

ENCLOSURE A-ITEM 1

EPA AEROMETRIC INFORMATION RETRIEVAL SYSTEM (AIRS)  
 AIR QUALITY SUBSYSTEM  
 QUICK LOOK REPORT  
 INDIANA

AMP450

0 CARBON MONOXIDE (42101)

PAGE A-1

UNITS: 007 PPM

SITE ID	C T CITY	COUNTY	ADDRESS	YR	ORG #	OBS	MAX 1-HR 1ST	MAX 1-HR 2ND	OBS> 35	MAX 8-HR 1ST	MAX 8-HR 2ND	OBS> 9	METH
18-089-0015	1 2 EAST CHICAGO	LAKE CO	901 EAST CHICAGO AVE PO	87	001 8203	14.0	11.4	11.4	0	5.0	4.5	0	011
18-089-0015	1 2 EAST CHICAGO	LAKE CO	901 EAST CHICAGO AVE PO	88	001 8179	9.2	9.0	9.0	0	4.4	4.2	0	011
18-089-0015	1 2 EAST CHICAGO	LAKE CO	901 EAST CHICAGO AVE PO	89	001 7889	7.5	7.3	7.3	0	4.6	4.0	0	011
18-089-0015	1 2 EAST CHICAGO	LAKE CO	901 EAST CHICAGO AVE PO	90	001 7339	10.6	9.9	9.9	0	4.4	3.8	0	000
18-089-0015	1 2 EAST CHICAGO	LAKE CO	901 EAST CHICAGO AVE PO	91	001 8570	22.4	9.9	9.9	0	5.5	4.6	0	000
18-089-0015	1 2 EAST CHICAGO	LAKE CO	901 EAST CHICAGO AVE PO	92	001 8271	7.4	7.0	7.0	0	5.0	4.2	0	000
18-089-0015	1 2 EAST CHICAGO	LAKE CO	901 EAST CHICAGO AVE PO	93	001 8499	10.6	10.4	10.4	0	5.4	5.0	0	054
18-089-0015	1 2 EAST CHICAGO	LAKE CO	901 EAST CHICAGO AVE PO	94	001 8561	8.2	8.1	8.1	0	5.7	4.6	0	054
18-089-0015	1 2 EAST CHICAGO	LAKE CO	901 EAST CHICAGO AVE PO	95	001 7900	10.6	8.2	8.2	0	5.3	3.7	0	054
18-089-0015	1 2 EAST CHICAGO	LAKE CO	901 EAST CHICAGO AVE PO	96	001 8561	6.5	6.5	6.5	0	3.3	2.8	0	054
18-089-0021	1 2 GARY	LAKE CO	15TH AVE AND BROADWAY	89	001 2091	8.5	7.1	7.1	0	3.9	3.8	0	054
18-089-0021	1 2 GARY	LAKE CO	15TH AVE AND BROADWAY	90	001 8149	6.5	6.4	6.4	0	4.4	4.2	0	011
18-089-0021	1 2 GARY	LAKE CO	15TH AVE AND BROADWAY	91	001 8520	6.9	5.0	5.0	0	3.6	3.5	0	000
18-089-0021	1 2 GARY	LAKE CO	15TH AVE AND BROADWAY	92	001 8288	11.5	7.8	7.8	0	6.2	4.5	0	000
18-089-0021	1 2 GARY	LAKE CO	15TH AVE AND BROADWAY	93	001 8212	7.9	7.2	7.2	0	4.5	4.4	0	054
18-089-0021	1 2 GARY	LAKE CO	15TH AVE AND BROADWAY	94	001 8543	9.7	8.6	8.6	0	8.2	6.5	0	054
18-089-0021	1 2 GARY	LAKE CO	15TH AVE AND BROADWAY	95	001 8625	7.9	6.8	6.8	0	4.3	4.0	0	054
18-089-0021	1 2 GARY	LAKE CO	15TH AVE AND BROADWAY	96	001 8378	9.0	8.9	8.9	0	5.0	3.7	0	054
18-089-1016	1 2 GARY	LAKE CO	FEDERAL BLDG 6TH AVE & C	87	001 7771	22.3	14.2	14.2	0	9.2	5.2	0	011
18-089-1016	1 2 GARY	LAKE CO	FEDERAL BLDG 6TH AVE & C	88	001 8024	13.5	10.1	10.1	0	5.8	5.2	0	011
18-089-1016	1 2 GARY	LAKE CO	FEDERAL BLDG 6TH AVE & C	89	001 2107	9.9	8.2	8.2	0	5.1	4.3	0	011
18-097-0034	1 1 INDIANAPOLIS	MARION CO	1 WEST WASHINGTON, L. S.	87	008 8478	10.1	9.9	9.9	0	6.3	6.1	0	011
18-097-0034	1 1 INDIANAPOLIS	MARION CO	1 WEST WASHINGTON, L. S.	88	008 8639	10.8	9.1	9.1	0	4.9	4.7	0	011
18-097-0034	1 1 INDIANAPOLIS	MARION CO	1 WEST WASHINGTON, L. S.	89	008 8667	7.3	6.8	6.8	0	5.3	4.6	0	000
18-097-0034	1 1 INDIANAPOLIS	MARION CO	1 WEST WASHINGTON, L. S.	90	008 8501	8.7	7.7	7.7	0	4.9	4.8	0	054
18-097-0061	1 2 INDIANAPOLIS	MARION CO	1 WEST WASHINGTON, L. S.	92	008 1331	6.6	5.4	5.4	0	6.8	4.6	0	054
18-097-0061	1 2 INDIANAPOLIS	MARION CO	17 NORTH PENNSYLVANIA ST	87	008 8278	12.7	11.2	11.2	0	7.2	6.8	0	011
18-097-0061	1 2 INDIANAPOLIS	MARION CO	17 NORTH PENNSYLVANIA ST	88	008 8674	11.1	10.8	10.8	0	6.4	5.8	0	011
18-097-0065	1 3 INDIANAPOLIS	MARION CO	723 NORTH DELAWARE	89	008 2740	4.5	3.6	3.6	0	5.1	4.8	0	011
18-097-0068	1 2 INDIANAPOLIS	MARION CO	222 EAST OHIO STREET, HEA	87	008 7749	10.1	9.2	9.2	0	2.7	2.1	0	000
18-097-0068	1 2 INDIANAPOLIS	MARION CO	222 EAST OHIO STREET, HEA	88	008 8487	9.0	7.1	7.1	0	5.0	4.2	0	011
18-097-0068	1 2 INDIANAPOLIS	MARION CO	222 EAST OHIO STREET, HEA	89	008 8374	7.6	7.1	7.1	0	3.8	3.8	0	011
18-097-0070	1 1 INDIANAPOLIS	MARION CO	1885 N ARLINGTON, NAVAL	87	001 8015	13.9	13.1	13.1	0	4.1	3.9	0	000
18-097-0070	1 1 INDIANAPOLIS	MARION CO	1885 N ARLINGTON, NAVAL	88	001 7936	7.5	7.4	7.4	0	6.6	5.8	0	011
18-097-0070	1 1 INDIANAPOLIS	MARION CO	1885 N ARLINGTON, NAVAL	89	001 8237	6.9	6.3	6.3	0	3.4	3.4	0	011
18-097-0072	1 2 INDIANAPOLIS	MARION CO	50 NORTH ILLINOIS STREET	90	001 1293	4.6	4.4	4.4	0	4.2	3.7	0	011
18-097-0072	1 2 INDIANAPOLIS	MARION CO	50 NORTH ILLINOIS STREET	91	008 7713	9.7	8.3	8.3	0	3.1	2.6	0	012
18-097-0072	1 2 INDIANAPOLIS	MARION CO	50 NORTH ILLINOIS STREET	92	008 8527	16.4	10.0	10.0	0	4.6	4.5	0	054
18-097-0072	1 2 INDIANAPOLIS	MARION CO	50 NORTH ILLINOIS STREET	93	008 8388	8.6	6.6	6.6	0	7.1	5.9	0	054
18-097-0072	1 2 INDIANAPOLIS	MARION CO	50 NORTH ILLINOIS STREET	93	008 8408	11.7	11.1	11.1	0	4.7	4.0	0	054

\*Bold Type Indicates that the Monitor is in a Non-attainment Area

EPA AEROMETRIC INFORMATION RETRIEVAL SYSTEM (AIRS)  
 AIR QUALITY SUBSYSTEM  
 QUICK LOOK REPORT  
 INDIANA

AMP450  
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UNITS: 007 PPM

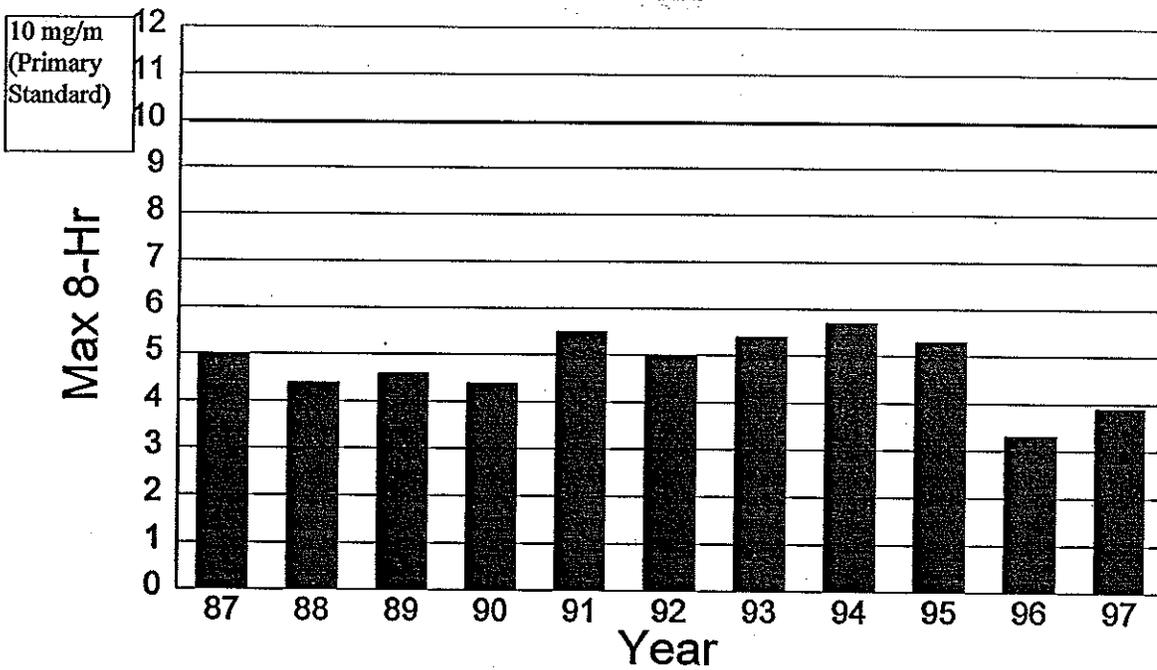
SITE ID	C T CITY	COUNTY	ADDRESS	REP YR	ORG #OBS	MAX 1-HR		MAX 8-HR		OBS> 35	OBS> 9	METH
						1ST	2ND	1ST	2ND			
018-097-0072	1 2 INDIANAPOLIS	MARION CO	50 NORTH ILLINOIS STREET	94	008 8467	7.1	6.5	4.5	3.9	0	0	054
18-097-0072	1 2 INDIANAPOLIS	MARION CO	50 NORTH ILLINOIS STREET	95	008 8545	8.0	6.7	4.8	4.2	0	0	054
18-097-0072	1 2 INDIANAPOLIS	MARION CO	50 NORTH ILLINOIS STREET	96	008 8067	6.1	5.3	3.3	3.1	0	0	054
18-097-0073	1 1 INDIANAPOLIS	MARION CO	50 NORTH ILLINOIS STREET	97	008 8678	6.6	6.1	4.0	3.9	0	0	054
18-097-0073	1 1 INDIANAPOLIS	MARION CO	NAVAL AVIONICS CENTER,	6 90	001 5979	8.0	7.0	5.3	3.4	0	0	012
18-097-0073	1 1 INDIANAPOLIS	MARION CO	NAVAL AVIONICS CENTER,	6 91	001 8121	7.6	7.5	5.0	4.4	0	0	051
18-097-0073	1 1 INDIANAPOLIS	MARION CO	NAVAL AVIONICS CENTER,	6 92	001 7773	7.2	6.7	3.9	3.0	0	0	051
18-097-0073	1 1 INDIANAPOLIS	MARION CO	NAVAL AVIONICS CENTER,	6 93	001 8570	8.0	7.6	4.6	3.6	0	0	051
18-097-0073	1 1 INDIANAPOLIS	MARION CO	NAVAL AVIONICS CENTER,	6 94	001 8630	7.5	6.6	4.5	3.0	0	0	000
18-097-0073	1 1 INDIANAPOLIS	MARION CO	NAVAL AVIONICS CENTER,	6 95	001 8642	7.4	5.7	4.0	3.5	0	0	000
18-097-0073	1 1 INDIANAPOLIS	MARION CO	NAVAL AVIONICS CENTER,	6 96	001 8711	4.0	3.7	2.6	2.4	0	0	054
18-097-0077	1 4 INDIANAPOLIS	MARION CO	9000 ZIONSVILLE ROAD IFL	95	033 6435	4.1	4.1	3.3	2.4	0	0	054
18-097-0077	1 4 INDIANAPOLIS	MARION CO	9000 ZIONSVILLE ROAD IFL	96	033 2310	2.7	2.6	1.8	1.8	0	0	054
18-097-0077	1 4 INDIANAPOLIS	MARION CO	9000 ZIONSVILLE ROAD IFL	96	033 2310	3.6	3.2	2.4	2.0	0	0	054

\*Bold Type Indicates that the Monitor is in a Non-attainment Area.

Address	Year	Max 8-Hr
E. Chicago Avenue	87	5
E. Chicago Avenue	88	4.4
E. Chicago Avenue	89	4.6
E. Chicago Avenue	90	4.4
E. Chicago Avenue	91	5.5
E. Chicago Avenue	92	5
E. Chicago Avenue	93	5.4
E. Chicago Avenue	94	5.7
E. Chicago Avenue	95	5.3
E. Chicago Avenue	96	3.3
E. Chicago Avenue	97	3.9

# CO Nonattainment-Lake Co.

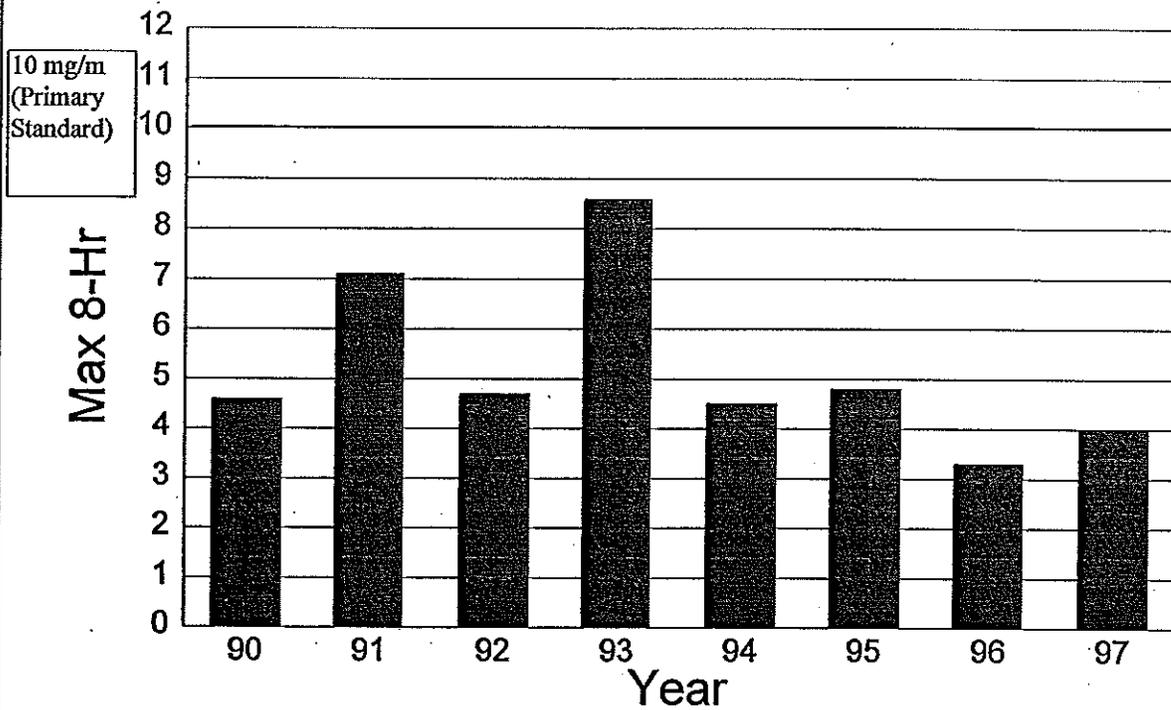
## East Chicago Avenue



Address	Year	Max 8-Hr
N. Illinois Street	90	4.6
N. Illinois Street	91	7.1
N. Illinois Street	92	4.7
N. Illinois Street	93	8.6
N. Illinois Street	94	4.5
N. Illinois Street	95	4.8
N. Illinois Street	96	3.3
N. Illinois Street	97	4

# CO Nonattainment-Marion Co.

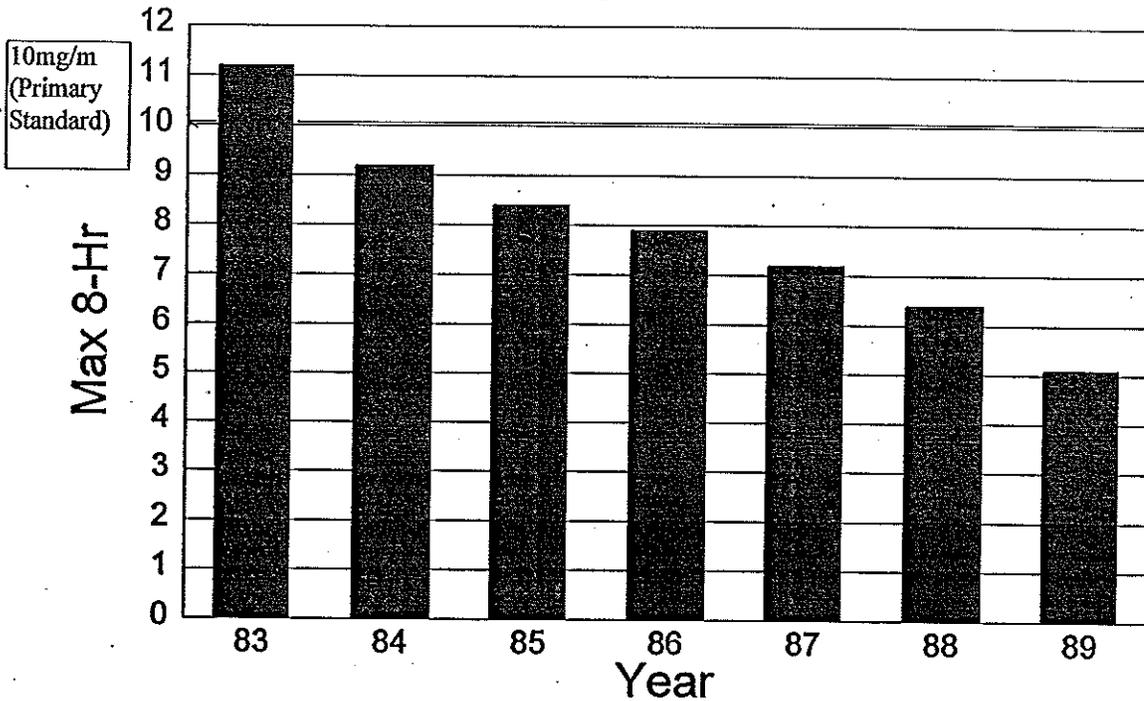
## North Illinois Street



Address	Year	Max 8-Hr
N. Pennsylvania	83	11.2
N. Pennsylvania	84	9.2
N. Pennsylvania	85	8.4
N. Pennsylvania	86	7.9
N. Pennsylvania	87	7.2
N. Pennsylvania	88	6.4
N. Pennsylvania	89	5.1

# CO Nonattainment-Marion Co.

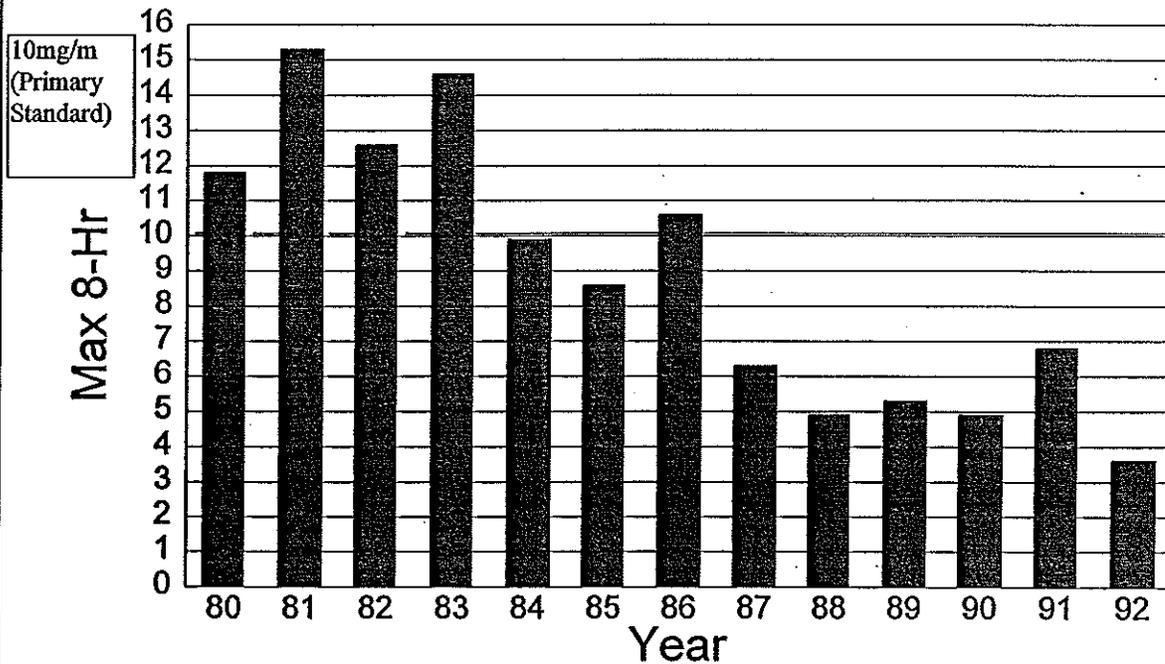
## North Pennsylvania Street



Address	Year	Max 8-Hr
W. Washington St.	80	11.8
W. Washington St.	81	15.3
W. Washington St.	82	12.6
W. Washington St.	83	14.6
W. Washington St.	84	9.9
W. Washington St.	85	8.6
W. Washington St.	86	10.6
W. Washington St.	87	6.3
W. Washington St.	88	4.9
W. Washington St.	89	5.3
W. Washington St.	90	4.9
W. Washington St.	91	6.8
W. Washington St.	92	3.6

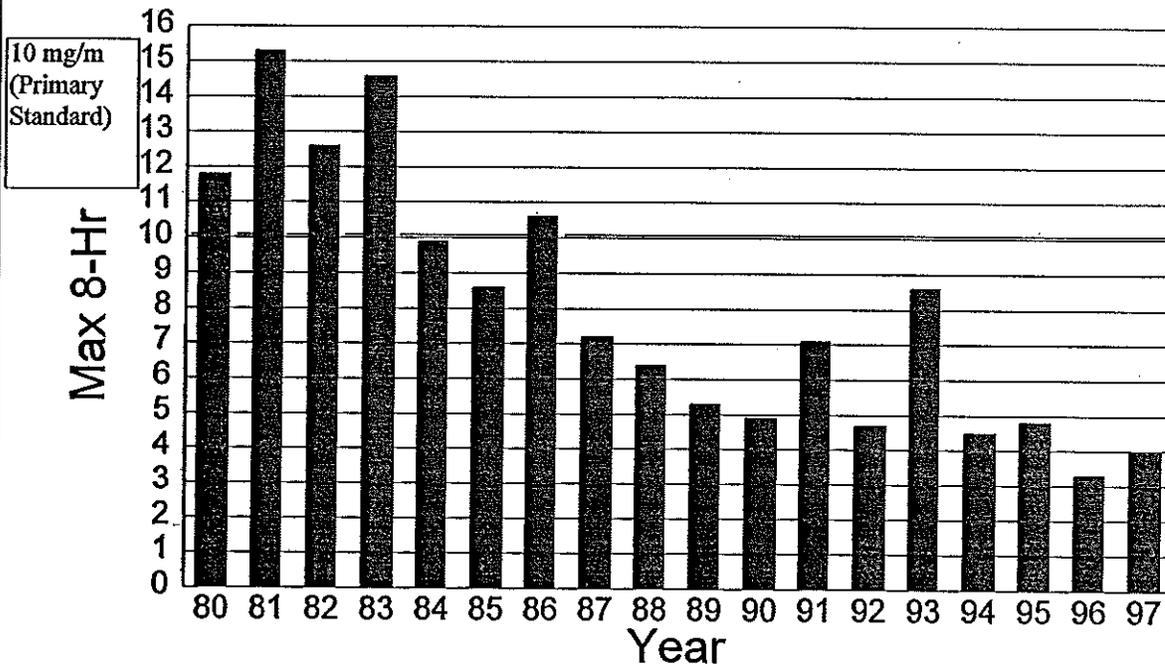
# CO Nonattainment-Marion Co.

