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Dept. of Nat. Health & Environmental Health J.A. Yung G2WE 4-8946

December 28, 1981

Chloracne cases at the Nitro Plant for years 1950, 1951, 1952, 1953 and 1954

D. S. Fraser - 1570
H. Max Calloway - 1670
V. T. Matteucci - B2SC
E. Tillman, M.D. - G2WF

William R. Gaffey - G2WE



ATTORNEY WORK PRODUCT
ATTORNEY-CLIENT PRIVILEGE

Summary

Following the March 8, 1949 incident at the Nitro Plant, and the cases of chloracne associated with it, additional cases of chloracne began to appear. By 1952 it was evident that the new cases were unrelated to the March 1949 incident, but rather were arising out of exposure in the 2,4,5-T operation. By 1952, there were over 100 claims filed through Workmen's Compensation by employees who had developed a dermatitis or chloracne from exposure in the 2,4,5-T operation.

Plant records prior to 1955 were not routinely retained and therefore an effort was made to identify all 2,4,5-T related claims during the period following the 1949 incident and up to and including 1954. Plant records and Workmen's Compensation records were checked for the years 1950-1954. A total of 570 Workmen's Compensation claims were identified. Of the 570 claims filed during the period 1950 through 1954, a total of 135 white males were identified as having reported dermatitis or chloracne associated with TCDD exposure during normal TCP operations at the plant.

Individual complainants were included in the cohort based on their verified exposure and subsequent chloracne, irrespective of age and number of years employed (Attachment I). The cohort was identified by examining all available plant records, including safety, personnel, and medical records. Workmen's Compensation records were used as an additional source of identifying the cohort and also as a verification of plant records. One individual, a carpenter by the name of Charles Ralph Fowler, filed a claim in 1949, but was not included in the March 8, 1949 TCP accident group. Since he had not been identified previously, he was included in the 1950-1954 group.

Details

The Workmen's Compensation Commission files a record of every claim ever filed in the state of West Virginia, regardless of whether or not payment was awarded. These records are stored in a warehouse in Charleston and are filed by year (approximately 30,000 per year) and are believed to be complete back to 1913. All claims against Monsanto were noted for 1950, 1951, 1952, 1953, and 1954, and copies of the claims were obtained from the group of 35 claims were also noted from a group of

claims filed separately under the heading "Skin Diseases". (This group also included several PAB individuals.) All claims with the specific mention of exposure and subsequent dermatitis or chloracne were selected from this group to make up the cohort. It was assured that any type of injury, no matter how insignificant, would have been reported in the form of a claim to the Compensation Board.

Therefore, these records appear to be the most reliable source of identification and verification of the cohort. Once the cohort was assembled, I contacted Tom Boch and Charlotte Osborne at Nitro as additional sources of verification on questionable exposures.

Results

All of the individuals in the cohort were traced for vital status. Vital status was obtained on all individuals and the breakdown is:

Active Alive	11
Retired Alive	27
Terminated Alive	41
Deceased	56
	<u>135</u>

To date, we have a total of 56 known deceased with death certificates on file. The deceased with cause of death are listed as Attachment V (death certificates attached).


Janet A. Yung

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CHLORACNE CLAIMS FOR PERIOD

(Identified by Plant Records and Workmen)

