Monsanto

FROM (NAME & LOCATION) R. M. Kountz - General Offices

DATE June 23, 1969

SUBJECT Aroclor Incineration

REFERENCE

TO Dr. W. R. Richard

cc: D. C. Armstrong
[redacted]
R. Davis
R. E. Howard
W. A. Kuhn
D. A. Olson
A. F. Pier

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BM.
~~7/17/69~~
8/20/69

~~Ending staff~~

In response to your note of June 3, we can get a sample of combustion products from Thermal Research and Engineering Corporation pilot plant tests. However, let me go further.

The test we had run was done in a laboratory burner which is not arranged for getting gas samples but only to see if a product burns. There was no charge for this test, and it was run in their laboratory at Conshohoken (near Philadelphia), Pennsylvania. Thermal Research and Engineering will run a more extensive test in their pilot plant and provide analyses or we can get gas samples for our analyses; however, they then begin to talk in terms of $500/day charge. We have not committed such a test since Dallas Armstrong's work has shown us the temperature level at which Aroclor is destroyed.

Art Pier has found, while working with incineration vendors and contractors, that many incineration systems are designed to operate at 1,500°F with retention of 0.3 to 0.6 seconds. Thermal Research and Engineering says they design for a temperature in excess of 2,000°F and retention is regulated.

We received notice recently that Mr. Hoffman of the Delaware River plant is negotiating an incineration contract for the plant chlorinated wastes. With Art's encouragement, they have discussed incinerating waste Aroclor. They see no problem, and Jim Bryant has sent them a sample of Aroclor for test.

Bill, I also have questioned the same point you have brought out and feel testing of combustion products will be required; however, depending on when and where we ultimately have our incineration work done should conceivably influence our test work. If all are in agreement that we should proceed with Thermal Research and Engineering, possibly Scott Tucker could attend the test at their laboratory and make the analysis on location which should be more reliable.

Following a meeting on June 13 with Howard Bergen, Bill Kuhn and Paul Hodges, we will be pulling together information to evaluate a potential incineration system installation in the St. Louis area.

R. M. Kountz

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