## West Washington Street



Address	Year	Max 8-Hr
W. Washington St.	80	11.8
W. Washington St.	81	15.3
W. Washington St.	82	12.6
W. Washington St.	83	14.6
W. Washington St.	84	9.9
W. Washington St.	85	8.6
W. Washington St.	86	10.6
N. Pennsylvania St.	87	7.2
N. Pennsylvania St.	88	6.4
W. Washington St.	89	5.3
W. Washington St.	90	4.9
N. Illinois St.	91	7.1
N. Illinois St.	92	4.7
N. Illinois St.	93	8.6
N. Illinois St.	94	4.5
N. Illinois St.	95	4.8
N. Illinois St.	96	3.3
N. Illinois St.	97	4

# CO Nonattainment-Marion Co. Downtown Indianapolis



ENCLOSURE A - ITEM 3

MONITORING DATA - SUMMARIES

LAKE COUNTY

TABLE I

CARBON MONOXIDE LEVELS 1991-1997  
HIGHEST READINGS PER SITE

<u>Site</u>	<u>Highest Readings - ppm</u>		
	<u>1HR</u>	<u>8HR</u>	<u>Year</u>
East Chicago			
E. Chicago Avenue	22.4	5.5	1991
Gary			
15th Avenue & Broadway	11.5	6.2	1992
15th Avenue & Broadway	9.7	8.2	1994

As noted above and supported by the enclosed Quick Look Report, the highest 1 hour reading in Lake County during the seven years (1991-1997) was 22.4ppm (compared to a standard of 35). The highest 8 hour reading was 8.2ppm (compared to a standard of 9).

TABLE II

CARBON MONOXIDE LEVELS 1980-1997  
ALL EXCEEDANCES OF STANDARDS

<u>Site</u>	<u>Exceedances - ppm</u>		
	<u>1HR</u>	<u>8HR</u>	<u>Year</u>
East Chicago			
Indianapolis Boulevard	none	9.9 (+1)	1981
Gary			
Federal Building	none	9.2	1987
3600 W. 3rd Avenue	none	9.5	1981

(+) Indicates the number of additional 8 hour exceedances for that year at that location.

ENCLOSURE A - ITEM 3  
(continued)

MARION COUNTY

**TABLE III**  
CARBON MONOXIDE LEVELS 1991-1997  
HIGHEST READINGS PER SITE

<u>Site</u>	<u>Highest Readings - ppm</u>		
	<u>1HR</u>	<u>8HR</u>	<u>Year</u>
Indianapolis			
1 West Washington	10.3	6.8	1991
50 N. Illinois Street	16.4	7.1	1991
50 N. Illinois Street	11.7	8.6	1993
Naval Avionics Center	8.0	4.6	1993

As noted above and supported by the enclosed Quick Look report, the highest 1 hour reading in Marion County during the seven years (1991-1997) was 16.4ppm (compared to a standard of 35). The highest 8 hour reading was 8.6ppm (compared to a standard of 9).

**TABLE IV**  
CARBON MONOXIDE LEVELS 1980-1997  
ALL EXCEEDANCES OF STANDARDS

<u>Site</u>	<u>Exceedances - ppm</u>		
	<u>1HR</u>	<u>8HR</u>	<u>Year</u>
Indianapolis			
401 N. Randolph	none	14.2(+1)	1980
401 N. Randolph	none	19.2(+1)	1981
401 N. Randolph	none	12.2(+1)	1982
1 W. Washington	none	11.8(+11)	1980
1 W. Washington	none	15.3(+4)	1981
1 W. Washington	none	12.6(+4)	1982
1 W. Washington	none	14.6(+2)	1983
1 W. Washington	none	9.9(+1)	1984
1 W. Washington	none	10.6	1986
17 N. Pennsylvania	none	11.2	1983
17 N. Pennsylvania	none	9.2	1984

(+) Indicates the number of additional 8 hour exceedances for that year at that location.

ENCLOSURE B-ITEM 1

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0 AIRS FACILITY SUBSYSTEM QUICK LOOK REPORT  
 0 CO YEARLY EMISSIONS > 10 T/Y FOR MARION AND LAKE COUNTIES  
 0

COUNTY ID	PLANT NAME	EMISSIONS IN TONS/YR	POL	YR
0 LAKE	0003 AMER OIL CO 2831 INDIANAPOLIS BLVD 46394	4203.9910000	CO	85
	AMOCO OIL CO.-WHITING REFINERY	5301.9960000	CO	88
	AMOCO OIL COMPANY, WHITING REFINERY	5412.8310000	CO	90
		6523.9210000	CO	93
		6005.7090000	CO	96
		6130.5390000	CO	97
0069	ANR PIPELINE ST JOHN STAT	135.0000000	CO	85
	ANR PIPELINE NAT GAS	28.0000000	CO	88
	ANR PIPELINE NAT GAS_CO-ST. JOHN STATION	61.4900000	CO	90
		96.9650000	CO	93
		293.8505000	CO	96
		242.9645000	CO	97
0112	MARBLEHEAD LIME CO CLARK&LAKE MICHIGAN	7999.0000000	CO	85
	MARBLEHEAD LIME CO.	1009.1770000	CO	88
		1009.1770000		90
		461.9600000		96
		480.2880000	CO	97
0114	METHODIST HOSPITAL	25.1750000	CO	93
		25.1750000		96
		25.1750000		97
0117	NIPSCO DEAN H MITCHELL STATION GARY IN	205.9960000	CO	85
	NIPSCO-MITCHELL	404.9960000	CO	88
	NIPSCO - DEAN H MITCHELL STATION	313.7679000	CO	90
	NIPSCO-DEAN H MITCHELL STATION - GARY	299.5155000	CO	93
		295.0542000	CO	96
		320.7333000	CO	97
0119	LEHIGH PORTLAND CEMENT	22.0000000	CO	85
	LEHIGH PORTLAND	31.0000000	CO	88
0121	U.S.STEEL CORP. GARY WORKS PART I	104122.3500000	CO	85
		152982.8700000	CO	88
	U S STEEL CO GARY WORKS PART 1	55276.2100000	CO	90
	U S STEEL CO GARY WORKS	63894.0000000	CO	93
		84887.1000000		96
		94470.0000000	CO	97
0122	AMG RESOURCES CORP.	12.5125000	CO	90
0177	PRAXAIR, INC.	38.1195000	CO	97
0201	ADVANCED ALUMINUM PRODUCTS INC	147.3962000	CO	88
	JUPITER ALUMINUM CORPORATION	37.9716000	CO	90
0203	AMERICAN MAIZE-PRODUCTS COMPANY	102.0000000	CO	85
	AMERICAN MAIZE PRODUCTS COMPANY	950.8044000	CO	88
		67.6544900	CO	90
		93.9889300	CO	93
		82.1240000	CO	96
		68.8390000	CO	97

ENCLOSURE B-ITEM 1

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AIRS FACILITY SUBSYSTEM QUICK LOOK REPORT  
CO YEARLY EMISSIONS > 10 T/Y FOR MARION AND LAKE COUNTIES

COUNTY ID	PLANT NAME	EMISSIONS IN TONS/YR	POL	YR
LAKE	0204 AMERICAN STEEL FNDRY	48.000000	CO	88
	AMERICAN STEEL FOUNDRIES	48.345000	CO	90
	0208 CALUMET STEEL CASTING	16.775920	CO	88
	0208 CALUMET STEEL CASTING	16.606520	CO	90
	0210 COMMONWEALTH EDISON OF INDIANA	357.000000	CO	85
	COM ED-STATELINE	142.000000	CO	88
	COMMONWEALTH EDISON	147.967100	CO	90
		240.058100	CO	93
		155.845500	CO	96
		391.308500	CO	97
	0224 INDIANA IRON & METAL	18.000000	CO	88
	0229 LEVER BROTHERS COMPANY	21.997000	CO	85
	LEVER BROTHERS	17.915000	CO	90
	LEVER BROTHERS COMPANY	16.462500	CO	93
		16.781180	CO	97
	0242 STAUFFER CHEMICAL COMPANY	86.999000	CO	85
	0301 SAFETY-KLEEN OIL RECOVERY CO., INC.	19.727500	CO	93
		28.277500	CO	96
		28.277500	CO	97
	0302 AMERICAN STEEL FOUNDRIES	42.610000	CO	90
		136.283100	CO	93
		33.122500	CO	96
		27.108000	CO	97
	0305 BLAW KNOX FOUNDRY AND MILL MACHINERY	22.000000	CO	85-CLOSED
	0309 EAST CHICAGO MUNICIPAL INCINERATOR	598.000000	CO	85)
	EAST CHICAGO SANITARY DISTRICT	85.950000	CO	88) CLOSED IN 93
		73.909000	CO	90)
	0310 E 1 DUPONT DE NEMOURS AND COMPANY	12.000000	CO	85
	0316 INLAND STEEL INDIANA HARBOR WORKS	43794.287000	CO	85
	INLAND STEEL	22056.008000	CO	88
	INLAND STEEL FLAT PRODUCTS	43913.130000	CO	90
	INLAND STEEL COMPANY	41218.150000	CO	93
		43833.350000	CO	96
		43566.200000	CO	97
		49556.980000	CO	85
	0318 LTV STEEL COMPANY	30398.990000	CO	88
	LTV STEEL (J&L)	28698.540000	CO	90
	LTV STEEL COMPANY	30607.930000	CO	93
		20172.630000	CO	96
		20954.790000	CO	97

ENCLOSURE B-ITEM 1

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AIRS FACILITY SUBSYSTEM QUICK LOOK REPORT  
CO YEARLY EMISSIONS > 1.0 T/Y FOR MARION AND LAKE COUNTIES

COUNTY ID	PLANT NAME	EMISSIONS IN TONS/YR	POL	YR
LAKE	0326 PHILLIPS PIPELINE	11.6584800	CO	97
	0330 UNION CARBIDE CORP LINDE DIV EC 02 PLANT	17.0000000	CO	85
	UNION CARBIDE	17.0000000	CO	88
	PRAXAIR, INC.	19.1900000	CO	90
		18.7700000	CO	93
	0332 UNION TANK CAR COMPANY	16.0000000	CO	85
	0333 US GYPSUM	14.0000000	CO	88
	0333 UNITED STATES GYPSUM COMPANY	12.2575000	CO	90
		10.1600000	CO	96
	0334 U S REDUCTION	35.3160000	CO	90
	0336 WALLACE METALS INC	17.0000000	CO	88
	0435 PRAXAIR, INC.	11.6728000	CO	97
MARION	0005 BRIDGEPORT BRASS S HOLT & MINNESOTA INDY OLIN BRASS	33.0000000	CO	85
		29.0000000	CO	88
		18.5200000	CO	90
	BRIDGEPORT BRASS DBA OLIN BRASS	321.9090000	CO	93
	BRIDGEPORT BRASS D/B/A OLIN BRASS	165.2865000	CO	96
		165.2865000		97
	0008 CENTRAL SOYA CO 1160 W 18TH ST INDPLS 46	32.0000000	CO	85
	CENTRAL SOYA CO	33.0000000	CO	88
	CENTRAL SOYA COMPANY INC	44.4420000	CO	90
	0009 CENTRAL STATE HOSPITAL 3000 W WASHINGTON	24.0000000	CO	85
	0011 CHRYSLER CORP 2900 SHADELAND AVE INDY 46	38.0000000	CO	85
	CHRYSLER CORPORATION	14.7750000	CO	88
		14.7750000		90
	0012 CHRYSLER CORP IND FDY 1100 S TIBBS INDY	8988.0000000	CO	85
	CHRYSLER CORPORATION FOUNDRY	6609.0000000	CO	88
		22804.3100000	CO	90
		32196.9600000	CO	93**
		32273.2300000	CO	96
		25357.0000000	CO	97
	0014 NATIONAL RAILROAD PASSENGER CORPORATION	13.0000000	CO	88
	0017 DETROIT DIESEL ALLISON PLANT 3 4700 W 10	24.9960000	CO	85
	ALLISON TRANSMISSION DIV PLANT 3	62.9970000	CO	88
		34.6550000	CO	90
		31.2311000	CO	93
		33.7091000	CO	96
	0020 ALLISON TRANSMISSION DIVISION OF GMC	66.5807000	CO	97
	ILLINOIS CEREAL MILLS, INC./EVANS MILL	12.5800000	CO	96
		13.6500000	CO	97

\*\*Emissions for 1993 are incomplete. Therefore we used 1994 emissions here.

ENCLOSURE B-ITEM 1

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AIRS FACILITY SUBSYSTEM QUICK LOOK REPORT  
CO YEARLY EMISSIONS > 10 T/Y FOR MARION AND LAKE COUNTIES

COUNTY ID	PLANT NAME	EMISSIONS IN TONS/YR	POL	YR
0	MARION 0021	FORD MOTOR COMPANY 6900 ENGLISH AV 46219	CO	85
0		FORD MOTOR COMPANY	CO	88
0			CO	90
0			CO	93
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ENCLOSURE B-ITEM 1

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AIRS FACILITY SUBSYSTEM QUICK LOOK REPORT  
CO YEARLY EMISSIONS > 10 T/Y FOR MARION AND LAKE COUNTIES

COUNTY ID	PLANT NAME	EMISSIONS IN TONS/YR	POL	YR
0 MARION 0049	REILLY INDUSTRIES INC	29.9970000	CO	88
		9195.3150000	CO	90
		9716.6620000	CO	93
		3034.1300000	CO	96
		3328.6550000	CO	97
0051	REILLY INDUSTRIES, INC.	92.9890000	CO	85
	ROCK ISLAND REFINING	64.9870000	CO	88
	ROCK ISLAND REFINING	116.8424000	CO	90
	MARATHON PETROLEUM COMPANY	141.4162000	CO	93
	MARATHON OIL COMPANY	42.0000000	CO	85
0056	QUAKER OATS COMPANY	84.9990000	CO	88
	QUAKER OATS COMPANY	44.0000000	CO	85
0058	AT&T INFORMATION SYSTEMS	413.9970000	CO	85
0061	CITIZENS GAS & COKE 2950E PROSPECT ST	666.9950000	CO	88
	CITIZENS GAS & COKE	94.7955900	CO	90
		311.7663000	CO	96
		334.1613000	CO	97
0062	REXNORD CORP., ROLLER CHAIN OPERATION	19.0570000	CO	93
0064	SOUTHEAST DEVELOPMENT PARTNERSHIP	60.0000000	CO	85
0070	ALLISON GAS TURBINE DIVISION	172.0000000	CO	85
	ALLISON GAS TURBINE DIVISION - PLANT 5	140.0000000	CO	88
	ALLISON ENGINE COMPANY - PLANT 5	127.5600000	CO	90
	ALLISON ENGINE CO. INC. PLANT 8	22.9597000	CO	93
		90.0435000	CO	96
0071	ALLISON ENGINE COMPANY, INC. PLANT 5 & 8	39.9540800	CO	97
	ALLISON GAS TURBINE DIVISION - PLANT 8	82.9990000	CO	88
	ALLISON ENGINE COMPANY - PLANT 8	12.3111000	CO	90
	ALLISON ENGINE COMPANY, INC. - PLANT 8	12.3111000	CO	93
0079	QUEMETCO, INC.	27.4502000	CO	96
		307.8810000	CO	93
		177.4700000	CO	96
		13.3860000	CO	97
0082	F.E. HARDING ASPHALT COMPANY	24.9472000	CO	96
0095	PANHANDLE EASTERN PIPELINE CO 96TH AND Z	213.0000000	CO	85
	PANHANDLE EASTERN PIPELINE CO	213.0000000	CO	88
		173.9350000	CO	90
		264.6650000	CO	93
		344.3510000	CO	96
		312.0165000	CO	97

AIRS FACILITY SUBSYSTEM QUICK LOOK REPORT  
 CO YEARLY EMISSIONS > 10 T/Y FOR MARION AND LAKE COUNTIES

COUNTY ID	PLANT NAME	EMISSIONS IN TONS/YR	POL	YR
MARION 0123	OGDEN MARTIN SYSTEMS OF INDIANAPOLIS	17.0000000	CO	88
		482.6241000	CO	90
		72.0615000	CO	93
		100.0000000	CO	96
0188	KERR-MCGEE CHEMICAL CORPORATION - FPD	109.0000000	CO	97**
0287	CITIZENS GAS & COKE UTILITY - LNG SOUTH	13.3700000	CO	96
0310	ALLISON TRANSMISSION DIVISION OF GMC	21.5333100	CO	96
		59.2910000	CO	96

\*\*Estimated total based on emissions statement and previous data.

ENCLOSURE B - ITEM 2

EMISSION INVENTORY DATA

TREND SUMMARY

<u>County</u>	<u>Year</u>					
<u>Lake</u>	<u>1985</u>	<u>1988</u>	<u>1990</u>	<u>1993</u>	<u>1996</u>	<u>1997</u>
Total Emissions**	225,379	226,518	136,783	143,100	156,284	166,652
% From Plants > 1000 tpy	99+	99	99+	99+	99	99+
% From Plants > 100 tpy	99+	99+	99+	99+	99+	99+
# Plants > 1000 tpy	7	7	6	4	4	4
<u>Marion</u>	<u>1985</u>	<u>1988</u>	<u>1990</u>	<u>1993</u>	<u>1996</u>	<u>1997</u>
Total Emissions**	10,747	8,351	33,320	44,083	39,151	32,238
% From Plants > 1000 tpy	79	74	95	83	93	93
% From Plants > 100 tpy	95	93	98	97	99+	99
# Plants >1000 tpy	1	1	2	2	3	3

\*\*Total emissions of CO in tons per year for all plants with emissions greater than 10 tons per year.

ENCLOSURE C-ITEM 1

AIRS FACILITY SUBSYSTEM QUICK LOOK REPORT  
1996 DATA FOR LAKE COUNTY

PAGE: C-1

DATE: 06/09/98

PLANT ID	PLANT NAME	PT #	SEG #	DESCR	SEG EMISS	SCC	EMISS FACT	THRUPUT EFF	CONTROL EFF	M YR	GROWTH FACTOR
0 089 .0003	AMOCO OIL COMPANY, W	001	1	#3 POWER STN BOILERS	68.0875000	10200401	0.000000	0027235	0.000	8	1.000
		002	2	#3 POWER STN BOILERS	226.8350000	10200701	0.000000	0012962	0.000	8	1.000
		003	2	#1 POWER STN BOILERS	23.8700000	10200701	0.000000	0001364	0.000	8	1.000
		006	1	FCU 500 CAT	3090.8220000	30600201	0.000000	0030081	98.500	8	.588
		007	2	#11 PIPE PROCESS HEA	61.9500000	30600104	35.000000	0003540	0.000	9	1.000
			3	#11 PIPE PROCESS HEA	20.6500000	30600104	0.000000	0001180	0.000	8	1.000
			2	#12 PIPE PROCESS HEA	58.8175000	30600104	35.000000	0003361	0.000	9	1.000
			3	#12 PIPE PROCESS HEA	10.1675000	30600104	35.000000	0000581	0.000	9	1.000
		008	1	#1 CRU PROCESS HEA	16.6600000	30600104	0.000000	0000952	0.000	8	1.000
		009	1	#2 ISOM PROCESS HEA	31.3075000	30600104	0.000000	0001789	0.000	8	1.000
		010	1	#3 ULTRAFORMER HEATE	58.1000000	30600104	0.000000	0003320	0.000	8	1.000
		017	1	FCU 600 CAT	2125.1140000	30600201	0.000000	0019414	98.402	8	.588
		023	1	ARU 200A PRCS HEATE	25.0600000	30600104	0.000000	0001432	0.000	8	1.000
		024	1	ARU 200B PRCS HEATE	25.0600000	30600104	0.000000	0001432	0.000	8	1.000
		025	1	#4 ULTRAFORMER HEATE	139.2475000	30600104	0.000000	0007957	0.000	8	1.000
0069	ANR PIPELINE NAT GAS	006	1	12000 HP REC COMP EN	129.4280000	20200202	988.000000	0000262	0.000	9	1.000
		007	1	12000 HP REC COMP EN	140.7900000	20200202	988.000000	0000285	0.000	9	1.000
0114	METHODIST HOSPITAL	002	1	3 BOILERS #	25.0000000	10300501	5.000000	0010000	0.000	9	1.000
0117	NIPSCO-DEAN H MITCHE	001	1	UNIT NO 4 COAL USAGE	50.9766000	10100226	0.000000	0169222	0.000	8	1.000
		002	2	UNIT # 4 GAS USAGE	14.7200000	10100604	0.000000	0000735	0.000	8	1.000
		003	1	UNIT NO 5 COAL USAGE	63.4314000	10100226	0.000000	0211438	0.000	8	1.000
		004	1	UNIT NO 6 COAL	98.1723000	10100226	0.000000	0327241	0.000	8	1.000
0203	AMERICAN MAIZE PRODU	007	1	UNIT NO 11 COAL USAG	64.0839000	10100222	0.000000	0213613	0.000	8	1.000
			2	BOILER #2 NATURAL GA	10.9400000	10200601	40.000000	0000481	0.000	3	1.000
			3	BOILER #6 NATURAL GA	19.2400000	10200601	40.000000	0000962	0.000	3	1.000
0210	COMMONWEALTH EDISON	002	1	UNIT 4 COAL EMISSION	154.5855000	10100223	1.800000	0515285	0.000	8	1.000
0302	AMERICAN STEEL FOUND	008	1	NO 1 ELECTRIC FURNAC	14.4000000	30400701	1.800000	0016000	0.000	9	1.000
		009	1	NO 2 ELECTRIC FURNAC	14.4000000	30400701	1.800000	0016000	0.000	9	1.000
0316	INLAND STEEL COMPANY	001	1	NO.5 BF CASTHOUSE	117.1255000	30300825	0.239300	0978901	0.000	9	1.000
		005	1	NO.6 BF CASTHOUSE	101.3480000	30300825	0.253000	0801170	0.000	9	1.000
		010	3	NO.5 BF FUEL BFG	136.3698000	39000701	13.700000	0019908	0.000	9	1.000
		015	3	NO.6 BF FUEL BFG	111.6070000	39000701	13.700000	0016293	0.000	9	1.000
		020	1	SINTER WINDBOX BH	14592.9600000	30300813	30.700000	0950682	0.000	9	1.176
		045	2	NO. 7 BF STOVE FUEL	28.3500000	39000689	20.000000	0002835	0.000	9	1.000
			3	NO. 7 BF STOVE FUEL	287.0766000	39000701	13.700000	0041909	0.000	9	1.000
050		050	1	NO.7 BF CASTHOUSE BA	208.9473000	30300825	0.239300	1746321	0.000	9	1.000
051		051	1	NO.7 BF CH CANOPY SY	208.9473000	30300825	0.239300	1746321	0.000	9	1.000
053		053	1	NO.7 BF CH ROOF MONI	20.9558500	30300825	0.012000	3492642	0.000	9	1.000
060		060	1	NO.7 BF - BFG FLARE-	131.7871000	39000701	13.700000	0019239	0.000	9	1.000
102		102	1	NO2 BOF CLSD HOOD 10	1643.5830000	30300914	139.000000	1182434	98.000	9	1.000
103		103	1	NO2 BOF CLSD HOOD 2	1643.5830000	30300914	139.000000	1182434	98.000	9	1.000
104		104	1	NO. 2 BOF SEC VENT T	164.3583000	30300917	0.139000	2364868	0.000	9	1.000
112		112	1	NO2 BOF LADLE METALL	49.6622000	30300999	0.042000	2364868	0.000	9	1.000
135		135	1	NO. 4 BOF OPEN HOOD	19691.5800000	30300913	139.000000	2833322	90.000	9	1.000
146		146	1	NO4 BOF RHOB CONDEN.	22.6843600	30300999	1.070000	2120034	98.000	9	1.000
		160	1	NO.1 LIME PLANT KILN	150.5880000	30501604	2.000000	0150588	0.000	9	1.000

