

# DETROIT REVOLUTIONARY MOVEMENT RECORDS

BOX 13 OF 16

FOLDER 30

DUC RESEARCH AND  
INTELLIGENCE REPORTS 1975

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RESEARCH & INTELLIGENCE REPORT  
January 15, 1975

THIS PACKAGE CONTAINS:

1. Defense spending in relation to total administrative budget.
2. Budget authorizations and outlays for all governmental depts., 1973-75.
3. Prime defense contract awards in Michigan.
4. Planned manufacturers of war materials in Michigan.
5. Discussion of military spending and unemployment.
6. Discussion of unemployment among UAW members.
7. Labor force summary - Oct., 1975
8. CETA update -- discussion.
9. Federal Rules and Regulations for CETA VI.
- 10 . Excerpt from Congressional Quarterly -- discussion of HR 16596 (CETA VI)
11. Background on common council subcommittee members.
12. Summation.
13. Drawing of floor plan for 13th floor auditorium.
14. Coleman's Executive Organization Plan (Appendix to discussion of division of labor between common council and the mayor.)

Note: Statistics and breakdown on unemployment in Detroit have proved exceedingly difficult to get. We are still trying, and will keep on trying until we get all the data we need. By Friday, there is a good possibility that we will have:

- 1.) month by month unemployment figures for UAW
- 2.) information on plant failures and moves from area
- 3.) statistics on welfare recipients
- 4.) CETA job categories and progress made in filling them

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APPENDIX C.

This table shows the amount of defense spending (including payments made to veterans) in relation to the total administrative budget for the years 1950-1975. For 1975, the estimate was that the total administrative budget would be \$220 billion, the Defense Dept. budget \$87.8 billion, and payments to veterans \$13.6 billion. The total defense budget was estimated at \$101.4 billion, or almost one-half of the total governmental budget.

Note that the 1974 and 1975 budgets are increased over previous years by \$5.8 billion and \$7.6 billion respectively. Thus, while total defense spending was fairly stable between 1968 and 1973, the last 2 years were estimated to have significant increases in defense spending. However, the ratio between total administrative budget and defense expenditures seems to have declined in the last 10 years -- so the large increase of the past 2 years in military spending could be partially due to inflation.

## Appendix C

DEFENSE SPENDING IN RELATION TO  
U.S. GOVERNMENT ADMINISTRATIVE BUDGETS 1950-1975  
FROM HOUSE APPROPRIATIONS COMMITTEE AND THE INTERNAL REVENUE SERVICE

Year	Administrative Budget Total (in millions)	Defense Total Outlays (in millions)	Payments to Veterans (in millions)	Total Defense Expenditures (in millions)	Personal Income Taxes Paid to the Federal Government (in millions)
1950	39,544	13,009	6,646	19,655	18,390
1951	43,970	22,444	5,342	27,786	24,268
1952	65,303	43,976	4,863	48,839	27,800
1953	74,120	50,363	4,298	54,661	29,443
1954	67,537	46,986	4,341	51,309	26,707
1955	64,389	40,695	4,522	45,217	29,654
1956	66,224	40,723	4,810	45,533	32,706
1957	68,966	43,368	4,870	48,238	34,382
1958	71,379	44,234	5,076	49,310	34,351
1959	77,111	46,617	5,183	51,800	38,653
1960	74,865	45,908	5,063	50,971	39,545
1961	79,336	47,381	5,392	52,773	42,271
1962	86,594	51,097	5,378	56,475	44,903
1963	90,141	52,257	5,666	57,923	48,204
1964	95,761	53,591	5,552	59,143	47,153
1965	94,807	49,578	5,722	55,300	49,530
1966	106,512	56,785	5,921	62,706	56,087
1967	126,779	70,081	6,899	76,980	62,920
1968	143,105	80,517	6,882	87,399	76,638
1969	148,811	81,240	7,640	88,880	86,568
1970	156,301	80,295	8,677	88,972	83,909
1971	163,651	77,661	9,776	87,437	85,409
1972	177,959	78,336	10,731	89,061	93,573
1973	186,403	76,021	12,013	88,034	
1974 (est)	203,715	80,573 (est)	13,285	93,858 (est)	
1975 (est)	220,636	87,799 (est)	13,612	101,411 (est)	

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TABLE 5 AND 2.

Table 5: Changes in Budget Authority. This table shows changes in the amount of money various governmental departments were authorized to spend in 1973, 1974 and 1975 (estimated). "Current estimate" means the amount that was estimated would be spend during the May, 1974 projection evaluation. The estimated authorizeion for 1975 in May, 1974 was \$93.2 billion for the Defense Dept. This is an increase of \$5.4 billion from 1974. This amount is a gross underestimate, since many of the expenditures of other departments (Housing, Corps of Engineers, Atomic Energy Commission, NASA, VA) are defense-related. Notice that if we add the Dept. of Defense and VA expense in this table, we have an estimated \$107.8 billion for total defense expenditures in 1975, out of an estimated total of \$324.3 billion for the entire administrative budget. The differences between this table and Appendix C are due to the fact that Appendix C is an estimate developed in 1972, while Table 5 was developed in mid-1974 and is therefore more accurate. Table 2 shows that same kind of breakdown for actual spending...the durrent estimate for defense outlay in 1975 is \$85.8 billion. This is surely an underestimate.

Table 5. CHANGES IN BUDGET AUTHORITY BY AGENCY  
(fiscal years; in billions of dollars)

	1973 Actual	1974			1975		
		February estimate	Current estimate	Change	February estimate	Current estimate	Change
Defense and military assistance.....	83.4	86.9	87.8	0.9	92.9	93.2	0.3
Agriculture.....	11.4	11.8	11.8	*	14.0	14.1	*
(CCC and P.L. 480).....	(4.2)	(3.9)	(3.9)	(*)	(5.1)	(5.1)	(*)
Commerce.....	1.8	1.5	1.5	*	1.7	1.7	---
Health, Education, and Welfare.....	89.2	106.5	104.4	-2.1	113.7	113.5	-0.2
(Social security trust funds).....	(60.8)	(74.8)	(73.5)	(-1.3)	(83.0)	(82.8)	(-0.2)
Housing and Urban Development.....	5.2	4.5	4.5	*	6.2	6.2	*
Interior.....	-1.9	-3.8	-6.0	-2.2	-2.6	-5.2	-2.7
Justice.....	1.8	1.9	1.9	*	2.1	2.1	---
Labor.....	10.4	9.3	10.0	0.7	9.7	11.1	1.4
(Unemployment trust fund).....	(6.7)	(6.9)	(7.6)	(0.7)	(6.8)	(7.4)	(0.6)
State.....	0.7	0.8	0.8	---	0.9	0.9	---
Transportation.....	3.6	17.6	17.7	*	9.8	11.2	1.4
Treasury.....	32.7	35.8	36.0	0.3	37.7	38.7	0.9
(General Revenue Sharing).....	(8.3)	(6.1)	(6.1)	(---)	(6.2)	(6.2)	(---)
(Interest on the public debt).....	(24.2)	(29.1)	(29.4)	(0.3)	(31.0)	(32.0)	(1.0)
Corps of Engineers.....	1.9	1.7	1.8	0.1	1.6	1.6	*
Atomic Energy Commission.....	2.6	2.4	2.4	---	3.1	3.2	0.2
Environmental Protection Agency.....	7.4	4.6	4.6	*	0.7	0.9	0.2
General Services Administration.....	0.5	-0.6	-0.4	0.2	-0.7	-0.7	---
National Aeronautics and Space Administration....	3.4	3.0	3.0	---	3.2	3.2	---
Veterans Administration.....	12.7	13.8	13.9	0.1	14.1	14.6	0.6
Foreign economic assistance.....	2.1	3.9	3.9	0.1	2.9	3.5	0.6
Other agencies.....	18.9	18.9	19.1	0.2	19.6	20.4	0.8
Allowances <sup>1</sup> .....	---	0.4	---	-0.4	2.2	1.1	-1.0
Undistributed intragovernmental transactions.....	-8.4	-10.0	-10.0	---	-10.7	-10.9	-0.2
Total.....	276.4	310.9	308.7	-2.2	322.1	324.5	2.4

<sup>1</sup> Includes allowances for acceleration of energy research and development, civilian agency pay raises, and contingencies.

\* Less than \$50 million.

Note: Detail may not add to totals due to rounding.

Table 2. CHANGES IN BUDGET OUTLAYS BY AGENCY  
(fiscal years; in billions of dollars)

	1973 Actual	1974			1975		
		February estimate	Current estimate	Change	February estimate	Current estimate	Change
Defense and military assistance.....	73.8	79.5	78.5	-1.0	85.8	85.8	---
Agriculture.....	10.0	9.3	9.8	0.5	9.2	8.9	-0.3
(SBC and P.L. 480).....	(4.4)	(1.8)	(1.7)	(-0.1)	(1.5)	(1.5)	(*)
Commerce.....	1.4	1.5	1.5	*	1.7	1.7	*
Health, Education, and Welfare.....	82.0	96.8	94.0	-2.8	111.0	111.0	---
(Social security trust funds).....	(58.6)	(68.4)	(67.7)	(-0.7)	(79.3)	(79.3)	(---)
Housing and Urban Development.....	3.6	5.0	5.0	*	5.6	6.1	0.5
Interior.....	-2.3	-3.8	-6.0	-2.3	-2.7	-5.5	-2.8
Justice.....	1.5	1.9	1.9	*	2.1	2.1	*
Labor.....	8.6	8.6	8.9	0.3	10.0	11.6	1.6
(Unemployment trust fund).....	(5.4)	(5.8)	(6.2)	(0.3)	(7.2)	(8.0)	(0.8)
State.....	0.6	0.7	0.7	*	0.8	0.8	---
Transportation.....	8.2	8.4	8.3	-0.1	9.1	9.3	0.3
Treasury.....	31.0	35.8	36.1	0.3	37.6	38.7	1.0
(General Revenue Sharing).....	(6.6)	(6.1)	(6.1)	(---)	(6.2)	(6.2)	(---)
(Interest on the public debt).....	(24.2)	(29.1)	(29.4)	(0.2)	(30.5)	(31.5)	(1.0)
Corps of Engineers.....	1.7	1.6	1.7	0.1	1.6	1.7	0.1
Atomic Energy Commission.....	2.4	2.3	2.3	*	2.9	3.0	0.1
Environmental Protection Agency.....	1.1	2.6	2.6	---	4.0	4.1	0.1
General Services Administration.....	0.5	-0.3	-0.1	0.2	-0.9	-0.8	*
National Aeronautics and Space Administration....	3.3	3.2	3.2	---	3.3	3.3	---
Veterans Administration.....	12.0	13.2	13.5	0.2	13.6	14.2	0.6
Foreign economic assistance.....	1.7	2.2	2.2	*	2.4	2.7	0.3
Other agencies.....	13.8	15.7	15.5	-0.2	16.5	16.9	0.3
Allowances <sup>1</sup> .....	---	0.3	---	-0.3	1.6	0.9	-0.7
Undistributed intragovernmental transactions.....	-8.4	-10.0	-10.0	---	-10.7	-10.9	-0.2
Total.....	246.5	274.7	269.5	-5.1	304.4	305.4 <sup>2</sup>	1.0

<sup>1</sup> Includes allowances for acceleration of energy research and development, civilian agency pay raises, and contingencies.

<sup>2</sup> In his housing policy recommendations of May 10, the President announced a four-point plan to make additional mortgage money available to assist the housing market. If interest rates remain high, mortgage commitments under this plan could cause outlays in 1975 to be up to \$3 billion higher.

\* Less than \$50 million. Note: Detail may not add to totals due to rounding.

SUMMARY OF MICHIGAN'S POSITION AMONG THE STATES IN PRIME CONTRACT AWARDS FROM THE DEPARTMENT OF DEFENSE (DOD)

In fiscal year 1974 (July, 1973 to June, 1974) the DOD awarded a total of 37.8 billion dollars in prime contract awards (\$100,000 or more) to contractors around the country for the purchase of goods and services. \$32.6 billion of this is broken down statistically by state.

Of the \$32.6 billion, Michigan received \$925 million or 2.8% of total, placing Michigan 11th in a ranking of all 50 states. 10 states received more than Michigan, ranging from California (\$6.9 billion) to Virginia (\$953 million). As of July, 1973, Michigan's awards went to about 150 prime contractors and about 75 prime contractors (50% total) were in the Greater Detroit area.

Awards received by Michigan prime contractors nearly doubled between fiscal 1973 and fiscal 1974. In fiscal 1973 Michigan received \$494 million (1.6% of total) whereas in fiscal 1974, the amount jumped to \$925 million (2.8% of total). In that same time period, only three other states (Connecticut, Maine, Mississippi) showed a proportionately higher rise than Michigan.

