CONFIDENTIAL

Hugh M. Jackson
General Headquarters

July 23, 1971

Re.: Incidence Study, Pneumoconiosis and Pleural Plaques,
Manville - Pinderne

Attached are the data compiled in our Department through review of our records.

Several explanatory notes are necessary:

(1) Most important is the fact that x-ray films themselves were not reviewed. This would be an effort of considerably different magnitude, but it is suggested that this be done by an expert in radiographic diagnosis, as the large peaks in the pneumoconiosis graph would, I'm certain, be eliminated (see #2).

(2) The large peaks in the pneumoconiosis graph in 1952, 1953, 1954, and 1969 correspond nicely to addition of new physician personnel in 1951, 1953 and 1969, as well as the lapse in number of x-ray studies done from 1963 to 1968.

(3) Pleural plaques are tabulated only if they occur without earlier pneumoconiosis. Pleural plaques occurring after pneumoconiosis are not included. When pleural plaques occur simultaneously with, or followed by, pneumoconiosis, they are included in each category within the respective year of diagnosis.

(4) As mentioned above, the data are derived from x-ray reports, often with some interpretation, by me, necessary for making a determination. This is obviously subject to some additional error. Pleural changes of undetermined etiology are not included, though it is certain a good number of these would be diagnosed as asbestosis were the films themselves, work history, etc., considered.

(5) "Length of service" is derived simply from the interval between first J-M hire and year of diagnosis; i.e., layoffs, leaves of absence, etc. are ignored.

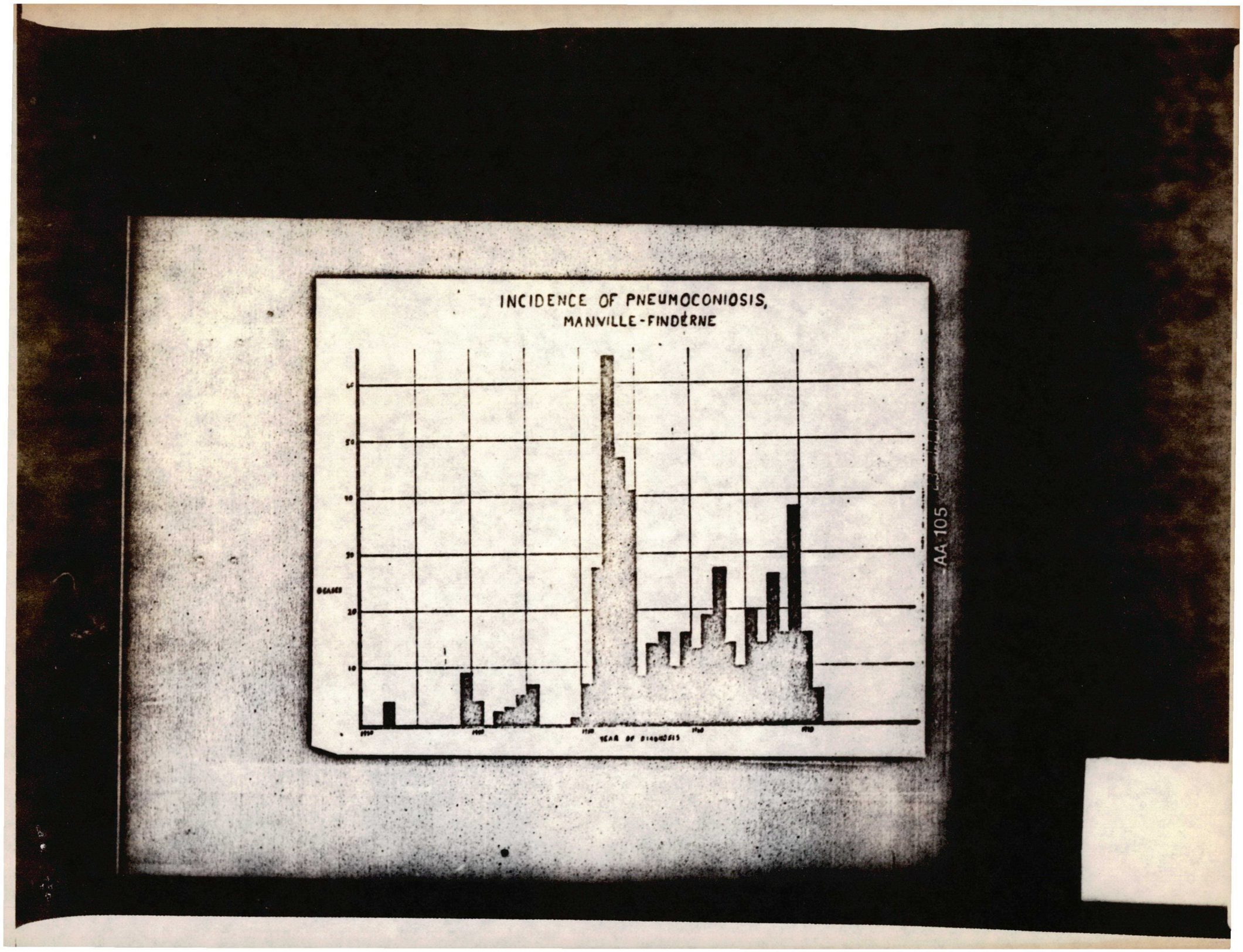
(6) When possible, x-ray changes attributable to non-J-M employment are not included.

