

40-7604



**BP CHEMICALS**

BP Chemicals Inc.  
Ft. Amanda Road  
P.O. Box 628  
Lima, Ohio 45802-0628  
(419) 226-1200

VIA OVERNIGHT MAIL

Mr. Sam Nalluswami  
Low-Level Waste and Decommissioning Projects Branch  
Division of Waste Management  
Office of Nuclear Materials and Safeguards  
United States Nuclear Regulatory Commission  
Two White Flint North  
11545 Rockville Road  
North Bethesda, MD 20852

November 11, 1996

Re: License No. SUB-908  
Docket No. 040-07604

Subject: Mixed Waste Pond Closure Project  
Field Change No. 002

Dear Sir:

In accordance with the mixed waste pond closure project field change approval procedure (BPCI Administrative Procedure AP-02), BP Chemicals, Inc. (BPCI) herewith submits for NRC review proposed Field Change No. 002. This field change revises the transmissivity specification for the geonet to  $1 \times 10^{-4} \text{ m}^2/\text{sec}$  to correspond with the best available geonet available.

Included for your review is Dames & Moore Engineering Change Notice No. BUF-001 and Calculation No. BUF-96-106 in support of the proposed field change.

Included for your review is Dames & Moore Engineering Change Notice No. BUF-002. As-built construction drawings will incorporate the change to textured liner.

The subject proposed field change has also been submitted to Ohio EPA for review. If there are any questions, please give me a call at (419) 226-1299.

Sincerely,

William M. Rupert, PE  
Project Manager

cc: Ed Kulzer, NRC Region 3  
Ruth Vandegrift, Ohio Dept. of Health  
James Ottarson, Ohio EPA

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**BP CHEMICALS, INC.  
MIXED WASTE POND CLOSURE PROJECT**

**FIELD CHANGE REQUEST FORM**

Field Change Number: 002 Date: 9/24/96

Subject: Revise Geonet Transmissivity Requirement

Description: Change transmissivity requirement to  $1 \times 10^{-4} \text{ m}^2/\text{sec}$   
based on properties of available geonet.

Justification: Design will still meet EPA minimum Technology Require-  
ments with new transmissivity when cred: is taken for the  
transmissivity of the adjacent sand layer.

Attachments: Dames & Moore ECN # ME-001 and Calc. # BUF-96-106

Requested by: *Jack Benson* Sevenson 9/20/96  
Signature Company Date

**BPCI Project Approvals**

Dames & Moore *Robert R. Blackburne III RTH* ☒ Yes ☐ No 9-24-96  
Certifying Engineer Signature Approval Date

BPCI Radiation NOT APPLICABLE Yes ☐ No ☐ —  
Safety Officer Signature Approval Date

BPCI HSE NOT APPLICABLE Yes ☐ No ☐ —  
Manager Signature Approval Date

BPCI Project *W. M. R. J.* ☒ Yes ☐ No 11/1/96  
Manager Signature Approval Date

**Regulatory Agency Concurrence**

Ohio EPA — Yes ☐ No ☐  
Concurrence Signature Concur Date

NRC — Yes ☐ No ☐  
Concurrence Signature Concur Date

## Engineering Change Notice



DAMES &amp; MOORE

A DAMES &amp; MOORE GROUP COMPANY

3065 Southwestern Boulevard  
Suite 202  
Orchard Park, NY 14127  
716 675 7130 Tel  
716 675 7137 Fax

Job No: 22007-011-120

ECN No: BUF-001

Date: September 23, 1996

	Drawing Number	Rev. No.	Date	Detail
Affected Drawings:				

	Section	Date	Section	Date
Affected Specifications:	13300/2.1.1.5	3/15/96		

Description of changes (attach additional sheets, drawings and sketches as required):

Revise minimum transmissivity requirement to  $1 \times 10^{-4}$  m<sup>2</sup>/sec.

Reason for change (attach additional sheets if required):

Change in properties of available material. As is indicated by attached calculation no. BUF-96-106, the design will still meet EPS's Minimum Technology Requirements with  $1 \times 10^{-4}$  m<sup>2</sup>/sec transmissivity. Also, with sand and high modulus geotextile, the transmissivity is expected to be higher than manufacturer's guaranteed minimum.

Estimated cost of change: \_\_\_\_\_ (Attach estimate details)

Change initiated by:

Signature

Date

Change approved by:

Signature, Client/Owner

Date

Signature, Engineer of Record

Date

## DRAFTING ROOM ACTION:

Incorporate change: ☐ Immediately ☐ Next Drawing Revision ☐ As Built X Not Req'd.

Documents Revised by:

Signature, Drafter

Date

Revisions approved by:

Engineer of Record

Signature

Date

Attachments: Calculation BUF-96-106