Breaking Michigan's awards down by DOD department, we find that 81% were army awards (\$742 million), five per cent were navy awards (\$48 million), seven per cent were air force awards (\$67 million), and seven per cent were Defense Supply Agency awards (\$67 million). Compared to other states, Michigan ranks 2nd in army awards, only exceeded by California. Undoubtedly, Michigan's high army awards are directly related to the automotive industry (cars, tanks, trucks, tractors, parts, etc.) Michigan ranks 26th in Navy awards, 24th in Air Force awards, and 17th in Defense Supply Agency awards.

Over the last four fiscal years, Michigan has consistently rose in awards. In fiscal 1971 Michigan received \$449 million, in fiscal 1972 \$468 million, in fiscal 1973 \$494 million, and in fiscal 1974 \$925 million.



PRINCIPAL PRIME CONTRACTORS IN DETROIT with contracts totaling \$100,000 or more

(Source: Small Business Office, Defense Contract Administration Services Region,  
1580 E. Grand Blvd., Detroit 48221

from document PRINCIPAL PRIME CONTRACTORS IN MICHIGAN, July, 1973)

The Bendix Corporation  
Fuel Devices Division  
696 Hart Ave.  
Detroit 48214

Chrysler Corp.  
Parts Division  
P.O. Box 1718  
Detroit 48231

Cox Instruments Division  
Lynch Corp.  
15300 Fullerton  
Detroit 48227

DAB Industries, Inc.  
8825 Vincent Ave.  
Detroit 48211

Detrex Chemical Industries, Inc.  
14331 Woodrow Wilson  
Detroit 48238

Dura-Bilt Welder Co.  
2662 Hart Ave.  
Detroit 48214

Federal Mogul Corp.  
Bearing Group  
P.O. Box 1966  
Detroit 48235

Federal Mogul Corp.  
Bower Roller Bearing Division  
3040 Hart Ave.  
Detroit 48214

Federal Mogul Corp.  
Component Parts Group  
P.O. Box 1966  
Detroit 48235

Fruehauf Corp.  
10940 Harper  
Detroit, 48232

Detroit Diesel Allison Division  
13400 W. Outer Drive  
Detroit 48228  
General Motors Corp.

General Motors Corp.  
United Delco Division  
GM Building  
Detroit 48202

Hercules Engineering & Mfg. Co.  
8640 Grinnell  
Detroit 48213

John Johnson Co.  
1481 14th St.  
Detroit 48216

MacKenzie Awning Co.  
3828 Oakman Blvd.  
Detroit 48204

McCord Corp.  
2850 W. Grand Blvd.  
Detroit 48202

Parke, Davis & Co.  
Joseph Campeau & Detroit River  
Detroit 48232

Rose Truck & Caster Co.  
12400 Strathmoor Ave.  
Detroit 48227

Shaw Manufacturing Co.  
15124 Telegraph Road  
Detroit 48239

Toll & Henson Co.  
957 Holden St.  
Detroit 48202

Uniroyal Tire Co.  
Div. of Uniroyal, Inc.  
6600 E. Jefferson Ave.  
Detroit 48232

Webb, Jervis B., Co.  
9000 Alpine Ave.  
Detroit 48204

Zapton Manufacturing  
5062 Loraine  
Detroit 48200

PRINCIPAL PRIME CONTRACTORS IMMEDIATELY OUTSIDE DETROIT with contracts totaling \$100,000 or more)

(Source: Small Business Office, Defense Contract Administration Services Region, 1580 E. Grand Blvd., Detroit 48221

from Document PRINCIPAL PRIME CONTRACTORS IN MICHIGAN, July, 1973)

Advanced Technology & Testing Division of Wilson Engineering, Inc. 12921 Stark Rd. Livonia 49150	Berkley Machine Products Co 31520 Glendale Livonia 48150
Aerofab Co, Inc. 2335 Goodrich St. Ferndale 48220	Borg-Warner Corp Borg & Beck Division 6700 18 $\frac{1}{2}$ Mile Rd Sterling Heights 48078
Aircraft Certified Engineering Co. 14233 E. Nine Mile Rd. Warren 48089	Brooks & Perkins, Inc. Advanced Structures Division 12633 Inkster Rd Livonia 48150
Albion Corp. 1601 Wanda Ave Ferndale 48220	Cadillac Gage Co 25760 Groesbeck Highway Warren 48090
Ambac Industries, Inc Benton Division 2870 Industrial Row Troy 48084	Cadillac Products, Inc. 7000 E. 15 Mile Rd Warren 48092
AM General Corp. 32500 Van Born Rd Wayne 48185	C & H Engineering & Mfg. Co 24170 Sherwood Centerline 48015
Associated Spring Corp B-G-R Division 40300 Plymouth Rd Plymouth 48170	Chrysler Corp Defense Engineering 7000 E. 11 Mile Rd Centerline 48090
Bachan Aerospace Corp 1241 East 11 Mile Rd Madison Heights 48071	Chrysler Corp Defense Operations Division P.O. Box 757 Sterling Heights 48077
B & B Machining Co 19706 East 9 Mile Rd St. Clair Shores 48080	Colt Industries, Inc Holley Carburetor Division 11955 E. 9 Mile Rd Warren 48090
The Bendix Corp Filter Division 434 W. 12 Mile Rd Madison Heights 48071	DECO-Grant, Inc. 1600 W. Maple Rd Troy 48084
The Bendix Corp Research Laboratories 20800 10 $\frac{1}{2}$ Mile Rd Southfield 48075	DeVlieg Machine Co 2800 W. 14 Mile Rd Royal Oak 48068

CONTRACTORS IMMEDIATELY OUTSIDE DETROIT (CONTINUED)

Electro-Tech, Inc.  
36222 Glenwood  
Wayne 48184

Energy Conversion Devices, Inc.  
1675 W. Maple Rd  
Troy 48084

Fire Trucks, Inc.  
65 North Rose St  
Mt. Clemens 48043

Ford Motor Co.  
Special Purpose Vehicles  
19855 Outer Dr.  
Dearborn 48124

Ford Motor Co.  
Tractor & Implement Division  
2500 E. Maple Rd  
Birmingham 48008

Formsprag Co.  
23601 Hoover Rd  
Warren 48090

General Motors Corp.  
Detroit Diesel Allison Division  
36501 W. Van Born Rd  
Wayne 48184

Gibson Machine Products Co  
8646 E. 9 Mile Rd  
Warren 48089

Globe Gear Co  
121 East Hudson  
Royal Oak 48067

Highland Manufacturing, Inc.  
23093 Telegraph Rd  
Southfield 48075

Hofley Manufacturing Co  
22534 Groesbeck Highway  
Warren 48089

International Harvester Corp.  
4840 Wyoming  
Dearborn 48126

Jered Industries, Inc.  
1300 S. Coolidge Rd  
Birmingham 48008

KDI-Bauer Corp.  
27350 Gloede  
Warren 48093

LTV

LTV Aerospace Corp.  
Michigan Division  
38111 Van Dyke  
Sterling Heights 48077

Machine Tool & Gear, Inc.  
2801 S. Beech Daly Rd  
Dearborn Heights 48125

Motor Parts, Inc.  
2811 W. 14 Mile Rd  
Royal Oak 48073

Ordnance Electronics Corp.  
26444 Groesbeck Highway  
Warren 48089

Peterson Machine Products Corp.  
27040 Princeton  
Inkster 48141

Rockwell International Corp.  
Automotive Division  
1000 W. Maple Rd  
Troy 48084

Saturn Industries  
26067 Groesbeck Highway  
Warren 48089

Sparton Manufacturing Co  
22747 Woodward Ave  
Ferndale 48220

Sperry Rand Corp.  
Vickers AOM Division  
P.O. Box 302  
Troy 48084

Target Fabricating & Machine, Inc  
4820 E. Second St  
Rochester 48063

Teppert Tool & Engineering Co  
23640 Hoover Rd  
Warren 48089

Turnmill, Inc.  
25450 Ryan Rd  
Warren 48091

United Engineering, Inc  
22822 Globe Ave  
Warren 48089

Warren Tube & Manufacturing, Inc  
25125 Easy St  
Warren 48089

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PLANNED MANUFACTURERS OF WAR MATERIALS IN MICHIGAN

The attached list is a summary of planned manufacturers of war materials in Michigan producing material for all military departments and agencies. These industries are registered under the Dept. of Defense Industrial Preparedness Planning Program. Michigan has a total of 402 such plants, which is 4.03% of the total plants in the USNA. Detroit plants are starred on the list -- there are 69 such plants in the City of Detroit. The list does not ~~xxx~~ indicate the amount of the contract for each company, but we understand that these contracts are over \$10,000.

The attached map shows the distribution of Defense Contract Administrative Services Offices, which heavily concentrate in the industrial north-east and southern California.

REGISTER OF PLANNED EMERGENCY PRODUCERS

FACILITY (1)	CITY (2)	STATE (3)	PLANT INDEX NUMBER (4)	ASPPO CODE (5)
ED STATES INDUS INC	NEW BEDFORD	MASS	947635	815
VALOR DIV				
ED STATES STEEL CORP				
WIRE OPERATIONS	WORCESTER	MASS	942835	803
WORCESTER WORKS	WATERTOWN	MASS	943909	815
ITRODE CORP	BEVERLY	MASS	946995	815
LITY METAL PRODUCTS CO INC	HOLLISTON	MASS	947485	815
PEY CORP				
N BRODE MILLING CO INC	CLINTON	MASS	947928	815
CAMERON STREET PLANT				
N BRODE MILLING CO INC	CLINTON	MASS	947229	815
530 MAIN STREET				
N BRODE MILLING CO INC	CLINTON	MASS	947929	815
830 MAIN STREET				
RIAN ASSOCIATES	BEVERLY	MASS	128996	815
BOMAG LABS., INC.				
NTRON CORP	BEVERLY	MASS	950085	815
VENTRON METAL CHEMICAL DIV	CAMBRIDGE	MASS	951910	815
TING CLOTHING INC	NEEDHAM	MASS	953297	815
TA NEEDLE CO	PEABODY	MASS	955990	815
LBAR INC				
LTER KIDDE & CO	LAWRENCE	MASS	242300	815
CRAIG SYSTEMS CORP				
LTER KIDDE & CO INC	WORCESTER	MASS	451786	815
HARRINGTON & RICHARDSON INC				
LTER KIDDE & CO INC	ASHLAND	MASS	346848	815
FENWAL INC	WALTHAM	MASS	958148	815
ALTHAM PRECISION INSTRUMENTS	SO BRAINTRE	MASS	958510	850
ELWORTH COMPANY	TEWKSBURY	MASS	958555	815
ING LABORATORIES	LOWELL	MASS	958950	815
ANNALANCIT TEXTILE CO	BROCKTON	MASS	959516	815
ARD MACHINE CO INC				
ARNER LAMBERT PHARMACEUTICAL	SOUTHBRIDGE	MASS	942100	815
AMERICAN OPTICAL COMPANY	WARREN	MASS	961123	815
ARREN PUMPS INC	WORCESTER	MASS	964781	815
EAVECRAFT CO.				
ESTERN ELECTRIC CO	ANDOVER	MASS	970702	850
DEFENSE ACTIVITIES DIV	WESTFIELD	MASS	971882	816
ESTFIELD GAGE CO				
ESTINGHOUSE ELECTRIC CORP	SPRINGFIELD	MASS	972008	816
ELECTRIC APPLIANCE DIV.				
ESTINGHOUSE ELECTRIC CORP.	HYDE PARK	MASS	972060	815
STURTEVANT DIV.	SOUTHBRIDGE	MASS	972885	815
ESTWOOD TEXTILE MFG INC	WHITINSVILLE	MASS	975512	815
HITIN MACHINE WORKS	DANVERS	MASS	984950	815
OOD ELECTRIC CO INC	FALL RIVER	MASS	985800	815
OODLAND MFG CORP	WORCESTER	MASS	986798	815
ORCESTER FELT PAD CORP.	WORCESTER	MASS	986866	815
ORCESTER PRESSED STEEL CO	HOLYOKE	MASS	987404	816
ORTHINGTON CMPRSOR & ENG INTL	WEST WARREN	MASS	988068	815
RIGHT WM E SONS CO	PITTSFIELD	MASS	988488	816
YANDOTTE WORSTED CO	NO GRAFTON	MASS	988520	815
YMAN GORDON CO	WORCESTER	MASS	988530	815
YMAN GORDON CO	NORTHAMPTON	MASS	989080	816
YANKEE HILL MACHINE CO				
ZERO MANUFACTURING CO INC	MONSON	MASS	974340	816
EASTERN DIVISION				
ZURN INDS INC	SHARON	MASS	992877	815
METAL BELLOWS CORP				

