



**BP CHEMICALS**

BP Chemicals Inc  
200 Public Square  
Cleveland, Ohio 44114-2375  
(216) 586-4141

December 26, 1990

Mr. John H. Austin  
Chief Regulatory Branch  
Division of Low Level Waste  
Management and Decommissioning  
U.S. NRC  
1 White North  
11555 Rockville Park  
Rockville, MD 20852

Re: BP Chemicals - Lima  
License No: SUB-908  
Docket No: 040-07604

Dear Mr. Austin:

Attached is a report titled Groundwater Transport Modeling for BP Chemicals. This study was requested during a September 18, 1990 meeting with the NRC to supplement and verify the acceptability of our Decommissioning Plans submitted to the NRC on July 30, 1990.

The groundwater modeling was conducted in accordance with NRC guidance. The report documents that the most conservative potential pathway to the public (a well at the site boundary), presents no increase in risk to the health and safety of the public. The committed effective dose equivalent received is less than 0.0001 mrem/yr. This is well below the US NRC limit established for Below Regulatory Concern of 1 mrem/yr exposure to large numbers of the general public.

This groundwater modeling study along with the Decommissioning Plans provide the needed information and verification for the NRC to assess and approve BP Chemicals Decommissioning Plans. BP Chemicals is planning to begin the decommissioning activities during the First Quarter of 1991. We are requesting bids and plan to select a decommissioning contractor by January 31, 1991. To prevent schedule delays and potential scope changes, NRC approval of our Decommissioning Plans is desired as soon as possible.

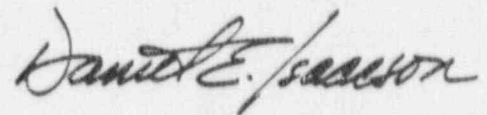
We would like to meet with the NRC in Washington, DC to review and verify the acceptability of the Decommissioning Plans and the Groundwater Modeling Study. A suggested date is January 15, 1991. I'll be in contact with you soon to confirm the meeting date and to address any questions or concerns.

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In the meantime, if you have any questions, please call me at  
(216) 586-4278.

Sincerely,



Daniel E. Isaacson  
Senior Environmental  
Specialist

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Attachment

cc: J. J. Swift  
A. B. Davis