

**MINIMUM ADDITIVE WASTE STABILIZATION  
(MAWS) PLANT 9**

**DOCUMENT DATE 05-27-92**



Westinghouse  
Environmental Management  
Company of Ohio

PO Box 398704  
Cincinnati, Ohio 45239-8704  
(513) 738 6200

WEMCO:ER:92-299  
May 27, 1992

Mr. R. E. Tiller, Manager  
DOE Field Office, Fernald  
P. O. Box 398705  
Cincinnati, Ohio 45239-8705

Dear Mr. Tiller:

**MINIMUM ADDITIVE WASTE STABILIZATION (MAWS) PLANT 9**

The FEMP has been chosen as the site for the Minimum Additive Waste Stabilization (MAWS) program to demonstrate a system for reduction and stabilization of multiple waste streams. A bench scale system consisting of three elements: 1) water treatment, 2) soil treatment, and 3) vitrification, will use vitrification as the method for stabilization. The immediate responsibility of the FEMP is to provide a suitable location for the equipment.

An 11 member team considered Plants 4, 5, 6, and 9 as alternatives for location of the equipment. The southeast quadrant of Plant 9 was selected based on the quantity of positive aspects and verified by further evaluation by Parsons. The results of the evaluation are documented in the attached report Preliminary Engineering Evaluation Minimum Additive Waste Stabilization. The cost to modify the proposed area is minimal compared to the other locations. The report and addended schedule are provided to form the decisional basis for formal DOE approval to have WEMCO proceed with the planning and engineering functions required to modify the southeast quadrant of Plant 9 for MAWS. Nine copies are attached for distribution to site and headquarters DOE staff as you determine necessary.

I am requesting your concurrence with this proposal by May 28, 1992, if at all possible. If you have any questions, please contact R. F. Gimpel (6112).

Very truly yours,

*J. P. Hopper*  
J. P. Hopper, Manager  
Environmental Restoration

Concurrence by: *R.E. Tiller* *6/1/92*  
R. E. Tiller Date  
*Rw*  
*5-29-92*

RJS:kh

Attachments

R. E. Tiller

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c: wo/attachment

N. K. Akgunduz, Theta  
L. C. Bogar  
D. J. Brettschneider  
D. J. Carr  
D. A. Chew  
J. R. Craig, DOE-FN  
H. Daugherty  
S. J. Dechter  
I. W. Diggs  
L. S. Farmer  
R. L. Gardner  
R. F. Gimpel  
C. L. Griffin  
D. L. Herman  
J. Riesing, DOE-FN  
A. M. Schwartzman  
R. S. Shirley  
R. J. Stocker  
J. J. Volpe  
E. D. Savage  
R. Warner, DOE-FN  
J. E. Wiley

AR coordinator  
ERA project files  
Central files