ENCLOSURE C-ITEM 1

AIRS FACILITY SUBSYSTEM QUICK LOOK REPORT  
1996 DATA FOR LAKE COUNTY

DATE: 06/09/98

PLANT ID	PLANT NAME	PT #	SEG #	DESCR	SEG EMISS	SCC	EMISS FACT	THRUPUT EFF	CONTROL EFF	M YR	GROWTH FACTOR	
0 089	0316 INLAND STEEL COMPANY	160	2	NO. 1 LIME PLANT KILN	150.5880000	30501604	2.000000	0150588	0.000	9	96	1.000
		170	3	NO.1 LIME KILN FUEL	12.9800000	39000689	20.000000	0001298	0.000	9	96	1.000
		173	1	ELECTRIC ARC FURN-ST	1001.1750000	30300908	4.670000	0428769	0.000	9	96	1.000
		217	1	EAF SHOP LADLE MET	10.7192200	30300999	0.050000	0428769	0.000	9	96	1.000
		265	2	BAR MILL REHEAT NG	20.0400000	10200601	40.000000	0001002	0.000	9	96	1.000
		266	2	80" WB REHEAT FCE 5	22.0545000	39000689	13.000000	0003393	0.000	9	96	1.000
		280	2	80"WB REHEAT FCE 6 N	22.0545000	39000689	13.000000	0003393	0.000	9	96	1.000
		281	2	NO.2AC STATION 211-1	83.7207000	10200704	13.700000	0012222	0.000	9	96	1.000
		282	2	NO.2 AC STATION 212-	86.0634000	10200704	13.700000	0012222	0.000	9	96	1.000
		283	2	NO.2AC STATION 212-1	86.0976500	10200704	13.700000	0012564	0.000	9	96	1.000
		284	2	2AC STATION 213-1/2	91.4543500	10200704	13.700000	0012569	0.000	9	96	1.000
		285	2	NO.2AC STATION 213 1	91.4543500	10200704	13.700000	0013351	0.000	9	96	1.000
		287	2	NO 2 AC STATION BFG	56.0535500	39000701	13.700000	0013351	0.000	9	96	1.000
		320	1	NO. 4 AC STATION COA	77.1573000	10200202	0.600000	0257191	0.000	9	96	1.000
			2	NO. 4AC STATION NG	16.1000000	10200601	40.000000	0000805	0.000	9	96	1.000
		321	1	NO. 4AC STATION COAL	77.1573000	10200202	0.600000	0257191	0.000	9	96	1.000
		322	2	NO. 4AC STATION NG	16.1000000	10200601	40.000000	0000805	0.000	9	96	1.000
			1	NO. 4AC STATION COAL	52.3689000	10200202	0.600000	0174563	0.000	9	96	1.000
		330	3	NO. 4AC STATION MIXE	1605.9790000	10200707	18.400000	0174563	0.000	9	96	1.000
			1	BOILER HOUSE - BFG	730.8881000	10200704	13.700000	0106699	0.000	9	96	1.000
			3	BOILER HOUSE - MIXED	14.7660000	10200707	18.400000	0001605	0.000	9	96	1.000
		004	1	MAIN (WINDBOX) STK (	13895.5000000	30300813	23.500000	1182596	0.000	9	96	1.176
		008	1	BOF PRECIP. STK - (\$	2697.3150000	30300913	139.000000	3881030	99.000	9	96	1.000
			11	VACUUM DEGAS FAC. (\$	43.4829800	30300917	1.260000	1210888	94.300	9	96	1.000
		020	3	PROCESS FUEL - BF GA	62.6843500	10200704	13.700000	0009151	0.000	9	96	1.000
		021	3	PROCESS FUEL - BF GA	172.6337000	10200704	13.700000	0025202	0.000	9	96	1.000
		022	2	PROCESS FUEL - NATL	16.3100000	10200601	35.000000	0000932	0.000	9	96	1.000
			3	PROCESS FUEL - BF GA	173.1680000	10200704	13.700000	0025280	0.000	9	96	1.000
		023	2	PROCESS FUEL - NATL	14.7875000	10200601	35.000000	0000845	0.000	9	96	1.000
			3	PROCESS FUEL - BF GA	166.1467000	10200704	13.700000	0024255	0.000	9	96	1.000
		024	3	PROCESS FUEL - NATL	18.2875000	10200601	35.000000	0001045	0.000	9	96	1.000
			3	PROCESS FUEL - BF GA	355.2341000	10200704	13.700000	0051859	0.000	9	96	1.000
		048	3	PROCESS FUEL - NATL	36.9800000	39000689	40.000000	0001849	0.000	9	96	1.000
		049	3	PROCESS FUEL - NATL	38.2600000	39000689	40.000000	0001913	0.000	9	96	1.000
		050	3	PROCESS FUEL - NATL	39.0600000	39000689	40.000000	0001953	0.000	9	96	1.000
		069	2	STOVE FUEL-BFG (SIA)	178.5041000	39000701	13.700000	0026059	0.000	9	96	1.000
			3	B.F. CASTHOUSE (VIA)	186.6010000	30300825	0.253000	1475107	0.000	9	96	1.000
		070	5	FURNACE CHARGE (FIA)	690.8811000	30300802	0.936720	1475107	0.000	9	96	1.000
			3	STOVE FUEL-BF GAS (\$	242.4694000	39000701	13.700000	0035397	0.000	9	96	1.000
			3	B.F. CASTHOUSE (VIB)	234.1160000	30300825	0.253000	1850720	0.000	9	96	1.000
			6	FURNACE CHARGE (FIB)	850.9055000	30300802	0.919540	1850720	0.000	9	96	1.000

-TOTAL NUMBER OF LINES: 88

\*\*GROWTH FACTORS IN BOLD TYPE MEAN THAT WE PROJECTED NO GROWTH SINCE WE DID NOT HAVE BETTER INFO FOR THESE INSTANCES

ENCLOSURE C-ITEM 2

AIRS FACILITY SUBSYSTEM QUICK LOOK REPORT  
1996 DATA FOR MARION COUNTY

PAGE: C-3

DATE: 04/15/98

PLANT ID	PLANT NAME	CNTY ID	PLANT D/B	PT #	SEG #	DESCR	SEG	SEG_EMISS	SCC	EMISS FACT	THRUPUT EFF	CONTROL EFF	M YR	GROWTH FACTOR
0097	0005 BRIDGEPORT BRASS	018	018	1	1	ATMOSPHERE GENERATION		14.4800000	30490033	0.000000	0.000000	0.000000	96	1.314
		019	019	1	1	ATMOSPHERE GENERATION		22.3100000	30490033	0.000000	0.000000	0.000000	96	1.314
		021	021	1	1	ANNEALING		37.0000000	30490033	0.000000	0.000000	0.000000	96	1.314
		024	024	1	1	ATMOSPHERE GEN. DISCHARGE		27.0000000	30490033	0.000000	0.000000	0.000000	96	1.314
0012	CHRYSLER CORPORATION	001	001	1	1	ATMOSPHERE GENERATION		49.2000000	30490033	0.000000	0.000000	0.000000	96	1.314
0031	INDIANA VENEERS	001	001	1	1	CUPOLA W/VENTURI SCRUBBER		32273.0000000	30400301	0.364000	0218947	99.700000	1 96	1.160
		001	001	1	1	BOILER - NATURAL GAS		30.9400000	10100602	0.000000	0001768	0.000000	8 96	1.100
0032	INDIANAPOLIS BELMONT	001	001	2	2	BOILER - WOOD CHIP FIRED		14.8000000	10200903	0.000000	0007400	0.000000	8 96	1.000
		002	002	1	1	#1 INCINERATOR-NEW BLDG		406.6000000	50100506	0.000000	0015704	0.000000	1 96	1.000
		003	003	1	1	#2 INCINERATOR-NEW BLDG		246.4000000	50100506	0.000000	0009517	0.000000	1 96	1.000
		004	004	1	1	#3 INCINERATOR-NEW BLDG		334.8000000	50100506	0.000000	0012933	0.000000	1 96	1.000
		004	004	1	1	#4 INCINERATOR-NEW BLDG		301.1000000	50100506	0.000000	0011049	0.000000	1 96	1.000
0033	IPALCO - STOUT	011	011	1	1	EWS BOILER 50 - COAL		64.6473000	10100212	0.000000	00215491	0.000000	8 96	1.270
		012	012	1	1	EWS BOILER 60 - COAL		54.9603000	10100212	0.000000	0183201	0.000000	8 96	1.270
		013	013	1	1	EWS BOILER 70 - COAL		294.5115000	10100212	0.000000	00981705	0.000000	8 96	1.270
0034	IPALCO - PERRY K	001	001	1	1	BOILER 11 - COAL		19.0104000	10200202	0.000000	0063368	0.000000	8 96	1.000
		002	002	1	1	BOILER 12 - COAL		19.1916000	10200202	0.000000	0063972	0.000000	8 96	1.000
		003	003	1	1	BOILER 13-COAL		10.1673000	10200202	0.000000	0033891	0.000000	8 96	1.000
		004	004	1	1	BOILER 14-COAL		12.5787000	10200202	0.000000	0041929	0.000000	8 96	1.000
		005	005	1	1	BOILER 15-COAL		84.8575000	10200204	0.000000	0033943	0.000000	8 96	1.000
		006	006	1	1	BOILER 16-COAL		68.0775000	10200204	0.000000	0027231	0.000000	8 96	1.000
0039	INDIANAPOLIS CASTING	002	002	7	7	M3 LINE (BAGHOUSE M3)		66.6000000	30400320	0.000000	0138784	0.000000	2 96	1.160
		002	002	8	8	M3 CASTING COOLING		266.5000000	30400325	3.840000	0138784	0.000000	2 96	1.160
		002	002	9	9	M1 MOLD POURING		19.1000000	30400320	0.960000	0039862	0.000000	2 96	1.160
0061	CITIZENS GAS & COKE	008	008	10	10	M1 CASTING COOLING		76.5000000	30400325	3.840000	0039862	0.000000	2 96	1.160
		014	014	1	1	UNDERFIRING - TONS COAL		40.2910700	30300306	0.550000	0146513	0.000000	9 96	1.013
		018	018	1	1	UNDERFIRING - TONS COAL		35.3204500	30300306	0.550000	0128438	0.000000	9 96	1.013
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		028	028	1	1	BATTERY I-PUSHING		21.5370300	30300303	0.077000	0560962	0.000000	9 96	1.176
		029	029	1	1	GAS COMPRESSOR 1 - CLARK		10.9980000	20200202	423.000000	0000052	0.000000	9 96	1.000
0070	ALLISON ENGINE CO. I	001	001	1	1	GAS COMPRESSOR 2 - CLARK		10.9980000	20200202	423.000000	0000052	0.000000	9 96	1.000
		002	002	1	1	B&W BOILER 1 PLANT 5		13.3560000	10200205	6.000000	0004452	0.000000	9 96	1.000
		003	003	1	1	B&W BOILER 2 PLANT 5		31.5570000	10200205	0.000000	0010519	0.000000	8 96	1.000
		004	004	1	1	B&W BOILER 3 PLANT 5		15.4920000	10200205	0.000000	0005164	0.000000	8 96	1.000
		004	004	1	1	B&W BOILER 4 PLANT 5		20.7210000	10200205	0.000000	0006907	0.000000	8 96	1.000
0071	ALLISON ENGINE COMPA	013	013	1	1	12 TURBINE ENGINES		11.3502300	20200901	23.820000	0000853	0.000000	9 96	1.000
0082	F.E. HARDING ASPHALT	001	001	1	1	DRYER - AGGREGATE		24.0500000	30500201	0.038000	0141472	0.000000	3 96	1.000
0095	PANHANDLE EASTERN PI	001	001	1	1	ENGINE 1408		16.1891500	20200202	390.100000	0000083	0.000000	9 96	1.000
		002	002	1	1	ENGINE 1409		16.5792500	20200202	390.100000	0000085	0.000000	9 96	1.000
		003	003	1	1	ENGINE 1410		18.2248000	20200202	334.400000	0000109	0.000000	9 96	1.000
		004	004	1	1	ENGINE 1411		22.7140500	20200202	278.700000	0000163	0.000000	9 96	1.000
		005	005	1	1	ENGINE 1412		20.9025000	20200202	278.700000	0000150	0.000000	9 96	1.000
		006	006	1	1	ENGINE 1413		18.1155000	20200202	278.700000	0000130	0.000000	9 96	1.000
		007	007	1	1	ENGINE 1414		29.2635000	20200202	278.700000	0000210	0.000000	9 96	1.000
		008	008	1	1	ENGINE 1415		202.3623000	20200202	696.600000	0000581	0.000000	9 96	1.000
0123	OGDEN MARTIN SYSTEMS	001	001	1	1	MASS BURN INCINER. UNIT 1		33.0000000	50100102	0.200000	0215512	0.001000	1 96	1.000

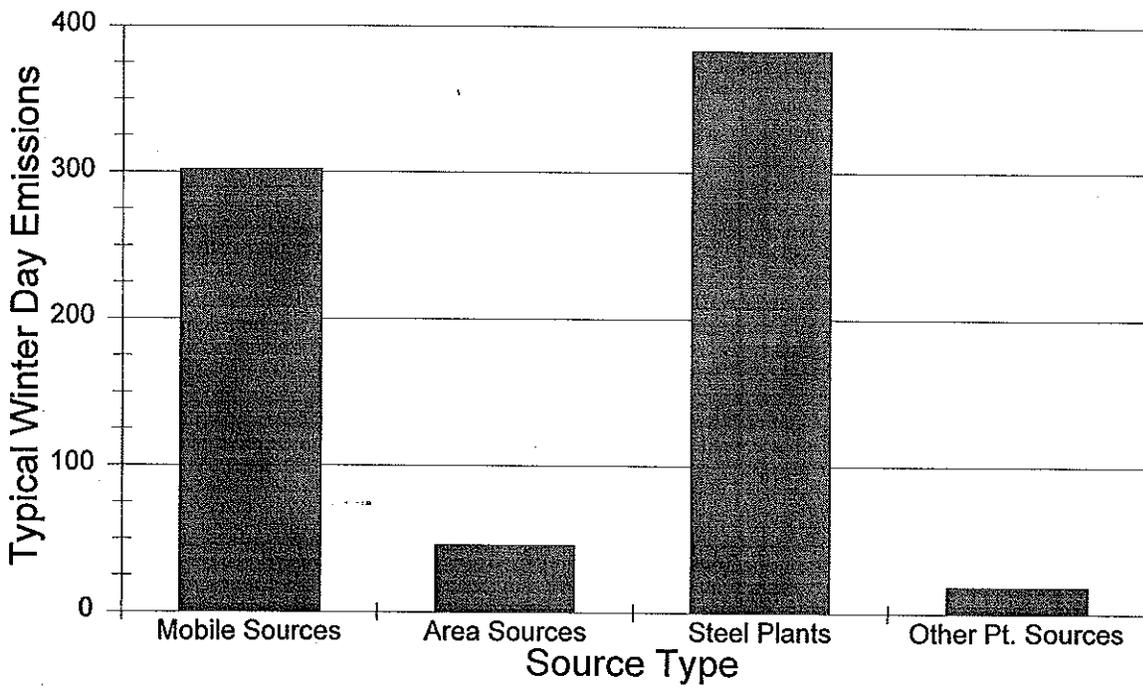


Typical Winter Day  
Emissions in T/Y

Source Type	Typical Winter Day Emissions in T/Y
Mobile Sources	302.00
Area Sources	46.00
Steel Plants	383.55
Other Pt. Sources	18.57

# Lake County

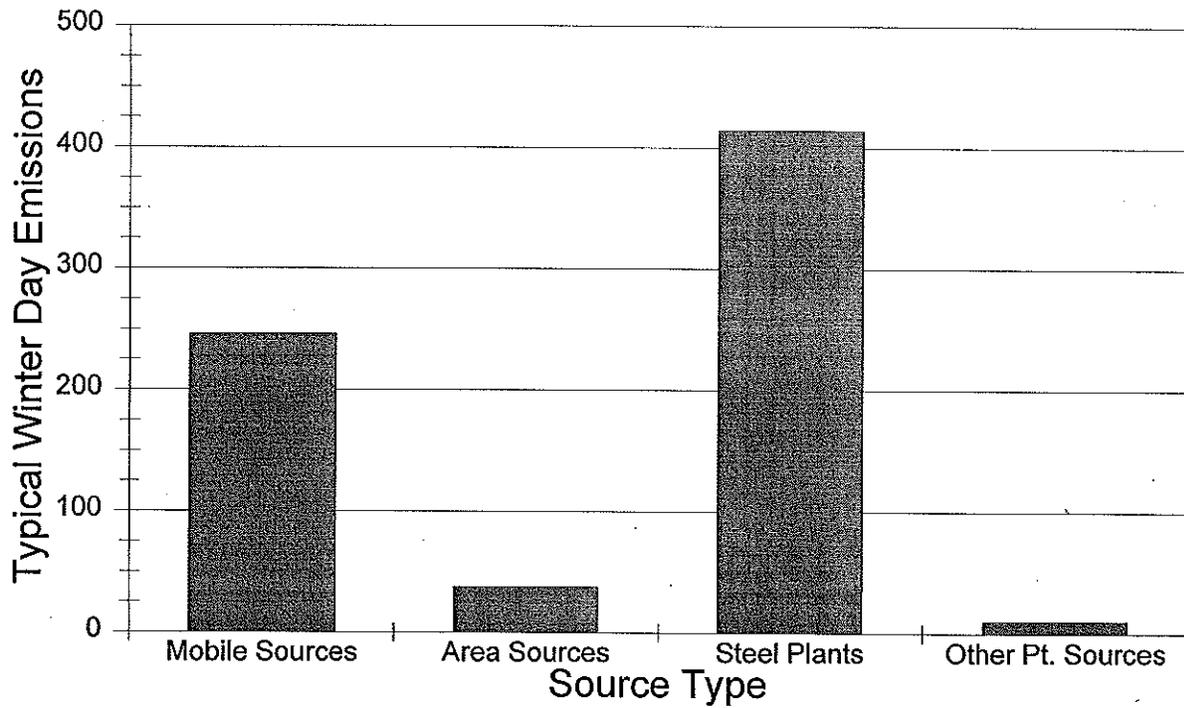
## Base Year



Source Type	Typical Winter Day Emissions in T/Y
Mobile Sources	246.00
Area Sources	38.00
Steel Plants	414.23
Other Pt. Sources	10.21

# Lake County

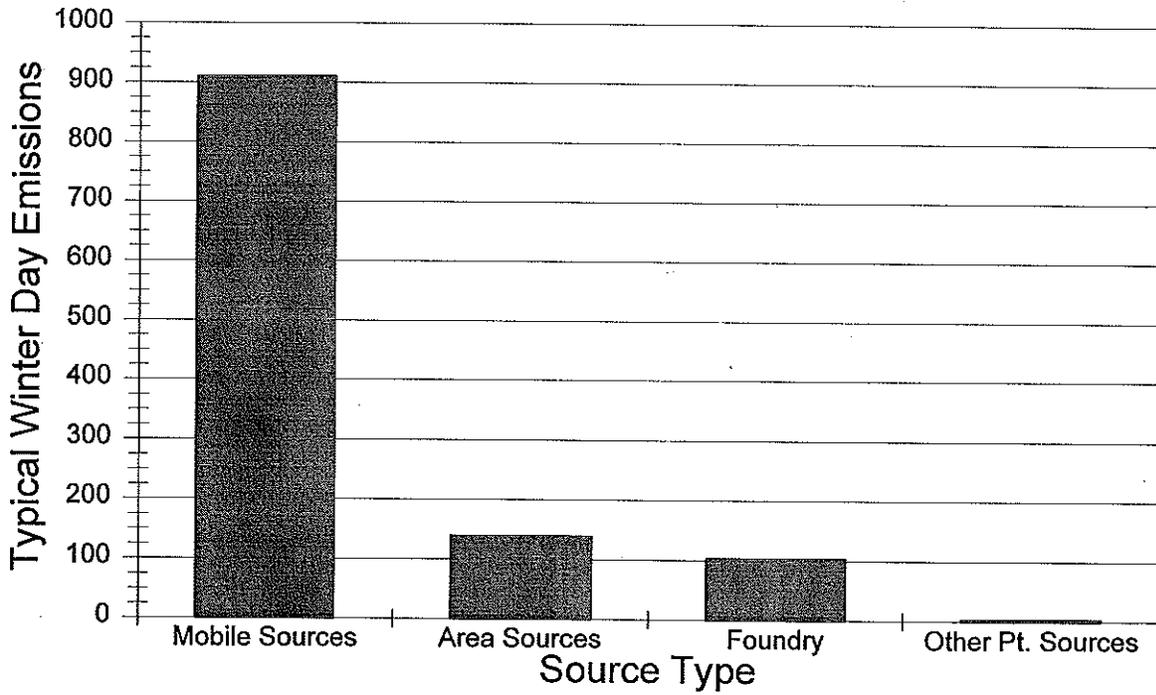
## Projected Year



Source Type	Typical Winter Day Emissions in T/Y
Mobile Sources	911.00
Area Sources	140.00
Foundry	103.99
Other Pt. Source	4.08

# Marion County

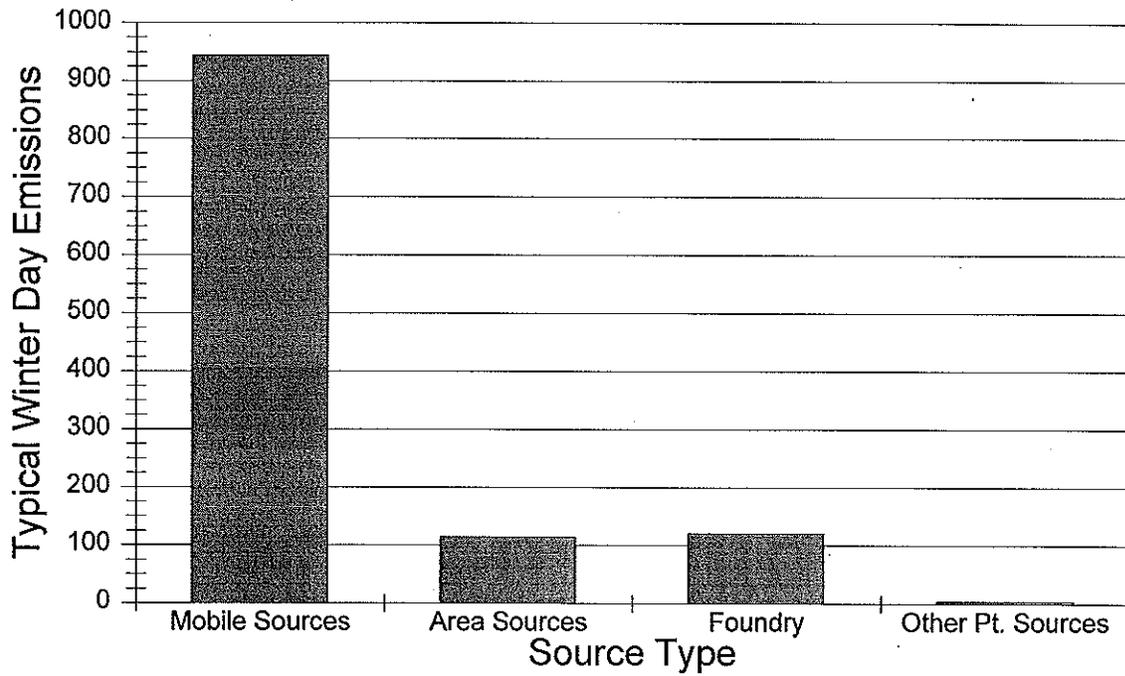
## Base Year



Source Type	Typical Winter Day Emissions in T/Y
Mobile Sources	944.00
Area Sources	114.00
Foundry	120.63
Other Pt. Sources	4.43

# Marion County

## Projected Year





UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
RESEARCH TRIANGLE PARK, NC 27711

October 6, 1995

OFFICE OF  
AIR QUALITY PLANNING  
AND STANDARDS

MEMORANDUM

**SUBJECT:** Limited Maintenance Plan Option for Nonclassifiable CO Nonattainment Areas

**FROM:** Joseph W. Paisie, Group Leader *Joseph W. Paisie*  
Integrated Policy and Strategies Group (MD-15)

**TO:** Air Branch Chiefs, Regions I-X

On November 16, 1994, EPA issued guidance regarding a limited maintenance plan option for nonclassifiable ozone nonattainment areas in a memorandum from Sally L. Shaver, Director, Air Quality Strategies and Standards Division, to Regional Air Division Directors. EPA believes that such an option is also appropriate for nonclassifiable CO nonattainment areas and the following questions and answers set forth EPA's guidance regarding the availability of this option for such areas. As this is guidance, final and binding determinations regarding the eligibility of areas for the limited maintenance plan option will only be made in the context of notice and comment rulemaking actions regarding specific redesignation requests.