FACILITY (1)	CITY (2)	STATE (3)	PLANT INDEX NUMBER (4)	ASPPO CODE (5)
ABRAMS AERIAL SURVEY CORP	LANSING	MICH	002500	690 ✓
ABRAMS INSTRUMENT CORP	LANSING	MICH	002600	836 ✓
ACTIVE TOOL & MFG CO				
SEBEWAING INDUS INC	SEBEWAING	MICH	007725	835 ✓
ADVANCE GLOVE MFG CO	DETROIT	MICH	010528	835*
ADVANCE STAMPING CO	DETROIT	MICH	010780	835*
ADVANCE STAMPING CO				
BRIGHTON DIVISION	BRIGHTON	MICH	010783	835
AEROSPACE AMERICA INC				
MICH AEROSPACE PRODS DIV	BAY CITY	MICH	624535	835
AIR-MATIC PRODS CO INC	SOUTHFIELD	MICH	014520	835
AIRCRAFT PRECISION PRODS INC	OAK PARK	MICH	015540	836
ALCO CORP	ROSEVILLE	MICH	020265	835
ALLEGHENY LUDLUM STL CORP	DETROIT	MICH	022604	803*
ALLEN ELECTRIC & EQUIPMENT CO				
ALLEN TESTPRODUCTS DIV	KALAMAZOO	MICH	022830	836
ALLEN R C INC	GRAND RAPIDS	MICH	023450	836
AMERICAN HOIST AND DERRICK CO				
INDUSTRIAL BROWNHOIST CORP	BAY CITY	MICH	504012	861 ✓
AMERICAN MARSH PUMPS INC				
AMERICAN MOTORS CORP	LANSING	MICH	024570	836
NOVO PUMP AND ENGINE CO DIV				
AMERICAN METAL PRODUCTS CO.	KALAMAZOO	MICH	040753	836
BORROUGHS MFG. CO.	DETROIT	MICH	041500	835*
AMERICAN MOTORS CORP				
AMERICAN STANDARD INC	DEARBORN	MICH	043732	803
INDUSTRIAL PRODUCTS PLANT				
ANACONDA COMPANY				
ANACONDA AMERICAN BRASS CO	DETROIT	MICH	053004	816*
DETROIT DIVISION				
ANACONDA COMPANY				
ANACONDA WIRE CABLE CO	MUSKEGON	MICH	053075	850 ✓
ANSTAY FOUNDRY CO	STEVENSVILLE	MICH	057740	836
ACQUA-AIRE PRODUCTS INC	PURT HURON	MICH	059658	835
ARMSTRONG MACHINE WORKS	THREE RIVERS	MICH	064180	836
ASSOCIATED SPRING CORP				
BEGER DIVISION	PLYMOUTH	MICH	069967	835
ASSOCIATED SPRING CORP				
B G R DIV				
COOK PLANT	ANN ARBOR	MICH	069968	835
ASTRO CONTROLS INC				
BASTIAN BLESSING CO	GRAND HAVEN	MICH	096172	836
AUTO SPECIALTIES MFG CO	HARTFORD	MICH	078732	836
AUTO SPECIALTIES MFG CO				
RIVERSIDE PLANT	BENTON HRBR	MICH	078734	836
AUTO SPECIALTIES MFG CO	ST JOSEPH	MICH	078736	836
B & B MACHINING CO	ST CLR SHRS	MICH	081577	835
BAKER PERKINS INC	SAGINAW	MICH	086540	835
BARNUM BROTHERS FIBRE CO	DETROIT	MICH	093780	835*
BEMIS CO INC				
BEMIS BROTHERS BAG COMPANY	MUSKEGON	MICH	108196	861
BLACKMER PUMP CO	GRAND RAPIDS	MICH	122040	836
BRASS FORGINGS CO	FERNDALE	MICH	138270	835
BROOKS & PERKINS INC	SOUTHFIELD	MICH	147350	835
BROOKS & PERKINS INC				
ADVANCED STRUCTURES DIV	CARO	MICH	720270	835
BROOKS & PERKINS INC				
MATERIAL HANDLING DIV	CADILLAC	MICH	147330	836
BROOKS & PERKINS INC				
ADVANCED STRUCTURES DIV	LIVONIA	MICH	147349	835
BUDD COMPANY				
CHARLEVOIX PLANT	DETROIT	MICH	155292	835*
CADMET CORP	DETROIT	MICH	166070	835*
CAMDAL Precision INC	ROSEVILLE	MICH	172090	835
CAMPEAU TOOL & DIE CO	BELLEVILLE	MICH	172050	835
CARHARTT, INC.	DETROIT	MICH	349576	835*
CHRIS CRAFT CORP				
ALGONAC BOAT DIV	ALGONAC	MICH	197004	164 ✓
CHRIS CRAFT CORP				
ALGONAC MARINE ENGINE DIV	ALGONAC	MICH	197006	164
CHRIS CRAFT CORP				
CADILLAC DIVISION	CADILLAC	MICH	197029	164
CHRIS CRAFT CORP				
HOLLAND PLANT	HOLLAND	MICH	197133	164
CHRIS CRAFT CORP				
ROAMER STEEL BOATS DIV	HOLLAND	MICH	833280	164
CHRYSLER CORP				
DEFENSE OPERATIONS DIV	STERLING HTS	MICH	197789	835
CLARK EQUIPMENT COMPANY				
AUTOMOTIVE DIVISION	BUCHANAN	MICH	202220	836
CLARK EQUIPMENT CO				
AUTOMOTIVE DIVISION	JACKSON	MICH	202224	836
CLARK EQUIPMENT CO.				
CONSTRUCTION MACHINERY DIV.	BENTON HRBR	MICH	202223	836
PIPESTONE PLANT				
CLARK EQUIPMENT CO.	BATTLE CRK	MICH	202222	836
INDUSTRIAL TRUCK DIVISION				
CLARK EQUIPMENT CO	BENTON HRBR	MICH	842480	836
INDUSTRIAL TRUCK DIV				
CLARK EQUIPMENT CO				
TYLER REFRIGERATION DIV	MILES	MICH	932728	836

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COLD FORGE INC				
MASCO CORP	TAYLOR	MICH	213598	835
COLT INDUSTRIES INC				
CHANDLER EVANS DIV	CLARE	MICH	478537	835
CONDEC CORP				
LYND GEAR INC PLT NO 1				
LYND GEAR INC PLT NO 2	PONTIAC	MICH	230005	835
CONTINENTAL CAN CO INC				
FIBRE DRUM & CORUGTD BX DIV				
CCC PLANT NO 7	MIDLAND	MICH	231847	850
CONTINENTAL CAN CO INC				
FIBRE DRUM & CORUGTD BX DIV				
CCC PLANT NO 522	PLYMOUTH	MICH	378125	850
CONTINENTAL CAN CO INC				
METAL DIVISION				
CCC PLANT NO 50A	SHOREHAM	MICH	231854	850
COURTER INC	BOYNE CITY	MICH	240080	836
CRYSTAL OPTICS RESEARCH INC	ANN ARBOR	MICH	250051	835
DAKE CORPORATION	GRAND HAVEN	MICH	256171	944
DANA CORP				
CON-VEL DIV	DETROIT	MICH	257646	825*
DANA CORP				
SALISBURY DIV	CHELSEA	MICH	257657	825
DANA CORP				
SPICER DIV				
TRANSMISSION & GEAR DIV	WARREN	MICH	381500	825
DECKER MFG CORP	ALBION	MICH	265070	835
DEFOE SHIPBUILDING COMPANY	BAY CITY	MICH	266304	167
DEPENDABLE KELLERING COMPANY	LIVONIA	MICH	270535	835
DEPENDABLE KELLERING CO	DETROIT	MICH	270545	835*
DEPUY MFG CO				
KELLOGG CORSET CO	JACKSON	MICH	543825	835
DETAIL PRODUCTION CO INC	FERNDALE	MICH	271820	835
DETROIT ARSENAL TANK PLANT				
CHRYSLER CORP	WARREN	MICH	995179	062
DIAMOND REO TRUCKS INC	LANSING	MICH	826052	836
DOW CHEMICAL COMPANY				
MIDLAND DIVISION	BAY CITY	MICH	285568	835
DOW CHEMICAL COMPANY				
MIDLAND DIVISION	MIDLAND	MICH	285572	835
DOW CORNING CORPORATION	MIDLAND	MICH	285932	835
DRESSER INDUSTRIES INC				
DRESSER CRANE HOIST TWR DIV	MUSKEGON	MICH	630474	836
DU PONT E I CO INC				
MONTAGUE PLANT	MONTAGUE	MICH	291512	801
EAGLE-PICHER INDS INC				
UNION STEEL PRODS DIV	ALBION	MICH	936156	835
EAST SIDE GEAR TOOL CO	DETROIT	MICH	297800	835
EATON CORP				
TRANSMISSION DIV	KALAMAZOO	MICH	374464	836
EATON YALE & TOWNE INC				
EATON FOUNDRY DIV	VASSAR	MICH	300532	835
EATON-YALE & TOWNE INC				
EATON MARSHALL DIV	MARSHALL	MICH	300536	836
EATON YALE & TOWNE INC				
EATON RESEARCH CENTER	SOUTHFIELD	MICH	300537	835
EATON-YALE & TOWNE INC				
EATON SPRING DIVISION	DETROIT	MICH	300538	835*
EATON-YALE & TOWNE INC				
EATON SAGINAW DIV	SAGINAW	MICH	300542	835
EATON-YALE & TOWNE INC				
EATON VALVE DIV	BATTLE CRK	MICH	300550	836
EATON-YALE & TOWNE INC				
EATON MARINE DIV	WARREN	MICH	301390	835
ELECTRIC STORAGE BATTERY CO				
INDUSTRIAL DIVISION	DETROIT	MICH	310295	801*
ELECTRO MECHANICAL PRODUCTS CO	GARDEN CITY	MICH	312220	835
ELECTRODYNE CORP	DETROIT	MICH	312635	835
ELECTRO-VOICE INC	BUCHANAN	MICH	313050	836
ELTRA CORPORATION				
PRESTOLITE DIVISION	BAY CITY	MICH	308544	825
ELTRA CORPORATION				
PRESTOLITE DIVISION	PORT HURON	MICH	308560	825
EMRICK INC	KALAMAZOO	MICH	320285	836
EQUITABLE ENGINEERING CO	ROYAL OAK	MICH	323820	835
ESSEX INTERNATIONAL INC	THREE RIVER	MICH	327335	821
ESSEX WIRE CORP	HILLSDALE	MICH	327270	821
EVANS PRODUCTS COMPANY	PLYMOUTH	MICH	330019	835
EX CELL O CORP				
MARTIN AVE PLANT	DETROIT	MICH	332379	835*
EX CELL O CORP				
MACHINE TOOL CO				
CONE DRIVE GEARS DIV	TRAVRSE CTY	MICH	668663	836
EX CELL O CORP				
CADILLAC GAGE CO				
PLANT NO 2	WARREN	MICH	166180	835
EX CELL O CORP				
CADILLAC GAGE CO				
PLANT NO 1	WARREN	MICH	166192	835
FMC CORPORATION				
JOHN BEAN DIVISION	LANSING	MICH	356886	836

