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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460  
April 18, 1980

OFFICE OF  
RESEARCH AND DEVELOPMENT

SUBJECT: CAG Documentation of Carcinogenicity of Arsenic  
FROM: *Elizabeth L. Anderson*  
Elizabeth L. Anderson, Director  
Office of Health and Environmental Assessment (RD-689)  
TO: Joseph Padgett, Director  
Strategy and Air Standards Division (MD-12)

As requested by Robert Baumaq of your staff, we are providing the documentation of the carcinogenicity of arsenic which you need to support the listing of arsenic as a hazardous air pollutant under Section 112 of the Clean Air Act.

In the Carcinogen Assessment Group's (CAG) Quantitative Risk Assessment on Arsenic, dated November 27, 1978, the CAG clearly states in the introduction (pg. 1) that the epidemiologic evidence that arsenic is a human carcinogen is substantial. As pointed out, this conclusion was based on the evidence discussed in detail in the EPA report entitled "An Assessment of the Health Effects of Arsenic to Germane Low-level Exposure," dated October 1978.

Both of these documents have been reviewed by the Science Advisory Board (SAB) and they fully agreed with this conclusion during their review.

The two documents are currently being rewritten and updated in preparation for re-submission to the SAB in May 1980. The revisions being made do not alter the conclusion that strong epidemiologic evidence exists that arsenic is a human carcinogen.

*Yes, these revised documents may be available within the next week or two - Felt*