

INTEROFFICE MEMORANDUM

Date: 06-Oct-1997 04:25pm
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Subject: Goals for C-8 Exposure

This note is to document the assumptions that went into the goals for C-8 exposure.

Currently the C-8 levels in the most exposed areas average around 0.1 PPB or 20% of the AEL. The blood levels for the people in these areas averages between 2-3 ppm.

The detection limits for C-8 in air is currently 0.01 ppb, and the limit in blood is 0.1 ppm.

In setting the goals of 10% of the AEL I just cut the existing level of 20% of the AEL by 50%. The basis of this is that we are going to reduce C-8 emissions from 50% to 80% (or about 1/2).

The goal to 3% (REALLY SHOULD READ 2%) was determined by us getting down to the detection limit in air. A 10 fold reduction from 0.1 ppb to 0.01 ppb (detection level) would get us to 2% of the AEL. This would in-turn get us near the detection level in blood.

These numbers (actual exposure and blood levels and the relationship between them) are not hard science and should not be interpreted that way. I wanted for us to make a statement and wanted something that we could measure to.

Roger.

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