

TABLE 4H

LATENCY PERIOD OF ASL CASES TABULATED BY YEAR OF FIRST EXPOSURE & SPECIFIC PLANT

YEAR OF FIRST EXPOSURE	SUNDSVALL	BRIGNOUD	ST FONS	BARRY	BURGHAUSEN	NIAGARA	SPLIT
1939							
1940							
1			37				
2							
3			38				
4							
5	27*						
6	31		29			15,23	
7	29						
8			28				
9		26,30					
1950				31			23*
1	19			28		17	
2							
3					25		20
4					21		22*
5					22	21	
6			21				
7					17		
8		18					20
9		16					
1960							
1							
2				18			
3				17			
4	16						
5		11					
6				9			

*MONOMER WORKERS

R&S 103616

TABLE 4C

LATENCY PERIOD OF ASL CASES TABULATED BY YEAR OF FIRST EXPOSURE

MAX POSSIBLE LATENCY PERIOD	YEAR OF FIRST EXPOSURE	LATENCY PERIOD	ARITHMETIC MEAN OF LATENCY PERIODS
43	1939	38*	
42	1940		203 - 33.83
41	1	37, 21, 37	6
40	2	32, 38	
39	3	38, 14, 32	
	4	28, 11, 24, 20, 24, 34	679 - 26.12
	5	27, 22, 28, 29	26
	6	21, 29, 31, 26, 28, 15, 23, 30, 35***	
35	7	29, 24, 29, 28	
34	8	28, 24	
	9	30, 26, 20	391 - 23
	1950	26, 22, 31, 19, 23, 14	17
	1	19, 28, 17, 28	
30	2	21**, 15	
29	3	25, 22, 23, 22, 20	
	4	21, 21, 25, 25, 21, 28***, 22	511 - 20.44
	5	22, 23, 24, 14, 19, 21	25
	6	21, 12	
25	7	19, 17, 15, 13, 16	
24	8	18, 18, 15, 17, 20	
	9	16, 21	328 - 16.4
	1960	13, 18	20
	1	15, 16, 16, 16, 19, 18, 12	
20	2	13, 18, 17, 12	
19	3	16, 17	
	4	16, 17	86 - 14.33
	5	11	6
	6	9	
15	7		
14	8		
	9		
	VIOLA 1970		
	1		
10	2		
9	MALTONI 3		
	GOODRICH 4		
	TOTAL	100	2198 - 21.98 100

* CHOLANGIOSARCOMA

** AEROSOL CAN FILLER

*** US31 and 33 still ALIVE

8 September 1982

R&S 103617

TABLE 4D

LATENCY PERIODS OF ASL CASES TABULATED BY YEAR OF FIRST EXPOSURE AND GEOGRAPHICAL LOCATION

MAX POSSIBLE LATENCY PERIOD	YEAR OF FIRST EXPOSURE	LATENCY PERIODS IN		
		WESTERN EUROPE	NORTH AMERICA	R O W
43	1939		38*	
42	1940			
41	1	37	21,37	
40	2		32,38	
39	3	38	14,32	
	4	28	11,24,20,24,34	
	5	27	22,28,29	
	6	21,29,31	26,28,15,23,30,35***	
35	7	29	24,29,28	
34	8	28	24	
	9	30,26	20	
	1950	26,22,31	19	23,14
	1	19,28	17,28	
30	2	21**	15	
29	3	25,22	23	22,20
	4	21,21,25,25	21,28***	22
	5	22,23,24	14,19,21	
	6	21,12		
25	7	19,17,15,13		16
24	8	18,18	15	17,20
	9	16,21		
	1960	13,18		
	1	15,16,16,16,19,18	12	
20	2	13,18,17	12	
19	3	16,17		
	4	16	17	
	5	11		
	6	9		
15	7			
14	8			
	9			
	VIOLA 1970			
	1			
	2			
	MALTONI 3			
	TOTAL	52	40	8

