

Outline

I. Introduction

II. History of Hazardous Waste Incineration Hazardous Waste Burning in Cement Kilns

III. Description of MO Facilities (descending order of capacity)

- 1) Holnam/Safety Kleen
- 2) River Cement
- 3) Continental Cement
- 4) Lone Star

IV. Cement Kiln Emissions

Hazardous Waste Burning

Metals

Organics

Acid Gases

Particulates

Tank Storage Emissions

Fugitive Emissions

Upset and Combustion Failure Emissions

CKD piles

V. Statistical Runs: Actual vs. Combustion Emissions Technical Resource Document (CETRED: May 1994)

Actual vs. Maximum Achievable Control Technology (MACT: to be promulgated 2/21/96)

- 1) Lone Star 1995 Test Burn
- 2) Lone Star Certificate of Compliance (CoC: 1992 Test Burn Data)
- 3) River Cement CoC
- 4) Continental CoC
- 5) Holnam/Safety Kleen CoC
- 6) Lone Star CoC vs. 1995 Test Burn
- 7) All kilns vs. CETRED/MACT

VI. Analysis of Waste Codes and Quarterly Reports

- 1) Summary of Quantities, two most recent reporting years
 - Holnam
 - River Cement
 - Continental
 - Lone Star

VII. Conclusion

Problem/Solution Statement

Permits must conform to MACT

Enhanced Public Participation

VIII. Bibliography