Name	B B N	Workmen's Comp Claim	Date of Injury	Diagnosis	Race /Sex	H/S
Amos, Walter E.	232-40-8226	13899-71	10-20-51	Dermatitis	WM	H
Arthur, Charles E.	233-24-3554	13891-192	10-12-51	Dermatitis	WM	H
Arthur Sr., Herman	236-09-2140	14163-29	07-10-52	Dermatitis	WM	H
Arthur, John	232-48-7278	14107-200	05-15-52	Dermatitis	WM	H
Asbury, Elton	232-16-0917	14167-37	07-14-52	2,4,5-T rash	WM	H
Asbury, James F.	232-18-8598	13768-225	06-11-51	Chloracne	WM	H
Asbury, Raymond L.	233-36-3116	13876-182	09-27-51	Dermatitis	WM	H
Bailey, Ervin G.	233-38-5175	14043-178	03-12-52	Dermatitis	WM	H
Bailey, Howard	232-14-5787	Med Records	1951	Chloracne	WM	H
Bailey, Loyal Garland	234-34-2724	14204-23	08-20-52	Dermatitis	WM	H
Bailey, Shelby R.	236-40-5614	14259-75	10-14-52	Dermatitis	WM	H
Bertram, Thomas W.	235-09-0373	Plt Records	03-15-52	Chloracne	WM	S
Beckman, Ervin W.	235-09-0255	14132-88	06-09-52	Dermatitis	WM	S
Boch, Thomas	278-14-1520	14703-20	1952	Dermatitis	WM	H
Brewer, Charles K.	234-22-9849	Med Records	09-29-52	2,4,5-T irri.	WM	H
Burgess, Leland	236-22-8211	13836-72	08-18-51	Dermatitis	WM	H/S
Casto, Erval	234-26-8710	14216-16	09-01-52	Dermatitis	WM	H
Cavender, Wilford C.	236-24-3261	14154-52	07-01-52	Chloracne	WM	H
Cobb, Oattie B.	236-30-2316	14164-122	07-11-52	Chloracne	WM	H
Cochran, Mansford W.	234-48-8319	Med Records	11-29-51	2,4,5-T rash	WM	S
Collins, John M.	155-22-1379	14227-214	09-12-52	Dermatitis	WM	H
Cook Jr., George K.	232-46-5031	13950-179	12-10-51	Dermatitis	WM	H
Criner, Homer K.	232-12-8440	14642-20	11-06-52	Dermatitis	WM	H
Crossler, Charles	234-48-5923	Med Records	03-05-51	2,4,5-T rash	WM	S
Cunningham, Kenneth C.	233-34-1084	13946-171	12-06-51	Dermatitis	WM	H/S
Cyrus, Fred W.	232-40-0891	14045-166	03-14-52	Dermatitis	WM	H
Davis, Howard D.	236-26-2333	13583-109	12-08-50	Dermatitis	WM	H
Davis, Park B.	233-16-3596	14089-17	04-27-52	Chloracne	WM	H
Davis, William	232-34-2710	14444-89	04-17-53	Dermatitis	WM	H
Dent, Thomas A.	235-09-0268	13859-192	09-10-51	2,4,5-T rash	WM	H
Dickerson, Isalah	232-12-8446	13485-118	09-01-50	Dermatitis	WM	H
Eggleston, George F.	234-48-5170	14399-173	08-11-53	Chloracne	WM	H
Ennis Jr., Andrew A.	232-32-1908	13902-187	10-23-51	Dermatitis	WM	H
Forley Jr., Charles E.	232-32-3686	13509-171	09-25-50	Dermatitis	WM	H
Ferrell, George L.	283-26-8400	14102-49	05-10-52	Chloracne	WM	H
Fisher, Floyd R.	234-20-2488	Plt Records	02-23-50	Dermatitis	WM	H

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1950 - 1954.

Compensation Claims)

Date of Birth -	Date of Hire	Job Title	Employee Status	Vital Status
03-04-23	07-31-50	Helper	Active	Alive
04-17-21	08-13-50	Helper	Retired	Alive
09-29-09	04-02-45	Helper	Retired	Alive
06-18-29	03-29-50	Helper	Active	Alive
01-10-14	10-23-50	Lab (Yard)	Term	Alive 83
11-25-17	10-28-46	Helper	Dec'd	Dec'd 1972
07-23-24	07-17-46	Helper	Active	Alive
01-28-26	01-19-49	Operator	Dec'd	Dec'd 1974
02-27-98	02-07-45		Retired	Dec'd 1967
08-03-23	08-08-50	Helper	Term	Alive 83
01-31-29	07-10-50	Helper	Term	Alive
11-26-96	07-05-24	Chemist	Dec'd	Dec'd 1978
05-08-08	05-23-33	Foreman	Retired T&PD	Dec'd 1976
08-06-15	06-25-51	Supv.	Retired	Alive
09-10-21	01-21-41	Insulator	Term	Dec'd 1957
01-31-24	09-11-50	Helper	Dec'd	Dec'd 1978
12-13-19	12-19-46	Helper	Dec'd	Dec'd 1967
06-23-23	02-01-46	Operator	Retired	Alive
06-01-25	04-12-49	Helper	Dec'd	Dec'd 1976
10-23-30	05-10-51	Yard	Term	Alive
07-21-29	07-23-51	Chemist	Term	Alive
05-02-31	07-17-51	Lab (Yard)	Term	Alive
06-13-14	07-12-43	Pipesitter	Retired	Alive
09-05-31	09-01-50	Helper	Term	Alive 83
10-20-25	06-02-47	Helper	Active	Alive
06-20-30	07-05-50	Helper	Term	Alive VA
03-02-23	11-21-46	Operator	Active	Alive
10-10-02	08-16-43	Operator	Retired	Dec'd 1971
10-22-28	04-17-53	Helper	Retired	Dec'd 1979
01-17-04	02-14-35	Operator	Term	Dec'd 1957
10-10-06	01-03-44	Yard	Retired	Alive
05-31-31	06-06-50	Helper	Active	Alive
09-30-26	07-05-50	Helper	Term	Alive 83
04-02-26	10-24-46	Truck Dr.	Retired	Alive
04-29-25	08-08-50	Helper	Term	Alive 83
06-29-20	02-02-49	Helper	Dec'd	Dec'd 1975