If there are any questions concerning the limited maintenance plan option for nonclassifiable CO areas, please contact me at (919) 541-5556 or Larry Wallace at (919) 541-0906.

Attachment

cc: E. Cummings, OMS  
K. McLean, OGC  
C. Oldham  
L. Wallace

10/6/95

Limited Maintenance Plan Option for Nonclassifiable CO  
Nonattainment areas

1. Question:

What requirements must CO nonclassifiable areas, which are attaining the CO NAAQS with a design value that is significantly below the NAAQS, meet in order to have an approvable maintenance plan under section 175A of the Act?

Answer:

Nonclassifiable CO nonattainment areas seeking redesignation to attainment whose design values are at or below 7.65ppm (85 percent of exceedance levels of the CO NAAQS) at the time of redesignation, may choose to submit a less rigorous maintenance plan than was formerly required. This new option is being termed a limited maintenance plan. Nonclassifiable CO areas with design values greater than 7.65ppm will continue to be subject to full maintenance plan requirements described in the September 4, 1992 memorandum, "Procedures for Processing Requests to Redesignate Areas to Attainment," from John Calcagni, former Director of the OAQPS Air Quality Management Division to the Regional Air Division Directors.

The EPA now believes that it is justifiable and appropriate to apply a different set of maintenance plan requirements to a nonclassifiable CO nonattainment areas whose monitored air quality is equal to or less than 85 percent of exceedance levels of the ozone NAAQS. The EPA does not believe that the full maintenance plan requirements need be applied to these areas because they have achieved air quality levels well below the standard without the application of control measures required by the Act for moderate and serious nonattainment areas. Also, these areas do not have either a recent history of monitored violation of the CO NAAQS or a long prior history of monitored air quality problems. The EPA believes that the continued applicability of prevention of significant deterioration (PSD) requirements, any control measures already in the SIP, and Federal measures (such as the Federal motor vehicle control program) should provide adequate assurance of maintenance for these areas.

## 2. Question:

Besides having a design value that is equal to or less than 85% of the CO NAAQS what other requirements are necessary for a nonclassifiable CO nonattainment area to qualify for the limited maintenance plan option?

## Answer:

To qualify for the limited maintenance plan option, the CO design value for the area, based on the 8 consecutive quarters (2 years of data) used to demonstrate attainment, must be at or below 7.65ppm (85 percent of exceedance levels of the ozone NAAQS). Additionally, the design value for the area must continue to be at or below 7.65ppm until the time of final EPA action on the redesignation. The method for calculating design values is presented in the June 18, 1990 memorandum, "Ozone and Carbon Monoxide Design Value Calculations," from William G. Laxton, former Director of the OAQPS Technical Support Division to Regional Air Directors. The memorandum focuses primarily on determining design values for nonattainment areas in order to classify the areas as moderate or serious for CO. Therefore, the document discusses determining the design value for an area based on the monitors which are exceeding the standard. In the case of a nonattainment area seeking redesignation to attainment, all monitors must be meeting the standard. To assess whether a nonclassifiable area meets the applicability cutoff for the limited maintenance plan, a separate design value must be developed for every monitoring site. The highest of these design values is the design value for the whole area. If the area design value is at or below 7.65ppm, the State may select the limited maintenance plan option for the first 10-year maintenance period under section 175A. If the design value for the area exceeds 7.65ppm prior to final EPA action on the redesignation, the area no longer qualifies for the limited maintenance plan and must instead submit a full maintenance plan, as indicated in the September 4, 1992 memorandum.

## 3. Question:

What elements must be contained in a section 175A maintenance plan for nonclassifiable CO areas which qualify for the limited maintenance plan option?

## Answer:

Following is a list of core provisions which should be included in the limited maintenance plan for CO nonclassifiable areas. Any final EPA determination regarding the adequacy of a limited maintenance plan will be made following review of the plan submittal in light of the particular circumstances facing the area proposed for redesignation and based on all relevant available information.

a. Attainment Inventory

The State should develop an attainment emissions inventory to identify a level of emissions in the area which is sufficient to attain the NAAQS. This inventory should be consistent with EPA's most recent guidance<sup>1</sup> on emissions inventories for nonattainment areas available at the time and should represent emissions during the time period associated with the monitoring data showing attainment. The inventory should be based on actual "typical winter day" emissions of CO.

b. Maintenance Demonstration

The maintenance demonstration requirement is considered to be satisfied for nonclassifiable areas if the monitoring data show that the area is meeting the air quality criteria for limited maintenance areas (7.65ppm or 85% of the CO NAAQS). There is no requirement to project emissions over the maintenance period. The EPA believes if the area begins the maintenance period at or below 85 percent of exceedance levels, the air quality along with the continued applicability of PSD requirements, any control measures already in the SIP, and Federal measures, should provide adequate assurance of maintenance over the initial 10-year

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<sup>1</sup>The EPA's current guidance on the preparation of emissions inventories for ozone areas is contained in the following documents: "Procedures for the Preparation of Emission Inventories for Carbon Monoxide and Precursors of Ozone: Volume I" (EPA-450/4-91-016), "Emission Inventory Requirements for Ozone State Implementation Plans" (EPA 450/4-91-010), and "Procedures for Emission Inventory Preparation: Volume IV, Mobile Sources" (EPA-450/4-81-026d).

maintenance period.

When EPA approves a limited maintenance plan, EPA is concluding that an emissions budget may be treated as essentially not constraining for the length of the maintenance period because it is unreasonable to expect that such an area will experience so much growth in that period that a violation of the CO NAAQS would result.

c. Monitoring Network/Verification of Continued Attainment

To verify the attainment status of the area over the maintenance period, the maintenance plan should contain provisions for continued operation of an appropriate, EPA-approved air quality monitoring network, in accordance with 40 CFR part 58. This is particularly important for areas using a limited maintenance plan because there will be no cap on emissions.

d. Contingency Plan

Section 175A of the Act requires that a maintenance plan include contingency provisions, as necessary, to promptly correct any violation of the NAAQS that occurs after redesignation of the area. These contingency measures do not have to be fully adopted at the time of redesignation. However, the contingency plan is considered to be an enforceable part of the SIP and should ensure that the contingency measures are adopted expeditiously once they are triggered by a specified event. The contingency plan should identify the measures to be promptly adopted and provide a schedule and procedure for adoption and implementation of the measures. The State should also identify specific indicators, or triggers, which will be used to determine when the contingency measures need to be implemented. While a violation of the NAAQS is an acceptable trigger, States may wish to choose a pre-violation action level as a trigger, such as an exceedance of the NAAQS. By taking early action, a State may be able to prevent any actual violation of the NAAQS and, therefore, eliminate any need on the part of EPA to redesignate an area back to nonattainment.

e. Conformity Determinations Under Limited Maintenance Plans

The transportation conformity rule (58 FR 62188; November 24, 1993) and the general conformity rule (58 FR 63214; November 30, 1993) apply to nonattainment areas and maintenance areas operating under maintenance plans. Under either rule, one means of demonstrating conformity of Federal actions is to indicate that expected emissions from

planned actions are consistent with the emissions budget for the area. Emissions budgets in limited maintenance plan areas may be treated as essentially not constraining for the length of the initial maintenance period because it is unreasonable to expect that such an area will experience so much growth in that period that a violation of the CO NAAQS would result. In other words, EPA would be concluding that emissions need not be capped for the maintenance period. Therefore, in areas with approved limited maintenance plans, Federal actions requiring conformity determinations under the transportation conformity rule could be considered to satisfy the "budget test" required in sections 93.118, 93.119, and 93.120 of the rule. Similarly, in those areas, Federal actions subject to the general conformity rule could be considered to satisfy the "budget test" specified in section 93.158(a)(5)(i)(A) of the rule.



and Limited Maintenance Plan for Carbon Monoxide Attainment for Lake County and Marion County.

Notice is hereby given under 40 CFR 51.102 that the Indiana Department of Environmental Management (IDEM) will hold public hearings on Monday, November 8, 1999 in Lake County and on Wednesday, November 10, 1999 in Marion County. The purpose of the hearings is to receive public comment on the proposed Revision to the Indiana State Implementation Plan Request for Redesignation and Limited Maintenance Plan for Carbon Monoxide Attainment for Lake County and Marion County. The Lake County meeting will convene at 7:30 p.m. (local time) at Ivy Tech De La Garza Center, 410 E. Columbus Drive, East Chicago, Indiana in Room 100. The Marion County meeting will convene at 7:00 p.m. (local time) at the Indiana Government Center South, 402 West Washington Street, Indianapolis, Indiana in Conference Room D. All interested persons are invited and will be given reasonable opportunity to express their views concerning the proposal.

The proposal that is the subject of the first hearing concerns residents of City of East Chicago (area bound by Columbus Drive on the north, the Indiana Harbor Canal on the west, 148th St. if extended, on the South & Euclid Avenue on the east) [40 CFR Ch. I (7-1-91 Edition) 101]. The proposal that is the subject of the second hearing concerns residents of City of Indianapolis (area bound by 11th St. on the north, Capital on the west, Georgia St. on the south and Delaware on the east) [40 CFR Ch. I (7-1-91 Edition) 101].

The purpose of the proposal is to formally redesignate these areas to attainment for Carbon Monoxide, since they meet federal and state health standards. Copies of the above proposal are available to any person upon request and are available for public inspection at the following locations:

Indiana Department of Environmental Management, Office of Air Management, Indiana Government Center-North, 100 North Senate Avenue, 10th Floor-East, W. Indianapolis, Indiana

Indiana Department of Environmental Management, Northwest Office, NBD Bank Building, Suite 418, 504 North Broadway, Gary, Indiana 46402

Legislative Services Agency, Indiana Government Center-South, Room E011, 302 W. Washington Street, Indianapolis, Indiana

Indianapolis-Marion County Public Library, 40 East St. Clair Street, Indianapolis, Indiana

Hammond Public Library, 564 State Street, Hammond, Indiana

Statements will be heard, but for the accuracy of the record, please submit statements in writing to the attendant designated to receive written comments at the public hearing.

A transcript of the hearing and all written submissions to the board at the public hearing shall be open to public inspection at the Indiana Department of Environmental Management and copies may be made available to any person upon payment of reproduction costs. Any person heard or requested at the hearing or requesting notice shall be given written notice of the action of the board.

For additional information contact Judy Lombardo, at the Indiana Department of Environmental Management, Office of Air Management, Room 1001, Indiana Government Center North, 100 North Senate Avenue, Indianapolis, or call 317-233-5980 or 1-800-451-6927, ext. 35880 in Indiana.

Janel G. McCabe, Assistant Commissioner, Office of Air Management, Individuals requiring reasonable accommodations for participation in this event should contact the Indiana Department of Environmental Management, Americans with Disabilities Act coordinator at:

Attn: Sande Meador, ADA Coordinator, Indiana Department of Environmental Management, 100 N. Senate Avenue, P.O. Box 6016, Indianapolis, IN 46206-6016 or call (317) 233-1785. Speech impaired callers may contact the agency via the Indiana Relay Service at 1-800-3-3333. Please provide a minimum of 72 hours notification. 18

Kimmy Johnson Incl. Dept. of Env. Mgt. To: Northwest Indiana Newspapers  
(Governmental Unit)  
Lake County, Indiana 601-48th Avenue, Munster, IN 46321

PUBLISHER'S CLAIM

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Head -- number of lines  
Body -- number of lines  
Tail -- number of lines  
Total number of lines in notice

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Additional charge for notices containing rule or tabular work

(50 percent of above amount)

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TOTAL AMOUNT OF CLAIM

RECEIVED

\$ 53.14  
#746863

DATA FOR COMPUTING COST

OCT 15 1999

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Number of insertions 1  
Size of type 8.5 point

State of Indiana  
Dept. of Environmental Mgmt.  
Office of Air Management

Pursuant to the provisions and penalties of Chapter 155, Acts 1953,

I hereby certify that the foregoing account is just and correct, that the amount claimed is legally due, after allowing all just credits, and that no part of the same has been paid.

Date: Oct 11, 1999

Sylvia P. Wray  
Title: Legal Clerk

PUBLISHER'S AFFIDAVIT

State of Indiana )  
                          ) ss:  
Lake County )

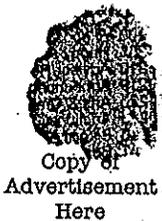
Personally appeared before me, a notary public in and for said county and state, the undersigned Sylvia Wray who, being duly sworn, says that he is Legal Clerk of the TIMES newspaper of general circulation printed and published in the English language in the (city) (town) of Munster in the state and county aforesaid, and that the printed matter attached hereto is a true copy, which was duly published in said paper for one time, the dates of publication being as follows:

Oct 8, 99

Sylvia P. Wray  
Subscribed and sworn to before me this 11 day of Oct, 1999

[Signature]  
Notary Public

My commission expires: 5/27/00



**Legal Notice of 30-Day Period  
for Public Comment and Public Hearing**

**Request for Redesignation and Limited Maintenance Plan  
for Carbon Monoxide Attainment for Lake County and Marion County**

Notice is hereby given under 40 CFR 51.102 that the Indiana Department of Environmental Management (IDEM) will hold public hearings on Monday, November 8, 1999 in Lake County and on Wednesday, November 10, 1999 in Marion County. The purpose of the hearings is to receive public comment on the proposed Revision to the Indiana State Implementation Plan Request for Redesignation and Limited Maintenance Plan for Carbon Monoxide Attainment for Lake County and Marion County. The Lake County meeting will convene at 7:00 p.m.(local time) at Ivy Tech De la Garza Center, 410 E. Columbus Drive, East Chicago, Indiana in Room 100. The Marion County meeting will convene at 7:00 p.m.(local time) at the Indiana Government Center South, 402 West Washington Street, Indianapolis, Indiana in Conference Room D. All interested persons are invited and will be given reasonable opportunity to express their views concerning the proposal.

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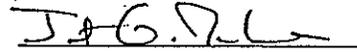
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Janet G. McCabe  
Assistant Commissioner  
Office of Air Management

\*\*\*\*\*

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*Attn: Sandie Meanor, ADA Coordinator  
Indiana Department of Environmental Management  
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PUBLIC HEARING REGARDING INDIANA'S ATTAINMENT  
DEMONSTRATION FOR LAKE AND MARION COUNTIES

TRANSCRIPT OF PROCEEDINGS

had at the hearing of the above-entitled cause  
before JUDY LOMBARDO, held at Indiana Vocational  
Technical College, Delgarza Building, Room 100, 410  
East Columbus Drive, East Chicago, Indiana, on  
Monday, November 8, 1999, at 7:13 o'clock p.m.

PRESENT:

MS. JUDY LOMBARDO and  
MR. KEN RITTER,

Appeared on behalf of IDEM;

MR. RICHARD GILLIS,

Appeared on behalf City of East Chicago,  
Department of Environmental  
Management/Air Quality;

MR. and MRS. TERZARIAL, Citizens

REPORTED FOR ALLEN COURT REPORTING

BY: DARLA R. ALLEN

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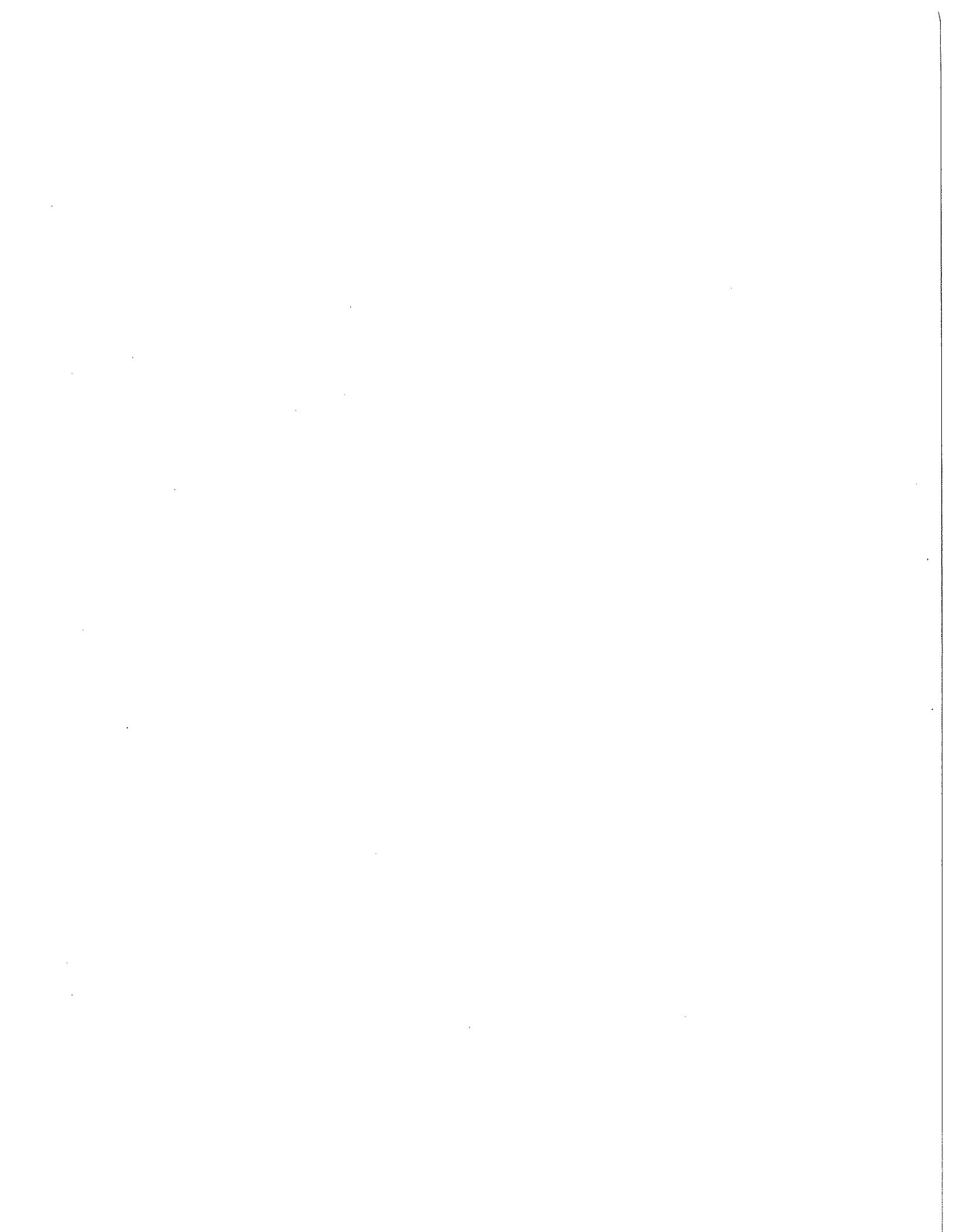
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*Allen Court Reporting*  
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1 MS. LOMBARDO: This is a public  
2 hearing to accept comments on the Indiana  
3 Department of Environmental Management's  
4 Request for Redesignation and Limited  
5 Maintenance Plan for Carbon Monoxide  
6 Attainment for Lake County and Marion County.

7 My name is Judy Lombardo. I'm an  
8 Environmental Scientist with IDEM's Air  
9 Programs Branch, and I have been appointed to  
10 act as hearing officer this evening.

11 With me is Ken Ritter also of IDEM's  
12 Program Branch. He's one of the section  
13 chiefs.

14 Notice of the time and place of the  
15 hearing was given as provided by public law by  
16 publication in the following newspapers:  
17 Indianapolis Star, Indianapolis, and The  
18 Times, Munster.

19 Will the official reporter  
20 designated for this hearing please stand and  
21 raise her right hand and state her name?

22 THE COURT REPORTER: My name is  
23 Darla R. Allen.

24 (The official reporter of the  
25 proceedings was sworn in)

1 MS. LOMBARDO: The Office of Air  
2 Management has submitted a Request for  
3 Redesignation and Limited Maintenance Plan for  
4 Carbon Monoxide Attainment for Lake and Marion  
5 Counties. I will provide a brief background  
6 on this request later during the meeting.

7 The purpose of this public hearing  
8 is to provide interested persons an  
9 opportunity to offer comments to the agency on  
10 the submittal.

11 Appearance blanks have been  
12 distributed at the front table for those  
13 desiring to be shown appearing on record in  
14 this cause.

15 If you have not already filled out  
16 the form, please do so and indicate if you are  
17 appearing for yourself or on behalf of a group  
18 or an organization and identify such group or  
19 organization. Also note the capacity in which  
20 you appear, such as attorney, officer,  
21 authorized spokesperson person, citizen.

