

DED Reed 4/10/97

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

December 12, 1996

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

Subject: Mixed Waste Pond Closure Project
Field Change No. 020

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. 020. This field change proposes an installation specification for imported borrow or re-installation of excavated material to build up clay sub-base for the 3' compacted clay liner. A specification for this sub-base installation is needed to assure that the 3' compacted clay liner can be installed to meet specifications.

Included for your review is Dames & Moore Technical Advisory No. 96-002.

Your concurrence for this proposed field change is requested. This proposed field change has also been submitted to Ohio EPA. If there are any questions, please give me a call at (419) 226-1299.

Sincerely,

William M. Rupert, PE
Project Manager

cc: Ed Kulzer, USNRC Region 3
Jim Ottarson, Ohio EPA
Ruth Vandegriff, ODH

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PDR ADOCK 04007604
C PDR



BP CHEMICALS, INC.
MIXED WASTE POND CLOSURE PROJECT

FIELD CHANGE REQUEST FORM

Field Change Number: 020 Date: 9/23/96

Subject: Backfill Below Bottom of Clay Liner

Description: Provide specification for installation of imported borrow or re-installation of excavated material to build up clay for installation of 3' compacted clay liner.

Justification: Specification required to assure constructibility of 3' compacted clay liner.

Attachments: Dames & Moore Technical Advisory No. 96-002

Requested by: Michael D. Malar Sevenson 9/23/96
Signature Company Date

BPCI Project Approvals

Dames & Moore Robert R. Blichewski Yes No 9/23/96
Certifying Engineer Signature Approval Date

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

BPCI HSE NO APPLICABLE Yes No —
Manager Signature Approval Date

BPCI Project WV RRP Yes No 9/23/96
Manager Signature Approval Date

Regulatory Agency Concurrence

Ohio EPA — Yes No
Concurrence Signature Concur Date

NRC — Yes No
Concurrence Signature Concur Date



DAMES & MOORE

A DAMES & 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**

TA No: **96-002**

Date: **September 23, 1996**

Subject: Requirements for Backfill Placed Below Bottom of Clay Liner Elevation.

Drawing Number	Rev. No.	Date	Detail
Applicable Drawings: DM-006-101-96/Sh 19	1	3/14/96	1,2,3,4 & 5

Section	Date	Section	Date
Applicable Specifications: Q2220/1.5	3/15/96		

The following information is provided to clarify the above referenced documents. This document is not a change order and its implementation will have no affect on the contract price or schedule. (Attach additional pages and documents as needed).

If excavated material or imported borrow is used to build up the level of soil below the base of the 3 feet of compacted clay which forms the bottom of the composite liner, the soil must be placed and compacted in accordance with the requirements for low-permeability backfill with the following exceptions:

1. The gradation requirements of section 1.5.1.b and hydraulic conductivity requirements of section 1.5.1.d are not required.
2. The moisture requirements of section 1.5.2.b are waived.

Proper compaction of these materials is important so that the slopes remain stable during construction and to assure an adequate base upon which to compact the clay liner.

Initiated by:

Signature

Date

Approved by:

Signature, Client/Owner

Date

Signature, Engineer of Record

Date

Attachments: none

cc: Field File
Office File -- BUF
Office File -- CIN
Client -- W. Rupert, BP Chemicals, Lima
Contractor