Name	S B N	Workmen's Comp Claim	Date of Injury	Diagnosis	Race /Sex	H/S	Date of Birth	Date of Hire	Job Title	Employee Status	Vital Status
Forbes Sr., Willard M.	236-09-2189	13890-210	10-11-51	Dermatitis	WM	H	02-12-09	03-03-43	Operator	Retired	Alive
Fowler, Charles R.	226-03-6107	14938-101	06-25-54	Rash	WM	H/S	02-15-13	04-21-41	Carpenter	Retired	Dec'd 1973
Galloway, Howard Max	236-30-4729	13014-225	03-18-49	Chem rash	WM	S	02-26-24	09-04-51	Supv.	Active	Alive
Carlton, Devey T.	233-22-5188	14052-174	03-21-52	Chloracne	WM	H	06-03-57	03-02-41	Unloader	Retired	Dec'd 1965
Goodall, John F.	232-50-4784	13265-94	05-04-50	Dermatitis	WM	H	10-12-30	07-24-50	Helper	Term	Alive 85
Grant, Harold	234-34-7430	Med Records	08-06-52	Rash	WM	H	04-03-26	01-12-49	Helper	Retired	Alive
Grant, Mancel C.	233-28-9811	14027-134	02-25-52	Dermatitis	WM	H	10-08-20	11-26-43	Operator	Retired	Alive
Halley, Jesse W.	235-09-0286	Med Records	10-20-51	Dermatitis	WM	H/S	01-05-09	02-03-27	Pipefitter	Retired	Dec'd 1978
Harper, Emory	235-03-3934	14701-131	12-24-52	Chloracne	WM	H	10-28-13	12-29-44	Operator	Retired	Alive
Harris, Earl E.	233-22-9240	13496-100	09-12-50	Dermatitis	WM	H	08-25-23	04-01-46	Operator	Term	Dec'd 1972
Harris, Elmer	235-09-0294	14087-122	04-25-52	Dermatitis	WM	S	03-12-07	10-10-27	Foreman	Term	Dec'd 1956
Harrison, George	236-18-1143	14091-187	06-29-52	Dermatitis	WM	H	07-27-20	01-11-45	Operator	Retired T&PD	Dec'd 1980
Harrison, Robert E.	264-40-9012	13941-91	12- -51	Dermatitis	WM	H	11-28-31	07-19-50	Helper	Active	Alive
Hawley, Jasper H.	236-07-6057	14075-14	04-13-52	Chloracne	WM	H	05-21-09	07-09-33	Pipefitter	Retired	Alive
Higginbotham, Clarence	232-40-0884	14007-154	03-03-52	2,4,5-T rash	WM	H	11-28-10	04-26-49	Helper	Term	Dec'd 1958
Higginbotham, George P.	232-12-8883	Plt Records	06-17-52	2,4,5-T rash	WM	H	01-02-30	02-26-45	Operator	Dec'd	Dec'd 1958
Hill, Howard E.	236-24-0895	14107-24	10/50 5/52	Dermatitis	WM	H	11-28-22	07-26-48	Helper	Active	Alive 85
Hill, Willard E.	236-28-8326	14009-191	02-07-52	Dermatitis	WM	H	03-12-20	12-20-44	Helper	Term	Dec'd 1973
Hoffman, Basil G.	236-26-3311	14384-51	02-16-53	Dermatitis	WM	H	02-16-25	12-19-46	Helper	Retired	Alive
Howell, Bernard E.	232-14-5868	13964-164	12-06-51	Dermatitis	WM	H	08-18-09	12-18-50	Helper	Term	Alive
Hundley, Woodrow	285-09-0222	14168-140	07-15-52	Dermatitis	WM	H	08-22-12	09-11-50	Helper	Term	Alive 85
Johnson, Roy J.	236-09-3339	14447-191	08-15-53	Chloracne	WM	H	04-03-07	01-06-47	Truck Dr	Dec'd	Dec'd 1953
Jones, Byron L.	236-40-1268	Med Records	10-08-52	Rash	WM	H	01-15-31	04-17-50	"	Term	Alive 85
Laab, Leonard Wayne	236-40-4057	13904-184	10-25-51	Dermatitis	WM	H	12-10-27	04-10-47	Helper	Dec'd	Dec'd 1966
Legg, Zane	236-24-2478	14148-122	06-25-52	Dermatitis	WM	H	03-16-23	04-29-46	Operator	Dec'd	Dec'd 1958
Lett, Chester B.	232-12-8888	14059-164	03-28-52	Chloracne	WM	H	11-12-10	10-10-45	Operator	Dec'd	Dec'd 1980
Lett, Robert	233-10-9624	13885-79	10-06-51	Dermatitis	WM	H	11-13-13	03-22-41	Insulator	Retired	Alive
Lloyd, C. B.	232-14-4119	13446-177	07-24-50	Chloracne	WM	H	07-15-17	06-30-41	Operator	Retired	Dec'd 1978
Mallett, John B.	236-38-4463	14343-42	01-06-53	Dermatitis	WM	H	09-24-22	04-20-44	Pipefitter	Retired	Alive
Martin, Hollis H.	236-24-4028	13798-206	07-11-51	Chloracne	WM	H	06-19-20	04-24-46	Operator	Active	Alive
Martin, Paul E.	233-38-4775	13820-218	08-02-51	Dermatitis	WM	H	09-08-26	04-02-47	Helper	Term	Dec'd 1957
McClanahan Jr., Anthony	232-34-4109	13713-186	04-17-51	Dermatitis	WM	H	08-03-26	01-06-47	Laborer	Term	Dec'd 1954
McClanahan, Denver	232-24-6845	13293-68	02-23-50	Chloracne	WM	H	03-03-22	12-01-47	Helper	Term	Dec'd 1954
McClanahan, Elmer A.	236-18-0129	14183-165	09-04-52	2,4,5-T rash	WM	H	03-24-22	04-09-51	Helper	Term	Alive
McClanahan, Harold C.	236-38-4353	14087-145	04-25-52	Dermatitis	WM	H	01-06-28	12-01-47	Helper	Term	Alive
McClanahan, J. Harold	236-42-6451	13719-182	04-23-51	Dermatitis	WM	H	07-10-50	07-10-50	Helper	Term	Alive

