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**MANHOLE 180 OVERFLOW EVENT - REQUEST
FOR RESPONSE**

06-19-1989

DOE/WMCO

DOE-1185-89

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LETTER

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G-000-201.5



Department of Energy

FMPC Site Office
P.O. Box 398705
Cincinnati, Ohio 45239-8705
(513) 738-6319

Wick

June 19, 1989
DOE-1185-89

Mr. M. B. Boswell, President
Westinghouse Materials Company
of Ohio
P. O. Box 398704
Cincinnati, Ohio 45239-8704

Dear Mr. Boswell:

MANHOLE 180 OVERFLOW EVENT - REQUEST FOR RESPONSE

- References:
- 1) Letter, WMCO:R:89-034, W. A. Weinreich to James A. Reafsnyder, "Notification of Detection of Above Background Concentrations of Uranium in Soils Offsite of the FMPC", dated May 3, 1989.
 - 2) DOE/USEPA Conference Call - June 15, 1989.

It is my understanding that analytical results from actions taken in response to the subject event show uranium and thorium concentrations in offsite soil locations at manholes 180 and 181 which may have resulted from the recent April 4, 1989 overflow event and possibly from similar past events.

DOE believes it is prudent to begin soil excavation on June 19, 1989, as discussed with your staff on June 15, 1989, pending landowner approval. In response to this letter WMCO is requested to take the following actions:

- 1) Determine the extent of soil excavation needed to assure there are no offsite threats to human health or the environment.
- 2) Notify the landowner and tenants in advance of actions to be taken,
- 3) Provide a report to DOE within one week of initiating soil excavation discussing the following:
 - a) the area excavated and levels of contamination found
 - b) the health and safety practices employed
 - c) final disposition of excavated soil
 - d) post-excavation sampling data certifying the area as a non threat

- e) topsoil needed to backfill the area and
- f) actions already taken and to be taken to preclude a recurrence of overflows from manholes along the effluent line.

It is recognized that post-excavation certification sampling results may not be available on June 26, 1989, however schedule(s) for this action should be provided in the report as appropriate.

If you have any questions, please contact Margaret Wilson of my staff at extension 6161.

Sincerely,

Ray Hansen

James A. Reafsnyder
FMPC Site Manager

DP-84:Wilson

- cc: W. R. Bibb, DP-80, ORO
W. A. Weinreich, WMCO
C. R. Conner, WMCO
R. Lenyk, ASI

6/21/89

Concur in plans to replace topsoil

Ray Hansen