INDICATE DESIRED SERVICE	DOMESTIC	OVERSEAS
	☐ FULL RATE	☒ FULL RATE
	☐ OVERNIGHT	☐ LETTER
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DATE	TIME
January 19, 1983	3:27 PM
SENDER'S ACCOUNT NO. 43-000-760.52	TWX/TELEX NO.

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N. Kawano - Monsanto Mitsubishi
5260

Ref. PCB Disposal - *VULCANUS*

Sorry for delay in answering your memo, but it arrived late and I have only today been able to have direct conversation with our contact at Waste Management.

In response to your questions:

1. Published news reports indicate that two of three scheduled *VULCANUS* test burns were successful, and there was no need to conduct the third test. Preliminary test results report combustion efficiencies (destruction levels) of about 99.9% or greater. Waste Management feels enough good data is available to issue the permits.

2. Public hearings have not created extremely violent reactions to ocean incineration. The major public reaction is against terminals storing large quantities of material prior to loading the ship.

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3. We have not seen the final test results of the two *VULCANUS* tests as yet. According to Waste Management, the U.S. EPA has announced plans to release this data in early February, 1983.

4. Chemical Waste Management has built a second ocean incinerator ship -- *VULCANUS II* -- in Germany, which was launched in late fall. *VULCANUS II* is now on a test burn in the North Sea before coming to the U.S. in late first quarter, 1983.

5. Final "business permits" or unconditional U.S. EPA incineration permits have not been issued for the *VULCANUS* to our knowledge.

Monsanto's official position is that destruction of PCB's in U.S. EPA approved, high-temperature incineration facilities is the method of choice for PCB disposal in the U.S. It is a safe and economical means to render PCB's environmentally harmless. Ocean incineration facilities approved by U.S. EPA would be considered in the same way since a

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Continuation - Page 3 (N. Kawano - 5260)

properly operating incinerator would give similar destruction results wherever located.

Monsanto did provide some PCB waste material for one of the *VULCANUS* trial burns since these tests were fully sanctioned and monitored by U.S. EPA. If U.S. EPA gives approval to *VULCANUS* or other ocean incineration facilities for PCB disposal, we will consider their utilization on the same basis as other land-based EPA approved facilities.

John H. Craddock - Monsanto General Offices
St. Louis, Missouri
USA

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