Subject: Carbaryl Adjustment of ADI

From: Pete Engler

To: Ed Gross

Federal Register Section

and

Frank Sanders, PM #13

Petition No.: FFE 1848

Concern No.: 160

Upon a review of the published one year feeding study contained in RR#963, 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 in my February 14, 1978 memo to Ed Gross entitled "Incremental Risk Analysis (human hazards) for Carbaryl 0.05% Tolerance on sweet potatoes." This increases the safety factor from 10 to 20/100 changes ADI to 0.1 mg/kg/day but does not adversely affect the existing tolerances nor the need to establish additional tolerances.