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Name	B B N	Workmen's Comp Claim	Date of Injury	Diagnosis	Race /Sex	H/S	Date of Birth	Date of Hire	Job Title	Employee Status	Attachment 1 3 of 4	
											Vital Status	C
Clenahan, Millard R.	234-22-9974	13968-158	12-28-51	Dermatitis	WM	H	01-11-21	02-02-49	Helper	Term	Dec'd 1966	8
Clenahan, William E.	236-24-7309	14070-85	04-08-52	Chloracne	WM	H	11-27-21	04-16-51	Helper	Term	Alive	
Coy, Mansford L.	234-34-1049	14023-166	02-21-52	Dermatitis	WM	H		08-15-51	Welder	Term	Alive 83	
Coy, Harold	236-40-6398	14336-172	12- -52	Dermatitis	WM	H		05-15-50	Helper	Term	Alive	
Coy, John E.	234-34-1048	13491-177	09-07-50	Chloracne	WM	H		03-12-47	Helper	Retired	Alive	
Crew, James E.	236-09-7723	13789-79	07-02-51	Chloracne	WM	H	04-26-24	03-29-45	Electrician	Term	Alive	
Laughlin, Ralph L.	235-05-8238	14260-219	10- -52	Rash	WM	H	07-24-12	10-10-50	Helper	Term	Alive	
Radows, Basil	234-26-6868	14822-114	04-03-54	Dermatitis	WM		08-20-19	02-17-45	Helper	Term	Dec'd 1957	9
Radows, Dewey	236-24-1315	14136-31	06-13-52	2,4,5-T	WM	H	09-23-12	01-22-45	Pipefitter	Retired	Alive	
elton, Woodrow W.	235-09-0322	14449-101	04-22-53	Dermatitis	WM	H/S	12-25-24	05-13-53	Repaorman	Dec'd	Dec'd 1971	
Eller, Roy M.	236-09-2257	14308-57	12-02-52	Dermatitis	WM	H/S	11-26-13	04-24-37	Foreman	Term	Dec'd 1961	
Eller, Thomas	236-09-2263	14982-142	10-07-54	Chloracne	WM	H	05-24-15	03-25-46	Operator	Dec'd	Dec'd 1957	
Evconer, Harold L.	233-12-3560	14318-31	12-12-51	Dermatitis	WM	H	07-22-15	07-31-50	Helper	Term	Dec'd 1974	
Will, Emmett	233-18-1788	14434-57	04-07-53	Dermatitis	WM		06-06-19	07-10-50	Operator	Retired	Alive	
O'Dell, Roy	235-05-5530	14589-4	08-27-53	Dermatitis	WM		10-19-17	04-24-46	Operator	Retired	Alive	
Painter, Arnie	233-28-0533	14541-215	07-23-53	Chloracne	WM		08-20-16	02-23-45	Helper	Term	Alive 58	
Painter, Gay	236-16-0010	13856-196	09-07-51	Dermatitis	WM	H	02-18-18	07-24-50	Laborer	Term	Dec'd 1973	
Perkins, Shelly	232-18-8034	14148-74	06-25-52	Dermatitis	WM	H	03-08-99	07-12-43	Helper	Active	Alive	
