DRAFT

LOUIS J. PRIBYL 3/18/92 Comments on the March 18, 1992 Version of the BIOTECHNOLOGY DOCUMENT

-pg.8, line 1- This sentence needs to be completed with something like "...will assist both FDA and the food industry in their attempts to satisfy the..."

-pg.10, line 1- Change the word "undirected mutagenesis" to "random"

mutagenesis".

y-pg.37, lines 23-24- Need BOLD Font for the Section beginning, "VII. Guidance

to industry for foods from new plant varieties."

-> -pg.61, lines 1-16- I can see many other ways that a protein (enzyme) could modify a plant without the protein being toxic, e.g. a protein (enzyme) could modify secondary substrates (non-primary, intended substrates) such that they change the nutritional value of the food. There is also the potential for the newly introduced gene (or gene product) to swamp the plants resources, be they proteins binding to regulatory regions, thereby shutting down other genes (as has occurred when two separate T-DNA have been introduced separately (at different times) into the same plant, Matzke, et al. (1990) Dev Genetics 11:214-223.) While these types of questions are partially addressed in the Metabolic considerations section (pg.72), I think something should be mentioned here also. -pg.76, line 19- Change margins and re-align the paragraphs.

-pg.82, line 7- DELETE "xxx" from this line.

-pg.83, line 8- DELETE "xxx" from the end of this line.

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