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FMC CORPORATION				
JOHN BEAN DIVISION				
BEIDING FOUNDRY	BEIDING	MICH	356888	836
FEDERAL DROP FORGE CO	LANSING	MICH	342167	836
FEDERAL ENGINEERING CO				
MOYNAHAN BRONZE CO	FLAT ROCK	MICH	342170	835
FEDERAL MOGUL CORP				
NATIONAL SEAL DIV	DETROIT	MICH	343040	835*
FEDERAL&MOGUL&BOWR BEARNGS INC				
BOWER ROLLER BEARING DIV.	DETROIT	MICH	134930	835*
FEDERAL&MOGUL&BOWR BEARNGS INC				
FEDERAL&MOGUL DIVISION	DETROIT	MICH	343900	835*
FEDERAL SCREW WORKS	CHELSEA	MICH	344492	835
FIRESTONE TIRE RUBBER CO				
FIRESTONE STEEL PRODS CO	WYANDOTTE	MICH	350868	825
FISH NET AND TWINE CO	MENOMINEE	MICH	352104	836
FISHER, CARL COMPANY	MADISON HTS	MICH	352134	835
FLEXIBLE CONTROLS CORP	DETROIT	MICH	354740	835*
FLINT TENT AND AWNING COMPANY	FLINT	MICH	354889	835
FORD MOTOR CO				
TRANSMISSION & CHASSIS DIV				
LIVONIA TRANSMISSION PLANT	LIVONIA	MICH	358472	835
FORD MOTOR CO				
GENERAL PARTS DIV				
OWOSSO PLANT	OWOSSO	MICH	358428	835
FORD MOTOR CO				
GENERAL PARTS DIV				
SALINE PLASTICS PLANT	SALINE	MICH	358431	835
FORD MOTOR CO				
TRANSMISSION & CHASSIS DIV				
STERLING PLANT	STERLING HTS	MICH	358473	835
FORD MOTOR CO				
GENERAL PARTS DIV				
SHELDON ROAD PLANT	PLYMOUTH	MICH	358433	835
FORD MOTOR CO				
INDUSTRIAL & CHEM PRODS DIV				
TRIM PLANT	UTICA	MICH	358456	835
FORD MOTOR CO				
INDUSTRIAL & CHEM PRODS DIV				
PAINT PLANT	MT CLEMENS	MICH	358457	835
FORD MOTOR CO				
INDUSTRIAL & CHEM PRODS DIV				
VINYL PLANT	MT CLEMENS	MICH	358459	835
FORD MOTOR CO				
ENGINE AND FOUNDRY DIV				
DEARBORN ENGINE PLANT	DEARBORN	MICH	358454	835
FORD MOTOR CO				
ENGINE AND FOUNDRY DIV				
DEARBORN IRON FOUNDRY	DEARBORN	MICH	358455	835
FORD MOTOR CO				
ENGINE AND FOUNDRY DIV				
DEARBORN SPECIALTY FOUNDRY	DEARBORN	MICH	358462	835
FORD MOTOR CO				
METAL STAMPING DIV				
WOODHAVEN STAMPING PLANT	WOODHAVEN	MICH	358461	835
FORD MOTOR CO				
FORD TRACTOR OPERATIONS				
ROYAL OAK EQUIPMENT PLANT	ROYAL OAK	MICH	358464	835
FORD MOTOR CO				
FORD TRACTOR OPERATIONS				
ROMEO IND EQUIPMENT PLANT	ROMEO	MICH	358466	835
FORD MOTOR CO				
AUTOMOTIVE ASSEMBLY DIV				
DEARBORN ASSEMBLY PLANT	DEARBORN	MICH	358416	835
FORD MOTOR CO				
TRANSMISSION & CHASSIS DIV				
VAN DYKE PLANT	STERLING HTS	MICH	358486	835
FORD MOTOR CO				
ENGINE & FOUNDRY DIV				
MICHIGAN CASTING CENTER	FLAT ROCK	MICH	358487	835
FORD MOTOR CO				
AUTOMOTIVE ASSEMBLY DIV				
PILOT PLANT	ALLEN PARK	MICH	358488	835
FORD MOTOR CO				
AUTOMOTIVE ASSEMBLY DIV				
WIXOM ASSEMBLY PLANT	WIXOM	MICH	358489	835
FORD MOTOR CO				
AUTOMOTIVE ASSEMBLY DIV				
WAYNE ASSEMBLY PLANT	WAYNE	MICH	358490	835
FORD MOTOR CO				
GLASS DIV				
DEARBORN GLASS PLANT	DEARBORN	MICH	358400	835
FORD MOTOR CO				
MANUFACTURING SERVICES DIV	DEARBORN	MICH	358468	836
FORD MOTOR CO				
AUTOMOTIVE ASSEMBLY DIV				
MICHIGAN TRUCK PLANT	WAYNE	MICH	358483	835
FORD MOTOR CO				
METAL STAMPING DIV				
FRAME PLANT	DEARBORN	MICH	358401	835

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FORD MOTOR CO METAL STAMPING DIV STAMPING PLANT	DEARBORN	MICH	358408	835
FORD MOTOR CO METAL STAMPING DIV TOOL AND DIE PLANT	DEARBORN	MICH	358409	835
FORD MOTOR CO METAL STAMPING DIV MONROE PLANT	MONROE	MICH	358436	835
FORD MOTOR CO ENGINE & FOUNDRY DIV NORTHVILLE VALVE PLANT	NORTHVILLE	MICH	358437	835
FORD MOTOR CO GENERAL PARTS DIV RAWSONVILLE PLANT	RAWSONVILLE	MICH	358441	835
FORD MOTOR CO GENERAL PARTS DIV YPSILANTI PLANT	YPSILANTI	MICH	358439	835
FORD MOTOR CO STEEL DIVISION BLAST FURN AND COKE OVENS	DEARBORN	MICH	358410	835
FORD MOTOR CO STEEL DIVISION ELECTRIC FURNACES	DEARBORN	MICH	358411	835
FORD MOTOR CO STEEL DIVISION OPEN HEARTH FURNACES	DEARBORN	MICH	358412	835
FORD MOTOR CO STEEL DIVISION STEEL MILL	DEARBORN	MICH	358453	835
FORD MOTOR CO FORD TRACTOR OPERATIONS TRACTOR PLANT	HIGHLAND PK	MICH	358445	835
FORMSPRAG CO	WARREN	MICH	359320	835
FRASER MFG CO	LEXINGTON	MICH	364820	835
FREELAND GAUGE CO	DETROIT	MICH	367085	835*
FRUEHAUF CORPORATION	DETROIT	MICH	373319	835*
GAST MANUFACTURING COMPANY	BENTON HRBR	MICH	381140	836
GENERAL ELECTRIC CO IND COMPONENTS & METLGL DIV SPECIALTY MATERIALS DEPT 11177 E. EIGHT MILE RD	DETROIT	MICH	384480	835*
GENERAL ELECTRIC COMPANY IND COMPONENTS & METLGL DIV METALLURGICAL PRODUCTS DPT 11177 E. EIGHT MILE ROAD	DETROIT	MICH	384494	835*
GENERAL ELECTRIC COMPANY IND COMPONENTS & METLGL DIV METALLURGICAL PRODUCTS DPT NEFF ROAD	EDMORE	MICH	384409	836
GENERAL ELECTRIC COMPANY APPLIANCE COMPONENTS DIV HERMETIC MOTOR DEPARTMENT 570 EAST 16TH STREET	HOLLAND	MICH	384411	836
GENERAL FOODS CORP POST DIVISION	BATTLE CRK	MICH	385801	850
GENERAL MOTORS CORP A C SPARK PLUG DIV	FLINT	MICH	387910	835
GENERAL MOTORS CORP BUICK MOTOR DIV	FLINT	MICH	387946	835
GENERAL MOTORS CORP CADILLAC MOTOR CAR DIV	DETROIT	MICH	387960	835*
GENERAL MOTORS CORP CENTRAL FOUNDRY DIV	SAGINAW	MICH	387962	835
GENERAL MOTORS CORP CHEVROLET MOTOR DIV	BAY CITY	MICH	387974	835
GENERAL MOTORS CORP CHEVROLET MOTOR DIV	DETROIT	MICH	387982	835*
GENERAL MOTORS CORP CHEVROLET MTR DIV PLT 1	FLINT	MICH	387988	835
GENERAL MOTORS CORP CHEVROLET MTR DIV PLT 2	FLINT	MICH	387989	835
GENERAL MOTORS CORP CHEVROLET MTR DIV PLT 1	SAGINAW	MICH	388004	835
GENERAL MOTORS CORP CHEVROLET MTR DIV PLT 2	SAGINAW	MICH	388006	835
GENERAL MOTORS CORP CHEVROLET MOTOR DIV PLANCOR 446	SAGINAW	MICH	388009	835
GENERAL MOTORS CORP CHEVROLET MOTOR DIV	WARREN	MICH	388050	835
GENERAL MOTORS CORP DETROIT DIESEL ALLISON DIV	DETROIT	MICH	388144	835*
GENERAL MOTORS CORP DETROIT DIESEL ALLISON DIV	WAYNE	MICH	231306	835
GENERAL MOTORS CORP DIESEL EQUIPMENT DIV	GRAND RAPDS	MICH	388159	835
GENERAL MOTORS CORP FISHER BODY DIV PLT 1	DETROIT	MICH	388208	835*
GENERAL MOTORS CORP FISHER BODY DIV PLT 2	DETROIT	MICH	388209	835*

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GENERAL MOTORS CORP FISHER BODY DIV PLT 1	FLINT	MICH	388212	835
GENERAL MOTORS CORP CHEV MOTOR DIV	FLINT	MICH	388214	835
GENERAL MOTORS CORP FISHER BODY DIV	GRAND BLANC	MICH	388230	835
GENERAL MOTORS CORP FISHER BODY DIV	GRAND RAPDS	MICH	388215	835
GENERAL MOTORS CORP FISHER BODY DIV	LANSING	MICH	388220	835
GENERAL MOTORS CORP FISHER BODY DIV	PONTIAC	MICH	388244	835
GENERAL MOTORS CORP FISHER BODY DIV	DETROIT	MICH	388257	835*
GENERAL MOTORS CORP FLEETWOOD PLANT	DETROIT	MICH	388268	835
GENERAL MOTORS CORP GMC TRUCK COACH DIV	PONTIAC	MICH	388268	835
GENERAL MOTORS CORP OLDSMOBILE DIV	LANSING	MICH	388390	835
GENERAL MOTORS CORP PONTIAC MOTOR DIV	PONTIAC	MICH	388430	835
GENERAL MOTORS CORP SAGNW STRNG GER DIV	SAGINAW	MICH	388529	835
GENERAL MOTORS CORP FISHER BODY DIV	DETROIT	MICH	388531	835*
GENERAL SIGNAL CORP HYDRECO UNIT	KALAMAZOO	MICH	390100	836
GENERAL TOOL OF KALAMAZOO	KALAMAZOO	MICH	391540	836
GOODYEAR TIRE AND RUBBER CO.	DETROIT	MICH	895530	835*
GOULD NAIL BATTERIES INC	JACKSON	MICH	412719	825
AIRCRAFT BATTERY PLANT	MONROE	MICH	714610	861
GRAND MACHINING CO	DETROIT	MICH	417525	835*
GRAND MACHINING CO DECO GRAND INC	TROY	MICH	417532	835
GRAY MFG. CO.	TECUMSEH	MICH	421060	835
GREAT LAKES PLASTICS INC	SALEM	MICH	423000	835
GRINNELL SCREW PRODUCTS CO.	ST CLR SHRS	MICH	430955	835
GULF & WESTERN INDUS INC O & S BEARING & MFG CO	WHITMORE LK	MICH	436175	835
GULF & WESTERN CO UNIVERSAL AMERICAN CORP	DETROIT	MICH	990263	835*
YOUNG SPRING & WIRE CORP	JACKSON	MICH	446050	835
HANDLEY INDUSTRIES, INC.	DETROIT	MICH	448095	835*
HANSON CO HARDEMAN PAUL INC	DETROIT	MICH	990264	835*
YOUNG SPRING AND WIRE CO HQTRS AND ENGRG RESEARCH	DETROIT	MICH	990264	835*
HARNISCHFEGER CORP TRUCK CHASSIS PLANT	ESCANABA	MICH	451094	822
HASTINGS MFG CO	HASTINGS	MICH	455522	836
HAYES ALBION CORP ALBION MALLEABLE GROUP	HILLSDALE	MICH	019980	835
HILLSDALE MACHINE DIVISION	DETROIT	MICH	464444	835*
HERCULES ENGRNG AND MFG CO	HOLLAND	MICH	478336	836
HOLLAND RACINE SHOES INC	HOLLAND	MICH	478350	836
HOLLAND WIRE PRODUCTS INC	ANN ARBOR	MICH	482360	835
HOOVER BALL AND BEARING CO.	BELLEVILLE	MICH	483770	835
HORST MFG CO HOUDAILE INDUSTRIES INC	DETROIT	MICH	484638	835*
DETROIT DIVISION	VICKSBURG	MICH	372365	836
HOUGHTON MFG CO HOWARD AIKEN IND	JACKSON	MICH	485450	835
MECHANICAL PRODUCTS INC	JACKSON	MICH	485450	835
HOWMET CORP MISCO DIV	WHITEHALL	MICH	249525	836
HUCK MFG. CO.	DETROIT	MICH	488130	835*
HUPP CORP HUPP AVIATION CO	DETROIT	MICH	493015	835*
HUPP CORPORATION FANNON PRODUCTS DIVISION	WARREN	MICH	493020	835
HURON AUTOMATIC SCREW CO.	PORT HURON	MICH	493310	835
IBC PRODUCTS INCORPORATED	ROYAL OAK	MICH	497210	835
IMERMAN SCREW PRODUCTS CO	DETROIT	MICH	500250	835*
INDIAN HEAD INC DETROIT GASKET & MFG CO	ALPENA	MICH	366405	835
FRASER PRODUCTS CO	DETROIT	MICH	504006	835*
INDUSTRIAL BAG SPECIALTS INC	LANSING	MICH	504860	835
INDUSTRIAL METAL PRODS CRP INT FASTENERS RESEARCH CORP	ZEELAND	MICH	965155	836
CAMPFD FIBERGLS PLASTIC DIV	JACKSON	MICH	518688	835
JACKSON CANVAS COMPANY	AU GRES	MICH	518692	835
JACKSON AND CHURCH CO JACKSON DROP FORGE CO	JACKSON	MICH	518700	835
JAMAK INC DETROIT SILICONE DIV	INKSTER	MICH	273280	835
JANSON GAGE CO	DETROIT	MICH	523470	835*
JERED PRODUCTS, INC.	BIRMINGHAM	MICH	526290	835
JET ELECTRONICS & TECHNOLOGY INC	GRAND RAPID	MICH	483050	836
JOHNSON JOHN COMPANY	DETROIT	MICH	529529	835*

