



PLAINTIFF'S EXHIBIT

FD-1937

Inter Office

Personnel and Organization Staff

January 20, 1983

Mr. C. H. Roeske, Supervisor
Personnel and Organization
Scientific Laboratory

cc S. P. Pant, M.D.
R. M. Quarles

Subject: Medical Restrictions - M. Paputa Peck

As you requested, an industrial hygiene evaluation was made of the work area of salaried employee M. Paputa Peck on January 18, 1983. Ms. Peck is an analytical chemist operating gas chromatographs in the Chemical Analysis Research Laboratory at the Glendale facility. Ms. Peck recently had an ovarian growth removed, and the Company has been requested by her physician to assure Ms. Peck avoids exposure to carcinogens, mutagens, and teratogens.

The laboratory is equipped to handle carcinogens and other toxic chemicals. Local exhaust and general ventilation in the laboratory is adequate, and storage and handling procedures for chemicals appear exemplary. We believe that if the following actions are taken, Ms. Peck's physician's request will be satisfied:

- o An inventory of the laboratory to determine how many carcinogens are present. Attached is the latest complete list of chemical carcinogens.
- o Ms. Peck should avoid any contact with the listed carcinogens. Contact is defined as:
 - Preparation of primary standards from neat materials.
 - Direct contact with neat materials during housekeeping or cataloging tasks.
- o If contact with carcinogens cannot be avoided, the materials should be handled in exhaust-ventilated laboratory hoods with appropriate skin protection.

Further, within this laboratory setting, the handling of trace quantities of carcinogens necessary for routine operation of gas chromatographs should not present a significant hazard to Ms. Peck.

H. B. Lick

H. B. Lick, Senior Industrial Hygienist
Industrial Hygiene & Toxicology Department
Employee Health Services

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Attachment

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Environmental Cancer Alert

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CHEMICAL CARCINOGENS

November - December, 1982

Adapted from the National Toxicology Program's Second Annual Report¹

Chemical	Origin/Use	Evidence ²
1. 2-acetylaminofluorene	cancer research	A
2. acrylonitrile	plastics manufacturing	A/H
3. aflatoxins	natural products	A/H
4. 4-aminobiphenyl	rubber antioxidant	A/H
5. amitrole	herbicide	A/H
6. aramite	miticide/antimicrobial agent	A
7. arsenic	in ores/preservatives	A/H
8. asbestos	natural fibrous silicate, insulation	A/H
9. auramine	dye intermediate	A/H
10. benz(a)anthracene	combustion product	A
11. benzene	solvent, chemical manufacturing	A/H
12. benzidine	dye manufacturing	A/H
13. benzo(b or j)fluoranthene	combustion product	A
14. benzo(a)pyrene	combustion product	A
15. beryllium	electrical component manufacture	A/H
16. N,N-bis(2-chloroethyl)-2-naphthylamine	chemotherapeutic agent	A/H
17. bis(chloromethyl)ether	plastics and resins	A/H
18. cadmium	alloys, batteries	A/H
19. carbon tetrachloride	solvent	A/H
20. chlorambucil	chemotherapeutic agent	A/H
21. chloroform	solvent	A
22. chromium	protective coating/pigment	A/H
23. coke oven particulates, vapors, gasses, and tars	combustion products	A/H
24. p-cresidine	dye manufacturing	A
25. cycasin	natural product	A
26. cyclophosphamide	chemotherapeutic agent	A/H
27. 2,4-diaminotoluene	plastic manufacture	A
28. dibenz(a,h)acridine	combustion product	A
29. dibenz(a,i)acridine	combustion product	A
30. dibenz(a,h)anthracene	combustion product	A
31. 7H-dibenzo(c,g)carbazole	combustion product	A
32. dibenzo(a,h)pyrene	combustion product	A
33. dibenzo(a,l)pyrene	combustion product	A
34. 1,2-dibromo-3-chloropropane	soil fumigant	A
35. 1,2-dibromoethane	solvent/gasoline additive	A
36. dichlorobenzidine	dye manufacturing	A/H
37. 1,2-dichloroethane	solvent/fumigant	A
38. diethylstilbestrol	synthetic sex hormone	A/H
39. 4-dimethylaminoazobenzene	dye manufacturing	A
40. dimethylcarbamoyl chloride	chemical manufacturing	A/H
41. dimethyl sulfate	chemical manufacturing	A/H
42. 1,4-dioxane	solvent	A
43. formaldehyde	chemical manufacturing, preservative	A

¹ National Toxicology Program, Second Annual Report on Carcinogens, 268 pp and 4 Appendixes, 1981.

² "A" indicates carcinogenicity demonstrated in experimental animals; "H" indicates epidemiological studies or case reports of car

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CHEMICAL CARCINOGENS

Adapted from the National Toxicology Program's Second Annual Report¹

Chemical	Origin/Use	Evidence ²
44. hematite	iron ore	A/H
45. hydrazobenzene	dye manufacturing	A
46. Indeno(1,2,3-cd)pyrene	combustion product	A
47. Iron-dextran	pharmaceutical	A/H
48. Isopropyl oils	chemical manufacturing	H
49. kepone	pesticide	A
50. lead acetate/lead phosphate	paints, pigments, mordants	A
51. lindane(hexachlorocyclohexane isomers)	pesticides	A/H
52. melphalan	chemotherapeutic agent	A/H
53. mirex	pesticide	A
54. mustard gas	chemical alkylating agent	A/H
55. 2-naphthylamine	dye and rubber manufacturing	A/H
56. nickel	steel/alloy manufacturing	A/H
57. N-nitrosodi-n-butylamine	chemical manufacturing	A
58. N-nitrosodiethanolamine	contaminant, pesticides, solvents, cosmetics, tobacco	A
59. N-nitrosodiethylamine	research chemical/antioxidant	A
60. N-nitrosodimethylamine	antioxidant	A
61. N-nitrosodi-N-propylamine	nitrite-preserved food contaminant	A
62. N-nitroso-N-ethylurea	research chemical	A
63. N-nitroso-N-methylurea	research chemical	A
64. N-nitrosomethylvinylamine	research chemical	A
65. N-nitrosomorpholine	nitroso contaminant	A
66. N-nitrosomornicotine	tobacco/tobacco smoke	A
67. N-nitrosopiperidine	nitrite-preserved food contaminant	A
68. N-nitrosopyrrolidine	nitrite-preserved food contaminant	A
69. N-nitrososarcosine	nitrite-preserved food contaminant	A
70. oxymethyone	synthetic sex hormone	H
71. phenacetin	analgesic	A/H
72. phenazopyridine hydrochloride	analgesic	A
73. phenytoin	pharmaceutical	A/H
74. polychlorinated biphenyls	insulating liquids	A/H
75. procarbazine	chemotherapeutic agent	A
76. beta-propiolactone	plastics manufacturing	A
77. reserpine	tranquillizer	A/H
78. saccharin	sugar substitute	A
79. safrole	natural product	A
80. soots, tars and mineral oils	combustion products	A/H
81. streptozotocin	antibiotic	A
82. 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD)	pesticide contaminant	A/H
83. thorium dioxide	gas mantles, medical diagnostic	H
84. o-toluidine hydrochloride	dye manufacturing	A
85. toxaphene	insecticide	A
86. tris(1-aziridinyl)phosphine sulfide	chemotherapeutic agent	A/H
87. tris(2,3-dibromopropyl)phosphate	flame retardant	A
88. vinyl chloride	plastics manufacturing	A/H

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