* CHOLANGISARCOMA

** AEROSOL CAN FILLER

*** US31 and 33 STILL ALIVE

8 September 1982

R&S 103618

TABLE 4E

PLANT	LATENCY PERIODS OF ASL CASES	NO OF CASES	AVERAGE LATENCY PERIOD
LOUISVILLE	12, 14, 15, 19, 19, 20, 24, 28, 28, 28, 29, 29	12	22.08
SHAWINIGAN	11, 12, 14, 21, 22, 23, 24, 24, 26, 28	10	20.5
S CHARLESTON	24, 30, 32, 32, 34, 35, 37, 38, 38	9	33.33
TROISDORF	12, 13, 16, 16, 17, 18, 19, 21, 23, 25	10	18

TABLE 4F

LATENCY PERIOD OF ASL CASES TABULATED BY YEAR OF FIRST EXPOSURE & SPECIFIC PLANT

YEAR OF FIRST EXPOSURE	S CHARLESTON	LOUISVILLE	SHAWINIGAN	TROISDORF
1939	38			
1940				
1	37		21	
2	32,38			
3	32		14	
4	24,34	20	11,24	
5		28,29	22	
6	30,35		26,28	
7		29,28	24	
8		24		
9				
1950		19		
1				
2		15		
3			23	
4		28		21,25
5		14,19		23
6				12
7				13
8				
9				
1960				
1			12	16,16,19,18
2		12		17

R&S 103620

TABLE 4G

PLANT	START-UP DATE	LATENCY PERIOD OF ASL CASES	NO OF CASES	AVERAGE PERIOD
SUNDSVALL	1945	16,19,27,29,31	5	24.5 years
BRIGNOUD	1950	11,16,18,26,30	5	20.2
ST FONS	1939	21,28,29,37,38	5	30.6
BARRY	1948	9,17,18,28,31	5	20.6
BURGHAUSEN	1933	17,21,22,25	4	21.25
NIAGARA	1947	15,17,21,23	4	19
SPLIT	1941	20,20,22,23	4	21.25

R&S 103621

TABLE 4H

LATENCY PERIOD OF ASL CASES TABULATED BY YEAR OF FIRST EXPOSURE & SPECIFIC PLANT

YEAR OF FIRST EXPOSURE	SUNDSVALL	BRIGNOUD	ST FONS	BARRY	BURGHAUSEN	NIAGARA	SPLIT
1939							
1940							
1			37				
2							
3			38				
4							
5	27*						
6	31		29			15,23	
7	29						
8			28				
9		26,30					
1950				31			23*
1	19			28		17	
2							
3					25		20
4					21		22*
5					22	21	
6			21				
7					17		
8		18					20
9		16					
1960							
1							
2				18			
3				17			
4	16						
5		11					
6				9			

*MONOMER WORKERS

TABLE 4C

LATENCY PERIOD OF ASL CASES TABULATED BY YEAR OF FIRST EXPOSURE

MAX POSSIBLE LATENCY PERIOD	YEAR OF FIRST EXPOSURE	LATENCY PERIOD	ARITHMETIC MEAN OF LATENCY PERIODS
43	1939	38*	
42	1940		$\frac{203}{6} = 33.83$
41	1	37, 21, 37	
40	2	32, 38	
39	3	38, 14, 32	
	4	28, 11, 24, 20, 24, 34	$\frac{679}{26} = 26.12$
	5	27, 22, 28, 29	
	6	21, 29, 31, 26, 28, 15, 23, 30, 35***	
35	7	29, 24, 29, 28	
34	8	28, 24	
	9	30, 26, 20	$\frac{391}{17} = 23$
	1950	26, 22, 31, 19, 23, 14	
	1	19, 28, 17, 28	
30	2	21**, 15	
29	3	25, 22, 23, 22, 20	
	4	21, 21, 25, 25, 21, 28***, 22	$\frac{511}{25} = 20.44$
	5	22, 23, 24, 14, 19, 21	
	6	21, 12	
25	7	19, 17, 15, 13, 16	
24	8	18, 18, 15, 17, 20	
	9	16, 21	$\frac{328}{20} = 16.4$
	1960	13, 18	
	1	15, 16, 16, 16, 19, 18, 12	
20	2	13, 18, 17, 12	
19	3	16, 17	
	4	16, 17	$\frac{86}{6} = 14.33$
	5	11	
	6	9	
15	7		
14	8		
	9		
	VIOLA 1970		
	1		
10	2		
9	MALTONI 3		
	GOODRICH 4		
	TOTAL	100	$\frac{2198}{100} = 21.98$