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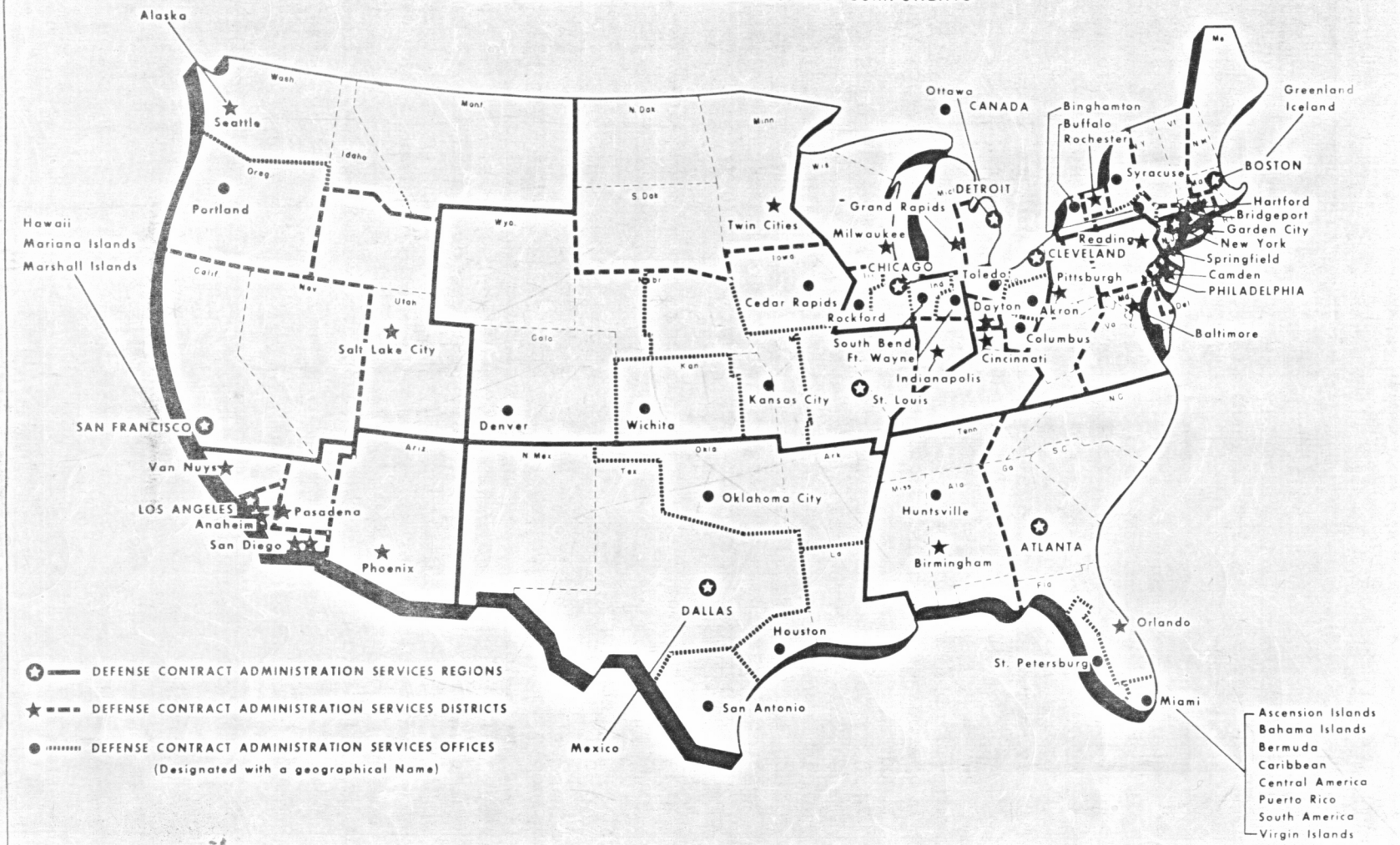
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JONES & LAUGHLIN STEEL CORP STAINLESS & STRIP DIV	DETROIT	MICH	532172	803*	MCGRAW-EDISON CO ALBION DIV	ALBION	MICH	607576	835
K D I CORP					MENOMINEE ENGINEERING CORP	MENOMINEE	MICH	657580	836*
K O I BAUER CORP	WARREN	MICH	535894	835	MERCURY GAGE COMPANY	DETROIT	MICH	659480	835*
KALAMAZOO MANUFACTURING CO.	KALAMAZOO	MICH	536740	836	METAL CRAFT CO	TROY	MICH	662954	835
KALAMAZOO SHEET METAL MFG CO	KALAMAZOO	MICH	536745	836	MICHIGAN ARMY MISSILE PLANT	STRL HGTS	MICH	995235	835
KEENE CORP					MICHIGAN BOLT AND NUT CO INC	DETROIT	MICH	667930	835*
KAYDON BEARING DIV	MUSKEGON	MICH	541620	836	MICHIGAN SEAMLESS TUBE CO	SOUTH LYON	MICH	668440	835
KELLOGG COMPANY	BATTLE CRK	MICH	543830	836	MICHIGAN SEAMLESS TUBE CO				
KELSEY-HAYES CO					THE STANDARD TUBE CO	DETROIT	MICH	895892	835*
KELSEY WHEEL DRUM&BRAKE DIV	JACKSON	MICH	544512	835	MICHIGAN SPLINE GAGE CO	DETROIT	MICH	668540	835*
KELSEY-HAYES CO					MICHIGAN SPRING CO	MUSKEGON	MICH	668550	836
KELSEY WHEEL DRUM&BRAKE DIV	JACKSON	MICH	544512	835	MICHIGAN WHEEL CO	GRAND RAPIDS	MICH	668676	836
KELSEY-HAYES CO					MIDLAND ROSS CORP				
KELSEY WHEEL DRUM&BRAKE DIV	DETROIT	MICH	544516	835*	POWER CONTROLS DIV	DWOSSO	MICH	670485	836
KELSEY-HAYES CO					MILLER R A INDS INC	GRAND HAVEN	MICH	676800	836
KELSEY WHEEL DRUM&BRAKE DIV	ROMULUS	MICH	544500	835	MITCHELL&BENTLEY CORP				
KELSEY-HAYES CO					DWOSSO MFG CO	DWOSSO	MICH	683705	835
KELSEY WHEEL DRUM&BRAKE DIV	JACKSON	MICH	544524	835	MODERN HOMES CORP	DEARBORN	MICH	686031	835
KELSEY-HAYES CO					MONROE AUTO EQUIP CO	MONROE	MICH	689683	835
KELSEY WHEEL DRUM&BRAKE DIV	JACKSON	MICH	544508	835	MONSANTO CHEMICAL CO				
KELSEY-HAYES CO					INORGANIC CHEMICALS DIV	TRENTON	MICH	690415	860
KELSEY WHEEL DRUM&BRAKE DIV	JACKSON	MICH	544508	835	TRENTON PLANT	WYANDOTTE	MICH	694750	835
KELSEY-HAYES CO					MORGAN PRODUCTS INC				
KELSEY WHEEL DRUM&BRAKE DIV	JACKSON	MICH	544508	835	MORRIS & ASSOCIATES INC				
KELSEY-HAYES CO					BISHOP PRODS INC	AU GRES	MICH	120570	835
KELSEY WHEEL DRUM&BRAKE DIV	JACKSON	MICH	544508	835	MORWELD STEEL PRODUCTS CORP.	ELLSWORTH	MICH	698553	836
KELSEY-HAYES CO					MOTOR WHEEL CORPORATION				
KELSEY WHEEL DRUM&BRAKE DIV	JACKSON	MICH	544508	835	LANSING PLANT	LANSING	MICH	701204	836
KELSEY-HAYES CO					NATIONAL MACHINE PRODUCTS CO	UTICA	MICH	720285	835
KELSEY WHEEL DRUM&BRAKE DIV	JACKSON	MICH	544508	835	NATIONAL STEEL CORP				
KELSEY-HAYES CO					GREAT LAKES STEEL DIV	ECORSE	MICH	725685	835
KELSEY WHEEL DRUM&BRAKE DIV	JACKSON	MICH	544508	835	NELSON STEEL PRODUCTS INC	HOLLAND	MICH	730200	836
KELSEY-HAYES CO					NEW YORK AIR BRAKE CO				
KELSEY WHEEL DRUM&BRAKE DIV	JACKSON	MICH	544508	835	KALAMAZOO DIVISION	KALAMAZOO	MICH	736445	836
KELSEY-HAYES CO					NORTH AMERICAN ROCKWELL CORP				
KELSEY WHEEL DRUM&BRAKE DIV	JACKSON	MICH	544508	835	ROCKWELL STANDARD DIV	ALLEGAN	MICH	895138	836
KELSEY-HAYES CO					UNIVERSAL JOINT PLANT				
KELSEY WHEEL DRUM&BRAKE DIV	JACKSON	MICH	544508	835	NORTH AMERICAN ROCKWELL CORP	DETROIT	MICH	923700	835*
KELSEY-HAYES CO					ROCKWELL STANDARD CO				
KELSEY WHEEL DRUM&BRAKE DIV	JACKSON	MICH	544508	835	NORTH AMERICAN ROCKWELL CORP				
KELSEY-HAYES CO					ROCKWELL STANDARD CO				
KELSEY WHEEL DRUM&BRAKE DIV	JACKSON	MICH	544508	835	TRANSMISSION & AXLE DIV	DETROIT	MICH	923730	835*
KELSEY-HAYES CO					NUGENT WALTER ENTERPRISES	DETROIT	MICH	754000	835*
KELSEY WHEEL DRUM&BRAKE DIV	JACKSON	MICH	544508	835	OLIVER CORP				
KELSEY-HAYES CO					AVIATION DIV	BATTLE CRK	MICH	760420	836
KELSEY WHEEL DRUM&BRAKE DIV	JACKSON	MICH	544508	835	CLOFSSON TOOL DIE CO	LANSING	MICH	760800	835
KELSEY-HAYES CO					VERTON MACHINE CO	DOWAGIAC	MICH	766020	836
KELSEY WHEEL DRUM&BRAKE DIV	JACKSON	MICH	544508	835	VERTON, S. E. COMPANY	SOUTH HAVEN	MICH	766030	836
KELSEY-HAYES CO					PALACE CORPORATION				
KELSEY WHEEL DRUM&BRAKE DIV	JACKSON	MICH	544508	835	UNITED MANUFACTURERS INC	WILLIAMSTON	MICH	771162	835
KELSEY-HAYES CO					PARKE, DAVIS AND COMPANY	DETROIT	MICH	773924	835*
KELSEY WHEEL DRUM&BRAKE DIV	JACKSON	MICH	544508	835	PARKER-HANNIFIN CORP				
KELSEY-HAYES CO					SPANCO BRASS CO	OTSEGO	MICH	774074	825
KELSEY WHEEL DRUM&BRAKE DIV	JACKSON	MICH	544508	835	PEGASUS LABORATORIES, INC.	BERKLEY	MICH	779082	835
KELSEY-HAYES CO					PERFEX GAGE TOOL CO	MT CLEMENS	MICH	784360	835
KELSEY WHEEL DRUM&BRAKE DIV	JACKSON	MICH	544508	835	PNEUMO DYNAMICS CORP				
KELSEY-HAYES CO					NATIONAL WATER LIFT CO	KALAMAZOO	MICH	727475	836
KELSEY WHEEL DRUM&BRAKE DIV	JACKSON	MICH	544508	835	PONTIAC DYE AND CHEMICAL CO.	PONTIAC	MICH	799366	835
KELSEY-HAYES CO					PORT HURON DETERGENT CO INC	PORT HURON	MICH	800569	835
KELSEY WHEEL DRUM&BRAKE DIV	JACKSON	MICH	544508	835	PRECISION STAMPING CO.	BRIGHTON	MICH	804086	835
KELSEY-HAYES CO					PRECISION THREAD GRINDG CO	DETROIT	MICH	804082	835*
KELSEY WHEEL DRUM&BRAKE DIV	JACKSON	MICH	544508	835	PRESSWORK INC	DETROIT	MICH	582658	835*
KELSEY-HAYES CO					PUROLATOR PRODS INC	PETERSBURG	MICH	811036	852
KELSEY WHEEL DRUM&BRAKE DIV	JACKSON	MICH	544508	835	QUALITY AWNING & CONST CO INC				
KELSEY-HAYES CO					7937 SCHAEFER	DEARBORN	MICH	812507	835
KELSEY WHEEL DRUM&BRAKE DIV	JACKSON	MICH	544508	835	QUALITY CONTROLLED STAMPING CO	MELVINDALE	MICH	812523	835
KELSEY-HAYES CO					RCA CORP				
KELSEY WHEEL DRUM&BRAKE DIV	JACKSON	MICH	544508	835	INDUSTRIAL ELECTRONIC PRODS	DETROIT	MICH	814933	805*
KELSEY-HAYES CO					RAM METER INC	TROY	MICH	816175	835
KELSEY WHEEL DRUM&BRAKE DIV	JACKSON	MICH	544508	835	RAMCO PRODUCTS	DETROIT	MICH	816585	835*
KELSEY-HAYES CO					RAPISTAN INC				
KELSEY WHEEL DRUM&BRAKE DIV	JACKSON	MICH	544508	835	KEYSTONE CONVEYOR DIV	FARMINGTON	MICH	817395	836
KELSEY-HAYES CO					RAPISTAN INC				
KELSEY WHEEL DRUM&BRAKE DIV	JACKSON	MICH	544508	835	DEALER PRODUCTS DIV	GRAND RAPID	MICH	817398	836
KELSEY-HAYES CO					RAPISTAN INC				
KELSEY WHEEL DRUM&BRAKE DIV	JACKSON	MICH	544508	835	PACKAGE CONVEYOR DIV	GRAND RAPID	MICH	817400	836
KELSEY-HAYES CO					RAY WHYTE ELECTRIC PRODS CO	ST CLR SHRS	MICH	819170	835
KELSEY WHEEL DRUM&BRAKE DIV	JACKSON	MICH	544508	835	REDMOND CO INC				
KELSEY-HAYES CO					PLANT 1	DWOSSO	MICH	820500	835
KELSEY WHEEL DRUM&BRAKE DIV	JACKSON	MICH	544508	835	REDMOND CO INC				
KELSEY-HAYES CO					PLANT 2	DWOSSO	MICH	820502	835
KELSEY WHEEL DRUM&BRAKE DIV	JACKSON	MICH	544508	835	REMKE INC				
KELSEY-HAYES CO					FIRE TRUCKS INC	MT CLEMENS	MICH	350490	835
KELSEY WHEEL DRUM&BRAKE DIV	JACKSON	MICH	544508	835	REPUBLIC STEEL CORPORATION				
KELSEY-HAYES CO					STEEL AND TUBES DIVISION				
KELSEY WHEEL DRUM&BRAKE DIV	JACKSON	MICH	544508	835	DETROIT PLANT	FERNDALE	MICH	826979	825
KELSEY-HAYES CO					RESKA SPLINE PRODUCTS CO.	WARREN	MICH	827215	835
KELSEY WHEEL DRUM&BRAKE DIV	JACKSON	MICH	544508	835	REVERE COPPER AND BRASS INC				
KELSEY-HAYES CO					MICHIGAN DIVISION	DETROIT	MICH	827288	850*