Payne, Donald	234-34-4080	13932-27	11-22-51	Rash	WM	H	08-27-21	04-16-51	Helper	Term	Alive 55	
Payne, Kendall E.	233-44-2100	13803-244	07-16-51	Dermatitis	WM	H	07-26-29	10-23-50	Helper	Term	Alive	
Perelinger, Sherman	236-07-5795	13991-26	01-20-52	Dermatitis	WM	H	12-24-08	03-02-44	Pipefitter	Retired	Dec'd 1978	
Phillips, Latcher L. (2)	234-16-0847	14125-166	06-24-52	Rash	WM	H	11-24-10	03-21-44	Helper	Term	Dec'd 1963	
Ranson, R. B.	235-01-3846	14589-5	07-01-53	Chloracne	WM	H	12-22-21	10-16-50	Helper	Term	Dec'd 1977	
Rheads, Charles M.	236-22-6194	14308-58	12-02-52	Dermatitis	WM	H	08-30-04	07-12-43	Pipefitter	T&PD	Dec'd 1964	
Richardson, Roy M.	236-09-2309	14046-62	03-15-52	Chloracne	WM	H	09-06-97	02-22-37	Pipefitter	Dec'd	Dec'd 1974	
Roberts, Guy L.	232-16-9637	13429-90	08-02-50	Chloracne	WM	H	08-20-22	09-25-50	Helper	Term	Alive 55	
Saxton, William E.	235-44-7659	14001-176	01-30-52	Dermatitis	WM	H	06-16-26	04-10-47	Helper	Term	Alive	
Sayre, Pearly	233-36-9532	13838-77	08-20-51	Irritation	WM	H	08-23-15	12-21-42	Operator	Retired	Alive	
Sayre, Reuben D.	235-05-3654	14078-163	04-16-52	Dermatitis	WM	H	11-16-28	06-02-50	Helper	Term	Alive	
Scherer, Alfred	236-42-3151	13454-107	08-01-50	Rash	WM	H		10-23-50	Helper	Term	Alive	
Selbe, Raymond	235-16-2017	14003-168	02- -52	Rash	WM	H		02-10-41	Operator	Term	Dec'd 1971	
Shaffer, Willard	235-03-7911	13935-20	11-25-51	Chloracne	WM		06-29-16	02-18-51	Helper	Term	Dec'd 1972	
Shank, Charles E.	236-09-2316	13655-26	02-18-51	Dermatitis	WM	H	12-28-11		Helper	Retired	Alive	
Shank, Lawrence L. "Roy"	235-09-0342	14349-208	same as 12943-200 on Nitro Accident List									
Sigman, Roy A.	233-16-5759	13890-211	10-11-51	Dermatitis	WM	H	09-15-15	10-23-50	Helper	Term	Alive	
Simons, William M.	234-34-2228	13874-198	09-25-51	Dermatitis	WM	H	06-26-25	02-05-44	Operator	Term	Dec'd 1969	
Smith, William M.	232-44-6136	14168-15	07-15-52	Dermatitis	WM	H	10-01-18	07-24-52	Helper	Term	Alive 83	
Storcher, Cletus	234-28-9902	13823-25	08-05-51	Rash	WM	H	08-18-18	04-09-51	Helper	Term	Alive	
Steele, Kermil	235-03-9659	14759-1	02-26-54	Chloracne	WM		08-08-18	10-11-45	Helper	Retired	Alive	

