

5/31/78

Subject: Carbaryl & adjustment of ADI

From: Peto Engler
Toxicology Branch

To: Mr Ed Gross
Fed. Register Section
and

Frank Sanders PM #12

Petition No: 6E1848

Caswell No: 160

Upon a rereview of the published one year dosing study contained in PP#902, it became clear that the negative results of the plasma and erythrocyte cholinesterase determinations and the "sub-chronic" grading of the one year study are sufficient to require a more stringent safety factor than the 10 fold previously indicated by me in my February 14, 1978 memo. Mr Ed Gross subjected "Incremental Risk Analysis (human hazards) for Carbaryl 0.2% tolerance on sweet potatoes" (This increases the safety factor from 10 to 100 changes ADI to 0.1 mg/kg/day but does not adversely affect the existing tolerances nor the ^{capacity} to establish additional tolerances.

Orbanyf Cairn

25/11

chem

6F0401^{chem} ✓

reproduction data

405 ✓

155 ✓

165 ✓

7E0518 ✓

167 ✓

7F0537 ✓

169 ✓

7F0538 ✓

193 ✓

0F0902 ✓

203 ?

~~2F1220 ✓~~

212 ?

3E1324 ✓

222 ?

228 ?

3F1330 ✓

231 ✓

5E1564 ✓

Rate changed ^{by NEL} rat NEL

236 ✓

6E1781 ? ✓

243 ✓

263 ?

6E1796 ✓

277 ✓

6E1847 ✓ ✓

281 ?

6E1848 ✓

296 ?

7F1878 ✓

302 ✓

7E1935 ✓

311 ✓

7E1974 ✓

313 ?

318 ✓

7H0124

327 ?

329 ✓

333 ✓

337 ✓

368 ✓

377 ✓

last stated
NEL of 200 in rat

387 ✓