

FROM: KEVIN ROLAN
ROCKDALE CONSTRUCTION

TO: GARY GRIESBACH
1994 JANUARY 19

REF: SPRAY-ON FIREPROOF COATINGS

GARY,

BACK IN THE MID TO LATE 1980'S, WHEN WE WERE JUST GETTING INTO ASBESTOS "MANAGEMENT", I WAS ASKED TO COMPLETE A SURVEY OF THE SMELTER FOR THE PURPOSE OF LOCATING ASBESTOS CONTAINING MATERIALS. I STARTED THE TASK BY MYSELF, BUT DUE TO TIME CONSTRAINTS, I WAS GIVEN THE ASSISTANCE OF A CONTRACT DRAFTSMAN TO HELP WITH FIELD WORK AND DOCUMENTATION OF THESE LOCATIONS ON A PLANT MAP. THE END RESULT WAS A MARKED UP PLANT MAP WITH LOCATIONS OF ASSUMED ASBESTOS MATERIALS (MOSTLY PIPE INSULATION) WHICH WERE GENERALLY VERIFIED FOR ACM PRIOR TO ABATEMENT. AT THIS TIME, BULK SAMPLES WERE SENT TO AN ACCREDITED LAB OFF SITE, BECAUSE WE DID NOT HAVE ANYONE CERTIFIED TO READ ASBESTOS SAMPLES AT ROCKDALE. SAMPLES WERE NOT DONE ON ALL MATERIALS, OR IN ALL AREAS BECAUSE OF COST AND TIME FACTORS INVOLVED. AGAIN, TESTING WAS MOST OFTEN DONE PRIOR TO ABATEMENT FOR CONFIRMATION OF ACM MATERIALS.

IN ADDITION TO LOCATING AND DOCUMENTING PIPE INSULATION MATERIALS, I TRIED TO LOCATE OTHER FORMS OF ASBESTOS CONTAINING MATERIALS. ONE OF THESE MATERIALS WAS THE SPRAY-ON FIREPROOF COATING (COMMONLY REFERRED TO AS "FLAMASTIC" TYPE FIREPROOFING) USED IN ELECTRICAL CONTROL ROOMS. I DID NOT HAVE SAMPLE TESTING DONE ON ALL OF THE BUILDINGS CONTAINING SPRAY-ON FIREPROOFING, BUT FOR THE SAKE OF SAFETY AND EMPLOYEE PROTECTION, I MADE THE ASSUMPTION THAT THESE WERE ACM MATERIALS. TESTING MAY HAVE BEEN DONE, BUT I DON'T HAVE PROOF. MY REASONING WAS BASED ON INFORMATION OBTAINED FROM INDIVIDUAL ENGINEERS AND DOCUMENTATION LATER RECEIVED ON THE SUBJECT. (SEE ATTACHED LETTER DATED 1990 FEB. 05)

HOWEVER, DUE TO CONSTRUCTION WORK SCHEDULED IN BUILDING 93X, (BUILT AROUND 1980) RECENT TESTING WAS DONE ON THE SPRAY-ON COATING IN THIS BUILDING. THE RESULTS CONFIRM A NON-ASBESTOS MATERIAL. ATTACHED IS A COPY OF THE LAB REPORT DONE BY JIM RICHTER. THIS REPORT CASTS DOUBTS ON THE ASBESTOS CONTENT OF SPRAY-ON COATINGS FOR SOME OF THE OTHER BUILDINGS I HAVE LISTED BELOW. THESE BUILDINGS WERE PREVIOUSLY SUBMITTED TO YOU (AND OTHERS) AS CONTAINING ASBESTOS CONTAINING MATERIALS. I WOULD STRONGLY SUGGEST THAT WE HAVE TESTING DONE IN THESE BUILDINGS TO CLEAR UP ANY UNCERTAINTY, AND THEN IF NEEDED, HAVE THE PROPER LABELING OF THESE AREAS DONE AS REQUIRED.