22 Any person who is heard or  
23 represented at this hearing may be given  
24 written notice of the final action taken on  
25 this submittal. Please indicate on the

1 appearance card if you would like to receive  
2 this notification.

3 When appearance cards have been  
4 completed, they should be handed to me and I  
5 will include them in the official record of  
6 this proceeding.

7 Oral statements will be heard but  
8 written statements may be handed to me or  
9 mailed to the Office of Air Management on or  
10 before close of business on November 17,  
11 1999.

12 A written transcript of this hearing  
13 is being made. The transcript will be open  
14 for public inspection and a copy of the  
15 transcript will be made available to any  
16 person upon payment of the copying cost.

17 After the conclusion of this public  
18 hearing, I will prepare a written report  
19 summarizing the comments received at this  
20 hearing and recommending changes which may  
21 need to be made to this document.

22 I would like to introduce the  
23 following documents into the record: The  
24 notice of public hearing, and also the  
25 document entitled "Request for Redesignation

1 and Limited Maintenance Plan for Carbon  
2 Monoxide Attainment for Lake and Marion  
3 Counties."

4 I would like to briefly go over the  
5 background of the contents of IDEM's submittal  
6 to redesignate Lake and Marion Counties  
7 attainment for CO.

8 Based upon monitored violations of  
9 the CO standards, portions of Lake and Marion  
10 Counties have been designated as nonattainment  
11 for CO. The request is to change the status  
12 to attainment of both counties for the entire  
13 county in both cases.

14 In order for a county to have its  
15 status changed, it must meet several  
16 requirements established by U.S.E.P.A. These  
17 requirements are one: Ambient monitoring data  
18 showing that the county has met the National  
19 Ambient Air Quality Standards for the past  
20 three years.

21 Two: Air quality improvements that  
22 can be attributed to the reductions in Carbon  
23 Monoxide emissions which are permanent and  
24 enforceable.

25 And three: A maintenance plan that

1 assures continued attainment of the standard.

2 This document shows that all the  
3 above criteria have been met.

4 Enclosure A-Item 2 contains charts  
5 that show the monitored values since the year  
6 1980. These charts show that the values have  
7 been well below the standard and that there  
8 have been no exceedances in either county  
9 since 1986. The ambient air quality network  
10 will continue to monitor the carbon monoxide  
11 in the future.

12 IDEM has compiled an emissions  
13 inventory since 1980. While the collection  
14 techniques and the quality assurance  
15 procedures have changed since then, our  
16 inventories show that emissions have greatly  
17 decreased over the years and that -- excuse  
18 me -- have greatly decreased over the years in  
19 which IDEM's CO rules were being implemented.

20 Finally this request also contains a  
21 maintenance plan which will be used to assure  
22 continued attainment. It contains specific  
23 monitored levels which will trigger responses  
24 by IDEM.

25 This concludes my comments about

1 Indiana's Attainment Demonstration for Carbon  
2 Monoxide for Lake and Marion Counties, and the  
3 hearing is now open for public comment.

4 Does anyone have any public  
5 comments?

6 MR. TERZARIAL: Do you wish to speak  
7 first?

8 MR. GILLIS: No, you go right  
9 ahead.

10 MR. TERZARIAL: I'm here primarily  
11 to talk about the air quality where I live  
12 at. You spoke of carbon monoxide.

13 MS. LOMBARDO: Right.

14 MR. TERZARIAL: I don't know if  
15 that's saturated in my area, but I can say  
16 I've lived there since 1956 in that particular  
17 area and that same -- in that home. And  
18 consequently I observed over a period of years  
19 by owning vehicles that recently -- I'm saying  
20 recently, possibly the last three, four, five  
21 years back -- that when you wash a car, the  
22 day after it looks like the day you washed it  
23 because there's a residue laying all over the  
24 window -- I mean all over the car itself, and  
25 also seems to be a smog -- that's filaments --

1 on the windows, the home, inside -- possibly  
2 even inside the vehicle, and consequently that  
3 is very, very disturbing to me because I am at  
4 the -- being the tender age of 39, and I feel  
5 that life is not fair due to the quality of  
6 the air itself.

7 Then also when I cut my grass, I  
8 never, never had to take a bath in previous  
9 years as I do now. I'll cut my lawn and  
10 surely I have to go and take a shower or take  
11 a deep bath. And I never experienced that in  
12 all of my life until the last three, possibly  
13 four or five years, all right?

14 And this -- but I have noticed that  
15 we have businesses around us and one is the --  
16 they're making firebrick for the furnaces.  
17 They are not too far from my location. And  
18 DuPont is not -- is across the outside of our  
19 area right there and they are responsible for  
20 emitting over the years a substance which I do  
21 not know of. But being my son landed up in  
22 the hospital and another little boy from the  
23 same neighborhood, he was there, and his  
24 father came, so we got to discussing, talking  
25 about certain things. And he asked me where I

1 work at, and I told him. And he told me  
2 without me asking him. And then he said to  
3 me, "You notice that silvery stuff that's on  
4 your lawn on the blades of the grass?" I  
5 said, "Yeah, I often wonder where does that  
6 come from." He said, "That's from us,  
7 DuPont. We're emitting that during the  
8 night." And now that solved that one for me.  
9 But nothing has been done over the period of  
10 years to correct that situation.

11 I also had neighbors got into a  
12 fisticuff over one accusing the other of  
13 killing their tomato plants. And I said oh,  
14 no, I don't believe that. I said, "Take a  
15 look at that company DuPont. They're probably  
16 responsible for emitting some chemicals that  
17 damaged your tomato plants." And these two  
18 elderly gentlemen, it's a shame that they had  
19 to separate and not talk to each other over  
20 the period of years for that particular  
21 reason, see.

22 And again I believe that the air  
23 quality in East Chicago alone is getting to be  
24 disastrous.

25 MS. LOMBARDO: So you think it's

1 gotten worse in the more recent years?

2 MR. TERZARIAL: Oh, yes. I begin to  
3 feel my lungs and the lungs of every citizen  
4 in this city are scrubbing the air. We're  
5 ingesting all of this stuff, and naturally, as  
6 we ingest it, we're scrubbing it and releasing  
7 out the better part. Okay.

8 But another thing. I notice I  
9 washed my hair Saturday and today I feel like  
10 I have to wash it again. Because the quality  
11 of the air out there, there is something in it  
12 that makes your hair get gummy. And over the  
13 period of years again that I lived in that  
14 area, never, never have I had to do that,  
15 constantly put my head underneath a faucet and  
16 rinse it off or wash it off.

17 For these very things that I have  
18 spoken off I hope some action will be taken  
19 care upon them.

20 MS. LOMBARDO: All comments will be  
21 responded to. Absolutely.

22 And you have -- yes, your name and  
23 number -- I'll write it on here too.

24 MR. TERZARIAL: I have talked to Mr.  
25 Gillis today about this and he came over to

1 the house. And primarily I showed him both  
2 vehicles and he took a good look at them and  
3 he kind of agreed with me that the situation,  
4 you know, shouldn't merit this type of air  
5 quality. And Mr. Gillis, he was very nice to  
6 take his time out from his job to come down  
7 and see for himself.

8 MS. LOMBARDO: Are you also in the  
9 219 area code?

10 MR. TERZARIAL: 219, uh-huh.

11 MS. LOMBARDO: Okay. We'll take  
12 this back with us, and probably the inspectors  
13 or someone, and you're saying specifically the  
14 East Chicago area?

15 MR. TERZARIAL: Primarily I speak of  
16 my area because that's where I live at.

17 MS. LOMBARDO: Right. You're in  
18 East Chicago. I wanted to make sure it was in  
19 East Chicago.

20 MR. TERZARIAL: In my travels -- let  
21 me make another statement.

22 I had a friend of mine took up  
23 flying lessons. I used to tease him. "Paul,  
24 when are you going to take me up?" He'd say  
25 Not yet. Not yet. This is probably about

1 five, six, seven, eight years back.

2 And one day he said, Okay. I'm  
3 ready to take you up. So I drove my car down  
4 to Crown Point where I met him at the airport  
5 down there and he took me up. And then we --  
6 while I was up there he showed me how to fly a  
7 plane, a little bit. But, I says we're flying  
8 around St. John, Cedar Lake, possibly Lowell  
9 in that area. Nice and clean. Air was  
10 beautiful.

11 I said let's turn this plane around  
12 and head towards East Chicago. He said are  
13 you sure you want to go there? I said yeah.  
14 So he says okay. Turned the plane around. I  
15 looked at East Chicago, that general area, and  
16 I said I don't believe it. "Well, what do you  
17 see?" I see like a dirty curtain hanging  
18 straight up; all the dust, whatever, is above  
19 this city.

20 Now there's supposed to be --  
21 correct me if I'm wrong. There's supposed to  
22 be a law in Indiana that -- back in the 1890s  
23 (sic) I believe. I forgot what specific year,  
24 but it says for any company that makes a  
25 product has to learn how to also deal with the

1 waste product, treat the waste product. So if  
2 there's -- some of these companies emit  
3 something in the air and not treating it as  
4 so, you know, they are reducing the amount  
5 that goes up in the air and possibly reduces  
6 it down to nothing, you know. And I often  
7 wondered why they never invoked that law. Are  
8 you aware of that law?

9 MR. RITTER: I'm not familiar with  
10 the law myself.

11 MR. TERZARIAL: That was a long time  
12 back. It's the latter part, 1890s. There's a  
13 law that says for any company that makes a  
14 product has to learn -- or has to deal with  
15 the waste product; not by discharging it into  
16 the air. That means how to treat it so it  
17 would be safe, okay, for the environment for  
18 the whatever it takes, you know, instead of  
19 just emit it into the rivers, instead of  
20 throwing it up in the air or hauling it to  
21 some garbage dump and let Mother Nature take  
22 care of the rest by blowing the stuff around.

23 MR. RITTER: I'm not familiar with a  
24 law specifically like that. Although we do  
25 have our own set of air pollution rules that

1 have been passed much more recently than that,  
2 that we should be able to enforce that we can  
3 work with either the local agency or the  
4 northwest regional office on your particular  
5 problem.

6 MR. TERZARIAL: I learned about this  
7 law years back and they specified it time and  
8 time again.

9 MS. LOMBARDO: It's the Clean Air  
10 Act.

11 MR. TERZARIAL: It's not something  
12 I've heard just once and it went right on by.  
13 And they say -- I remember during World War II  
14 when the war was going on, being a citizen, a  
15 boy of -- a young man of 17, and the  
16 government wanted Inland Steel to put the coke  
17 plant right there on -- not Dickey Road --  
18 Dickey Road and Watling, in that area. And  
19 the city's fathers at that time says no way.  
20 You ain't going to pollute us with this  
21 stuff. And the federal government officials,  
22 they kind of talked the city into doing it for  
23 the war effort and we have been stuck with it  
24 ever since. All of these coke ovens have  
25 been -- in fact I used to work for Indiana

1 Forge and Machine Company which is just across  
2 the tracks from Plant 3 of Inland, and I  
3 worked midnights. And sometimes, being I was  
4 a supervisor at that time, I walked across the  
5 yard and here comes these sulfur fumes in a  
6 cloud. It just rolls right on by. And  
7 nothing was done about it.

8 MR. RITTER: Well, it's my  
9 understanding that the coke ovens are actually  
10 shut down now at Inland. They have -- it's a  
11 technology -- they are more like igloos that  
12 are a self-contained unit but the coke  
13 batteries at Inland are no longer operational.

14 MR. TERZARIAL: That's right at  
15 Plant No. 3. You're correct there. But I  
16 understand they also built a new one.

17 MR. RITTER: Yes, in the last couple  
18 of years.

19 MR. TERZARIAL: I don't know what  
20 technology they have gathered to make this  
21 thing more operational so you don't dirty up  
22 the air, like I said, with the sulfur fumes  
23 going right across the yard, and I had to run  
24 for cover because inside -- you have to go  
25 inside and close the doors otherwise that

1 stuff is disastrous.

2 And our hammer crews at that time  
3 they had to operate the hammers and they  
4 couldn't leave the job. That cloud would go  
5 down there and however many would get sick.  
6 Is this a cancerous agent?

7 MR. RITTER: Sulfur dioxide, yeah.

8 MR. GILLIS: Can I ask you a  
9 question? How many years ago was that that  
10 you worked at Standard Forge?

11 MR. TERZARIAL: The last time.

12 MR. GILLIS: Indiana.

13 MR. TERZARIAL: I have been forced  
14 retired since '86.

15 MR. GILLIS: 13 years ago.

16 MR. TERZARIAL: And then some.

17 MR. GILLIS: But what I'm saying is,  
18 my question is when this took place, what  
19 you're referring to with the sulfur came  
20 through, about what year was that?

21 MR. TERZARIAL: Let's see I was --  
22 that was my last four or five years. Let's  
23 see 13 -- I'll place it about 20.

24 MR. GILLIS: So we're talking about  
25 20 years ago?

1 MR. TERZARIAL: That's right. But  
2 I'm only relating an incident --

3 MR. GILLIS: I understand that.

4 MR. TERZARIAL: -- what the  
5 companies were doing.

6 MR. GILLIS: Correct me if I'm  
7 wrong, I think that the purpose for this  
8 meeting is so that we can relate to what the  
9 problems are and what's going on at this point  
10 in time?

11 MS. LOMBARDO: Right.

12 MR. GILLIS: Is that correct?

13 MS. LOMBARDO: Specifically for  
14 carbon monoxide.

15 MR. GILLIS: But now what your  
16 problem is what you're having at your home is  
17 you're getting a debris. You're getting a  
18 smog.

19 MR. TERZARIAL: That's right.

20 MR. GILLIS: I can't say for sure  
21 but I can say that it's a possibility that  
22 that is coming from DuPont. It can even be  
23 coming from Harvester Walker. There's a  
24 possibility it could be coming from Wallace  
25 Metals, from Euclid, Faye Rock. There's a lot

1 of plants in that area.

2 MR. TERZARIAL: That's right.

3 MR. GILLIS: -- that you live in.

4 MR. TERZARIAL: All depends on which  
5 way the air blows.

6 MR. GILLIS: Exactly. That's my  
7 point. What I'm trying to get you to  
8 understand is that just like you said you were  
9 speaking earlier about this guy told you he  
10 worked at DuPont and they let the stuff out at  
11 night. Okay. Anytime they are going to  
12 pollute, they are going to do it at night.  
13 And nighttime it's not visible.

14 MR. TERZARIAL: You're right there.

15 MR. GILLIS: You can't detect  
16 anything at night.

17 MRS. TERZARIAL: You can smell it  
18 when you open the door.

19 MR. TERZARIAL: I believe our  
20 technology has advanced so far -- let me put  
21 it this way: We can land a man on the moon  
22 within five feet, bring him home in five feet,  
23 and cannot correct our present problems,  
24 pollution in the air, railroad track crossings  
25 and stuff, et cetera, et cetera. I can go on

1 for an hour about this.

2 MRS. TERZARIAL: Be quiet.

3 MR. RITTER: Well, the purpose of  
4 what we're talking about tonight is to show  
5 that air quality controls and improvements  
6 have been made and put in place for carbon  
7 monoxide is one of the gases, pollutants that  
8 formerly did come off the coke ovens and it  
9 still is emitted in some quantity by a lot of  
10 the processes up here now. And so a lot of  
11 that modern technology has been applied to  
12 this pollutant and I think we have good  
13 results. The particulars that you are talking  
14 about and so forth, there are still efforts  
15 going under way now to solve some of those  
16 problems. And certainly contacting the  
17 inspectors and the local agencies the proper  
18 way to start that and we'll -- we'll certainly  
19 pass the information along.

20 MR. TERZARIAL: All right. Now may  
21 I interrupt you? What about the Borman? They  
22 emit a lot of carbon monoxide from the exhaust  
23 systems.

24 MR. RITTER: Yeah.

25 MR. TERZARIAL: And there's nothing

1 being done about that. When we get a south  
2 wind, we're buried in the stuff.

3 MR. RITTER: Certainly there's in  
4 place in Lake County which is one of the  
5 reasons that the air quality has improved, the  
6 CO, we do have an inspection and maintenance  
7 program that's not specifically to solve  
8 carbon monoxide problems. It is for oxides  
9 and nitrogen and organic compounds. But as a  
10 result of fixing those problems and testing to  
11 pass those other problems, the carbon monoxide  
12 is significantly reduced.

13 MR. TERZARIAL: Reduced?

14 MR. RITTER: That would be for  
15 people that live in Lake County.

16 But with the Borman, with the trucks  
17 and so forth, obviously few of those live in  
18 Lake County and so those vehicles aren't  
19 inspected. Although there are some federal  
20 programs coming down the pike dealing with  
21 diesel engines, heavy-duty diesel engines, and  
22 also the fuels they use.

23 MR. TERZARIAL: That's been in the  
24 make for the last 20 years. They haven't done  
25 anything yet.

1 MR. RITTER: Well, the EPA is  
2 announcing some rules pretty soon, if they  
3 haven't already, regarding diesel engines and  
4 rules.

5 MR. TERZARIAL: My wife, she said  
6 look at what they're throwing in the air. I  
7 said I can't do nothing about it.

8 MR. RITTER: Neither can we being  
9 out of state or so on, but if you have a  
10 regional fuel program or you have a national  
11 engine program where somebody is in Cleveland  
12 or somebody's in San Diego, they have to  
13 utilize that technology or follow those rules,  
14 then you can get your hands on such a  
15 problem.

16 MR. TERZARIAL: I'm agreeing with  
17 you. I think it should be a nationwide  
18 thing.

19 MR. RITTER: Certainly. Yes.

20 MR. TERZARIAL: And nationally,  
21 worldwide, I understand a lot of Third World  
22 countries they disregard the issue and we're  
23 buried when the global air current comes our  
24 way and dumps that stuff on us too.

25 MR. RITTER: Certainly. But that's

1 why the U.S.E.P.A. is tackling that problem.  
2 It's larger than what IDEM can do. But what  
3 IDEM has done in instituting the Lake and  
4 Porter Vehicle Inspection and Maintenance  
5 Programs that you guys have to have your cars  
6 checked also --

7 MR. TERZARIAL: Definitely.

8 MR. RITTER: -- every two years.  
9 Yes. That has significantly improved the  
10 quality of the air up here.

11 MR. TERZARIAL: I feel we're being  
12 punished up here because of the Borman,  
13 because of these through-staters and we're  
14 being punished by having our vehicles tested.  
15 And yet we as citizens in East Chicago and  
16 surrounding communities, they're not driving  
17 cars as much going down the Borman. I don't  
18 know what the volume of traffic is on the  
19 Borman, car per minute or vehicles from Point  
20 A to Point B.

21 MR. RITTER: It's a lot.

22 MR. TERZARIAL: But I think it's a  
23 shame.

24 Like I said again, we can send a man  
25 to the moon, land him within five feet, bring

1 him home within five feet, but we can never  
2 solve the technology at the present. We are  
3 gearing for a total disaster of this earth.

4 MR. RITTER: Well, not something --

5 MR. TERZARIAL: I understand it will  
6 take time. It will take time. But when it  
7 comes to the air quality, how many people in  
8 the community surrounding you, the surrounding  
9 communities, are affected health-wise? You  
10 know, like you get somebody with respiratory  
11 problems, a little weaker than Jane or John or  
12 so forth, and consequently they are more apt  
13 to breakdown health-wise because they are  
14 ingesting all of this pollution.

15 See, when I was a kid, I went around  
16 East Chicago. Never had to worry about dirty  
17 air. Now, that I'm 39, God, it's worse.  
18 We're buried in it.

19 MR. RITTER: Okay. Well, thank  
20 you. Just continue to follow what you hear  
21 about our diesel rules as they may come down  
22 the pike and the federal program. I don't  
23 know what to say regarding regional controls  
24 like that, but we feel in this case we have  
25 done a little bit that we can in Lake and

1 Porter Counties. There are new controls on  
2 some companies for combustion processes that  
3 have cut down carbon monoxide and we feel like  
4 at least in this area we have made some  
5 significant progress. All of the monitored  
6 values show that.

7 MR. TERZARIAL: Well, I'm glad to  
8 hear the statement you made, but my witnessing  
9 of this quality of the air over a period of  
10 years has not drastically made any  
11 improvement. Either the companies are  
12 disregarding how to treat a waste product  
13 instead of somebody invoking that law of how  
14 to treat a waste product when you make a  
15 product. State of Indiana is lack. Very lack  
16 on that. Even the City of East Chicago is  
17 very lack on that, Mr. Gillis.

18 MR. GILLIS: Well, the City of East  
19 Chicago hasn't had control of any -- they  
20 haven't had even a department up until last  
21 year.

22 MR. TERZARIAL: You said that to me.

23 MR. GILLIS: There was no department  
24 for air quality for the environment or  
25 anything of that nature, okay. And IDEM was

1 taking care -- they had a northwest section  
2 for Northwest Indiana, IDEM, they were taking  
3 care of that in which they still are. But now  
4 the city has started its own department and  
5 they are trying, believe me, they are trying  
6 to make things better here and trying to get  
7 different industries in compliance and trying  
8 to stop them from polluting and this that and  
9 the other. But at the same time no one in the  
10 department -- I'm the eldest in the  
11 department, okay, and I haven't learned as  
12 much as I should learn because I'm at a stage  
13 where you can only do so much, okay?

14 But I have been trying. And I get  
15 complaints, not every day. But the days that  
16 I do get complaints or calls or people coming  
17 to the office, I try to get it resolved. I  
18 can't promise you anything, but I do the best  
19 that I can.

20 MR. TERZARIAL: All right. What's  
21 your target date for compliance?

22 MR. GILLIS: My target date?

23 MR. TERZARIAL: Yeah. Down the road  
24 you say 10 years, 20 years, 30 years, 40  
25 years, 50? What is your target date? If you

1 have a handle on this, you should have a  
2 target date.

3 MR. GILLIS: Well, at the same time  
4 there is nothing concrete in our department as  
5 of yet. Come the first of the year the mayor  
6 is going to decide whether or not he's going  
7 to continue to have this in the city. As I  
8 said -- as I was telling -- Ken?

9 MR. RITTER: Ken.

10 MR. GILLIS: -- Ken, yes. It's a  
11 relatively new department and they did have a  
12 director for the department but he moved on to  
13 bigger and better things. And the mayor named  
14 me acting director until the first of the  
15 year. Now if he names me director the first  
16 of the year, it's a possibility that I can do  
17 more things than what I'm able to do now. But  
18 right now I'm limited to what I can do. I  
19 don't have the authority.

20 MR. TERZARIAL: All right. What is  
21 your projection over the years?

22 MR. GILLIS: I can't project  
23 anything unless --

24 MR. TERZARIAL: I can't pinpoint  
25 him.

1 MR. GILLIS: -- the mayor appoints  
2 me to do so. Do you understand that?

3 MR. TERZARIAL: I understand that.

4 MR. GILLIS: I can't do anything  
5 alone.

6 MR. TERZARIAL: I understand.  
7 You're waiting for Bob Pasterick to say okay.

8 MR. GILLIS: Exactly.

9 MR. TERZARIAL: But thereafter, say  
10 for instance you do get the appointment, then  
11 thereafter?

12 MR. GILLIS: Then I will do all I  
13 can to keep the different plants and the  
14 industries in compliance. I will do my job.  
15 Okay?

16 MR. TERZARIAL: I look forward to  
17 it.

18 MR. GILLIS: I'm not a lazy person.  
19 I don't mind...

20 MR. TERZARIAL: Challenges.

21 MR. GILLIS: Yeah. This is not  
22 office hours anyway. Okay. We work from 8:00  
23 to 4:00. When you came by the office today,  
24 it was what, eleven o'clock, eleven fifteen?  
25 Okay. I didn't even go to lunch. I came by

1 to see what you wanted. Okay.

