



E. I. DU PONT DE NEMOURS & COMPANY
INCORPORATED
CHAMBERS WORKS CONSTRUCTION
ENGINEERING DEPARTMENT

In reply please use subject listed below.

Date: October 18, 1968

C.C.

To: J. L. RICHMOND
WORKS MANAGER
CHAMBERS WORKS

ATTENTION: W. E. NEELD, JR., M.D.

From: L. V. THATCHER
SAFETY ENGINEER

Subject: ASBESTOS WORKERS

RECEIVED

OCT 23 1968

MEDICAL DIVISION

Following is a list of those employees engaged full time in asbestos insulation work. We have no part-time assignments at this moment.

<u>PAYROLL NO.</u>	<u>NAME</u>	<u>A.S.D.</u>	<u>BIRTH DATE</u>
40C0232	Avis, Leonard L.	4/30/65	10/25/36
40C0966	Brown, Jack	5/25/62	6/ 7/26
40C0976	Brownhill, John L.	8/25/60	5/31/22
40C1131	Buyarski, L. S.	4/ 4/47	10/ 1/27
40C1299	Cataldi, Louis A.	7/11/60	10/ 3/34
40C2609	Elam, Robert G.	10/19/57	7/20/33
40C6629	Myako, Anthony	9/14/40	7/22/15
40C8199	Seymour, Richard T.	6/15/62	4/14/37
40C8677	Stalnaker, Howard V.	2/22/42	6/23/20
40C8927	Taggart, John K.	6/03/60	3/19/20
40C9258	Van Meter, Thomas P.	3/26/41	9/13/12

The other names on your list have moved as follows:

40C0332	Taylor, James T.	5/29/37	4/13/94	Deceased
40C0057	Agar, Edward B., Jr.	12/08/61	10/18/27	Engr. Dept.
40C0120	Anderson, B. A.	10/30/58	7/12/30	Engr. Dept.
40C2771	Faramelli, G. W.	4/30/61	9/15/29	Engr. Dept.
40C2789	Farley, George E.	7/15/63	8/14/38	Engr. Dept.
40C7632	Reed, William J.	4/22/60	2/14/24	Engr. Dept.
40C8199	Stafford, Francis L.	2/14/66	9/ 9/37	DuPont-Exper. Station
40C6676	Nelson, C. H., Jr. (Term. 8/15/66)	4/25/64	3/15/32	Unknown Locatio

DUP 1110140

DU 054390

J. C. Breckenridge, Admin. Bldg.

October 17, 1968

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OCT 18 1968
MEDICAL DIVISION

To: W. E. Neeld, Jr., M.D., Medical Division

From: J. P. Patnovic, Maintenance & Construction Division

EMPLOYEES WORKING WITH ASBESTOS

Reference your letter dated October 15, 1968. In accordance with this request, the following list of pipecoverers is submitted.

<u>Name</u>	<u>Number</u>	<u>Service Date</u>
Wilson, B.	96890	6/11/33
Herrman, C.	39616	10/31/34
Kardine, A.	46527	5/18/35
Scarfo, N.	80001	4/11/36
Sherlock, S.	82563	11/7/36
Kendus, M.	47619	4/22/37
Rogers, L.	78180	2/25/39
Zimmerman, H.	99530	4/4/39
Taylor, H.	89250	10/6/39
Kardine, W.	46548	12/14/39
Amalfitano, J.	883	5/27/40
Collins, M.	15730	7/19/40
Clemente, G.	14764	8/12/40
Wolf, F.	97690	4/28/41
LaMotte, I.	50529	6/25/43
Ainis, G.	484	3/19/48
Florich, L.	29116	2/20/51
Wilgus, C.	96110	3/26/51
Stanton, E.	86700	4/8/51
Millison, W.	62406	2/4/53
Marge, D.	56886	8/18/54
Snyder, S.	85524	4/10/55
Chiaccho, E.	13693	4/26/56
Delaney, J.	20880	2/12/57
Sgavicchio, J.	81891	10/22/57
Anderson, B.	1041	10/30/58
Cromer, S.	18208	5/7/59
Nester, J.	66634	6/30/59
Monaco, J. J.	63168	10/8/59
Wilson, H.	96995	5/2/60
Kuczmariski, J.	49820	5/18/60
Richardson, L.	76914	12/6/60
Pope, J.	73520	12/14/60

