

## Research and Development Project Request

**Project Number:** B625

January 11, 2000

**Project Name:** Technical Review of Scientific Issues

**Project Description:** A broad range of issues, including smoking and health, ETS, and biology-based matters relating to company operations, are of ongoing interest to the Company. New issues relating to the company's products arise continuously. These social, regulatory, and technical issues frequently involve the generation and interpretation of scientific data, and are therefore properly referred to the Research Department. The majority of effort will comprise written analysis. This project draws upon the diverse technical expertise within the Research Department to 1.) maintain and advance awareness of the broad range of issues in smoking and health for interested persons within the company; 2.) provide a technical appraisal of significant new scientific developments in areas of company interest, 3.) prepare technical summaries or other opinions as may be required by other departments or in support of external regulatory needs, and 4.) perform any experimental work required to generate technical data required to address, clarify, or resolve a particular issue.

### Specific Objectives:

1. Complete a manuscript reviewing the technical literature on menthol and smoking typography and submit it for publication in a peer-reviewed journal. (January – April)
2. Maintain an awareness of new developments relating to smoking and health, environmental tobacco smoke, and other biology-related subjects and provide timely reviews of appropriate issues to management. (January – December)
3. Complete an analysis of available literature and the IARC database of mutations in the P53 gene of human lung tumors and prepare a manuscript for submission to a peer-reviewed journal. (January – July)
4. Perform microbiological or other general biological laboratory analyses needed to address technical issues arising in the course of the company's business, and provide genetic toxicology or other biological/toxicological testing services that may be required by other R&D groups in their research projects. (January – December)
5. Review and analyze chemical, analytical, or other scientific elements of emerging and ongoing issues and provide timely reviews to interested persons within or external to the company. When indicated, perform laboratory or field experimentation required to address data gaps. (January – December)

**Priority:** Medium

**Resources:** 1600 hours

83141327

Mr

$$\left( \frac{\text{Projected Total hrs 2000}}{\text{Total hrs 2000}} - \text{65000} \right)$$

$$\text{Proj hrs} - \left( \frac{\text{Project} \times 100}{\text{Project total}} \right) \left( \text{Proj total 2000} - 65000 \right)$$

$$8000 - \left[ \left( \frac{8000}{80000} \times 100 \right) \left( 80000 - 65000 \right) \right]$$

17453

83141328