2 MR. TERZARIAL: I appreciate it.  
3 That's more than some of our other officials  
4 of East Chicago have done.

5 MR. GILLIS: I'm not going to go  
6 there so... I won't go there.

7 MS. LOMBARDO: Any other comments?

8 MR. TERZARIAL: That's it. I'll sum  
9 it all up. Amen.

10 MS. LOMBARDO: These proceedings are  
11 hereby concluded and the hearing is  
12 adjourned.

13 Thank you all for coming. We  
14 appreciate it and appreciate your comments,  
15 too, very much.

16 (The hearing was concluded at  
17 7:41 o'clock p.m.)

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STATE OF INDIANA        )  
                              ) SS:  
COUNTY OF L A K E        )

I, DARLA R. ALLEN, CSR-RPR, do hereby certify that I am a court reporter doing business in the State of Indiana, County of Lake, that I reported in shorthand the proceedings at the given hearing held on November 8, 1999, and that the foregoing is a true and correct transcript of my shorthand notes so taken as aforesaid.

  
\_\_\_\_\_  
Certified Shorthand Reporter  
Registered Professional Reporter  
Notary Public, Lake County,  
Indiana

My notary commission expires

February 17, 2001

ILLINOIS CSR NO. 084-003523

RPR NO. 025085

ENCLOSURE F-ITEM 2

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PUBLIC HEARING REGARDING INDIANA'S ATTAINMENT  
DEMONSTRATION FOR LAKE AND MARION COUNTIES

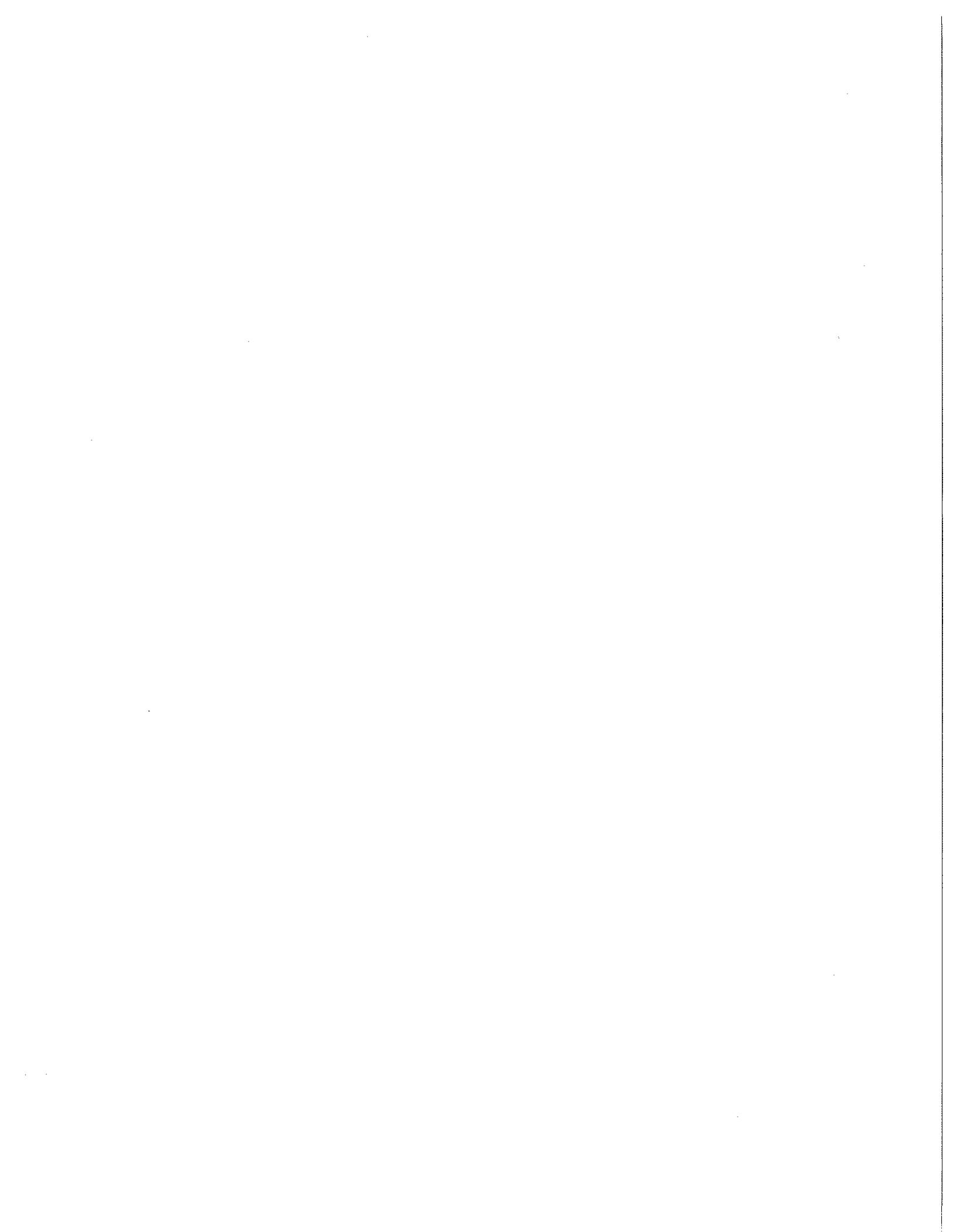
Transcript of the proceedings held  
on November 10, 1999, at 402 West  
Washington Street, Indiana  
Government Center South, Conference  
Room D, Indianapolis, Indiana, at  
7:00 p.m.

RECEIVED

DEC 16 1999

State of Indiana  
Dept. of Environmental Mgmt.  
Office of Air Management

ACCURATE REPORTING OF INDIANA  
Wm. F. Daniels, Prop., RPR/CM  
12922 Brighton Avenue  
Carmel, Indiana 46032  
(317) 848-0088



## P R O C E E D I N G S

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MS. JUDY LOMBARDO: This is a public hearing to accept comments on the Indiana Department of Environmental Management's Request for Redesignation and Limited Maintenance Plan for Carbon Monoxide Attainment for Lake County and Marion County.

My name is Judy Lombardo, Environmental Scientist, in the Air Programs Branch at IDEM. I have been appointed to act as hearing officer. With me is Ken Ritter, one of the Section Chiefs of IDEM's Air Programs Branch.

Notice of the time and place of the hearing was given as provided by law by publication in the following newspapers: One, the Indianapolis Star, Indianapolis; two, The Times, Munster.

Will the official reporter designated for this hearing please stand and raise her right hand and state her name?

COURT REPORTER: Heather Orbaugh.

(Court reporter sworn.)

MS. JUDY LOMBARDO: The Office of Air Management has submitted a Request for Redesignation and Limited Maintenance Plan for Carbon Monoxide Attainment for Lake and Marion Counties. I

1 will provide a brief background on this request later  
2 during this meeting.

3 The purpose of this public hearing is to  
4 provide interested persons an opportunity to offer  
5 comments to the agency on the submittal.

6 Appearance blanks have been distributed  
7 in the hearing room for all those desiring to be shown  
8 appearing on record in this case. If you have not  
9 already filled out the form, please do so and indicate  
10 if you are appearing for yourself or on behalf of a  
11 group or organization and identify such group or  
12 organization. Also, note the capacity in which you  
13 appear, such as, attorney, officer or authorized  
14 spokesperson.

15 Any person who is heard or represented at  
16 this hearing or who requests notice may be given  
17 written notice of the final action taken on this  
18 submittal. Please indicate on the appearance card if  
19 you wish to receive this notification. When appearance  
20 cards have been completed, they should be handed to me  
21 and I will include them with the official record of  
22 this proceeding.

23 Oral statements will be heard, but  
24 written statements may be handed to me or mailed to the  
25 Office of Air Management on or before close of business

1 on November 17, 1999. A written transcript of this  
2 hearing is being made. The transcript will be open for  
3 public inspection and a copy of the transcript will be  
4 made available to any person upon payment of the  
5 copying cost.

6 After the conclusion of this public  
7 hearing, I will prepare a written report summarizing  
8 the comments received at this hearing and recommending  
9 changes which may need to be made to this document.

10 I would like to introduce the following  
11 documents into the record: One, the notice of public  
12 hearing; and two, the document titled, "Request for  
13 Redesignation and Limited Maintenance Plan for Carbon  
14 Monoxide Attainment for Lake County and Marion County."

15 I would like to briefly go over the  
16 background and contents of IDEM's submittal to  
17 redesignate Lake and Marion Counties to attainment for  
18 CO.

19 Based upon monitored violations of the CO  
20 standard, portions of Lake and Marion Counties have  
21 been designated as nonattainment for CO. This request  
22 is to change the status to attainment for the entire  
23 county in both cases.

24 In order for a county to have its status  
25 changed, it must meet several requirements established

1 by the USEPA. These are: One, ambient monitoring data  
2 showing that the county has met the National Ambient  
3 Air Quality Standards for the past three years; two,  
4 air quality improvements that can be attributed to  
5 reductions in CO emissions which are permanent and  
6 enforceable; three, a maintenance plan that assures  
7 continued attainment of the standard.

8 This document shows that all of the above  
9 criteria have been met.

10 Enclosure A-Item 2 contains charts that  
11 show the monitored values since 1980. These charts  
12 show that the values are well below the standard and  
13 that there have been no exceedances in either county  
14 since 1986. The ambient air quality network will  
15 continue to monitor CO in the future.

16 IDEM has compiled an emissions inventory  
17 since 1980. While collection techniques and quality  
18 assurance procedures have changed since the earliest  
19 inventories, our inventories show that emissions have  
20 greatly decreased over the years in which IDEM's CO  
21 rules were being implemented.

22 Finally, this request also contains a  
23 maintenance plan which will be used to assure continued  
24 attainment. It contains specific monitored levels  
25 which will trigger responses by IDEM.

1                   This concludes my comments about  
2   Indiana's Attainment Demonstration for CO for Lake and  
3   Marion Counties.

4                   This hearing is now opened for public  
5   comment. Are there any public comments?

6   (No comments were heard.)

7   MS. JUDY LOMBARDO: These  
8   proceedings are hereby concluded. This hearing is  
9   adjourned.

10   (Proceedings adjourned.)

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CERTIFICATE

STATE OF INDIANA )  
 ) ss:  
COUNTY OF TIPTON )

I, Heather S. Orbaugh, the undersigned Court Reporter and Notary Public residing and maintaining offices in the City of Tipton, Tipton County, Indiana, do hereby certify:

That I reported to the best of my ability in machine shorthand all of the words spoken by all parties in attendance during the course of the ensuing proceedings, including objections, if any, made by all counsel present;

That I later reduced my shorthand notes into the foregoing typewritten transcript form, which typewritten transcript is a true record to the best of my ability of the testimony given by the witness as stated above;

That I am not a relative or employee or attorney or counsel of any of the parties, nor am I a relative or an employee of such attorney or counsel, and that I am not financially interested in this action.

IN WITNESS HERETO, I have affixed my Notarial Seal and subscribed my signature below this 10th day of December, 1999.

*Heather S. Orbaugh*  
Notary Public

County of Residence: Tipton (Seal)  
My Commission Expires on: April 20, 2001



CITY OF INDIANAPOLIS  
STEPHEN GOLDSMITH  
MAYOR

RECEIVED

NOV 16 1999

STATE OF INDIANA  
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
OFFICE OF AIR MANAGEMENT

November 10, 1999

Ms. Janet McCabe  
Assistant Commissioner  
Indiana Department of Environmental Management  
Office of Air Management  
105 S. Meridian Street  
P.O. Box 6015  
Indianapolis, IN 46206-6015

Dear Ms. McCabe:

On Wednesday, November 10, 1999, a Public Hearing was held Indiana Government Center South to receive public comments on the proposed SIP submittal to USEPA to redesignate Marion County as attainment for Carbon Monoxide. The City of Indianapolis, Environmental Resources Management Division would like to enter the following comments into the Public Record.

The City of Indianapolis strongly supports this request to redesignate Marion County as attainment with the National Ambient Air Quality Standards (NAAQS) for Carbon Monoxide. The City has worked closely with the Indiana Department of Environmental Management and others over the last several years to improve the air quality in Indianapolis and eliminate exceedances of the NAAQS. We would like to thank IDEM for their guidance and support in realizing this important accomplishment.

Thank you for this opportunity to comment, and if there are any questions please contact Richard Martin of my staff at (317) 327-2269.

Sincerely,

Robert Holm, PhD  
Administrator  
Environmental Resources Management Division

Cc: Dennis Neidigh  
Mary Uhler  
Richard Martin





RDA 409  
CM**ENVIRONMENTAL PROTECTION AGENCY****40 CFR Part 52****[A-5-FRL-2016-4]****Approval and Promulgation of Implementation Plans; Indiana****AGENCY:** Environmental Protection Agency.**ACTION:** Final rule.

**SUMMARY:** The United States Environmental Protection Agency (USEPA) announces today final rulemaking on revisions to the carbon monoxide (CO) and ozone (O<sub>3</sub>) portions of the Indiana State Implementation Plan (SIP). The State submitted these revisions to USEPA to satisfy the requirements of Part D of the Clean Air Act (Act). USEPA proposed rulemaking on these revisions to the Indiana SIP in the August 27, 1981 (46 FR 43188) Federal Register. One public comment was received:

This notice announces final rulemaking today approving revisions to the Transportation Control Plans (TCP's) for a Lake, Porter, Clark, Floyd, St. Joseph, Elkhart and Allen Counties; approving the O<sub>3</sub> attainment demonstration for Lake, Porter, Clark, and Floyd Counties; and approving the CO strategy for Lake County.

**EFFECTIVE DATE:** March 15, 1982.

**ADDRESSES:** Copies of the SIP revision, public comments on the NPR and USEPA's comments are available for inspection at the following addresses:

Air Programs Branch, Region V, U.S. Environmental Protection Agency, 230 South Dearborn Street, Chicago, Illinois 60604

U.S. Environmental Protection Agency, Public Information Reference Unit, 401 M Street, SW., Washington, D.C. 20460

Air Pollution Control Division, Indiana Board of Health, 1330 West Michigan Street, Indianapolis, Indiana 46208

Copies of the SIP revision only are available at: The Office of the Federal Register, 1100 L Street, NW., Room 8401, Washington, D.C. 20408.

**FOR FURTHER INFORMATION CONTACT:** Gerald Kellman, Air Programs Branch, U.S. Environmental Protection Agency, 230 South Dearborn Street, Chicago, Illinois 60604 (312) 888-6069.

**SUPPLEMENTARY INFORMATION:** On June 26, 1979, the State of Indiana submitted, among other items O<sub>3</sub> plans for Lake, Porter, Clark, Floyd-St. Joseph, Elkhart, and Allen Counties and a CO plan for Lake County. The State of Indiana submitted revisions to these plans on

May 19, 1980, September 24, 1980, October 9, 1980, and October 15, 1980.

On August 27, 1981 (46 FR 43188) USEPA proposed approval of these SIP revisions, and requested comments from the State and the public. The requirements for an approvable transportation plan were referenced in the August 27, 1981 notice of proposed rulemaking. During the public comment period the State commented on USEPA's proposed action. There were no other comments. Based on the previous submittals and a review of the State's comments, USEPA is today briefly summarizing the proposal, addressing the State's comments and acting on the Indiana submittals as revisions to the federally approved Indiana SIP. A discussion of this rulemaking action is presented below for each geographic area:

**Clark and Floyd Counties**

Based on measured violations of the O<sub>3</sub> National Ambient Air Quality Standards (NAAQS) in the Indiana portion of the Louisville urban area, Clark and Floyd Counties were designated as nonattainment areas for O<sub>3</sub>. The TCP for Clark and Floyd Counties was prepared by the Kentuckiana Regional Planning and Development Agency. The transportation control plan contains measures designed to attain and maintain the NAAQS for O<sub>3</sub> in Clark and Floyd Counties.

Based on review of the TCP and the demonstration of attainment, USEPA approves all portions of the TCP and the demonstration of attainment for O<sub>3</sub> in Clark and Floyd Counties.

**St. Joseph and Elkhart Counties**

The TCP for St. Joseph and Elkhart Counties was prepared by the Michiana Area Council of Governments. It contains measures designed to reduce the level of hydrocarbon emissions in the area. The strategy projects that the percent reduction in hydrocarbon emissions required to ensure attainment of the O<sub>3</sub> NAAQS in the area will be achieved.

USEPA has reviewed the control strategy developed for St. Joseph and Elkhart Counties. The TCP portion of the control strategy satisfies the TCP requirements of an approvable nonattainment area SIP and USEPA approves it. However, USEPA must examine further the adequacy of the State's control requirements for volatile organic compounds for stationary sources. The adequacy of Indiana's requirements for stationary source controls and the demonstration of

attainment will be discussed in a future notice of proposed rulemaking.

**Lake and Porter Counties**

Based on measured violations of the O<sub>3</sub> NAAQS, Lake and Porter Counties were designated as nonattainment areas for O<sub>3</sub>. The TCP for Lake and Porter Counties was prepared by the Northwestern Indiana Regional Planning Commission. The transportation control plan contains measures designed to attain and maintain the NAAQS for O<sub>3</sub> in Lake and Porter Counties.

USEPA has reviewed the O<sub>3</sub> control strategy developed for Lake and Porter Counties. The TCP satisfies the TCP requirements for an approvable nonattainment SIP. Based on this review, USEPA approves the transportation control measures for O<sub>3</sub> and the demonstration of attainment for O<sub>3</sub> in Lake and Porter Counties.

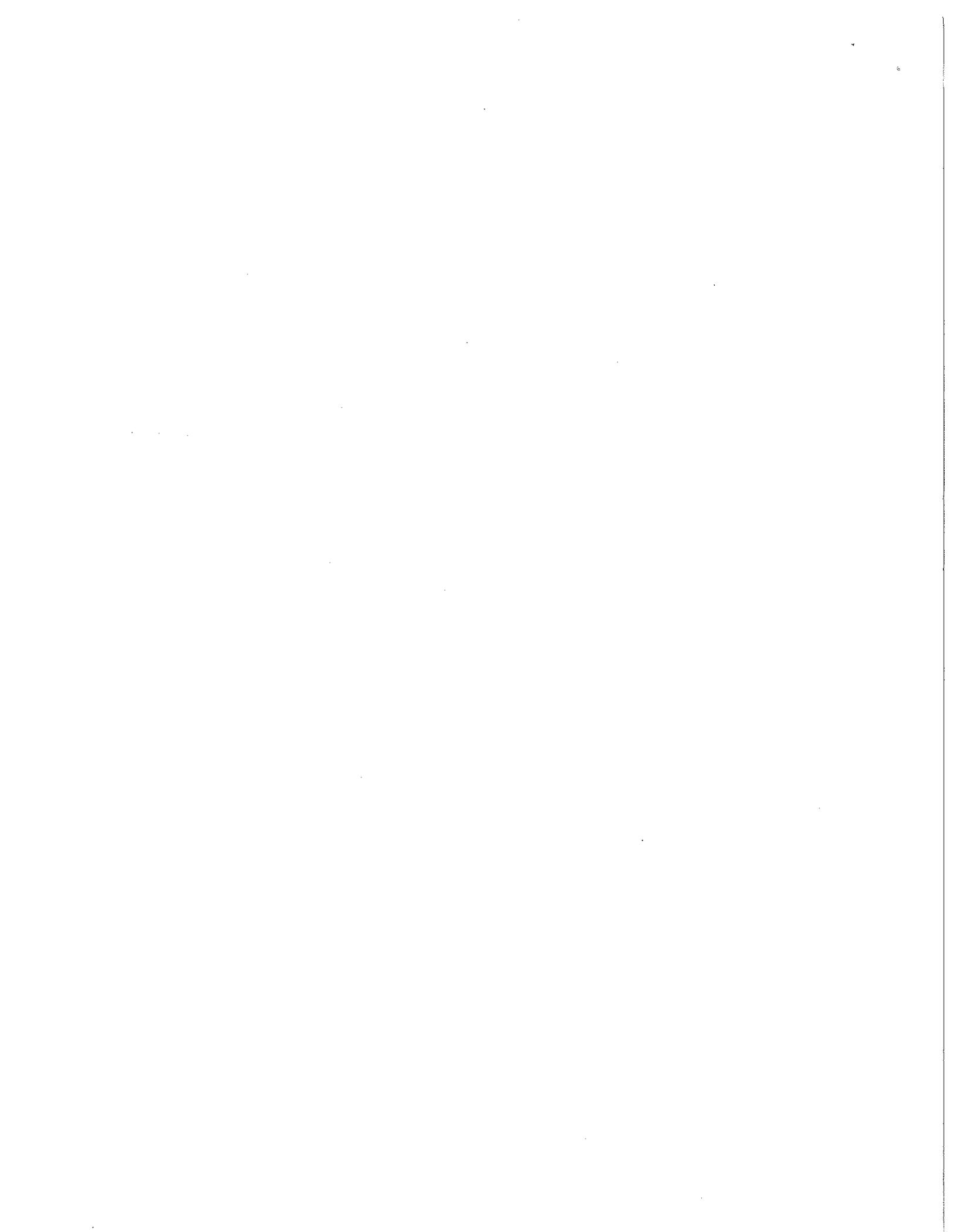
USEPA has reviewed the CO control strategy developed for Lake County. While Indiana's submittal did not include all materials for a demonstration of attainment, USEPA concludes that the final requirements can be met through elements of Indiana's transportation plan required to be submitted as part of the 1982 SIP. These requirements were set forth in detail in the notice of proposed rulemaking 46 FR 43188. Therefore, USEPA approves the CO transportation control measures and demonstration of attainment for Lake County. This action removes the Section 110(a)(2)(I) growth restrictions for carbon monoxide in Lake County.

**Allen County**

The transportation control plan for Allen County was prepared by the Northeastern Indiana Regional Coordinating Council. It contains measures designed to reduce the level of hydrocarbon emissions in the area. USEPA has reviewed the control strategy developed for Allen County. The TCP portion of the control strategy satisfies all of the TCP requirements for an approvable nonattainment area SIP and USEPA approves it. However, USEPA needs to further examine the adequacy of the State's control requirements for volatile organic compounds for stationary sources. The adequacy of Indiana's stationary source requirements and the demonstration of attainment will be discussed in a future notice of proposed rulemaking.

**Public Comments and Responses**

In response to the August 27, 1981 notice of proposed rulemaking, the State of Indiana submitted the only comments. EPA has carefully considered the State's



comments in reaching today's rulemaking action. The State's comments and USEPA's response follow:

**Comment.** The State commented that the Indiana SIP submittal includes a demonstration of attainment for St. Joseph, Elkhart and Allen Counties. The State asked EPA to approve the attainment demonstration for these counties.

**Response.** In the August 27, 1981 Federal Register, USEPA proposed to approve the State's submittal with the exception of the demonstration of attainment for St. Joseph, Elkhart and Allen Counties. The State has not required RACT for stationary sources in these counties. EPA policy requires RACT in all ozone nonattainment areas, unless dispersion modeling has been used for the demonstration of attainment. Because dispersion modeling was not used for these counties and because RACT is required in these counties, EPA will not take action on the attainment demonstration at this time. EPA will take action at a later date after additional air quality data is collected and the need for RACT is reassessed.

**Comment.** The State objected to the statement in the proposed rulemaking which required the State to replace transportation projects which cannot be implemented with a project of equal or greater air quality benefit. The State cites USEPA policy which requires conformance of transportation plans and programs with the SIP, and not with individual transportation projects.

**Response.** The State's citation of USEPA policy is correct and USEPA agrees with the State's position. USEPA's statement on replacing nonimplemented projects of equal or greater benefit was intended to refer to achieving the total necessary emission, reduction goals and not substitution on a project by project basis.