REGISTER OF PLANNED EMERGENCY PRODUCERS

FACILITY (1)	CITY (2)	STATE (3)	PLANT INDEX NUMBER (4)	ASPPD CODE (5)	FACILITY (1)	CITY (2)	STATE (3)	PLANT INDEX NUMBER (4)	ASPPD CODE (5)
REYNOLDS METALS COMPANY ALUMINUM DIVISION EXTRUSION TUBING PLANT	GRAND RAPIDS	MICH	828066	802	ABEX CORPORATION RAILROAD PRODUCTS GROUP	MINNEAPOLIS	MINN	031559	852
ROCHESTER GEAR, INC.	ROCHESTER	MICH	836363	835	ABEX CORPORATION RAILROAD PRODUCTS GROUP	ST PAUL	MINN	031588	852
ROSCOMMON MFG CO	ROSCOMMON	MICH	840930	835	ADVANCE GARMENT MFG CO	MINNEAPOLIS	MINN	010392	861
ST CLAIR RUBBER CO INC	MARYSVILLE	MICH	851114	835	ADVANCE PACKAGING CORP	HOPKINS	MINN	010800	861
SCHILLER CORP SPEEDRING CORP DIV	WARREN	MICH	888300	835	AEROSPACE SYSTEMS CO	MINNEAPOLIS	MINN	012240	861
SHAKESPEARE CO INC	KALAMAZOO	MICH	868350	836	AMERICAN HOIST AND DERRICK CO	ST PAUL	MINN	037110	861
SHAKESPEARE PRODS CO INC	KALAMAZOO	MICH	868359	836	AMERICAN HOIST & DERRICK CO ROAD MACHINERY DIV	MINNEAPOLIS	MINN	147800	861
SHERMAN H B MFG CO	BATTLE CRK	MICH	872080	836	APACHE INDUSTRIES INC	MINNEAPOLIS	MINN	058420	861
SHERWIN-WILLIAMS CO ACME QUALITY PAINTS INC	DETROIT	MICH	007406	825*	MACK ENGINEERING CORP	MINNEAPOLIS	MINN	058420	861
SLIGH FURNITURE CO	HOLLAND	MICH	877410	836	BEMIS CO INC	MINNEAPOLIS	MINN	108210	861
SPARTON CORP ELECTRONICS DIV	JACKSON	MICH	887796	835	BEMIS CO INC 4701 HUMBOLT AVE NORTH PLT	MINNEAPOLIS	MINN	108205	861
SPERRY RAND CORP	DETROIT	MICH	888778	835*	BRANOTJEN AND KLUGE, INC.	SAINT PAUL	MINN	138260	861
VICKERS INC	DETROIT	MICH	888778	835*	BUCKBEE MEARS CO	ST PAUL	MINN	153868	861
STALKER CORP	ESSEXVILLE	MICH	892200	835	BURNS MFG CO	STAPLES	MINN	161110	861
STANDARD PRODUCTS CO	DETROIT	MICH	894770	825*	WOODLAND CONTAINER CO	STAPLES	MINN	161110	861
STANDARD PRODUCTS CO	GAYLORD	MICH	894774	825	BURNS MFG CO	AITKIN	MINN	161120	861
STANDARD PRODUCTS CO	ST CLAIR	MICH	894802	825	WOODLAND CONTAINER CO	AITKIN	MINN	161120	861
STAR TOOL & DIE WORKS INC	ROMULUS	MICH	897560	835*	BUTWIN SPORTSWEAR CO	ST PAUL	MINN	164137	861
METRO MACHINE WORKS	KALAMAZOO	MICH	764248	836	CPC INTERNATIONAL INC				
STRYKER CORPORATION	KALAMAZOO	MICH	764248	836	CONSUMER PRODS OPERATIONS DIV	MINNEAPOLIS	MINN	237956	852
STUDEBAKER CORPORATION CLARKE FLOOR MACHINE CO DIV	MUSKEGON	MICH	907012	836	CAMPBELL SOUP CO INC	WORTHINGTON	MINN	172028	805
SYBRON CORP	ROMULUS	MICH	548734	835	CHASE BAG CO	MINNEAPOLIS	MINN	190092	816
KERR MFG CO DIV	ROMULUS	MICH	548734	835	CCHN FELDMAN CO	ST PAUL	MINN	213022	861
TECHNICAL SYSTEMS INC	GRAND RAPIDS	MICH	917386	836	CONTAINER CORP OF AMERICA FIBRE CAN DIV	ST PAUL	MINN	231600	860
TELEDYNE IND INC	MUSKEGON	MICH	232854	836	CONTINENTAL CAN CO INC CCC PLANT NO 74	MANKATO	MINN	231839	850
TELEDYNE CONTINENTAL MOTORS INDUSTRIAL PRODS DIV	MUSKEGON	MICH	232854	836	CONTROL DATA CORP MAGNETIC COMPONENTS DIV	PLYMOUTH	MINN	182350	861
TELEDYNE IND INC	MUSKEGON	MICH	995186	836	CONTROL DATA CORP MAGNETIC COMPONENTS DIV	MONTEVIDEO	MINN	182355	861
TELEDYNE CONTINENTAL MOTORS GENERAL PRODS DIV	MUSKEGON	MICH	995186	836	CUSTOM TOOL & MFG CO	MINNEAPOLIS	MINN	297830	861
THE SCOTT & FETZER CO	BRONSON	MICH	558075	836	DALTON GEAR CO	MINNEAPOLIS	MINN	257330	861
DOUGLAS DIV	OWASSO	MICH	925280	836	DEAN CASTING AND MFG CO	MINNEAPOLIS	MINN	264397	861
TOLEDO COMMUTATOR CO.	TRAVRSE CTY	MICH	422980	836	DESPATCH OVEN COMPANY	MINNEAPOLIS	MINN	271810	861
TRU FIT TROUSERS	PORT HURON	MICH	932972	835	DOWNES TONY FOODS COMPANY	ST JAMES	MINN	286325	861
U V INDUS INC	MADISON HTS	MICH	933215	835	ENERGY MFG CO	ST PAUL	MINN	320864	861
MUELLER BRASS CO	BATTLE CRK	MICH	936086	944*	FMC CORP NORTHERN ORDNANCE DIV	FRIDLEY	MINN	995194	861
ULTIMATE PRECISION MACHINE CO	MADISON HTS	MICH	933215	835	FAIRMONT RAILWAY MOTORS INC	FAIRMONT	MINN	335920	861
UNION PUMP COMPANY	BATTLE CRK	MICH	936086	944*	FARIBAUT WOOLEN MILL CO	FARIBAUT	MINN	338692	861
UNIROYAL INC	DETROIT	MICH	942460	850*	FEDERAL CARTRIDGE CORP	ANDOKA	MINN	342164	861
UNIROYAL TIRE CO DETROIT PLANT	DETROIT	MICH	942460	850*	FEDERAL PRISON IND INC FEDERAL CORRECTION INST	SANDSTONE	MINN	344222	802
UNIVERSAL OIL PRODUCTS CO WOLVERINE TUBE DIV	ALLEN PARK	MICH	169520	835	FINGERHUT CORP	APPLETON	MINN	350155	861
UNIVERSAL OIL PRODUCTS CO WOLVERINE TUBE DIV	DEARBORN HTS	MICH	169558	835	FINGERHUT CORP	BENSON	MINN	350156	861
UNIVERSAL OIL PRODUCTS CO WOLVERINE TUBE DIV	DETROIT	MICH	169560	835*	FINGERHUT CORP	BIRD ISLAND	MINN	350157	861
UNIVERSAL OIL PRODUCTS CO WOLVERINE TUBE DIV	DETROIT	MICH	169560	835*	FINGERHUT CORP	DETROIT LKS	MINN	350158	861
UNITED STEEL AND WIRE CO PLANT NO 1	BATTLE CRK	MICH	943872	836	FINGERHUT CORP	GAYLORD	MINN	980980	861
UNITED STEEL AND WIRE CO PLANT NO 3	BATTLE CRK	MICH	943876	836	FINGERHUT CORP	LITCHFIELD	MINN	350159	861
UNIVERSAL AMERICAN CORP. BOHN ALUMINUM & BRASS CO DV CENTRAL LABS	DETROIT	MICH	128069	835*	FINGERHUT CORP	MELROSE	MINN	350160	861
UNIVERSAL AMERICAN CORP. BOHN ALUMINUM & BRASS CO DV PLANT 6	SOUTH HAVEN	MICH	128073	835	FINGERHUT CORP	MINNEAPOLIS	MINN	350161	861
UNIVERSAL AMERICAN CORP. BOHN ALUMINUM & BRASS CO DV PLANT 12	SOUTH HAVEN	MICH	128075	835	FINGERHUT CORP	MORRIS	MINN	350162	861
UNIVERSAL AMERICAN CORP. BOHN ALUMINUM & BRASS CO DV PLANT 13	ADRIAN	MICH	127974	835	FINGERHUT CORP	ST CLOUD	MINN	980982	861
UNIVERSAL AMERICAN CORP. BOHN ALUMINUM & BRASS CO DV PLANT 16	HOLLAND	MICH	944610	835	FINGERHUT CORP	WINDOM	MINN	350163	861
UNIVERSAL ELECTRIC CO	OWASSO	MICH	944995	836	FINGERHUT CORP	MINNEAPOLIS	MINN	350166	861
UPJOHN COMPANY	KALAMAZOO	MICH	946176	836	FINGERHUT CORP	ST CLOUD	MINN	980982	861
VISHAY INTERTECHNOLOGY INC MICRO-MEASUREMENTS DIV	ROMULUS	MICH	952768	835	FINGERHUT CORP	WINDOM	MINN	350163	861
WARNER ELEC BRAKE & CLUTCH CO BEAVER PRECISION PRODS INC	TROY	MICH	960060	835	FOLDRAFT CORP	KENYON	MINN	356370	861
WAYNE WIRE CLOTH PRODUCTS INC	KALKASKA	MICH	964660	836	FOLEY MFG CO	MINNEAPOLIS	MINN	356496	861
WELLS MFG CO	THREE RIVER	MICH	967815	836	FCRD MOTOR CO AUTOMOTIVE ASSEMBLY DIV				
WESTRAN CORP	MUSKEGON	MICH	926950	836	TWIN CITIES ASSEMBLY PLANT	ST PAUL	MINN	358482	835
WHITEHEAD AND KALES CO	DETROIT	MICH	975239	835*	GARONS KNITTING MILLS	DULUTH	MINN	380704	861
WOLVERINE DIESEL POWER CO	TRAVRSE CTY	MICH	984235	836	GENERAL EQUIPMENT CO	OWATONNA	MINN	385391	861
WOLVERINE KNITTING MILLS	BAY CITY	MICH	984510	835	GENERAL SAFETY EQUIPMENT CORP N BRANCH	N BRANCH	MINN	681562	861
WYANDOTTE AWNING CO	WYANDOTTE	MICH	988377	835	GORDON FERGUSON COMPANY LAVIN HERMAN & COMPANY	ST PAUL	MINN	580704	861
					GOULD NATL BATTERIES INC NICAD DIV	ST PAUL	MINN	714613	861
					GOULD NATL BATTERIES INC AUTO BATTERY PLANTS DIV	ST PAUL	MINN	714746	861
					GRACO INC	MINNEAPOLIS	MINN	420598	861
					GREEN GIANT CO	LE SEUER	MINN	289222	861
					GREYHOUND CORP ARMOUR CO	ST PAUL	MINN	063549	845
					ST PAUL PLANT	S ST PAUL	MINN	063549	845
					H W CARTER CO RINGER CO DIV	PARK RAPIDS	MINN	851182	815
					HAERTEL WALTER CO	MINNEAPOLIS	MINN	439796	861
					HARRIS B W MFG CO	ST PAUL	MINN	451820	861
					HARTZEL MFG CO	ST PAUL	MINN	454100	861
					HICKERSON & CO INC NORTH COUNTRY OUTERWEAR	BRAINERD	MINN	470361	861
					HITCHCOCK IND INC	MINNEAPOLIS	MINN	475310	861
					HOBART MFG CO				
					HOBART FEDERAL ENGR CO	MINNEAPOLIS	MINN	475838	826

# DCASR GEOGRAPHICAL BOUNDARIES AND COMPONENTS



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5

DOESN'T MILITARY SPENDING CREATE MORE JOBS?