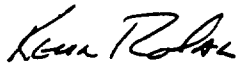
ARD 004532

THESE BUILDINGS ARE AS FOLLOWS:

BUILDING 19X
BUILDING 23F
BUILDING 32X
BUILDING 52X
BUILDING 58X
BUILDING 59X
BUILDING 66X
BUILDING 93X - (SEE ATTACHED REPORT)
BUILDING 160X
BUILDING 161A
BUILDING 161B
BUILDING 162X
BUILDING 163A
BUILDING 163B

PLEASE CALL ME IF YOU HAVE ANY QUESTIONS.

THANK YOU,



KEVIN ROLAN

CC: T.J. HORMUTH
R.N. NARVAEZ
T.E. HODGES
J. RICHTER / R. LINNSTAEDTER

ARD 004533

FROM T. E. HODGES
CHIEF ELECTRICAL ENGINEER
ROCKDALE WORKS

TO SEE DISTRIBUTION

1990 February 05

RE: FLAMASTIC - ELECTRICAL CABLE COATING - 15% ASBESTOS

It has been known since 1988 that all Flamastic cable tray fire retardant coating used at Rockdale Works contains 15 percent asbestos. At that time a policy was adopted for dealing with these installations. This policy is:

- A) Maintenance, Construction and Engineering should be cautious about arbitrarily working in, on or about these cable trays since asbestos fibers could be generated.
- B) Cables should not be removed from these cable trays unless they are not coated and their removal does not disturb other coated cable or they are removed by an asbestos removal contractor using proper procedures.
- C) If flamastic coated cables are being replaced or abandoned they should be cut off at both ends of the cable tray, taped, and marked.
- D) In the past eight years, it has been and continues to be the policy of Rockdale Works not to apply flamastic to new installations.

TEHodges

T. E. HODGES

TEH/ss

distribution:

All Electrical Engineers/Designers
All Mechanical Engineers

R. E. Clark
S. J. Knight
J. D. Leggett
G. H. Lantz
R. E. Green
J. M. Mitchell

~~CONFIDENTIAL~~
A. L. Glaser
C. P. Kouba
J. C. Saxton
G. C. Kraft

Copy To: KR

MM

V.C.

C.H.

G.S.

R.R.

KA

LDG.

Return Original To: TSH

Loonie, Ray

Copy At Next Safety Mtg.

JCH 90/02/07



ARD 004534

ASBESTOS--BULK SAMPLES FOR TESTING IN ALCOA LAB (ROCKDALE)

A) Type of material such as pipe insulation, rope, wall insulation, floor tile, etc. cable tie

B) Source of Sample:

Bldg. No. 93X

Location Within Bldg unk

D) Results To: Don Linville

E) Date/Time Sampled: unk

SAMPLE MUST BE TAKEN BY QUALIFIED, TRAINED PERSONNEL

THE PEOPLE QUALIFIED TO DO THE SAMPLING ARE:
PLEASE CHECK AREA SAMPLE IS FROM AND THE SAMPLER.

☐

**SMELTER
MINES**

unk

J. RICHTER, R. LINNSTAEDTER
J. LOVE, F. GERTHE, F. BURFORD
T. BERRINGER, D. ORSAG

☐

POWER

D. PIERCE, J. MELLOTT, D. STANLEY
D. BURNS, T. BROWN, R. COKER

**SAMPLES MUST BE PLACED IN A SEALED, AIR-TIGHT CONTAINER
AND DELIVERED TO JIM RICHTER OR RONNIE LINNSTAEDTER,
LABORATORY (Bldg 80) (OR DON THOMPSON IN THEIR ABSENCE)**

LAB NO. 019021798

STEREO MICROSCOPE(10X-40X)

GENERAL APPEARANCE tan, pliable mat

POLARIZED LIGHT MICROSCOPY:

DISPERSION STAINING

1.550 CHRYSOTILE _____

LIZARDITE _____

ANTIGORITE _____

OTHER _____

1.605 ANTHOPHYLLITE _____

TREMOLITE _____

ACTINOLITE _____

OTHER _____

1.680 AMOSITE _____

CROCIDOLITE _____

OTHER X

PERCENT ASBESTOS: _____ % _____ % 101 %

COMMENTS: synthetic

ANALYST: JP

DATE: 931019

ARD 004535