**Comment.** The State commented that the proposed rule approves the transportation control measures study for Clark and Floyd Counties, although the study has not been completed.

**Response.** The proposed rulemaking did not propose approval of the study, but proposes approval of the schedule for completing the process which will lead to the adoption of the plan as well as the commitment to adopt the plan.

**Comment.** The State disagrees with the requirement in the proposed rule that extensive documentation of

attainment for CO in Lake County be provided as part of the 1982 SIP.

**Response.** Because Indiana's transportation submittals for Lake County did not include all information necessary to demonstrate attainment of the CO standards, USEPA is approving the material submitted as only meeting the requirements of the 1979 SIP. EPA still finds that the additional information specified in the notice of proposed rulemaking (46 FR 433188) is necessary in Indiana's transportation plan and requires that it be submitted as a part of the 1982 CO SIP.

**Comment.** The State objected to the use of the term "Transportation Control Plan" in reference to the Indiana O<sub>3</sub> and CO SIP. The State asserts that this term is outdated and has a negative connotation. Also, the State points out that the term does not adequately reflect all of the activities contained in this portion of the SIP.

**Response.** USEPA generally agrees with the State's comments related to the term "Transportation Control Plan," but for reasons of consistency with the proposed notices on this subject and with rulemaking actions for the same requirements in other States, EPA is retaining this term for the final notice.

**Summary of Action**

<i>Lake County:</i>	
CO Transportation control measures .....	Approved.
O <sub>3</sub> Transportation control measures .....	Approved.
CO Demonstration of attainment .....	Approved.
O <sub>3</sub> Demonstration of attainment .....	Approved.
<i>Porter County:</i>	
O <sub>3</sub> Transportation control measures .....	Approved.
O <sub>3</sub> Demonstration of attainment .....	Approved.
<i>Clark and Floyd Counties:</i>	
O <sub>3</sub> Transportation control measures .....	Approved.
O <sub>3</sub> Demonstration of attainment .....	Approved.
<i>St. Joseph and Elkhart Counties:</i>	
O <sub>3</sub> Transportation control measures .....	Approved.
O <sub>3</sub> Demonstration of attainment .....	Approved.
<i>Allen County:</i>	
O <sub>3</sub> Transportation control measures .....	Approved.
O <sub>3</sub> Demonstration of attainment .....	Approved.

The Office of Management and Budget has exempted this rule from the requirements of section 3 of Executive Order 12291.

Pursuant to the provisions of 5 U.S.C. 605(b), I certify that these revisions to Indiana's SIP will not have a significant economic impact on a substantial number of small entities. This action only approves the State's action and imposes no new requirements.

Under Section 307(b)(1) of the Clean Air Act, judicial review of this action is available only by the filing of a petition for review in the United States Court of Appeals for the appropriate circuit

within 60 days of today. Under Section 307(b)(2) of the Clean Air Act, the requirements which are the subject of today's notice may not be challenged later in civil or criminal proceedings brought by USEPA to enforce these requirements.

**Note.**—Incorporation by reference of the State Implementation Plan for the State was approved by the Director of the Federal Register on July 1, 1981.

(Sec. 110, 172, Clean Air Act, as amended (42 U.S.C. 7410 and 7502))

Dated: February 4, 1982.

Anne M. Gorsuch,  
Administrator.

**PART 52—APPROVAL AND PROMULGATION OF IMPLEMENTATION PLANS**

Title 40 of the Code of Federal Regulations Chapter I, Part 52 is amended as follows:

1. Section 52.770 is amended by adding paragraph (c)(29) as follows:  
§ 52.770 Identification of plan.

(c) \* \* \*  
(29) On June 26, 1979, May 19, 1980, September 24, 1980, October 9, 1980 and October 15, 1980, Indiana submitted transportation control plans and ozone demonstrations of attainment for Lake, Porter, Clark, Floyd, St. Joseph, Elkhart, and Allen Counties. It also submitted a carbon monoxide demonstration of attainment for Lake County. EPA is taking no action on the ozone demonstration of attainment for St. Joseph, Elkhart and Allen Counties.

2. Section 52.773 is amended by adding new paragraph (e) as follows:

§ 52.773 Approval status.

(e) The Administrator finds that the carbon monoxide strategy for Lake County satisfies all the requirements of Part D, Title I of the Clean Air Act.

3. The carbon monoxide and ozone attainment dates listed in the table of § 52.783(a) are revised as follows:

§ 52.783 Attainment dates for national standards.

(a) The following table presents the latest dates by which the national standards are to be attained. These dates reflect the information presented in Indiana's plan, except where noted.



Air quality control region.	Particulate matter		Sulfur oxides		Nitrogen dioxide	Carbon monoxide	Ozone
	Primary	Secondary	Primary	Secondary			
East Central Indiana Intrastate (AQCR 76):							
a. Primary and Secondary	m	m	h	l	m	l	l
b. Remainder of AQCR	a	a	a	a	e	e	e
Evansville (Indiana)—Owensboro, Henderson (Kentucky) Interstate (AQCR 77):							
a. Primary and Secondary	m	m	f	l	m	l	m
b. Remainder of AQCR	a	a	d	a	e	e	e
Louisville Interstate (AQCR 78):							
a. Primary and Secondary	m	m	l	l	m	l	l
b. Remainder of AQCR	a	a	a	a	e	e	e
Metropolitan Chicago Interstate (Indiana-Illinois) (AQCR 67):							
a. Primary and Secondary	m	m	h	l	m	l	l
b. Remainder of AQCR	a	a	a	a	e	e	e
Metropolitan Cincinnati Interstate (AQCR 79):							
a. Primary and Secondary	m	m	l	l	m	l	l
b. Remainder of AQCR	a	a	a	a	e	e	e
Metropolitan Indianapolis Interstate (AQCR 80):							
a. Primary and Secondary	m	m	h	l	m	h	h
b. Remainder of AQCR	a	a	a	a	e	kg	k
Northeast Indiana Intrastate (AQCR 81):							
a. Primary and Secondary	m	m	l	l	m	l	h
b. Remainder of AQCR	a	a	a	a	e	e	e
South Bend-Elkhart (Indiana) Benton Harbor (Michigan) Interstate (AQCR 82):							
a. Primary and Secondary	m	m	l	l	m	l	h
b. Remainder of AQCR	a	a	a	a	e	e	e
Southern Indiana Intrastate (AQCR 83):							
a. Primary and Secondary	m	m	l	l	m	l	l
b. Remainder of AQCR	a	a	a	a	e	e	e
Wabash Valley Intrastate (AQCR 84):							
a. Primary and Secondary	m	m	h	l	m	l	l
b. Remainder of AQCR	a	a	a	a	e	e	e

NOTE.—Dates or footnotes which are italicized are prescribed by the Administrator because the plan did not provide a specific date or the date provided was not acceptable.

NOTE.—For actual nonattainment designations, refer to 40 CFR Part 81.

NOTE.—Sources subject to the plan requirement and attainment dates established under section 110(c)(2)(A) prior to the 1977 Clean Air Act Amendments remain obligated to comply with these requirements by the earlier deadlines. The earlier attainment dates are set out at 40 CFR 52.783.

a. July 1975.  
 b. Five years from plan approval or promulgation.  
 c. Eighteen-month extension granted.  
 d. Air quality levels presently below the primary standards.  
 e. Air quality levels presently below the secondary standards.  
 f. Thirteen-month extension granted.  
 g. Transportation and/or land use control strategy to be submitted no later than April 15, 1973.  
 h. December 31, 1982.  
 i. December 31, 1985.  
 j. December 31, 1987.  
 k. May 31, 1975.  
 l. None designated.  
 m. Attainment date will be specified in the future.

[FR Doc. 82-3609 Filed 2-10-82; 8:45 am] BILLING CODE 6560-38-M

**COUNCIL ON ENVIRONMENTAL QUALITY**

**40 CFR Part 1517**

**Public Meeting Procedures**

February 4, 1982.

**AGENCY:** Council on Environmental Quality, Executive Office of the President.

**ACTION:** Final rule amending procedures.

**SUMMARY:** The Council on Environmental Quality is amending its Public Meeting Procedures to make them consistent with recent judicial direction. Under the former regulations, only

Council action which required an affirmative vote of at least two Council Members is subject to the Sunshine Act's open meeting requirement. The proposed revision will apply the Sunshine Act to all meetings of the Council unless otherwise exempted by statute.

**DATES:** February 11, 1982.

**FOR FURTHER INFORMATION CONTACT:** Nancy Nord, General Counsel, Council on Environmental Quality, 722 Jackson Place NW., Washington, D.C. 20008; (202) 395-5750.

**SUPPLEMENTARY INFORMATION:** On October 27, 1980 the Court of Appeals for the District of Columbia Circuit ruled

that the Council on Environmental Quality's public meeting regulations were not in conformance with the open meeting requirements of the Government in the Sunshine Act because meetings to formulate advice to the President were excluded. The Court also overturned that portion of the regulations defining the term "official collegial Council business." (See *Pacific Legal Foundation v. Council on Environmental Quality*, 636 F.2d 1259 (D.C. Cir. 1980), petition for rehearing denied). A rule to bring the Council's public meeting regulations into conformity with this case was proposed on July 27, 1981, at page 38389 in the Federal Register. Comments were invited for 30 days with the comment period ending August 26, 1981.

The Council received one comment in response to its invitation. The commenter objected to the proposed rule's use of the word "collegial" to describe the kinds of meetings subject to the procedures since all meetings which result in the joint conduct of agency business must be open to the public. In response, the Council has deleted the word "collegial" describing covered meetings. The rule emphasizes, however, that Council actions to advise the President are outside the scope of these procedures when that advice is not formulated in a collegial manner.

The commenter objected to that portion of the proposal which exempted from the Act's coverage actions taken by the Chairman of the Council acting as Director of the Office of Environmental Quality. This portion of the comments is without merit. The Environmental Quality Act of 1970, 42 U.S.C. 4371 (1970), authorizes the Chairman to take certain action in his capacity as Director of the Office of Environmental Quality. When the Chairman is acting in this capacity his actions do not constitute meetings within the meaning of the Act.

The rule being adopted will bring the Council's public meeting requirements into conformity with the Court decision cited above. The rule also eliminates a requirement that the Council hold biweekly meetings. Accordingly, Title 40 of the Code of Federal Regulations is proposed to be amended as set forth below.

**REGULATORY FLEXIBILITY ACT CERTIFICATION:** This rule will not, if promulgated, have a significant economic impact on a substantial number of small entities. The purpose of the rule is to implement the "open meetings" section of the Government in



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PUBLIC HEARING REGARDING INDIANA'S ATTAINMENT  
DEMONSTRATION FOR LAKE AND MARION COUNTIES

Transcript of the proceedings held  
on November 10, 1999, at 402 West  
Washington Street, Indiana  
Government Center South, Conference  
Room D, Indianapolis, Indiana, at  
7:00 p.m.

RECEIVED

DEC 16 1999

State of Indiana  
Dept. of Environmental Mgmt.  
Office of Air Management

ACCURATE REPORTING OF INDIANA  
Wm. F. Daniels, Prop., RPR/CM  
12922 Brighton Avenue  
Carmel, Indiana 46032  
(317) 848-0088

# REVISED

APPENDIX

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## P R O C E E D I N G S

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MS. JUDY LOMBARDO: This is a public hearing to accept comments on the Indiana Department of Environmental Management's Request for Redesignation and Limited Maintenance Plan for Carbon Monoxide Attainment for Lake County and Marion County.

My name is Judy Lombardo, Environmental Scientist, in the Air Programs Branch at IDEM. I have been appointed to act as hearing officer. With me is Ken Ritter, one of the Section Chiefs of IDEM's Air Programs Branch.

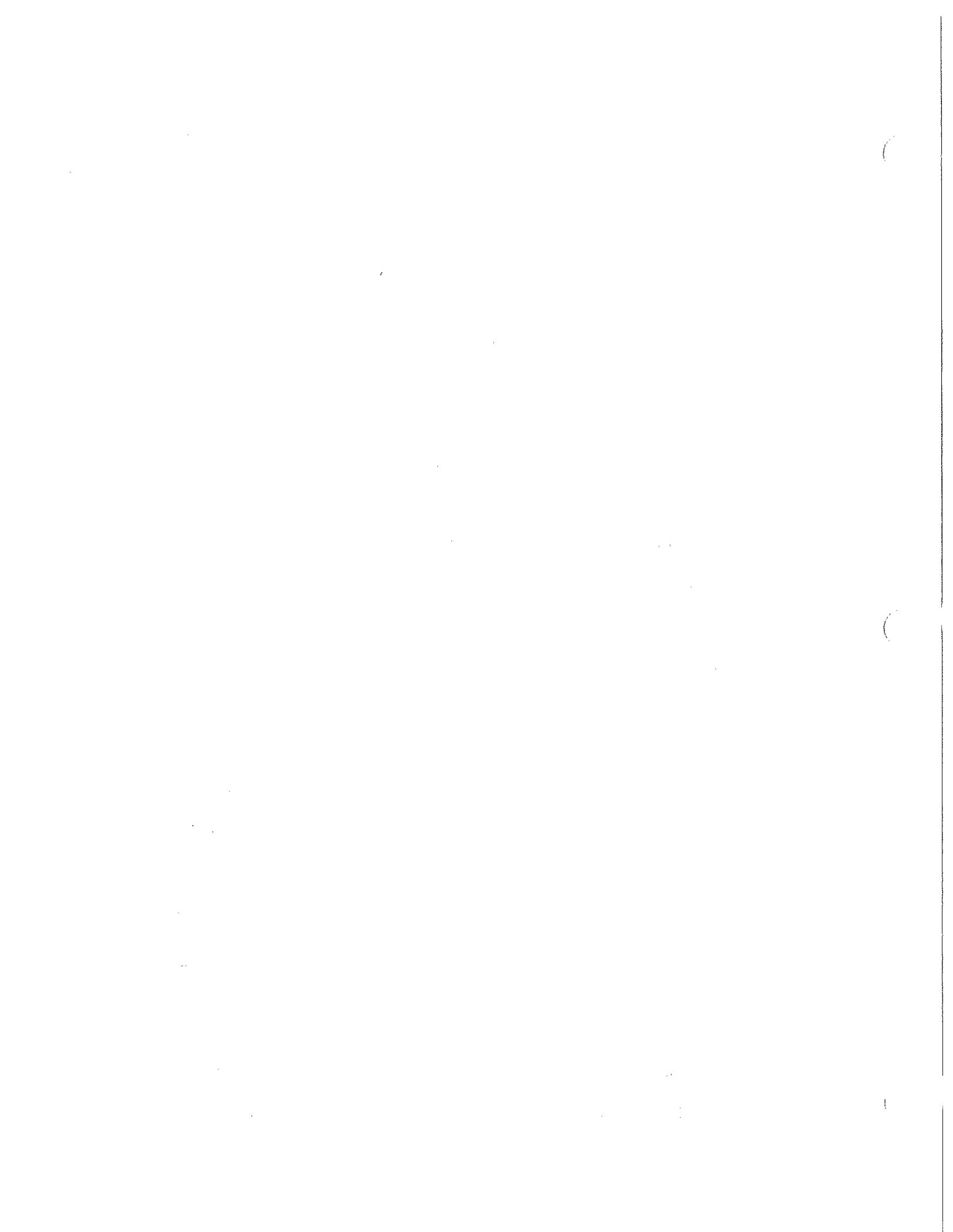
Notice of the time and place of the hearing was given as provided by law by publication in the following newspapers: One, the Indianapolis Star, Indianapolis; two, The Times, Munster.

Will the official reporter designated for this hearing please stand and raise her right hand and state her name?

COURT REPORTER: Heather Orbaugh.

(Court reporter sworn.)

MS. JUDY LOMBARDO: The Office of Air Management has submitted a Request for Redesignation and Limited Maintenance Plan for Carbon Monoxide Attainment for Lake and Marion Counties. I



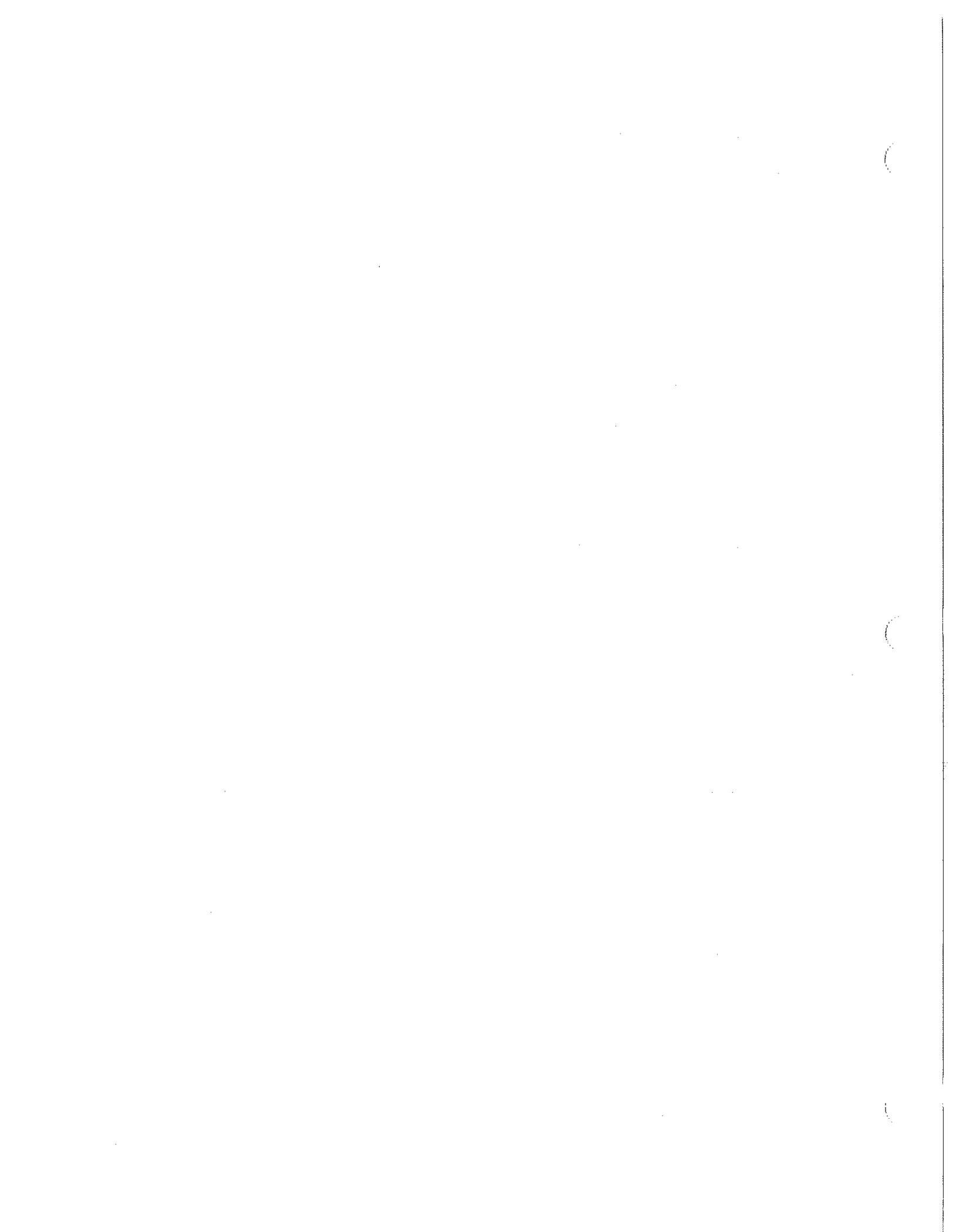
1 will provide a brief background on this request later  
2 during this meeting.

3 The purpose of this public hearing is to  
4 provide interested persons an opportunity to offer  
5 comments to the agency on the submittal.

6 Appearance blanks have been distributed  
7 in the hearing room for all those desiring to be shown  
8 appearing on record in this case. If you have not  
9 already filled out the form, please do so and indicate  
10 if you are appearing for yourself or on behalf of a  
11 group or organization and identify such group or  
12 organization. Also, note the capacity in which you  
13 appear, such as, attorney, officer or authorized  
14 spokesperson.

15 Any person who is heard or represented at  
16 this hearing or who requests notice may be given  
17 written notice of the final action taken on this  
18 submittal. Please indicate on the appearance card if  
19 you wish to receive this notification. When appearance  
20 cards have been completed, they should be handed to me  
21 and I will include them with the official record of  
22 this proceeding.

23 Oral statements will be heard, but  
24 written statements may be handed to me or mailed to the  
25 Office of Air Management on or before close of business



1 on November 17, 1999. A written transcript of this  
2 hearing is being made. The transcript will be open for  
3 public inspection and a copy of the transcript will be  
4 made available to any person upon payment of the  
5 copying cost.

6 After the conclusion of this public  
7 hearing, I will prepare a written report summarizing  
8 the comments received at this hearing and recommending  
9 changes which may need to be made to this document.

10 I would like to introduce the following  
11 documents into the record: One, the notice of public  
12 hearing; and two, the document titled, "Request for  
13 Redesignation and Limited Maintenance Plan for Carbon  
14 Monoxide Attainment for Lake County and Marion County."

15 I would like to briefly go over the  
16 background and contents of IDEM's submittal to  
17 redesignate Lake and Marion Counties to attainment for  
18 CO.

19 Based upon monitored violations of the CO  
20 standard, portions of Lake and Marion Counties have  
21 been designated as nonattainment for CO. This request  
22 is to change the status to attainment for the entire  
23 county in both cases.

24 In order for a county to have its status  
25 changed, it must meet several requirements established

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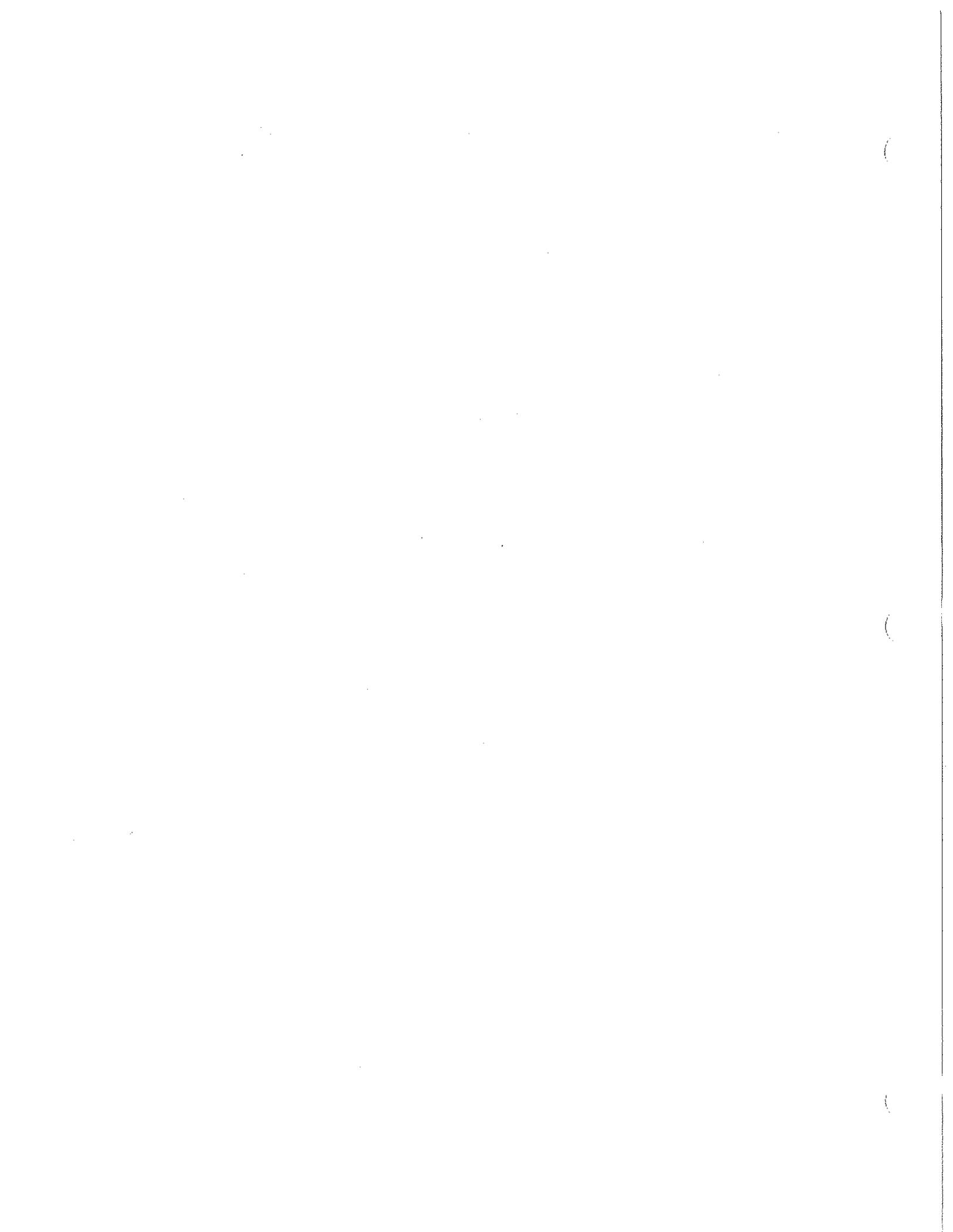
1 by the USEPA. These are: One, ambient monitoring data  
2 showing that the county has met the National Ambient  
3 Air Quality Standards for the past three years; two,  
4 air quality improvements that can be attributed to  
5 reductions in CO emissions which are permanent and  
6 enforceable; three, a maintenance plan that assures  
7 continued attainment of the standard.