This question may be raised in press conferences, meetings or public hearings around our demand that the military budget be cut in order to provide more funds for unemployment programs. Although our demand has nothing to do with cutting military spending in order to stimulate the private sector of the economy, these facts gathered by bourgeois economists might provide part of an interesting answer to the above question.

during peacetime

The answer is NO...high military spending <sup>λ</sup> actually creates unemployment.

1.) Although military spending has stimulatory effects on certain geographical areas (Washington, Texas, Mississippi), high military expenditures are positively correlated with a decrease in expenditures on consumer goods. For every dollar spent on Defense, fewer jobs are created than if the money were spent by consumers and the private sector, including state and local government. Where military expenditures go for military hardware, the labor input is a small component compared to the product of civilian goods and services. The sectors hardest hit are durable goods, services and state and local government...these are the areas where Michigan is most dependent for jobs and income (cars and tourism). If money were taken out of military contracting, and through a tax cut, put towards civilian needs, these monies would stimulate the market for consumer goods at such a rate that approximately 20,000 jobs in Michigan would be created per billion dollars transferred.

2.) Statistics from the Congressional Record (May 23, 1972 H 4917) show that for every one billion dollars of expenditures, the Department of Defense creates fewer jobs than any other governmental department (except NASA, which is Dept. of Defense as far as we are concerned.)

Type of Job Created by Federal Dept.	Number of Jobs Created per \$One Billion Expenditure
NASA	10,000 jobs
Teachers	100,000
School Construction	50,000
Nurses	77,000
Public Housing	76,000
Sewer Construction	76,000
Job Corps	151,000
Defense	48,000

(Research Collective has the references, in case anyone ever needs them.)

DISCUSSION OF UNEMPLOYMENT AMONG UAW MEMBERS

The U.S. Dept. of Labor announced in January, 1975, that 1.1 million persons had lost their jobs during Nov. and Dec. of 1974. This was the highest rate of loss since 1945 when 2.2 million persons lost their jobs during July and August. The net number of jobs lost throughout 1974 was 1.2 million. The national unemployment rate for urban areas was 14.3% in the last quarter of 1974, up from 10.5% for the same period in 1973. During 1973, the percentage of unemployment among factory workers was 3.9%. In Oct., 1974 this figure was up to 6.2%. The number of auto workers employed by the Big 4 Auto Makers has declined dramatically, as is shown by this table.

Auto Industry Employment

	<u>Oct.- Nov. 1974</u>	<u>Oct.- Nov. 1973</u>	<u>Change</u>
General Motors	376,000	449,000	-73,000
Chrysler	114,000	124,000	-10,000
Ford	180,500	181,600	- 1,100
AM	23,800	21,200	+ 2,600

A January 9, 1975 press release from Woodcock listed 300,000 UAW members as laid off indefinitely in the USNA as a result of production cut backs by the Big Four. An estimate for the number of autot workers who will be laid off by March, 1975 was given as 1,000,000 workers (due to production cutbacks in the Big Four and their major suppliers). This projection was based on U.S. Dept. of Labor Statistics. It is a fact that the UAW consistently overestimates the number of unemployed workers, while the companies underestimate. The newspapers and major media get their figures from the companies, so UAW Research Dept. says the national estimate of 6 million unemployed ~~XXXX~~ (7.1%) is an underestimate.

Reliable, up-to-the-minute reports on the exact number of workers laid off by each of the auto makers is extremely difficult to obtain without very tight connections (which we don't have yet). However, we have compiled these summaries on the number of workers on indefinite lay off from the Big Three. These figures are underestimates.

Ford

Ford has 20 North American assembly plants, and currently employs 178,500 workers. In early December, Ford had 21,400 workers on temporary lay off, and 15,500 on indefinite lay off. Here are some figures broken down by various assembly plants.

Indefinite Lay Off:	Dearborn Assembly	650	
	Dearborn Stamping	250	
	St. Thomas	300 production workers	
	Metuchen	575 production	
	Engineering & Styling Center	400 salaried	
	Indianapolis Steering Gear	350	
	Fairfax, Ohio transmission	350	
	Dearborn Tool & Die	545	
	Permanent Lay Off:	Total Number	7.075
		Woodhaven Stamping	150
Sterling Chassis		100	

Dearborn Tool & Die	100
Green Is., N.Y. Heater & Radiator	225
Cleveland Engine	75
Chicago Stamping	75
Maumee, Ohio Stamping-	50
Indianapolis Steering	225.

### Chrysler

Chrysler has 29 plants, is the areas largest industrial employer, with 86,091 hourly and salaried employees in this area. In November, 1974, 26,600 workers were on temporary and permanent lay off from Chrysler. Chrysler had plans to idle 63,700 hourly and 20,000 salaried workers in the early part of 1975.

Indefinite Lay Offs:	Kokoms & Indianapolis parts plants	600 production
	Newark, Del.	3,900
	Lyons Trim Plant	650

Due to Elimination of  
Second Shifts:

Jefferson Assembly, 5,875 work force reduced to  
3,400 by indefinite layoff.

Newark, Del. & St. Louis, Mo.	3,700
Hamtramck Assembly	1,800

### General Motors

GM had an average work force of 399,224 in October, 1974. This is down 16.5% from the 442,439 employed in Oct., 1973. GM has scheduled 36,000 workers for indefinite lay off. By the end of January, 1975, 92,000 hourly workers will be laid off (excluding component parts producers lay offs). Between January and March, 1975, 41,000 hourly workers will also be affected by temporary layoffs.

Indefinite Lay Offs:	Lordstown, Ohio	2,100
	Buick Flint	3,500
	Willow Run	700

### ASSOCIATED INDUSTRIES

20,000 firms regularly do business with the auto makers; 20,000-40,000 do business with them occassionally. Here is a partial listing of lay offs in associated industrials caused by auto production cutbacks.

American Auto Felt Corp.	Lyons, Mich. (Chrysler supplier)	620 out of 730 on indefinite lay off.
Barg-Warner Corp.	Chicago, Detroit, Muncie, Ind.	500
Bendix Corp.	St. Joseph, Windsor, Elyria, South Bend.	700-800
Delco Remy	Anderson, Ind. (GM supplier)	1,000
Detroit League for the Handicapped	(Big- 3 supplier)	600 out of 1,000 on indefinite layoff
Douglas & Lomason Co.	PLANT CLOSING. (Big 3 supplier)	137
Goodyear Tire and Rubber	Jackson, Mich. (Chrysler supplier).	800 to 1,900 workers on 4 day, 32 hour week.
Monroe Auto Equipment Co.	Monroe, Mich.	150 out of 3,000.

7.

LABOR FORCE SUMMARY for the month of October, 1974.

This table was taken from the latest issue of the Manpower Review published by MESAC...it is out of date, but contains several interesting features. It shows how many thousands of workers are engaged in each type of industry in those areas of Michigan which have persistent, significant unemployment. Percentage of unemployed labor force for each city appears at the top of the table; number of workers in thousands involved in labor disputes appears at the bottom of the table. Notice that except for Detroit, there appears to be no relationship between the rate of unemployment and the number of workers involved in disputes. Flint, for example, which has the 2nd highest unemployment rate in Michigan, did not have even 1000 workers involved in labor disputes during Oct., 1974.

LABOR FORCE SUMMARY

MAJOR LABOR AREAS  
PRELIMINARY ESTIMATES  
OCTOBER 15, 1974  
(In Thousands)

NOVEMBER 1974

MICHIGAN MANPOWER REVIEW

ITEM	Michigan	Detroit	Ann Arbor Ypsilanti	Battle Creek	Bay City	Benton Harbor	Flint	Grand Rapids	Jackson	Kalamazoo Portage	Lansing E. Lansing	Muskegon Muskegon Heights	Seginaw	Upper Peninsula
<b>CIVILIAN LABOR FORCE By Place of Residence</b>														
CIVILIAN LABOR FORCE	3,852.9	1,874.0	117.9	80.2	45.8	74.2	198.0	252.2	65.9	117.7	198.7	70.1	90.3	119.4
Employment	3,574.5	1,722.9	111.3	75.1	43.2	69.5	184.4	237.5	62.1	111.6	188.5	65.5	85.1	111.8
Unemployment	278.4	151.1	6.6	5.1	2.6	4.7	13.6	14.7	3.8	6.1	10.2	4.6	5.2	7.6
Rate (Percent of Civilian Labor Force)	7.2	8.1	5.6	6.4	5.7	6.3	6.9	5.8	5.8	5.2	5.1	6.6	5.8	6.4
<b>WAGE AND SALARY EMPLOYMENT By Place of Work</b>														
WAGE AND SALARY EMPLOYMENT	3,267.4	1,680.9	116.0	66.0	31.9	63.9	181.1	216.5	53.1	96.0	16.4	57.8	79.9	90.7
Manufacturing Industries	1,137.1	598.9	37.5	25.8	10.4	28.1	78.7	79.3	18.1	34.5	39.0	24.2	33.5	15.4
Durable goods industries	916.3	503.9	33.0	15.8	7.9	23.1	74.9	59.8	14.8	17.1	34.8	20.6	30.6	11.0
Lumber and wood products (24)	12.8	1.9	.3	a/	.2	.4	.1	1.6	a/	.5	.4	.2	.1	3.5
Furniture and fixtures (25)	24.3	2.1	-	a/	a/	.2	a/	12.4	a/	a/	.3	1.7	.2	.9
Metal industries	234.4	131.4	2.7	4.1	.7	7.6	11.4	19.0	2.9	6.3	4.7	8.8	13.3*	1.3
Primary metal products (33)	105.3	56.9	.3	1.5	x	5.8	x	4.6	.9	1.9	2.5	7.4	x	1.0
Fabricated metal products (34)	129.2	74.5	2.3*	2.5	x	1.7	x	14.4	2.1	4.4	2.2	1.3	x	.3
Machinery (non-electrical) (35)	165.3*	95.2	2.4	9.2	a/	3.9	1.3	13.2	3.8*	3.9	2.4	3.1	3.3	3.1
Electrical machinery (36)	50.3	9.5	a/	a/	a/	5.2	1.7	6.1	a/	.8	.3	a/	a/	a/
Transportation equipment (37)	383.1	241.8	16.6	a/	3.6	5.1	58.7	2.1	6.3	3.3	25.3	.5	12.7	.4
Motor vehicles and equipment (371)	372.5*	238.1	x	x	x	x	x	x	x	x	25.3*	x	x	x
Other trans., equip., (372-375, 379)	10.6	3.7	x	x	x	x	x	x	x	x	.1	x	x	x
Other durable goods industries	46.1*	22.0	11.1	2.5	3.4	.7	1.1	5.4	1.8	2.3	1.4	1.4	.9	1.8
Non-durable goods industries	220.9	95.0	4.5	10.0	2.5	5.0	3.9	19.5	3.3	17.3	4.2	3.7	2.8	4.4
Food and kindred products (20)	51.0	19.7	.6	7.8	1.2	1.2	1.5	4.6	.4	2.0	.9	.9	1.6	.9
Textile mill products & apparel (22-23)	27.1	17.6	b/	b/	b/	b/	.1	3.7	b/	b/	b/	.1	b/	b/
Paper and allied products (26)	25.7*	5.0	b/	1.4	b/	1.0	.5	1.7	b/	6.4	b/	b/	b/	2.3
Printing, publishing, & allied (27)	34.0	19.0	1.7	b/	b/	1.0*	1.0	3.2	b/	1.5	1.4	.3	.5	.8
Chemicals, petroleum, & related (28-29)	49.2	19.1	b/	b/	b/	.1	b/	3.0	b/	5.7	.3	.8	.6	b/
Other non-durable goods (21, 30, 31)	33.8	14.6	2.2	.9	1.4	1.7	.8	3.4	3.0	1.7	1.6	1.6*	.1	.5
Private Non-Manufacturing Industries	1,574.6	841.4	38.4	28.2	16.6	28.1	76.5	113.8	26.4	43.5	72.7	24.8	36.8	46.1
Construction (15-17)	119.3	59.5	2.4	2.1	1.1	3.9	7.5	10.6	2.1	4.1	7.5	2.1	2.8	5.6
Trans., commun., and utilities (40-49)	151.8	80.0	2.3	2.4	1.9	2.3	7.2	9.3	4.4	3.1	3.8	3.2	3.8	4.7*
Wholesale trade (50)	149.6	77.4	1.2	1.2	1.6	1.5	8.6	11.0	1.5	2.6	5.0	1.9	3.3	2.3
Retail trade (52-59)	503.2	261.9	13.5	9.0	6.4	10.2	25.1	38.4	8.6	16.1	25.0	8.6	11.8	12.7
Finance, real estate & insurance (60-67)	128.5	73.5	3.0	3.8	.9	1.7	5.1	8.1	1.5	3.0	6.9	1.5	3.4	2.6
Service (70-89)	509.1	288.2	16.0	9.8	4.7	8.5	23.0	36.4	8.4	14.6	24.5	7.4	11.8	10.5
Mining (10-14)	13.1	0.9	c/	-	c/	-	-	.1	-	-	c/	.1	-	7.8
Government	555.7	240.6	40.1	12.0	4.9	7.7	25.8	23.4	8.6	18.0	52.3	8.7	9.7	29.3
Federal (91)	54.5	31.6	2.3	3.3	.2	.4	1.4	1.8	.5	1.0	2.4	.4	1.0	3.9
State (92)	125.8	26.3	30.3	.5	.2	.5	1.6	2.2	1.5	7.9	33.2	.9	1.0	7.2
Local (93)	375.4	182.7	7.5	8.2	4.4	6.8	22.8	19.4	6.6	9.1	16.8	7.4	7.6	18.2
WORKERS INVOLVED IN LABOR DISPUTES	6.0	1.8	.7	-	-	1.3	-	.1	.3	.3	.1	.2	.1	.2

