

**2970**

**COMMENTS: SOUTH PLUME**

**03/06/92**

**OHEPA/DOE-FN**

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**LETTER**

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State of Ohio Environmental Protection Agency

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George V. Voinovich  
Governor

2970

March 6, 1992

RE: COMMENTS: SOUTH PLUME

Mr. Jack R. Craig  
Project Manager  
U.S. DOE FEMP  
P. O. Box 398705  
Cincinnati, Ohio 45239

Dear Mr. Craig:

Listed below are several comments/questions concerning the plans submitted for the South Plume Removal Action (WBS 1.1.2.4.04.02)

1. The inlets from the force main, along with the 20-inch gravity line to MH 176B should be lowered to match the flow line of the 24-inch outlet pipe if possible. Flow channels for each inlet should be provided. This manhole may need to be made larger to accommodate all the flows tributary to it and allow all inlet pipes to be located on the bottom of the manhole.
2. From a practical point of view, it does not seem logical to have a 20-inch gravity line, a 24-inch force main, and a future 24-inch force main all feeding into a manhole with only a 24-inch outlet. Please elaborate on this arrangement.
3. It seems that MH 176B could be moved to allow for better alignment of the 20-inch sewer inlet to it.
4. Are air relief valves to be provided at high points in the force main?
5. On pages C3 and C8 there is a 60-inch pipe shown running from the plant area, under the IAWW treatment trailers, between the SWRB<sup>S</sup> and then discharges at a headwall structure just outside the fence line. We believe this 60-inch line originates from MH 34 which is supposed to discharge to the SWRB<sup>S</sup>; please elaborate on this arrangement.

Mr. Jack R. Craig  
March 6, 1992  
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If you have any questions about these please contact Matt  
Walbridge or me.

Sincerely,



Graham E. Mitchell  
Project Manager

GEM/bjb

cc: Jennifer Kwasniewski, DERR, CO  
Jim Saric, U.S. EPA  
Lisa August, Geotrans  
Tom Hahne, PRC  
Robert Owen, ODH