* CHOLANGIOSARCOMA

** AEROSOL CAN FILLER

*** US31 and 33 still ALIVE

8 September 1982

TABLE 4D

LATENCY PERIODS OF ASL CASES TABULATED BY YEAR OF FIRST EXPOSURE AND GEOGRAPHICAL LOCATION

MAX POSSIBLE LATENCY PERIOD	YEAR OF FIRST EXPOSURE	LATENCY PERIODS IN		
		WESTERN EUROPE	NORTH AMERICA	R O W
43	1939		38*	
42	1940			
41	1	37	21,37	
40	2		32,38	
39	3	38	14,32	
	4	28	11,24,20,24,34	
	5	27	22,28,29	
	6	21,29,31	26,28,15,23,30,35***	
35	7	29	24,29,28	
34	8	28	24	
	9	30,26	20	
	1950	26,22,31	19	23,14
	1	19,28	17,28	
30	2	21**	15	
29	3	25,22	23	22,20
	4	21,21,25,25	21,28***	22
	5	22,23,24	14,19,21	
	6	21,12		
25	7	19,17,15,13		16
24	8	18,18	15	17,20
	9	16,21		
	1960	13,18		
	1	15,16,16,16,19,18	12	
20	2	13,18,17	12	
19	3	16,17		
	4	16	17	
	5	11		
	6	9		
15	7			
14	8			
	9			
	VIOLA 1970			
	1			
	2			
	MALTONI 3			
	TOTAL	52	40	8

* CHOLANGISARCOMA

** AEROSOL CAN FILLER

*** US31 and 33 STILL ALIVE

8 September 1982

R&S 103624

TABLE 4E

PLANT	LATENCY PERIODS OF ASL CASES	NO OF CASES	AVERAGE LATENCY PERIOD
LOUISVILLE	12, 14, 15, 19, 19, 20, 24, 28, 28, 28, 29, 29	12	22.08
SHAWINIGAN	11, 12, 14, 21, 22, 23, 24, 24, 26, 28	10	20.5
S CHARLESTON	24, 30, 32, 32, 34, 35, 37, 38, 38	9	33.33
TROISDORF	12, 13, 16, 16, 17, 18, 19, 21, 23, 25	10	18

R&S 103625

TABLE 4F

LATENCY PERIOD OF ASL CASES TABULATED BY YEAR OF FIRST EXPOSURE & SPECIFIC PLANT

YEAR OF FIRST EXPOSURE	S CHARLESTON	LOUISVILLE	SHAWINIGAN	TROISDORF
1939	38			
1940				
1	37		21	
2	32,38			
3	32		14	
4	24,34	20	11,24	
5		28,29	22	
6	30,35		26,28	
7		29,28	24	
8		24		
9				
1950		19		
1				
2		15		
3			23	
4		28		21,25
5		14,19		23
6				12
7				13
8				
9				
1960				
1			12	16,16,19,18
2		12		17

R&S 103626

TABLE 4C

PLANT	START-UP DATE	LATENCY PERIOD OF ASL CASES	NO OF CASES	AVERAGE PERIOD
SUNDSVALL	1945	16,19,27,29,31	5	24.5 years
BRIGNOUD	1950	11,16,18,26,30	5	20.2
ST FONS	1939	21,28,29,37,38	5	30.6
BARRY	1948	9,17,18,28,31	5	20.6
BURGHAUSEN	1933	17,21,22,25	4	21.25
NIAGARA	1947	15,17,21,23	4	19
SPLIT	1941	20,20,22,23	4	21.25