Source: MICHIGAN EMPLOYMENT SECURITY COMMISSION -- Research and Statistics Division

\* Indicates a labor-management dispute involving more than 500 workers exists in the industry.

a/ Employment included in other durable goods to avoid disclosure.

b/ Employment included in other non-durable goods to avoid disclosure.

c/ Employment included in Services.

8.

CETA UPDATE

Our latest report indicates that Detroit will receive a total of \$49.2 million under CETA VI in 1975. The previous figure we gave of \$16.4 million was only the first batch of funds that will be coming into the city. Figuring 10% administrative overhead and \$7,800 annual salary per job (this is the national average), CETA VI should provide a maximum of 5,700 public service jobs in Detroit. Obviously, this is greatly in excess of what is needed to rehire city employees. This information strengthens our demand that the working class be notified promptly and efficiently concerning the availability of CETA money and how to apply for it. The Federal Regulations mandate that the Office of Manpower publish notices about CETA positions in major newspapers and minority newspapers. In our opinion, a legal notice on the classified page is NOT SUFFICIENT information. So far as we know, people now have to go to the 6th floor of the City-County Bldg., Civil Service Employment Office and look on the bulletin board in order to determine CETA positions.

Since much of the CETA money will be given as grants to private non-profits organizations and public employers, we should also demand to know Detroit's priorities in granting CETA funds and demand that Detroit make the needs of the unemployed the first priority in handing out this money, not the needs of city government.

Comrades in Citizens District Councils and Community Councils should start making proposals that their community council apply for CETA money. It appears that HUD money can be used to buy raw materials, and CETA money can be used to pay the salaries of workers on housing construction and renovation jobs. Research & Intelligence can provide much more information on this if it is needed.

Attached to this report are the Federal Rules & Regulations governing CETA VI -- study them carefully in order to back up our demands.



(11)

BACKGROUND MATERIAL ON COMMON COUNCIL SUBCOMMITTEE MEMBERS

Kelly's major political backing is drawn from the building trades unions and police and firemans unions; he himself is a former building inspector. Liberal unions (UAW) did not support him. He drinks to excess and may be an alcoholic; when drunk he frequently blames Detroit's problems on "them niggers" (direct quote). He is the most reactionary of the councilmembers, but usually quite passive at council meetings. He himself was not terribly enthusiastic about the public hearing, and only volunteered to be a member after Hood prodded him, saying that members of his constituency would approve. Kelly may support demands that CETA be administered legally and efficiently, however, in the interests of economic conservatism -- he might like to see the taxpayer's money going directly to CETA recipients; with little spent on administrative overhead.

Browne is the next most conservative member of the subcommittee. He may be described loosely as an agent of the comprador bourgeoisie; a weak liberal who ran for office as an "acceptable black man" within an Anglo-dominated political machine. He is not an important figure in the council -- at 50 plus years of age, he has reached the apex of his career in the common council, which ins't saying much, considering the low pay and relatively low political distinction of the council position. His position on economic issues is unstable; he probably leans whichever way the constituent winds are blowing. During our original presentation of the petitions to the council, he was the councilmember who said that two years ago he had been very concerned about high unemployment rates among Detroit's youth.

Cleveland and Hendersom cluster together as the middle-range liberals of this subcommittee. He is an ex-CORE volunteer; he has been involved in consumer issues and consumer education; he worked in the community self-determination committee of New Detroit. When he ran for common council, he had the support of all the New Detroit fat cats. He is a typical petty bourgeoisie opportunist -- sometimes coming out as the "voice of the people" and sometimes as the voice of the fat cats. His primary function in the council seems to be telling the bourgeoisie what the workers and national minorities are thinking, what their problems are -- all the better to cool them out. He has not been strongly associated with any black nationalist stendencies, but in his own view, he ran for council in order to represent "his people". He would probably support some of our minor demands, but don't count on him too much. He is wishy-washy and passive; probably capable of being totally dominated by Levin.

Henderson is the product of liberal coalitions -- Urban Alliance, NAACP, Interfaith Alliance. She has no really strong allegiance to any of the fat cats; is a more straight forward "voice of the people: in that she frequently puts forward the concerns and complaints of individuals and organizations within the petty bourgeois and working classes who have come to her for help. She seems to be without guile and without political analysis. She usually displays a gut-level, instinctive support of "the poor", "the liberal view", etc. She may support our demands, but with a

fiscal responsibility stipulation-- "we can't tax the people to the poor house".

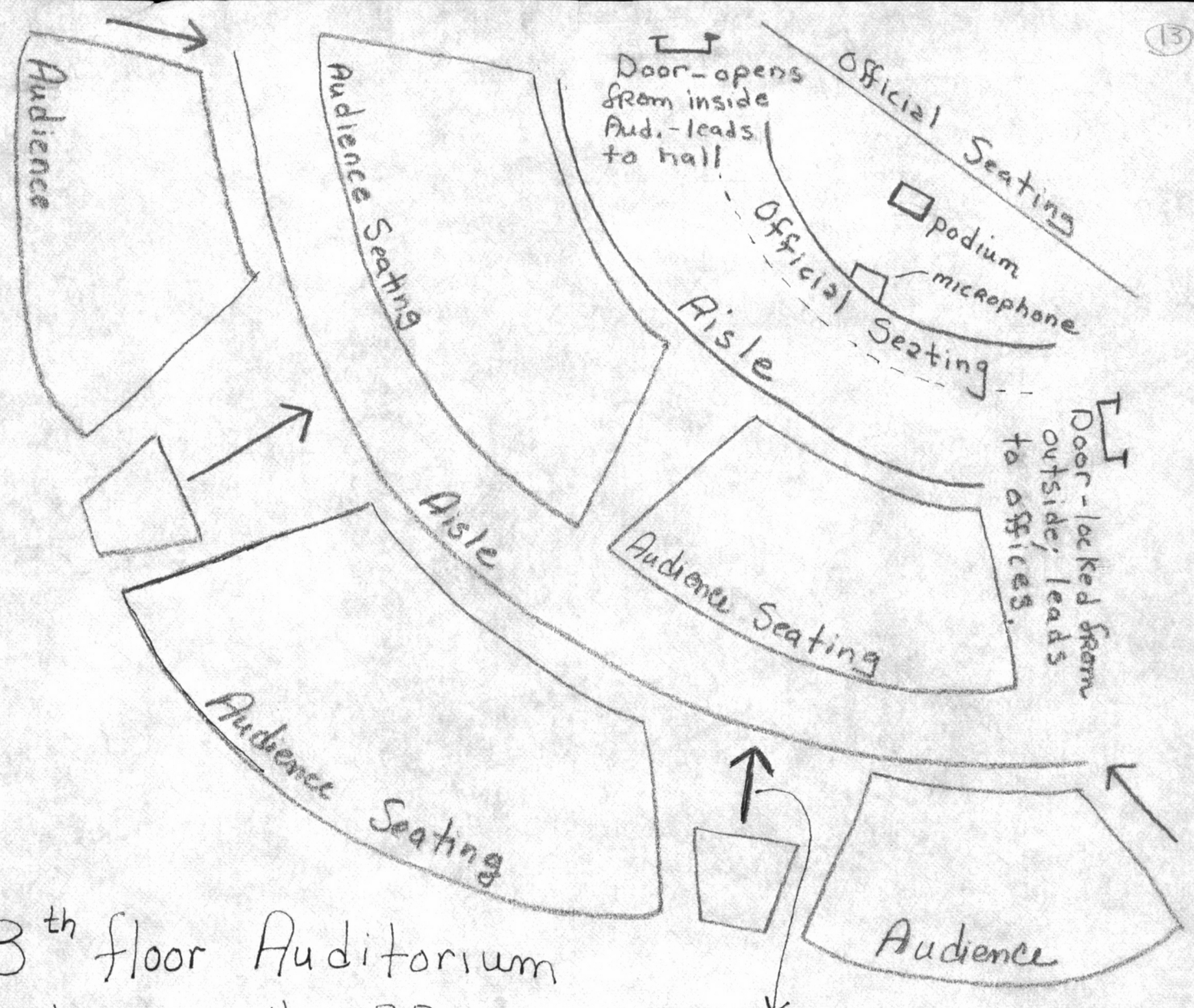
Mahaffey is the strongest, most left-leaning member of the subcommittee. She is an ex-social worker with a background in civil rights work. She is a member of Peoplefor Economic Justice (PEJ) which began last year blowing a Social Democratic line on unemployment and military spending, but which has moved steadily to the right since then and now supports high military expenditures because they "create more jobs". As an individual, she is a social democrat of sorts on economic issues. In common council meetings she frequently exercises talking leadership; she is aggressive in her manner of questioning, will support a position she feels is just but will not tolerate being pushed too far. Mahaffey is probably the only member of this subcommittee with the strength to stand up against Levin; but this she will not do. Levin and Mahaffey are allies, and she agrees with Levin's steering of the common council against Coleman.

SUMMATION

The greatest danger in the public hearing is obviously not that the subcommittee will refuse to co-operate with us and reject our demands completely. In our opinion this subcommittee will be influenced by the left-liberal tendencies of Mahaffey and will probably react with "unofficial sympathy" to the problems we present. The greatest threat lies in the possibility that the subcommittee will be (1.) sympathetic towards us (2.) very well informed about everything (3.) cool and collected in telling us what we can and cannot do and (4.) full of their own ideas and information about how the city is going to solve these problems. In other words, the danger is that the subcommittee itself may not unite with anything beyond the extent to which the full council will unite. Perhaps Levin has already given them instructions to put us in our place now -- but to do this in a manner which defuses our arguments by showing that the common council really cares, it really is doing something and it is very wise and knows what should and shouldn't be done. This could weaken our strategy of comparing their subcommittee promises with the full council betrayal. For example, we have just received word that Coleman and his Dept. Directors are visiting Washington sometime this week with a "shopping list" to give to Ford. This list will include all of Detroit's major problems, together with an estimate of how much money is needed to fund programs to solve the problems. The total cost of the "groceries" will be over \$ONE BILLION. So clearly, if common Council tells us that the mayor is doing this, we would be in a difficult position to put plain forward an independent demand around asking for more funds from Washington. Coleman's grandstanding could cost us the power of that demand.

We should not assume that the subcommittee will unite with some demands and Levin will unite with a very few or none. Levin's strategy in using a subcommittee for the public hearing only means that he has more maneuvering room when he answers us, not that the subcommittee will necessarily promise us anything.

Be prepared for cool and calculated control.



13<sup>th</sup> floor Auditorium  
Seating capacity = 350.

The auditorium is a semi-circular amphitheatre. Officials sit on a slightly raised platform. The audience sits in rows which are raised successively in tiers.

Exit procedures are complex: some of the audience must ascend, others must descend in order to exit.

These arrows represent stairways which are entrances & exits. There are 4 of them, leading from the 13<sup>th</sup> floor foyer up into the auditorium.