R. F. Liss, M.D.
Chief Medical Officer

RFL:th
c.c.: Dr. T. Davison
J. D. Anderson

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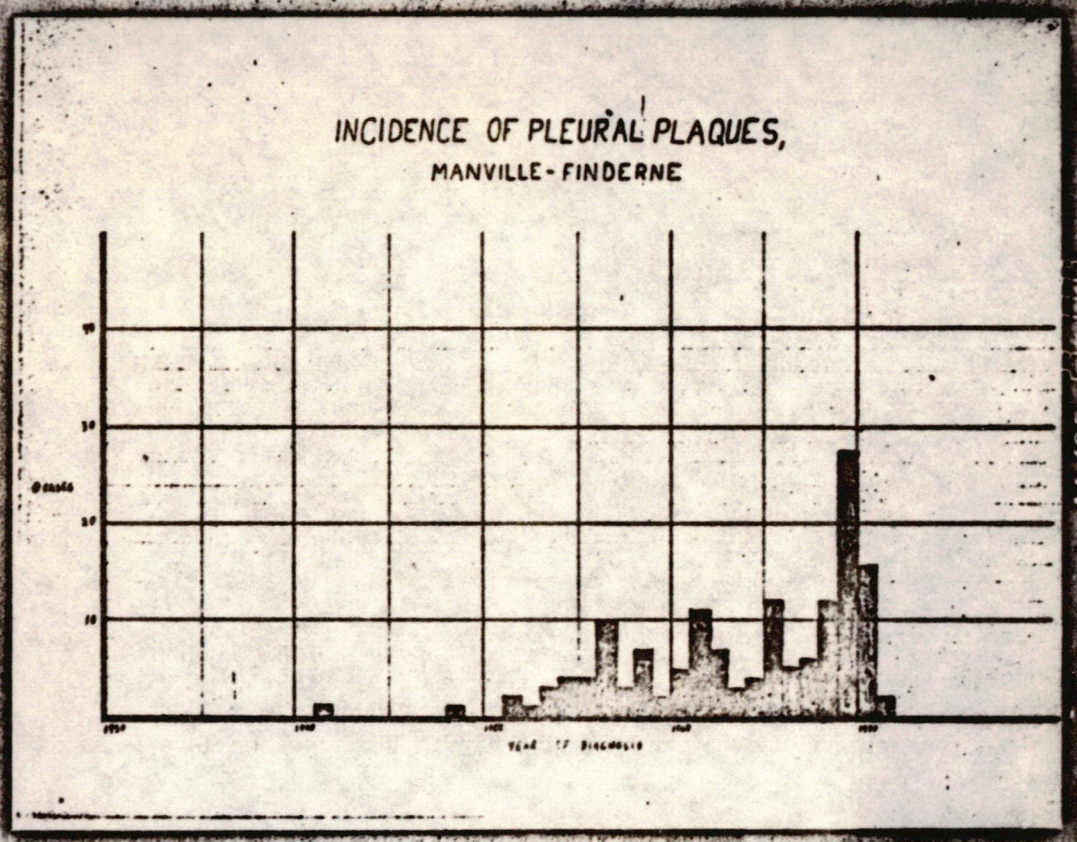
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INCIDENCE OF PNEUMOCONIOSIS, MANVILLE-FINDLAY

