(1) ~~CC Neely~~ Nancy Thanks! Clyde

(2) H N Baylor

See Ruthy's note. hels.

have our V$ P$pecs revised issued by ,/87 to meet this RECEIVED
quirement. Please give us your APR 7 1987
plan by H. N. Baylor

BIDE CORPORATION
RING, AND TECHNOLOGY SERVICES
l Engineering
eston, West Virginia

NESS CONFIDENTIAL

ril 6, 1987

S,

Bill Keen will begin conversion activity about 5/1 under direction of Ray Engle & Jim Riffle. We intend to have revisions complete by 10/1/87.

RLA

S. W. Clark
G. B. Elder
R. W. Engle
S. S. Murphree

COPY TO: R. R. Allen
H. N. Baylor
D. J. Dickson
P. D. Franson
P. R. Kavasmaneck
J. G. Keeler
W. G. Lilly, Jr.
B. G. Perry
J. E. Sanders
S. W. Turicchi

FROM: C. C. Neely

SUBJECT: Minutes of Task Group Meeting of March 17, 1987
Phaseout Use of Asbestos-Containing Materials in Work Place
Chemicals and Plastics Group

Following is an Executive Summary of the action/agreements resulting from the subject meeting. The detailed minutes prepared by the responsible Task Group member are attached for those who desire additional information.

Executive Summary

The "heart" of the C&P Group asbestos-usage phaseout program is the requirement that no asbestos-containing products be purchased after January 1, 1989. Consistent with this date, the Task Group agreed last fall when preparing the proposed program that the affected valve, piping, and process vessel Standard Practice documents must be revised to show substitute materials by July 1, 1988, and manpower estimates were made accordingly. However, because of the rapid (and very likely, continuing) reduction of suppliers of asbestos-containing materials due to liability insurance coverage problems, in combination with the desire of key plant personnel to cease using these materials at an early date, the Task Group

PLAINTIFF'S EXHIBIT
UC-2429

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6 Apr 87

TE Martin

$8,000 additional cost

1 man mo labor

2000 ea printing cost (50¢/sheet
6¢/sheet - printing)

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Task Group
Meeting Minutes 17 March 87

- Get LEON
  - Al Walker Spec Chem
  - Gene Shadleford ICD
  - Ty Elgin S&CM
  - Dave Goris Polyolefins
  - Bob Perry - C&P
  - Rich Baldwin - Dist

Get copy of minutes - mfgs Council Mtg

Where will program document be kept SH Manual ←
Operating and maintenance Section ←
Section 8 TO: B G Perry

Plan to put it here

Has this program approval ~~fitting~~ been disseminated.; mfgs Council assumed we would communicate.

⊗ ⊗

Broad communication of Program

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4.1 SH Standard practices in SH Technology Manual
(mandatory)

Keep no. to a minimum

How to treat from a retrofit standpoint

Retrofit - Statement stating that program does not mandate retrofitting asbestos containing materials by Jan 1, 1989.

Lot of techniques available

Location to Chose which:
- Polarized light microscopy — Quick & Dirty — False positives. ← Fast go-no
- Scanning Electron Microscope (SEM) 200/300 per sample

In-house, contractors? not our problem

Large job: Have plenty time

Small job: Time is of essence

Glove and Bag technique

Identify resources within OED

Surveys. Inventory programs have not been completed as yet.

Lot of techniques available

Hierarchy Guideline Document → Recommended Practice ← Criteria?

by end of year — no cost other than Techn Program

Asbestos Abatement Manual (Clem)

GBE people get involved (polarized light scan by RME)?

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Harold Clem reported –

Identification Code for Asbestos-Free Insulation
Tape (good for 5-yr weathering)
Request for Comments – Questionnaire

What as minimum; but not say RM.

Several Techniques available
Recommend plant choose one technique
Would like to know which one selected.

Is it essential for a safe environmental operation

Do not want to put out RP
Location practice ← stick with this

Calvert will provide distribution list to GBE/Clem

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4d

4.2 Weather barrier intact - OK
Economic decision?
Visual deterioration

Friable insulation
Joints?

Does it create an exposure problem?
Calvert says this concern no known.

Std was appropriate when std was written.

→ no action req'd

UCC 015794

5 of

4.3 SH-256 Dec 86
Combines OSHA & EPA

Also add SA-256 as Reference std

Title: Asbestos - Containing Materials vs Insulation
Change name to

Coverage is (and will be) applicable to

Sponsor additional testing; no current test data (0.2)
Seadrift did not find infraction (removing gasket) gasket removal (only cutting's).

