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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

PIPE INSULATION SAMPLES

7-21-01

	COL. OR BAY	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
	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
1	MG #3	STEAM EXTRACTOR	NEG
2	MG #3	STEAM EXTRACTOR PIPING	NEG
3	MG #3	SMALL PIPE NEAR OUTSIDE OF NORTH WALL	NEG
4	MG #3	LARGE PIPE NEAR OUTSIDE OF NORTH WALL	NEG
5	MG #2	PIPE OUTSIDE WEST WALL OF MG #2	NEG
6	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
10	P.H.	BOTTOM SOUTH STEAM LINE - SOUTH OF BOILERS	POS
	P.H.	STEAM LINE NORTH OF BOILERS (BETWEEN #2 & #3)	POS
	P.H.	LARGE OVERHEAD STEAM LINE - SOUTH OF BOILERS	POS
	C-32	EAST VERTICAL LINE	POS
	C-32	WEST VERTICAL LINE	NEG
17	C-23	LARGEST LINE	POS
18	C-23	TOP LINE	NEG

PIPE INSULATION SAMPLES

7-21-87

	COLOR BAY	LOCATION SAMPLE TAKEN FROM	
6	C-23	BOTTOM NORTH LINE	POS
7	C-23	TOP LINE	POS
8	C-23	SECOND TO TOP LINE	POS
9	C-24	LARGE LINE - ELBOW	POS
10	C-10	LARGE OLD LINE	POS
11	C-10	LARGE OLD LINE - ELBOW	POS
2	D-1	EAST WALL - NORTH CORNER	POS
3	B-104	SHIPPING DOCK - NORTH LINE	NEG
4	B-104	SHIPPING DOCK - SOUTH LINE	POS
5		SOUTH WALL NEW HEAT TREAT - ELBOW	NEG
6		SOUTH WALL NEW HEAT TREAT - WATER METER	NEG
7	BB-6	ELBOW	NEG
8	BB-6	LINE	NEG
9	AA-7	OVERHEAD LINE (BETWEEN SX & DIP TANKS) WEST LINE	
10	AA-17	OVERHEAD DETERIORATING LINE	NEG
1	J-23	LINE INTO EMP LOCKERROOM AREA - ELBOW	POS
2	B-25	TOP SOUTH LINE	POS
3	B-25	TOP NORTH LINE	POS
4	B-25	BOTTOM SOUTH LINE	POS
5	B-25	BOTTOM MIDDLE LINE	POS
6	B-25	BOTTOM NORTH LINE	POS
7	B-39	BOTTOM SOUTH LINE	NEG
8	B-39	BOTTOM MIDDLE LINE	NEG
9	B-39	BOTTOM NORTH LINE	POS
10	B-39	TOP NORTH LINE	POS
1	B-39	TOP SOUTH LINE	POS
2	B-15	TRIM DIE REPAIR 6" TOP LINE	NEG
3	B-15	TRIM DIE REPAIR 4" BOTTOM LINE	NEG
4	AA-7	OVERHEAD LINE (BETWEEN SX & DIP TANKS) EAST LINE	
5			
6		POSITIVE = 35	
7		NEGATIVE = 29	
8			
9			
10			