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TIME-WEIGHTED AVERAGE ANNUAL C-8 CONCENTRATIONS AND
FOR A TYPICAL DAY AT VARIOUS WASHINGTON WORKS LOCATIONS

Attached is information received from the National Climatic Center concerning wind distributions by Pasquill Stability Classes for a typical year in the Parkersburg, West Virginia area. With this weather information along with information sent to you recently regarding Teflon® C-8 emissions, please calculate the following for those areas listed in Table 1:

- Expected time-weighted average annual C-8 ground-level concentration.
- Most likely time-weighted average 8-hour C-8 ground-level concentrations using the prevailing weather conditions.

Joseph G. Loschiavo
Joseph G. Loschiavo

Attachment

JGL/nsw

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There's a world of things we're doing something about

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TABLE I

WASHINGTON WORKS LOCATIONS

<u>BUILDING OR AREA</u>	<u>DISTANCE FROM CENTER OF TFE DRYER EXHAUST STACKS (FT.)</u>	<u>DIRECTION FROM CENTER OF TFE DRYER EXHAUST STACKS</u>
Administrative Bldg. - Bldg. 1	1,150	166°
Cafeteria - Bldg. 5	675	141°
Powerhouse - Bldg. 30	375	108°
Lucite® Office Bldg. - Bldg. 143	1,225	112°
Teflon® Office Bldg. - Bldg. 168	700	248°
Butacite® Office Bldg. - Bldg. 226	850	122°
R & D Bldg. - Bldg. 22	650	200°
Incinerator	2,600	90°
Carr Bldg. - Bldg. 170	675	275°
Nylon Office Bldg. - Bldg. 150	1,200	104°
Delrin® Office Bldg. - Bldg. 200	925	230°
Central Laboratory - Bldg. 3	800	160°
Building 10 - Office Bldg.	200	8°
2000 Ft. North of TFE Stacks	2,000	0°
C & P Bldg. - Bldg. 280	2,300	105°

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