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Name	B S N	Workmen's Comp Claim	Date of Injury	Diagnosis	Race /Sex	M/S	Date of Birth	Date of Hire	Job Title	Employee Status	Vital Status
12 Stover, Donald B.	235-05-7576	13665-190	02-28-51	2,4,5-T	WM	H	10-26-10	07-24-50	Helper	Retired	Alive
13 Stover, Enoch	233-10-8632	13537-102	10-23-50	Dermatitis	WM	H	10-09-99	05-10-43	Painter	Retired	Dec'd 1973
14 Stutler, Robert	236-36-7618	13854-192	09-01-51	Chloracne	WM	H	03-25-28	03-27-47	Helper	Term	Alive
15 Swann, Dillard C.	234-28-8117	13978-83	01-07-22	Dermatitis	WM	H	06-11-52		Helper	Term	Dec'd 1969
16 Terry, Willard	293-12-7663	14089-16	04-27-52	Dermatitis	WM	H	07-20-20	04-09-51	Helper	Retired	Dec'd 1980
17 Thomas, Hershel	232-14-9274	13978-92	01-07-52	Chloracne	WM	H	01-01-14	10-30-43		Retired	Alive
18 Tucker, Russell B.	234-24-0204	13631-136	01-25-51	Dermatitis	WM	H	04-24-22	11-12-45	Janitor	Term	Dec'd 1973
19 Vineyard, Hoy M.	236-30-7959	13927-89	11-17-51	Dermatitis	WM	H	09-16-22	10-10-50	Helper	Term	Alive
20 Vintoux, James A.	234-28-8198	14295-123	11-19-52	Rash	WM	H	11-01-14	07-21-45	Operator	Dec'd	Dec'd 1957
21 Vaugh, Lawrence M.	235-09-8971	14003-169	02-01-52	Dermatitis	WM	H	07-15-19	09-11-30	Helper	Dec'd	Dec'd 1979
22 Whittington, James K.	718-10-0875	14014-176	02-11-52	Chloracne	WM	M/S	03-27-20	03-25-46	Helper	Retired	Alive
23 Williams, Billy	236-42-5130	14013-159	02-11-52	Dermatitis	WM	H	02-26-30	07-31-51	Laborer	Term	Alive
24 Williams, Earl	236-09-2363	14286-159	11-10-52	Chloracne	WM	H	06-29-19	08-16-43	Pipefitter	Retired	Alive
25 Williams, William L.	232-18-7762	14003-167	02-02-52	Chloracne	WM	H	09-07-15	06-06-50	Helper	Retired	Alive
26 Williamson, Kerton L.	234-28-4337	14045-167	03-14-52	Chloracne	WM	H	04-12-13	03-03-41	Machinist	Retired	Alive
27 Withrow, Corbett	233-36-4120	14611-1	09-22-53	Chloracne	WM	H	02-24-25	01-31-45	Trk Driver	Term	Dec'd 1974
28 Wolfe, Leslie	235-01-4008	14332-80	on Nitro	accident list							Dec'd
29 Workman, James L.	232-16-0238	Plt Records	02-04-51	2,4,5-T rash	WM	H	01-23-93	02-28-44	Yard	Retired	Dec'd 1979
30 Workman, John L.	233-32-4578	14006-200	02-04-52	Dermatitis	WM	H	09-26-20	04-11-50	Helper	Term	Dec'd 1971
31 Workman, William V.	236-40-6230	13989-187	01-18-52	Dermatitis	WM	H		07-10-50	Helper	Term	Alive
32 Wright, James R.	235-09-0249	14307-65	12-01-52	Dermatitis	WM	H	09-01-05		Shift Rep	Retired	Alive
33 Wright, Lowell W.	234-48-5234	13874-81	09-25-51	Chloracne	WM	H	12-14-31	05-18-50	Helper	Term	Alive
34 Young, Henry O.	233-10-9644	13761-202	06-04-51	Dermatitis	WM	H	12-03-99	06-12-45		Term	Dec'd 1969
35 Young, James H.	233-36-3690	13914-19	11-04-51	Dermatitis	WM	H	06-18-26	04-16-51	Helper	Term	Alive

