Inventory for Perfluorooctanoic Acid - Ammonium Salt
(CAS No. 3825-26-1)

IRIS Submission Desk:

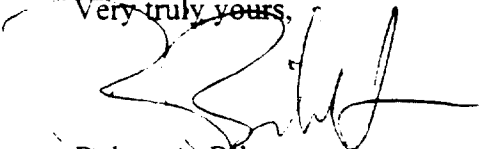
On April 12, 2002, we submitted information to you in connection with the referenced IRIS Submission Inventory, pursuant to a January 9, 2002 notice in the *Federal Register* (627 Fed. Reg. 1214 (Jan. 9, 2002)). We are hereby supplementing our April 12, 2002, submission by referencing the following additional information relating to the chemical at issue, copies of which are available from our files:

1. Keller, Yamanaka, and Thurman, "Inhibition of Mitochondrial Respiration and Oxygen - Dependant Hepatotoxicity By Six Structurally Dissimilar Peroxisomal Proliferating Agents," *Toxicology* 49-61 (1992);
2. Keller, Marsman, et al, "Several Non-Genotoxic Carcinogens Uncouple Mitochondrial Oxidative Phosphorylation," 1102 *Biochemica et Biophysica Acta*. 237-44 (1992);
3. Panaretakis, Shabalina, et al, "Reactive Oxygen Species and Mitochondria Mediate the Induction of Apoptosis in Human Hepatoma HepG2 Cells by the Rodent Peroxisome Proliferator and Hepatocarcinogen, Pefluorooctanoic Acid," 173 *Toxicology and Applied Pharmacology* 56-64 (2001);

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4. Berthiaume and Wallace, "Perfluorooctanoate, Perfluorooctanesulfonate, and N-Ethyl Perfluorooctanesulfonamido Ethanol; Peroxisome Proliferation and Mitochondrial Biogenesis," 129 *Toxicology Letters* 23-32 (2002);
5. Starkov and Wallace, "Structural Determinants of Fluorochemical-Induced Mitochondrial Dysfunction," 66 *Toxicological Sciences* 244-252 (2002);
6. Fosslien, "Review: Mitochondrial Medicine - Molecular Pathology of Defective Oxidative Phosphorylation," 31 *Annals of Clin. & Lab. Sciences* 25-67 (2001);
7. Wallace and Starkov "Mitochondrial Targets of Drug Toxicity," 40 *Annu. Rev. Pharmacol. Toxicol.* 353-88 (2000);
8. Wallace, "Molecular Mechanisms of Perfluorooctanesulfonate Toxicity," (March 2002 SOT Presentation); and
9. Purdy, "Perfluoroalkyl Anions: The Case for Aggregation to Develop SARs and Assess Risk," (Nov. 2001 SETAC Presentation).

Very truly yours,


Robert A. Bilott

RAB/jrt

cc: R. Edison Hill, Esq.
Larry A. Winter, Esq.
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Jennifer Seed (USEPA)

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