Edict
So. Chas - Will not cut any more asbestos gaskets

Need additional test
and Hygeni - Maintenance
Test protocal — 2-3 wks (one month) — communicate to Team
Define kind of data (Joe Neff); Calvert will then request Maint. Mgrs to conduct tests
Some data developed @ T.C. (storage & asbestos)
Storage
Cutting gaskets, cutting packing
Changing out [redacted] gaskets
Changing out [redacted] packing

Fume Hoods
Ceiling Tile
Plaster & Stucco

UCC 015795

6 of

4.4.1 GBE

Insulation - problem has been solved

Gaskets:

Avoid "Reinforced" Teflon

Non asbestos - substitutes

MTI - contract

Test criteria - 6 mos - functional substitutes

#1000 ea/test

GARLOCK - 6 Varieties - Problem

Fire tests - Substitute materials do not pass

Organic fiber & organic filler

Control in a plant! (Freewater

no crash program! - Gaskets

Gaskets - machinery
As asbestos impending from market - substitutes will be engineered/ Opportunistic market. So a problem!

Communicate Current Philosophy relative to asbestos substitutes

TEAM Memo - CCN also WARNING

Packing - no crash program; have safe positions

Some substitutes already in use need training

UCC 015796

7

4.4.2 Rex Engle

Valve Manual } Dispo in packages.
V&P Specs } Cover letter explain why we are doing what we are doing.

July, 1988 Completion date achievable if can keep Riffle on project
Escalate if necessary

SealCo Gasket

PDF-4 Control Document

Alternate budget

4.4.3 CCN

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8 d

4.4.4 SHaron

RFQ's out ; Bids coming in within next two weeks.

GRAFOIL - now N ½ price ; material is available

No work o/s normal scope of work

Gask
- GARLOCK
- DURABLA
- Klinger

Packing
Raybestos Manhattan

Distributors - cannot get Insurance ; going out of business

Supply will be a problem before our Jan 1 '89

Must be in a position to accept substitutes !

275 Packings @ TC 70% asbestos
- materials management
- Larry Calvert will talk to Dick Spencer

Train is moving ; fortunate that approval was obtained. Being forced into

UCC 015798

9f

4.5 Variance Procedure

Exception (permanent)

Copy in minutes

Model operation Safety program – Send me a copy

UCC 015799

10 of

5. Seminars

Focus on How-to part

Don't waste time – @ mgrs ~~&~~ costs

Consider carefully put together document

Don't have all substitutes identified

Raw matl going to vanish

Calvert: Put together flyer

Mailes people - Set up GRAFOIL seminar

Video tape! 1000^{00}/minute

Communication & training

DuPont

Seadrift – me tube

Week July 23

Thurs

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UNION CARBIDE CORPORATION
ENGINEERING, MANUFACTURING, AND TECHNOLOGY SERVICES
Central Engineering
South Charleston, West Virginia

UCC BUSINESS CONFIDENTIAL

March 2, 1987

TO: L. E. Calvert
S. W. Clark
G. B. Elder
R. W. Engle
S. S. Murphree •

COPY TO: P. D. Franson
P. R. Kavasmaneck
W. G. Lilly, Jr.
B. G. Perry
D. L. Runyon
J. E. Sanders
S. W. Turicchi

FROM: C. C. Neely

SUBJECT: Phaseout Use of Asbestos-Containing Materials in Work Place
Chemicals and Plastics Group

Confirming my telephone conversations with you, I am pleased to report that our Vice-President, Mr. B. G. Perry, and the Manufacturing Council have endorsed our proposed program dated 9/29/86 (copy attached for convenient reference). Mr. Sanders has, in turn, requested that we reactivate our Task Group and commence developing plans to implement the program. (See J. E. Sanders' memorandum dated February 19, 1987, copy attached.) I accordingly am pleased that those of you on the original Task Group have expressed willingness to continue your participation. It is also a pleasure to welcome Sharon Murphree as a new member of the Task Group representing the purchasing function. Of course, it is recognized that we each will probably need the assistance of others in order to accomplish our portion of this assignment.

We need to have a meeting soon in order to develop an overall program, schedule, and budget for our activities. I have accordingly arranged for a meeting as follows:

DATE: Tuesday, March 17, 1987

TIME: 8:30 a.m.

PLACE: Building 2000, Room 2505

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A proposed agenda is attached. You will note that, except for the important aspect of obtaining general understanding and acceptance of the program by key plant personnel, the agenda is simply based on the duties delegated listed in our recommended program that are assigned to the Central Engineering Department. Your comments on this proposed agenda are earnestly solicited.

I look forward to a productive first meeting. Please let me know if something comes up that will not allow you to attend.

C. C. Neely

C. C. Neely

CCN:at

Attachments

4707I

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