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Chloracne Cases 1950-1954 Deceased

<u>Name</u>	<u>Date of Death</u>	<u>Age</u>	<u>Cause of Death</u>
Bury, James F.	08-12-72	54	1621 I. Carcinoma left lung with metastasis.
iley, Ervin G.	02-16-74	48	4109 I. Acute coronary occlu. and myo. infarct. AHD II. Hia. hernia.
iley, Howard	12-24-67	69	4124 I. Cerebral vasc. accident. ACVD II. CHF
rtum, Thomas W.	10-12-78	81	4369 I. Cerebrovascular stroke. Generalized arteriosclerosis. II. Asp. pneumonia. Heart failure.
ckman, Erwin W.	12-10-76 PAB	68	1880 I. Cancer of Bladder.
ewer, Charles E.	02-26-57	35	4109 I. Heart attack.
rgess, Leland	02-26-78 PAB	54	1880 I. Pulmonary embolism, massive right. Stroke post op. Trans. carcinoma, urinary bladder. II. Status post op. partial cystectomy.
sto, Erval	11-13-67	47	4109 I. Acute myo infarct.
bb, Oatis B.	04-25-76	50	8600 I. Apparent cardio-pulmonary failure. II. Apparent chronic alcoholic poisoning.
vis, Park B.	11-26-71 PAB	69	4109 I. Myo infarct. ASCVD
vis, William	04-24-79	50	4109 I. Probable recurrent acute myocardial infarction. ASHD.
at, Thomas A.	03-03-57	53	1579 I. Carcinoma liver and pancreas.

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Chloracne Cases 1950-1954 Deceased

<u>Name</u>	<u>Date of Death</u>	<u>Age</u>	<u>Cause of Death</u>
Fisher, Floyd R.	08-03-75	55	4109 I. Acute myo infarct. II. AHD
Fowler, Charles R.	05-28-73 PAB	58	4109 I. Recurrent acute myo infarct. II. ASHD.
Garton, Dewey T.	02-11-65 PAB	67	1880 I. Carcinomatosis. Carcinoma urinary bladder.
Halley, Jesse W.	01-17-78 PAB	69	4109 I. Myo infarct. ASHD.
Harris, Earl E.	12-08-72 PAB	49	1719 I. Pulmonary embolus. Generalized liposarcoma.
Harris, Elmer Lee	10-26-56 PAB	49	4109 I. Coronary thrombosis.
Harris, George L.	07-04-80	59	5193 I. Cardio respiratory arrest. Chronic obstruc- tive pulmonary disease and respiratory failure chronic. Corpulmonale. II. Acute bronchitis.
Higginbotham, Clarence O.	07-11-58	28	9550 I. Shotgun wound.
Higginbotham, George P.	09-20-58	47	4123 I. Coronary insuf- ficiency. Arteriosclerosis, coronary.
Hoffman, Basil G.	05-01-73	48	4109 I. Acute myocardial infarction. ASHD.
Johnson, Roy S.	07-30-55	48	8199 I. Crushing injury to chest (auto accident).
Lamb, Leonard W.	04-06-66 PAB	38	5820 I. Urema. Chronic glomerular nephritis.
Legg, Zane G.	07-12-58 PAB	35	8199 I. Fractured skull (auto accident).
Lett, Chester B.	01-25-80	69	1621 I. Terminal pneu- monia. Carcinoma of lung with severe dys- plasia.

