PLAINTIFF'S EXHIBIT

FD-1410

Ford

Inter Office

Personnel and Organization Staff

August 3, 1981

Mr. J. E. Swihart
Safety Engineer
Canton Forge Plant

cc R. D. Byrom
K. W. Walter

Subject: Asbestos Analysis of Pipe Covering

Results of the asbestos analyses conducted on the 64 pipe covering samples you submitted are attached. A NIOSH asbestos screening test was used. This test is qualitative with a lower detection limit of one percent. The results are expressed as either a definite negative or a presumptive positive.

As can be seen from the attached data, 35 of the 64 samples are presumed positive for asbestos. Based on the observations made during our visit of July 2, 1981, interviews with Canton Forge Plant plant engineering employes, and a review of the sample locations listed, we are reasonably confident of the positive results and do not recommend further confirmative analyses. Given the distribution of sample results and the age of the pipe covering, we believe that a pipe covering removal project should treat all of the pipe covering as asbestos and all asbestos handling precautionary measures specified by OSHA and Company policy should be followed.

H. B Lick

H. B. Lick,
Senior Industrial Hygienist
Industrial Hygiene and Toxicology Dept.
Employe Health Services

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Attachments

CANTON PLT.

PIPE INSULATION SAMPLES

7-21-81

	COL. OR RAY	LOCATION SAMPLE TAKEN FROM	
1	C-43	TOP NORTH LINE	NEG
2	ADM	STEAM VESSEL - BASEMENT STEAM ROOM	NEG
3	ADM	ELBOW - BASEMENT STEAM ROOM	NEG
4	C-43	BOTTOM NORTH PIPE	POS
5	C-43	BOTTOM SOUTH PIPE	POS
6	C-47	NEW HIGH BAY BOTTOM LARGE PIPE	NEG
7	C-47	NEW HIGH BAY TOP LARGE PIPE	NEG
8	C-47	NEW HIGH BAY TOP LARGE PIPE ELBOW	NEG
9		LOCKER ROOM ELBOW	POS
10		LOCKER ROOM NORTH LINE	NEG
11		LOCKER ROOM SOUTH LINE	POS
12		LOCKER ROOM - MAIN STEAM	POS
13	C-43	SECOND FROM BOTTOM - NORTH PIPE	NEG
14	C-43	THIRD FROM BOTTOM - SOUTH PIPE	POS
15	C-43	THIRD FROM BOTTOM - NORTH PIPE	POS
16	D-43	STEAM LINE ABOVE DOOR - NORTH WALL	POS
17	C-39	LARGE LINE - ELBOW	POS
18	C-39	LARGE LINE - PIPE	POS
19	C-39	TOP PIPE	NEG
20	C-39	BOTTOM PIPE	NEG
21	MG #3	STEAM EXTRACTOR	NEG
22	MG #3	STEAM EXTRACTOR PIPING	NEG
23	MG #3	SMALL PIPE NEAR OUTSIDE OF NORTH WALL	NEG
24	MG #3	LARGE PIPE NEAR OUTSIDE OF NORTH WALL	NEG
25	MG #2	PIPE OUTSIDE WEST WALL OF MG #2	NEG
	P.H.	FAN BREECH - SOUTH SIDE OF BOILERS	NEG
	P.H.	SOUTH SIDE OF #1 BOILER	NEG
	P.H.	BOTTOM NORTH STEAM LINE - SOUTH OF BOILERS	POS
1	P.H.	BOTTOM SOUTH STEAM LINE - SOUTH OF BOILERS	POS
2	P.H.	STEAM LINE NORTH OF BOILERS (BETWEEN #2 & #3)	POS
	P.H.	LARGE OVERHEAD STEAM LINE - SOUTH OF BOILERS	POS
3	C-32	EAST VERTICAL LINE	POS
4	C-32	WEST VERTICAL LINE	NEG
5	C-23	LARGEST LINE	POS
6	C-23	TOP LINE	NEG

8005 0630 PQ

PRODUCED BY FORD

PIPE INSULATION SAMPLES

7-21-81

	COLOR RAY	LOCATION SAMPLE TAKEN FROM	
36	C-23	BOTTOM NORTH LINE	POS
37	C-23	TOP LINE	POS
38	C-23	SECOND TO TOP LINE	POS
39	C-24	LARGE LINE - ELBOW	POS
40	C-10	LARGE OLD LINE	POS
41	C-10	LARGE OLD LINE - ELBOW	POS
42	D-1	EAST WALL - NORTH CORNER	POS
43	B-109	SHIPPING DOCK - NORTH LINE	NEG
44	B-109	SHIPPING DOCK - SOUTH LINE	POS
45		SOUTH WALL NEW HEAT TREAT - ELBOW	NEG
46		SOUTH WALL NEW HEAT TREAT - WATER METER	NEG
47	BB-6	ELBOW	NEG
48	BB-6	LINE	NEG
49	AA-7	OVERHEAD LINE (BETWEEN SX & DIP TANKS) WEST LINE	
50	AA-17	OVERHEAD DETERIORATING LINE	NEG
51	B-23	LINE INTO EMP. LOCKERROOM AREA - ELBOW	POS
52	B-25	TOP SOUTH LINE	POS
53	B-25	TOP NORTH LINE	POS
54	B-25	BOTTOM SOUTH LINE	POS
55	B-25	BOTTOM MIDDLE LINE	POS
56	B-25	BOTTOM NORTH LINE	POS
57	B-39	BOTTOM SOUTH LINE	NEG
58	B-39	BOTTOM MIDDLE LINE	NEG
59	B-39	BOTTOM NORTH LINE	POS
60	B-39	TOP NORTH LINE	POS
61	B-39	TOP SOUTH LINE	POS
62	B-45	TRIM DIE REPAIR 6" TOP LINE	NEG
63	B-45	TRIM DIE REPAIR 4" BOTTOM LINE	NEG
64	AA-7	OVERHEAD LINE (BETWEEN SX & DIP TANKS) EAST LINE	P
65			
66		POSITIVE = 35	
67		NEGATIVE = 29	
68			
70			
		8005 0631 PQ	

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