R&S 103627

TABLE 4H

LATENCY PERIOD OF ASL CASES TABULATED BY YEAR OF FIRST EXPOSURE & SPECIFIC PLANT

YEAR OF FIRST EXPOSURE	SUNDSVALL	BRIGNOUD	ST FONS	BARRY	BURGHAUSEN	NIAGARA	SPLIT
1939							
1940							
1			37				
2							
3			38				
4							
5	27*						
6	31		29			15,23	
7	29						
8			28				
9		26,30					
1950				31			23*
1	19			28		17	
2							
3					25		20
4					21		22*
5					22	21	
6			21				
7					17		
8		18					20
9		16					
1960							
1							
2				18			
3				17			
4	16						
5		11					
6				9			

*MONOMER WORKERS

R&S 103628

TABLE 4C

LATENCY PERIOD OF ASL CASES TABULATED BY YEAR OF FIRST EXPOSURE

MAX POSSIBLE LATENCY PERIOD	YEAR OF FIRST EXPOSURE	LATENCY PERIOD	ARITHMETIC MEAN OF LATENCY PERIODS
43	1939	38*	
42	1940		$\frac{203}{6} = 33.83$
41	1	37,21,37	
40	2	32,38	
39	3	38,14,32	
	4	28,11,24,20,24,34	$\frac{679}{26} = 26.12$
	5	27,22,28,29	
	6	21,29,31,26,28,15,23, 30,35***	
35	7	29,24,29,28	
34	8	28,24	
	9	30,26,20	$\frac{391}{17} = 23$
	1950	26,22,31,19,23,14	
	1	19,28,17,28	
30	2	21**,15	
29	3	25,22,23,22,20	
	4	21,21,25,25,21,28***, 22	$\frac{511}{25} = 20.44$
	5	22,23,24,14,19,21	
	6	21,12	
25	7	19,17,15,13,16	
24	8	18,18,15,17,20	
	9	16,21	$\frac{328}{20} = 16.4$
	1960	13,18	
	1	15,16,16,16,19,18,12	
20	2	13,18,17,12	
19	3	16,17	
	4	16,17	$\frac{86}{6} = 14.33$
	5	11	
	6	9	
15	7		
14	8		
	9		
	VIOLA 1970		
	1		
10	2		
9	MALTONI 3		
	GOODRICH 4		
	TOTAL	100	$\frac{2198}{100} = 21.98$

* CHOLANGIOSARCOMA

** AEROSOL CAN FILLER

*** US31 and 33 still ALIVE

8 September 1982

R&S 103629

TABLE 4D

LATENCY PERIODS OF ASL CASES TABULATED BY YEAR OF FIRST EXPOSURE AND GEOGRAPHICAL LOCATION

MAX POSSIBLE LATENCY PERIOD	YEAR OF FIRST EXPOSURE	LATENCY PERIODS IN		
		WESTERN EUROPE	NORTH AMERICA	R O W
43	1939		38*	
42	1940			
41	1	37	21,37	
40	2		32,38	
39	3	38	14,32	
	4	28	11,24,20,24,34	
	5	27	22,28,29	
	6	21,29,31	26,28,15,23,30,35***	
35	7	29	24,29,28	
34	8	28	24	
	9	30,26	20	
	1950	26,22,31	19	23,14
	1	19,28	17,28	
30	2	21**	15	
29	3	25,22	23	22,20
	4	21,21,25,25	21,28***	22
	5	22,23,24	14,19,21	
	6	21,12		
25	7	19,17,15,13		16
24	8	18,18	15	17,20
	9	16,21		
	1960	13,18		
	1	15,16,16,16,19,18	12	
20	2	13,18,17	12	
19	3	16,17		
	4	16	17	
	5	11		
	6	9		
15	7			
14	8			
	9			
	VIOLA 1970			
	1			
	2			
	MALTONI 3			
	TOTAL	52	40	8