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Chloracne Cases 1950-1954 Deceased

<u>Name</u>	<u>Date of Death</u>	<u>Age</u>	<u>Cause of Death</u>
. Lloyd, Charles B.	04-23-78	60	1621 I. Metastatic carcinoma of lung.
. Martin, Paul E.	04-27-57	30	9240 I. Terminal pneumonia. Chemical and thermal burns.
. McClanahan, Denver E.	06-30-54	31	8300 I. Drowning (accident).
. McClanahan, Millard R.	02-18-66 PAB	45	8109 I. Cerebral contusion (train struck car).
. Meadows, Basil B.	08-16-57	44	9109 I. Accidental drowning.
. Melton, Woodrow W.	03-31-71 PAB	57	4109 I. Acute myo infarct. II. Arteriosclerosis, myo infarct., diabetes mellitus.
. Miller, Roy H.	10-29-61	46	4109 I. Coronary occlusion.
. Miller, Thomas H.	04-20-57	41	8990 I. 2nd and 3rd degree burns of 70% of body.
. Newcomer, Harold	04-23-74	54	4109 I. Myo infarct. ASCVD.
. Painter, Gay F.	02-09-73	54	4109 I. Posterior myo infarct. Coronary artery disease. II. Rt. ureteral calculus.
7. Parkins, Shelly L.	09-03-67	68	4123 I. Acute pulmonary edema. ASHD, CHF, AI. II. Uremia.
3. Phillips, Letcher L.	03-01-78	67	4109 I. Coronary occlusion.
9. Ranson, Robert B.	12-31-63	62	4109 I. Acute myocardial infarction. II. Diabetes mellitus.
0. Rhoads, Charles M.	05-27-77 PAB	55	4109 I. Acute myo infarct. AHD. II. Myo infarct, old, two.

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Chloracne Cases 1950-1954 Deceased

<u>Name</u>	<u>Date of Death</u>	<u>Age</u>	<u>Cause of Death</u>
Richardson, Roy M.	08-17-64	59	4109 I. Myo infarct. AHD.
Roberts, Guy L.	04-25-74	77	4123 I. Ventricular fibrillation. AHD. II. Diabetes with metabolic acidosis.
Shaffer, Willard L.	01-22-71	54	4109 I. Acute myo infarct. Previous myo infarct.
Shank, Lawrence	on Group I list.		4109 I. Cardiac infarction. II. Recent chole cystectomy.
Simmons, William H.	05-05-69 PAB	43	4109 I. Acute myo infarct. ASHD with angina pectoris. II. Emphysema.
Stover, Enoch	09-28-73	74	4109 I. Cardiac standstill. Massive myo infarct.
Swann, Dillard C.	07-07-69	47	1621 I. Carcinomatosis. Squamous cell cancer right lung with metastasis to both lungs, liver, and lymph nodes.
Terry, Willard B.	06-20-80	59	4109 I. Acute myocardial infarction: Arteriosclerotic heart disease.
Tucker, Russell S.	02-19-73 PAB	50	1621 I. Bronchiogenic carcinoma with metastasis.
Vintroux, James A.	04-16-57	42	9240 I. Severe burns (chemical explosion).
Waugh, Lawrence	08-04-79	60	5340 I. Cardiac arrest. G.I. bleeding, massive recurrent peptic ulcer disease. II. Congestive heart failure, severe.
Withrow, Corbett	04-29-74	49	1850 I. Transitional cell carcinoma of prostate with metastasis.

Chloracne Cases 1950-1954 Deceased

<u>Name</u>	<u>Date of Death</u>	<u>Age</u>	<u>Cause of Death</u>
Olfe, Leslie	On Group I list.		5193 I. Acute respiratory arrest. COPD.
orkman, James L.	02-11-79	86	4121 I. Cardiopulmonary arrest. Hyper. ASHD.
orkman, John L.	08-30-71	50	1519 I. Carcinoma stomach.
ung, Otis <u>Henry</u>	03-07-69	69	4109 I. ASHD, recurrent acute myo infarct. Intractable CHF. II. Ileac, pneumonia.

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