



The Courtland East Building
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Cleveland, OH 44122
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October 7, 1996

VIA FACSIMILE/FEDERAL EXPRESS

Mr. W. Caffey Norman, III
Patton, Boggs & Blow, L.L.P.
2550 M Street, N.W.
Washington, DC 20037
PH: (202) 457-5270

RE: Amendment to: Proposal CL96-0148 to Evaluate 1,2-Dichloroethane with Regard to a Proposed HAP Test Rule

Dear Mr. Norman,

Based on the meetings in Washington, DC with USEPA last week and the conference call between you, Peter Voytek and I, the following scope of work is proposed:

- ChemRisk® will prepare a draft document for submittal to the USEPA on or before October 24, 1996 proposing to fill data gaps for EDC with PBPK modeling.
- Specifically:
 - Model oral study of Daniel *et al.* 1994 to add further support to the acute data base.
 - Model NTP (1991) oral study to fill neurotoxicity data gaps.

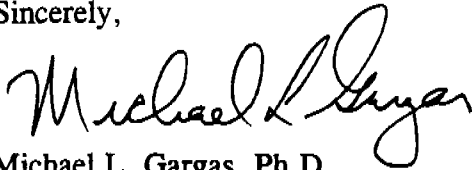
ChemRisk® will provide copies of the draft report to the HAP Task Force by Monday, October 21, 1996 and we require comments back (via FAX) by 3:00 p.m. on October 22, 1996 so we may make changes and meet the October 24, 1996 deadline.

DO 129258
CONFIDENTIAL

The cost to prepare the draft and final PBPK proposal document is \$7285. Please refer to the attached sheets if more detail is necessary.

If this amendment is agreeable, please sign and return one copy of the enclosed Project Authorization Form.

Sincerely,

A handwritten signature in cursive script, appearing to read "Michael L. Gargas".

Michael L. Gargas, Ph.D.
Principal Health Scientist

MLG/rmh

PROJECT AUTHORIZATION FORM

ChemRisk® is hereby authorized to provide professional services as defined in the Proposal CL96-0148 dated August 1, 1996 and the Amendment dated October 7, 1996.

All work will be completed in accordance with the scope of work as defined in that proposal and the McLaren/Hart Contract Terms and Conditions provided earlier.

Time and Materials: \$7285

AUTHORIZATION TO PROCEED:

Name: _____

Title: _____

Representing: _____

Address: _____

Billing
Address: _____

Date: _____

Signature: _____

DO 129260
CONFIDENTIAL

PROPOSAL REFERENCE _____

COMPANY/CLIENT NAME: Petion, Boggs & Blow

PROPOSAL TITLE: EDC

Class	Labor Title	Description	Hours	Bid Rate	Total
21	Principal Health Scientist	Gargas	24	\$184	\$4,416
54	Sr Associate Environmental	Kirman	24	\$95	\$2,280
66	Secretary	Hanchark	8	\$47	\$376
LABOR PRICE					\$7,072

Type	Category	Description	Costs	Markup	Total
Expenses	Materials/Supplies			1.20	
Expenses	Field Equipment			1.10	
Expenses	Travel			1.00	
Expenses	Subcontractor			1.10	
M/H Serv	Communication Charges	3% of Labor Price	\$7,072	0.03	\$213
M/H Serv	MBT Lab Services			1.00	
M/H Serv	Field Services			1.00	
EXPENSES PRICE					\$213

PROJECT PRICE	\$7,285
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Task #	Task Title	Task Budget

PROJECT BUDGET

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