

M E M O R A N D U M

PLAINTIFF'S
EXHIBIT

RMC-368

TO: J. R. Amos - G-4-9

From: T. M. McCracken - E-L-2

Copy: E. J. Gates - G-4-8 P. Ratki - G-4-4
N. T. Chaplin - G-4-11
R. Benton - E-L-12

Date: May 27, 1992

Subject: PRIMARY METALS AND RAW MATERIALS DIVISIONS ASBESTOS
REVIEW

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St. Lawrence Reduction

- Survey performed during 1988 by Northwest Envirocon, Inc.
- Abatement monitoring is conducted by Galson Technical Services, Inc.
- One abatement project is underway for \$1,000,000 with total estimated costs to be \$2,000,000.

Longview Reduction

- Survey performed by Northwest Envirocon, Inc.
- Abatement monitoring is conducted by Northwest Envirocon, Inc.
- Abatement costs for 1993 are estimated to be \$700,000.
- Abatement remaining after mid-1993 is North Plant potshells/cradles at \$500,000 for 1994; \$500,000 for 1995; and \$200,000 for 1996, and also \$300,000 estimated for Cryalite Demolition.
- Total estimated costs will be \$7,000,000.

Troutdale Reduction

- Survey performed by Northwest Envirocon, Inc.
- Abatement monitoring is conducted by Northwest Envirocon, Inc.

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- Remaining abatement is a steam line estimated at \$70,000 and the pots in Line 5 at \$60,000, and Lines 1 through 4 at \$51,000 each. Plans are to remove asbestos from pots in the 60-day period between notice to proceed and potline start-up.

Hurricane Creek Alumina

- Survey performed by Northwest Envirocon, Inc.

Note: Surveys were also completed at Jones Mill Reduction, Patterson Reduction, Malvern Cable, Hot Spring Continuous Rolling, Pine Bluff Recycling, Little Rock Recycling, Little Rock Service Center, and Batesville Limestone Mine.

- Abatement monitoring and project management are both being conducted by Northwest Envirocon, Inc.
- Approximately 50% of the estimated \$10,000,000 abatement costs have been completed, with the remaining \$5,000,000 divided equally in 1993 and 1994.

Sherwin Alumina

- A complete survey has not been performed, but an on-going abatement program is underway.
- Abatement monitoring is being conducted by Northwest Envirocon, Inc.
- Without benefit of a plant survey, the rough estimate for completing abatement is \$2,000,000 in the next five to 10 years. Based on the costs at Hurricane Creek, with Hurricane Creek being down and Sherwin operating, the estimate is probably quite a bit low.



T. M. McCracken

TMM0020.92:csu

MEMORANDUM

Sherwin Plant Engineering

TO: T. McCracken
FROM: D. C. Ogle
COPY: G. Browder, F. Newchurch, T. Dunn
SUBJECT: ASBESTOS ABATEMENT
DATE: April 29, 1992

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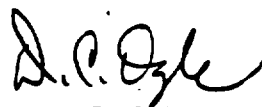
Answers to the questions in your April 20, 1992, memo are as follows:

1. *"Has survey been performed?"* **NO**
2. *"Estimated amount remaining, both monies and planned schedule."*

Without a survey, it is not possible to furnish a definitive answer to this question. A rough estimate would be \$2,000,000 for the next five to 10 years.

3. *"Is third party monitoring assistance used? If so, what Company?"*

Yes - Northwest Envirocon


D. C. Ogle

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