* CHOLANGISARCOMA

** AEROSOL CAN FILLER

*** US31 and 33 STILL ALIVE

8 September 1982

R&S 103630

TABLE 4E

PLANT	LATENCY PERIODS OF ASL CASES	NO OF CASES	AVERAGE LATENCY PERIOD
LOUISVILLE	12, 14, 15, 19, 19, 20, 24, 28, 28, 28, 29, 29	12	22.08
SHAWINIGAN	11, 12, 14, 21, 22, 23, 24, 24, 26, 28	10	20.5
S CHARLESTON	24, 30, 32, 32, 34, 35, 37, 38, 38	9	33.33
TROISDORF	12, 13, 16, 16, 17, 18, 19, 21, 23, 25	10	18

TABLE 4F

LATENCY PERIOD OF ASL CASES TABULATED BY YEAR OF FIRST EXPOSURE & SPECIFIC PLANT

YEAR OF FIRST EXPOSURE	S CHARLESTON	LOUISVILLE	SHAWINIGAN	TROISDORF
1939	38			
1940				
1	37		21	
2	32,38			
3	32		14	
4	24,34	20	11,24	
5		28,29	22	
6	30,35		26,28	
7		29,28	24	
8		24		
9				
1950		19		
1				
2		15		
3			23	
4		28		21,25
5		14,19		23
6				12
7				13
8				
9				
1960				
1			12	16,16,19,18
2		12		17

R&S 103632

TABLE 4G

PLANT	START-UP DATE	LATENCY PERIOD OF ASL CASES	NO OF CASES	AVERAGE PERIOD
SUNDSVALL	1945	16,19,27,29,31	5	24.5 years
BRIGNOUD	1950	11,16,18,26,30	5	20.2
ST FONS	1939	21,28,29,37,38	5	30.6
BARRY	1948	9,17,18,28,31	5	20.6
BURGHAUSEN	1933	17,21,22,25	4	21.25
NIAGARA	1947	15,17,21,23	4	19
SPLIT	1941	20,20,22,23	4	21.25

R&S 103633

TABLE 4H

LATENCY PERIOD OF ASL CASES TABULATED BY YEAR OF FIRST EXPOSURE & SPECIFIC PLANT

YEAR OF FIRST EXPOSURE	SUNDSVALL	BRIGNOUD	ST FONS	BARRY	BURGHAUSEN	NIAGARA	SPLIT
1939							
1940							
1			37				
2							
3			38				
4							
5	27*						
6	31		29			15,23	
7	29						
8			28				
9		26,30					
1950				31			23*
1	19			28		17	
2							
3					25		20
4					21		22*
5					22	21	
6			21				
7					17		
8		18					20
9		16					
1960							
1							
2				18			
3				17			
4	16						
5		11					
6				9			

*MONOMER WORKERS

R&S 103634

TABLE 4C

LATENCY PERIOD OF ASL CASES TABULATED BY YEAR OF FIRST EXPOSURE

MAX POSSIBLE LATENCY PERIOD	YEAR OF FIRST EXPOSURE	LATENCY PERIOD	ARITHMETIC MEAN OF LATENCY PERIODS
43	1939	38*	
42	1940		$\frac{203}{6} = 33.83$
41	1	37,21,37	
40	2	32,38	
39	3	38,14,32	
	4	28,11,24,20,24,34	$\frac{679}{26} = 26.12$
	5	27,22,28,29	
	6	21,29,31,26,28,15,23, 30,35***	
35	7	29,24,29,28	
34	8	28,24	
	9	30,26,20	$\frac{391}{17} = 23$
	1950	26,22,31,19,23,14	
	1	19,28,17,28	
30	2	21**,15	
29	3	25,22,23,22,20	
	4	21,21,25,25,21,28***, 22	$\frac{511}{25} = 20.44$
	5	22,23,24,14,19,21	
	6	21,12	
25	7	19,17,15,13,16	
24	8	18,18,15,17,20	
	9	16,21	$\frac{328}{20} = 16.4$
	1960	13,18	
	1	15,16,16,16,19,18,12	
20	2	13,18,17,12	
19	3	16,17	
	4	16,17	$\frac{86}{6} = 14.33$
	5	11	
	6	9	
15	7		
14	8		
	9		
	VIOLA 1970		
	1		
10	2		
9	MALTONI 3		
	GOODRICH 4		
	TOTAL	100	$\frac{2198}{100} = 21.98$