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<u>Name</u>	<u>Number</u>	<u>Service Date</u>
Faramelli, G.	27365	4/30/61
Cooper, D.	16620	5/8/61
Agar, E.	390	12/8/61
Ibbetson, J.	43740	12/12/62
Reed, W.	76292	5/14/63
Farley, G.	27381	7/15/63
Tanner, R.	89075	3/23/64
Ashby, G.	1740	9/4/64
Nipe, H. R.	67265	12/27/65
Bridges, C.	8512	2/28/66
Forward, E.	29595	4/18/66
Panek, R.	69803	6/13/66

JPP:mms

DUP 1110142

DU 054392



E. I. DU PONT DE NEMOURS & COMPANY
INCORPORATED

INDUSTRIAL AND BIOCHEMICALS DEPARTMENT

Grasselli Plant
Linden, New Jersey
October 28, 1968

C. Anthony D'Alonzo, M.D.
Medical Director
Employee Relations Div.
Wilmington

The following list of names, furnished by our
Mechanical Department, are the employees who are exposed
to asbestos regularly for at least eight hours per month:

Charles Rogoz	-	Insulator
Walter Brooksbank	-	"
John Keats	-	"
Clarence Phillips	-	Helper

J. H. BROWN - PLANT MANAGER

Per: E. A. Jirouch, M.D.
Medical Supervisor

EKV:asd

DUP 1110143

BETTER THINGS FOR BETTER LIVING . . . THROUGH CHEMISTRY

DU 054393

GET 2

CC: B. O. Black
H. O. Henkel
~~R. H. Lamey~~
~~S. A. McGill~~
J. P. Hammonds
H. Smithies
J. C. Leitinger
G. H. Elmer
R. E. Gardner
R. M. Robertson
Acids File

October 19, 1967

TO: G. C. VAN CLEAVE
FROM: M. F. HENNESSEY, JR.

A REVIEW OF INSULATION FOR PROJECTS 9098, 9099 & 9210

"Unibestos", which is the primary insulation used on the current projects, is an inhibited asbestos product. The inhibitor, 20% sodium silicate, is also the binder for the asbestos. It is intended to protect stainless steel from stress corrosion cracking caused by chlorides in a coastal and chemical plant atmosphere. An insulation material, even if chloride free at the time of installation, would not remain so without an inhibitor. The protection mechanism of sodium silicate is based on the anion SiO_3 in an alkaline medium. Acidification gives crystalline silica SiO_2 which is inert and gives no protection. Sodium silicate in water solution has a pH of 10.5.

An insulation primer paint (a thin asphalt) is necessary to penetrate the surface of the insulation approximately one-half inch to act as a binder and sealer to bond the weatherproof mastic and cloth topping. The primer also shields the PVA (polyvinyl acrylic) mastic from attack by the sodium silicate in the insulation.

After the "Unibestos" has been coated with the insulation primer paint, a heavy coat of PVA mastic is applied and a layer of cloth is placed on the mastic and a top coating of PVA mastic is applied.

Causes for Difficulties Encountered in Insulation
in Project 9098 & 9099

The primary problem was water saturation of the "Unibestos" due to incomplete waterproofing. After the insulation was wet the sodium silicate became an electrolyte and the aluminum cover was attacked electrolytically, the aluminum becoming the anode and the steel the cathode. The wet sodium silicate attacked the PVA mastic and left the asbestos cloth without waterproofing, thus allowing more water to enter the insulation.

DUP 0847248

October 19, 1967

The asbestos cloth, used on the tops and bottoms of tanks and vessels, being coarse and heavy, is difficult to bond to the PVA mastic and allows water to enter the insulation.

The insulation primer paint, Code 707, is used as a bonding medium and barrier. This has been brush applied and it is difficult to apply a sufficient quantity to get the desired penetration depth of one-half inch.

The Construction Department has undertaken methods to correct these procedures.

The insulation primer paint is now being spray applied. This insures greater penetration and encourages the mechanics to apply a more uniform and effective coverage.

Glass cloth is being substituted for asbestos cloth. The glass cloth will bond more readily to the PVA mastic and is compatible with "Unibestos" when insulation primer paint is used.

The aluminum and stainless steel metal covering is being "Z" crimped at the vertical seams to prevent windblown water from the insulation.

Flashing protection is also being emphasized.

MFH:vs

DUP 0847249

DU 021151