Year of Dx	No. Cases	Lengths of Service (yrs.)
1932	4	12(3), 15
33	-	
34	-	
35	-	
36	-	
37	-	
38	-	
39	9	10(3), 11(2), 13, 15, 18, 21
1940	4	3(2), 13, 17
41	-	
42	2	23, 28
43	3	2, 14, 27
44	5	7, 9(2), 22, 34
45	7	4, 5, 8, 18, 22, 25, 36
46	-	
47	-	
48	-	
49	1	30
1950	7	14, 24(2), 30(2), 34(2)
51	27	4(2), 7(2), 8(2), 9(3), 10,11, 12, 14, 16, 21, 22(3), 26, 27, 28(3), 29, 33, 38, 39
52	65	4(2), 6(4), 7, 8, 9, 10(4), 11(4), 12(2), 15(2), 16(5), 17(6), 18, 19(4), 22, 23(4), 24(2), 25(2), 27(2), 28(2), 29(3), 30, 31(3), 32(2), 33, 34(2), 35, 37(2)
53	47	5, 6(3), 7, 10(2), 11(6), 12(3), 13(4), 14, 16(4), 17(2), 18, 20(3), 21, 23, 24, 25(2), 27(2), 28(2), 29, 30, 33, 34, 35, 37, 38
54	41	7(2), 8, 11(4), 12, 13(4), 14(4), 15, 17(4), 18, 19(2), 20, 21, 25, 27, 28(4), 29(2), 30, 32, 33, 34, 35, 37, 39
55	8	9(2), 18, 19, 26, 27, 29, 33
56	14	6, 8, 10, 15, 16, 19(2), 20, 21, 33, 34, 36, 38(2)
57	16	5, 6, 11(3), 16, 21(3), 22, 27, 30(2), 34, 36, 37
58	10	9, 11, 15, 16, 18, 22(2), 28(2), 29
59	16	12(2), 13(2), 14, 18, 19, 20, 23(2), 29, 34, 36, 40, 41, 43
1960	13	9, 12(2), 13, 14, 17, 24, 27, 30, 31(2), 36, 37
61	19	10, 11(2), 15, 18, 19(2), 23, 24, 26, 27, 29, 32, 33, 36, 37(2), 39, 49
62	27	4, 13, 15(3), 16(4), 21(5), 23, 25(2), 26(3), 27, 29, 35, 38, 42, 43, 46
63	14	12, 14, 15, 16, 20, 22(2), 25, 26, 27(2), 28, 34, 41
64	10	13(2), 14, 16, 18, 27, 28, 36(2), 37
65	20	9(2), 15, 16, 17(2), 18, 19(4), 23, 24(3), 26, 29, 30, 31, 38
66	14	11(2), 13, 15, 16(2), 18, 20, 25, 27, 30, 33(2), 43
67	26	14, 15, 20(2), 21(3), 22, 23(2), 24, 26(2), 28(2), 29, 31(2), 34(2), 38, 41(2), 42(2), 46
68	16	12, 15, 17, 18, 20, 22, 23, 25, 27, 28(2), 31, 32, 35(2), 43
69	38	14, 17(4), 22(8), 23(4), 24, 27(3), 28, 29(3), 30, 32, 33(2), 34, 36, 40(4), 41(2), 45
1970	16	15, 16, 20, 23(4), 24(2), 29, 30, 31(2), 33, 34, 42
71	6	17, 18, 20, 21, 24, 29
	505 TOTAL	

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INCIDENCE OF PLEURAL PLAQUES, MANVILLE-PENDENNIS

Year of Dx	No. Cases	Lengths of Service (yrs.)
1932		
33		
34		
35		
36		
37		
38		
39		
1940		
41	1	7
42		
43		
44		
45		
46		
47		
48	1	27
49		
1950		
51	2	18, 26
52	2	26
53	3	9, 13, 17
54	4	28, 30, 34, 35
55	4	29, 31, 32, 41
56	10	9, 20, 23, 26, 32, 33, 34(4)
57	3	35, 43, 45
58	7	14, 19, 22, 30(2), 36(2)
59	2	26, 34
1960	5	23, 27, 30, 31, 37
61	11	12, 14, 15, 24, 25, 26, 28, 36(3), 37
62	7	21, 25, 26(2), 29, 34, 39
63	3	26, 27(2)
64	4	22, 28, 41(2)
65	12	15, 18(2), 19, 23, 25, 26, 31, 34, 36, 37, 42
66	5	19, 24, 27, 29, 33
67	6	7, 20, 26, 27, 31, 39
68	12	20, 22, 23, 26(2), 27, 31, 32, 34, 35, 38, 58
69	27	10, 16, 17, 19, 21(2), 23(2), 24, 27(3), 28(2), 29, 30(2), 32, 33, 34(2), 35(3), 36(2), 41
1970	16	19, 23, 24(2), 28(3), 30(2), 31, 35(3), 38, 39, 45
71	2	40, 42
	148 TOTAL	

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