* CHOLANGIOSARCOMA

** AEROSOL CAN FILLER

*** US31 and 33 still ALIVE

8 September 1982

R&S 103635

TABLE 4D

LATENCY PERIODS OF ASL CASES TABULATED BY YEAR OF FIRST EXPOSURE AND GEOGRAPHICAL LOCATION

MAX POSSIBLE LATENCY PERIOD	YEAR OF FIRST EXPOSURE	LATENCY PERIODS IN		
		WESTERN EUROPE	NORTH AMERICA	R O W
43	1939		38*	
42	1940			
41	1	37	21,37	
40	2		32,38	
39	3	38	14,32	
	4	28	11,24,20,24,34	
	5	27	22,28,29	
	6	21,29,31	26,28,15,23,30,35***	
35	7	29	24,29,28	
34	8	28	24	
	9	30,26	20	
	1950	26,22,31	19	23,14
	1	19,28	17,28	
30	2	21**	15	
29	3	25,22	23	22,20
	4	21,21,25,25	21,28***	22
	5	22,23,24	14,19,21	
	6	21,12		
25	7	19,17,15,13		16
24	8	18,18	15	17,20
	9	16,21		
	1960	13,18		
	1	15,16,16,16,19,18	12	
20	2	13,18,17	12	
19	3	16,17		
	4	16	17	
	5	11		
	6	9		
15	7			
14	8			
	9			
	VIOLA 1970			
	1			
	2			
	MALTONI 3			
	TOTAL	52	40	8

* CHOLANGISARCOMA

** AEROSOL CAN FILLER

*** US31 and 33 STILL ALIVE

8 September 1982

R&S 103636

TABLE 4E

PLANT	LATENCY PERIODS OF ASL CASES	NO OF CASES	AVERAGE LATENCY PERIOD
LOUISVILLE	12,14,15,19,19,20,24,28,28,28,29,29	12	22.08
SHAWINIGAN	11,12,14,21,22,23,24,24,26,28	10	20.5
S CHARLESTON	24,30,32,32,34,35,37,38,38	9	33.33
TROISDORF	12,13,16,16,17,18,19,21,23,25	10	18

TABLE 4F

LATENCY PERIOD OF ASL CASES TABULATED BY YEAR OF FIRST EXPOSURE & SPECIFIC PLANT

YEAR OF FIRST EXPOSURE	S CHARLESTON	LOUISVILLE	SHAWINIGAN	TROISDORF
1939	38			
1940				
1	37		21	
2	32,38			
3	32		14	
4	24,34	20	11,24	
5		28,29	22	
6	30,35		26,28	
7		29,28	24	
8		24		
9				
1950		19		
1				
2		15		
3			23	
4		28		21,25
5		14,19		23
6				12
7				13
8				
9				
1960				
1			12	16,16,19,18
2		12		17

R&S 103638

TABLE 4G

PLANT	START-UP DATE	LATENCY PERIOD OF ASL CASES	NO OF CASES	AVERAGE PERIOD
SUNDSVALL	1945	16,19,27,29,31	5	24.5 years
BRIGNOUD	1950	11,16,18,26,30	5	20.2
ST FONS	1939	21,28,29,37,38	5	30.6
BARRY	1948	9,17,18,28,31	5	20.6
BURGHAUSEN	1933	17,21,22,25	4	21.25
NIAGARA	1947	15,17,21,23	4	19
SPLIT	1941	20,20,22,23	4	21.25