

9488.1987(04)

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

CLEAN CLOSURE AND DISPOSAL OF AN INCINERATOR

JUN 12 1987

MEMORANDUM

SUBJECT: "Clean Closed Incinerators"

FROM: Ossi Meyn  
Health Assessment Section

THROUGH: Health Assessment Section

TO: Clara Chow  
Region I

I have studied the closure plan for the incinerator in East Hartford, Region I. The unit has never met performance criteria and was used only for test burns to determine operating parameters. The incinerator is cylindrical with 3" of forced cooling air between the stainless steel outer shell and the steel inner shell and lined with acid resistant refractory lining. The area surrounding the (liquid injection waste) incinerator and storage tanks is paved.

I understand that only the incinerator portion of the waste treatment plant will undergo closure procedure, which includes removal of all residues steam cleaning, and wipe tests (see reference 2). The refractory brick was analyzed for hazardous constituents of the test burns. Samples were taken by scraping the brick using a small putty knife.

I have talked to staff people in the incinerator section and the assistance branch. There have been no inquiries into incinerator closure for at least 18 months. I was told that there are three possible procedures for the disposal of the incinerator:

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-2-

1. It could be clean-closed and left on site.
2. It could be clean-closed and shipped off site to a Subtitle D facility.
3. It could be shipped without further treatment as hazardous waste to another Subtitle C facility.

Clean closure is important if the refractory liner is used in another treatment device or broken up and sent to a Subtitle D facility. The process described looks like clean closure.

#### References

1. Oppelt E. T. (January) 1987 APCA Critical Review: Incinerator of Hazardous Waste DRAFT
2. USEPA 1985 Guide for Decontaminating Buildings, Structures and Equipment at Superfund Sites

cc: Sylvia Lowrance