



BP CHEMICALS

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

40-7604

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. 001

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. 001. This field change will substitute textured 60-mill geomembrane for smooth 60-mill geomembrane for use in construction of the bottom liner for Cell #1. This change is proposed to address the contractor's concern for safety during installation. The approved design calls for 1:2 sidewall slopes. The contractor considers this slope too steep for installers to work on safely with smooth geomembrane.

Included for your review is Dames & Moore Engineering Change Notice No. BUF-002 in support of the proposed field change. 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

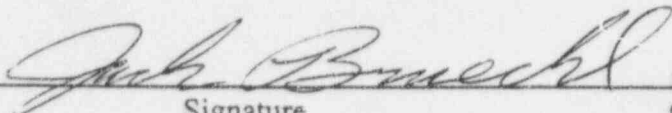
Field Change Number: 001 Date: 9/24/96

Subject: Change from smooth to textured 60-mil geomembrane

Description: Substitute 60-mil textured HDPE liner for 60-mil smooth HDPE liner for both bottom layers of cell #1.

Justification: safety concern of liner installer due to angle of side slopes in cell design.

Attachments: Dames & Moore ECN# BUF-002

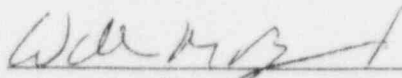
Requested by:  Sevenson 9/20/96
Signature Company Date

BPCI Project Approvals

Dames & Moore Robert R. Blickwehl RET 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  Yes No 9/24/96
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 & 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 ECN No: BUF-002 Date: September 23, 1996

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

	Section	Date	Section	Date
Affected Specifications:	13200/2.1.1.a	3/15/96		

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

Change all 60 mil HDPE to textured and minimum allowable tensile strength at break requirement to 75 lbs/in.

Reason for change (attach additional sheets if required):

Change of material is being made for safety reasons because cell will be constructed in late fall and early winter. The reduction in the minimum strength requirement for a one inch strip is justified because of the variability in the thickness of textured HDPE from point to point. The overall strength of a wider strip is similar to smooth HDPE, therefore there will be no difference in the overall strength of the liner.

Estimated cost of change: N/A material purchase directly by BP (Attach estimate details)

Change initiated by:

Signature: [Signature] Date: 9/23/96

Change approved by:

Signature, Client/Owner: [Signature] Date: 9/23/96
Signature, Engineer of Record: [Signature] Date: 9/23/96

DRAFTING ROOM ACTION:

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

Documents Revised by:

Signature, Drafter: _____ Date: _____

Revisions approved by:

Engineer of Record: _____ Signature: _____ Date: _____

Attachments: None