8 This document shows that all of the above  
9 criteria have been met.

10 Enclosure A-Item 2 contains charts that  
11 show the monitored values since 1980. These charts  
12 show that the values are well below the standard and  
13 that there have been no exceedances in either county  
14 since 1986. The ambient air quality network will  
15 continue to monitor CO in the future.

16 IDEM has compiled an emissions inventory  
17 since 1980. While collection techniques and quality  
18 assurance procedures have changed since the earliest  
19 inventories, our inventories show that emissions have  
20 greatly decreased over the years in which IDEM's CO  
21 rules were being implemented.

22 Finally, this request also contains a  
23 maintenance plan which will be used to assure continued  
24 attainment. It contains specific monitored levels  
25 which will trigger responses by IDEM.



1                   This concludes my comments about  
2   Indiana's Attainment Demonstration for CO for Lake and  
3   Marion Counties.

4                   This hearing is now opened for public  
5   comment. Are there any public comments?

6                                   (No comments were heard.)

7                                   MS. JUDY LOMBARDO: These  
8   proceedings are hereby concluded. This hearing is  
9   adjourned.

10                                   (Proceedings adjourned.)

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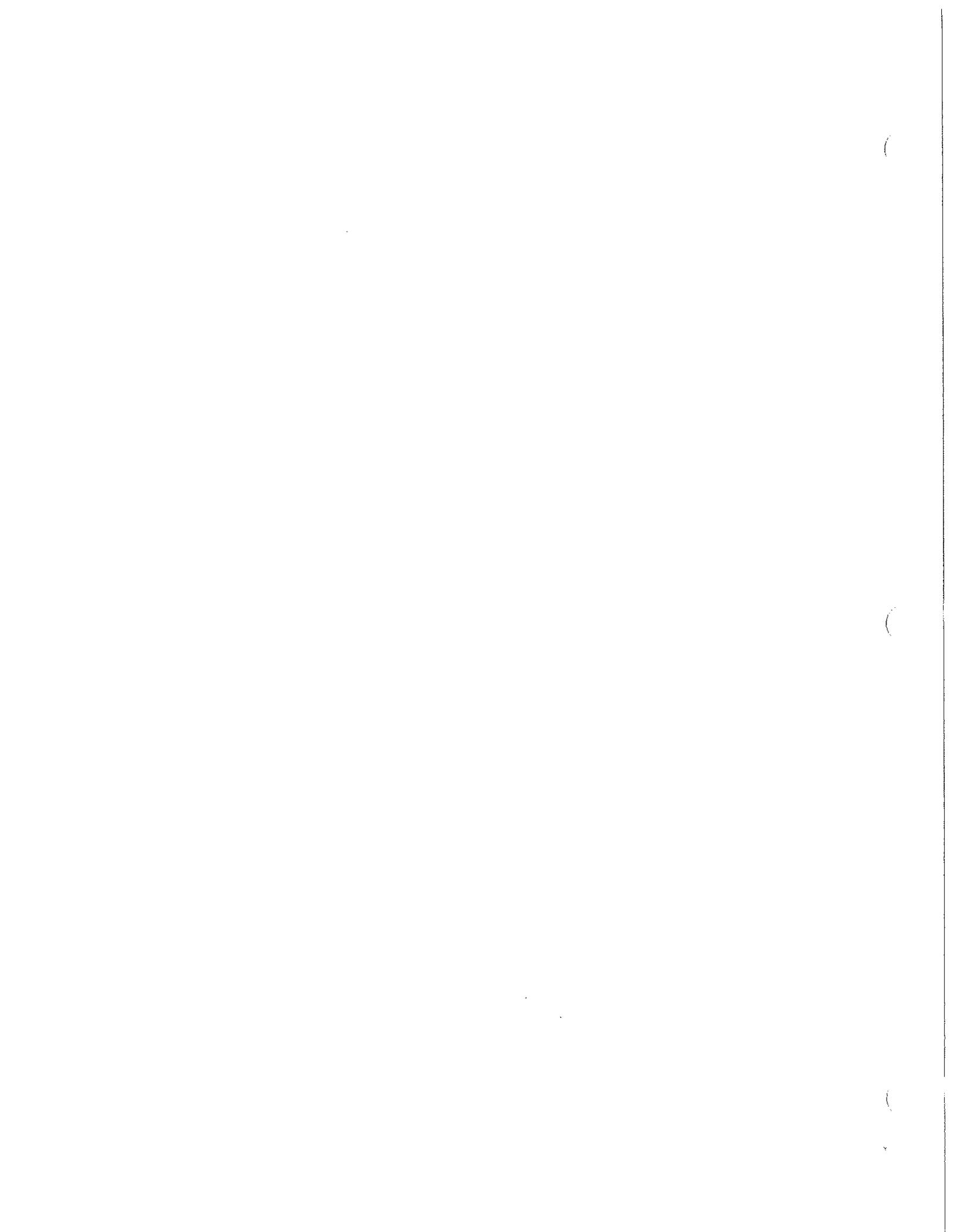
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CERTIFICATE

STATE OF INDIANA            )  
                                  ) ss:  
COUNTY OF TIPTON            )

I, Heather S. Orbaugh, the undersigned Court Reporter and Notary Public residing and maintaining offices in the City of Tipton, Tipton County, Indiana, do hereby certify:

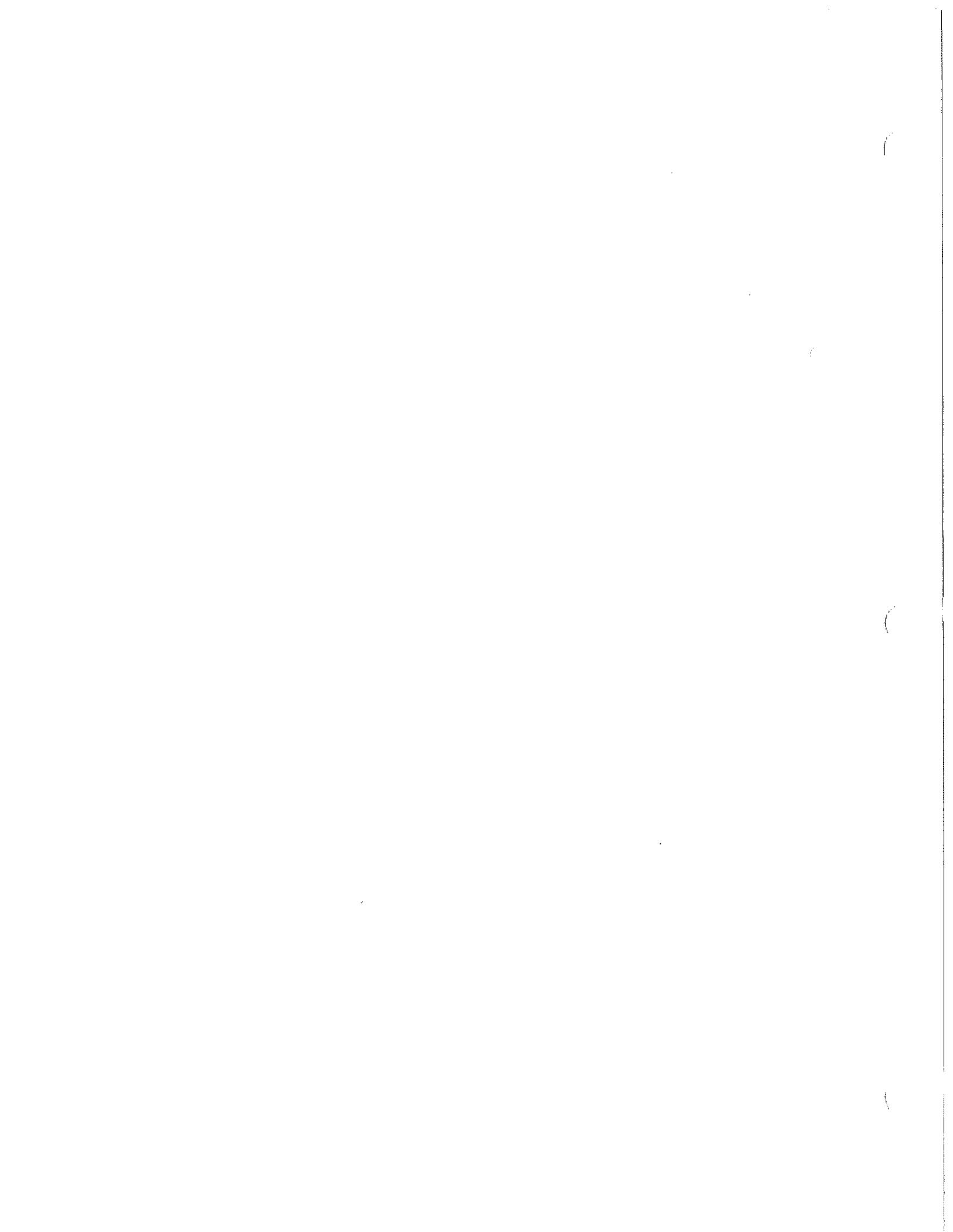
That I reported to the best of my ability in machine shorthand all of the words spoken by all parties in attendance during the course of the ensuing proceedings, including objections, if any, made by all counsel present;

That I later reduced my shorthand notes into the foregoing typewritten transcript form, which typewritten transcript is a true record to the best of my ability of the testimony given by the witness as stated above;

That I am not a relative or employee or attorney or counsel of any of the parties, nor am I a relative or an employee of such attorney or counsel, and that I am not financially interested in this action.

IN WITNESS HERETO, I have affixed my Notarial Seal and subscribed my signature below this 10th day of December, 1999.

Heather S. Orbaugh  
Notary Public  
County of Residence: Tipton            (Seal)  
My Commission Expires on: April 20, 2001



## ENVIRONMENTAL PROTECTION AGENCY

### 40 CFR Parts 52 and 81

[IN116-1a, FRL-6522-1]

### Approval and Promulgation of Implementation Plans; and Designation of Areas for Air Quality Planning Purposes; Indiana

**AGENCY:** Environmental Protection Agency (EPA).

**ACTION:** Direct final rule.

**SUMMARY:** The EPA is approving a request from Indiana for redesignation of the carbon monoxide (CO) nonattainment areas in Lake and Marion Counties, Indiana to attainment of the CO national ambient air quality standards (NAAQS). The EPA is also approving the plans for maintaining the CO standard in the portions of these counties currently designated as not attaining the CO NAAQS. On December 21, 1999, the State of Indiana submitted a redesignation request and revision to the Indiana State Implementation Plan (SIP) that included maintenance plans for both Lake and Marion Counties.

**DATES:** This rule is effective on March 20, 2000, unless EPA receives adverse written comments by February 18, 2000. If adverse comment is received, EPA will publish a timely withdrawal of the rule in the Federal Register and inform the public that the rule will not take effect.

**ADDRESSES:** Send written comments to: J. Elmer Bortzer, Chief, Regulation Development Section, Air Programs Branch (AR-18J), Environmental Protection Agency, 77 West Jackson Boulevard, Chicago, Illinois 60604.

Copies of the material submitted by the State in support of these requests are available for inspection at the Environmental Protection Agency, Region 5, Air and Radiation Division, 77 West Jackson Boulevard, Chicago, Illinois 60604. (Please telephone Patricia Morris at (312) 353-8656 before visiting the Region 5 Office.)

**FOR FURTHER INFORMATION CONTACT:** Patricia Morris, Environmental Scientist, Regulation Development Section, Air Programs Branch (AR-18J), EPA, Region 5, Chicago, Illinois 60604, (312) 353-8656.

**SUPPLEMENTARY INFORMATION:** Throughout this document wherever "we," "us," or "our" is used we mean EPA.

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#### Introduction

Under the Clean Air Act (Act), EPA may redesignate areas to attainment if sufficient data are available to warrant such changes and the area meets the criteria contained in section 107(d)(3) of the Act. This includes full approval of a maintenance plan for the area. EPA may approve a maintenance plan which meets the requirements of section 175A. On December 21, 1999, the State of Indiana submitted a redesignation request and section 175A maintenance plan for the Marion County (Indianapolis) and the Lake County (East Chicago) CO nonattainment areas. When approved, the section 175A maintenance plan will become a federally enforceable part of the SIP for these areas.

The following is a detailed analysis of the Marion County and Lake County, Indiana, Redesignation Request and section 175A Maintenance Plan SIP submittal.

#### I. When were these areas originally designated nonattainment for Carbon Monoxide?

EPA originally designated both the Marion County and the Lake County areas as CO nonattainment areas under section 107 of the Act on March 3, 1978 (43 FR 8962). In 1990, Congress amended the Act (1990 Act) and added a provision which authorizes EPA to classify nonattainment areas according to the degree of severity of the nonattainment problem. In 1991, EPA designated and classified all areas. Both counties were designated as nonattainment and not classified for CO (40 CFR 81.315). This is because at the time of the designation and classification in 1991, air quality monitoring data recorded in the area did not show violations of the CO NAAQS. However, the State had not completed a redesignation request showing that it had complied with all of the requirements of section 107 of the Act. As a result, EPA designated the area as nonattainment, but did not establish a nonattainment classification. The preamble to the Federal Register document for the 1991 designation contains more detail on this action (56 FR 56694).

Since the EPA's 1991 designation, monitors in both the Marion County and Lake County areas have not recorded a violation of the CO NAAQS. As a result, the area is eligible for redesignation to attainment consistent with the 1990 Act. On December 21, 1999, Indiana submitted a SIP revision request to the EPA which contained the redesignation request and maintenance plan, to ensure continued attainment of the CO standard for both the Marion County and Lake County areas. The State held public hearings on the redesignation request and maintenance plans on November 8 and 10, 1999.

#### II. What are the geographic boundaries of the CO nonattainment areas?

The CO nonattainment areas are much smaller than Lake County and Marion County, respectively. The Lake County nonattainment area is in the City of East Chicago (area bounded by Columbus Drive on the north, the Indiana Harbor Canal on the west, 148th St. if extended, on the south and Euclid Avenue on the east). The Marion County nonattainment area is in the central downtown area of Indianapolis (area bound by 11th St. on the north, Capitol on the west, Georgia

St. on the south and Delaware on the east).

### III. What are the criteria for redesignation?

The 1990 Act revised section 107(d)(3)(E), which specifies five requirements that an area must meet to be redesignated from nonattainment to attainment. These requirements are:

1. The area has attained the applicable NAAQS;
2. The area has met all relevant requirements under section 110 and part D of the Act;
3. The area has a fully approved SIP under section 110(k) of the Act;
4. The air quality improvement is permanent and enforceable; and,
5. The area has a fully approved maintenance plan pursuant to section 175A of the Act.

### IV. Has the State met the criteria for redesignation?

The EPA has reviewed the Indiana redesignation request for the Marion County area and the Lake County area and finds that the request for both of the areas meets the five requirements of section 107(d)(3)(E).

#### A. What data shows attainment of the CO NAAQS in Lake and Marion Counties in Indiana

There are currently 2 monitoring sites collecting CO data in Lake County, one at East Chicago Avenue and the other in Gary at Broadway and 15th Avenue. The design value for Lake County for the years 1996 and 1997 is 3.8 ppm. Both sites are showing attainment of the 8-hour and the 1-hour CO standard. Additional historic data are included in the State's request showing the historic downward trend and demonstrating that the area has been monitoring attainment since before 1991.

Currently 2 CO monitoring sites are operating in the Indianapolis area, one at Naval Avionics Center and the other at North Illinois Street. The CO design value for the years 1996 and 1997 in Marion County is 3.9 ppm. Both sites are showing attainment of the 8-hour and the 1-hour CO standard. Additional historic data are included in the State request.

The Indiana request is based on an analysis of quality-assured CO air quality data. Ambient air monitoring data for calendar years 1991 through 1998 show no violations of the CO NAAQS in either the Marion County or the Lake County area. The State collected this data in an EPA approved, quality assured, National Air Monitoring System monitoring network.

As a result, the areas meet the first statutory criterion for redesignation to attainment of the CO NAAQS. The State has committed to continue monitoring in these areas in accordance with 40 CFR part 58. As discussed further below, the design values for Lake (3.8 ppm) and Marion (3.9 ppm) Counties meet the test for the limited maintenance plan option since the design values are well below the 7.8 ppm level.

#### B. How does the State meet the applicable requirements of section 110 and part D?

EPA fully approved Indiana's CO rules on October 28, 1975, (41 FR 35677) as meeting the requirements of section 110(a)(2). Congress amended the Act in 1977 (the 1977 Act) to add part D. The 1990 Act modified section 110(a)(2) and, under part D, revised section 172 and added new requirements for classification of nonattainment areas. Therefore, in addition to complying with requirements of the 1977 Act, for purposes of redesignation, the Indiana SIP must satisfy all applicable requirements of section 110(a)(2) and part D added by the 1990 amendments. The amendments and Part D also added emission reduction requirements for carbon monoxide areas which were classified as moderate and serious. Areas such as Lake and Marion County, which were not classified, did not have additional emission reduction requirements. EPA has reviewed the SIP to ensure that it contains all measures that were required under the amended 1990 Act prior to and at the time Indiana submitted its redesignation request for the Lake County and Marion County areas.

#### i. Section 110 Requirements

The Lake County and Marion County areas SIP meets the requirements of amended section 110(a)(2). The requirements for enforceable emission limits, control measures, and enforcement did not change in substance and, therefore, EPA believes that the pre-amendment SIP met these requirements. The amendments added requirements for determining SIP completeness. The State has met these requirements. The EPA has analyzed the Indiana SIP and determined that it is consistent with the requirements of amended section 110(a)(2).

#### ii. Part D Requirements

Before EPA may redesignate the Lake County and Marion County areas to attainment, the SIP must have fulfilled the applicable requirements of part D.

Under part D, an area's classification indicates the requirements to which it is subject. Subpart 1 of part D sets forth the basic nonattainment requirements applicable to all nonattainment areas, classified as well as not classifiable. EPA designated both the Lake County and Marion County areas as "not classified" CO nonattainment areas (56 FR 56694, November 6, 1991), codified at 40 CFR 81.323. Therefore, to be redesignated to attainment, the State must meet the applicable requirements of subpart 1 of part D—specifically sections 172(c) and 176, (but not the requirements of subpart 3 of part D).

#### a. Subpart 1 of Part D—Section 172(c) Provisions

Section 172(c) sets forth general requirements applicable to all nonattainment areas. Under 172(b), the section 172(c) requirements are applicable as determined by the Administrator, but no later than 3 years from the date of the nonattainment designation. As discussed below, Indiana has satisfied the section 172(c) requirements.

"Reasonable Further Progress" (RFP), required by section 110, is annual incremental reductions that a nonattainment area must make toward attainment of the NAAQS. This requirement only has relevance during the time it takes an area to attain the NAAQS. Because the Lake County and Marion County areas have attained the NAAQS, the SIP has already achieved the necessary RFP toward that goal.

In addition, because the Lake County and Marion County areas have attained the NAAQS and are no longer subject to an RFP requirement, the section 172(c)(9) contingency measures are not applicable, unless EPA does not approve the redesignation request and maintenance plan. However, section 175A contingency measures still apply. The State has submitted an acceptable section 175A contingency plan.

Similarly, once EPA redesignates an area to attainment, nonattainment new source review (NSR) requirements are not applicable. The area then becomes subject instead to prevention of significant deterioration (PSD) requirements (45 FR 29790). The State has an approved NSR program (59 FR 51108, October 7, 1994). In addition, EPA has delegated the federal PSD program at 40 CFR 52.21 to the State of Indiana. Therefore, the State's demonstration is acceptable.

The General Preamble (57 FR 13560, April 16, 1992) explains that section 172(c)(1) requires the plans for all nonattainment areas to provide for the implementation of all Reasonably

Available Control Measures (RACM) as expeditiously as practicable. The EPA interprets this requirement to impose a duty on all nonattainment areas to consider all available control measures and to adopt and implement such measures as are reasonably available for implementation in the area as components of the area's attainment demonstration. Because the area has reached attainment, no additional measures are needed to provide for attainment.

#### b. Subpart 1 of Part D—Section 176 Conformity Provisions

Section 176(c) of the Act requires States to establish criteria and procedures to ensure that federally supported or funded projects conform to the air quality planning goals in the applicable State SIP. The requirement to determine conformity applies to transportation plans, programs and projects developed, funded or approved under title 23 U.S.C. or the Federal Transit Act ("transportation conformity"), as well as to all other federally supported or funded projects ("general conformity"). Section 176 further provides that state conformity revisions must be consistent with Federal conformity regulations that the Act required the EPA to promulgate. EPA approved Indiana's general conformity rule on December 23, 1997 (62 FR 67000). Indiana does not yet have an approved transportation conformity rule. Indiana has revised its transportation conformity rule several times and must undertake further revision to comply with a March 2, 1999, court decision (see 62 FR 43780). Indiana has committed to submit State transportation conformity regulations consistent with the Federal conformity regulations when revised to meet the court decision.

The EPA believes it is reasonable to interpret the conformity requirements as not applying for purposes of evaluating the redesignation request under section 107(d). The rationale for this is based on a combination of two factors. First, the requirement to submit SIP revisions to comply with the conformity provisions of the Act continues to apply to areas after redesignation to attainment, since such areas would be subject to a section 175A maintenance plan. Second, EPA's Federal conformity rules require the performance of conformity analyses in the absence of federally approved State rules. Therefore, because areas are subject to the conformity requirements regardless of whether they are redesignated to attainment and must implement conformity under Federal rules if State rules are not yet approved,

the EPA believes it is reasonable to view these requirements as not applying for purposes of evaluating a redesignation request. Consequently, EPA may approve the CO redesignation request for the Lake and Marion County areas notwithstanding the lack of a fully approved transportation conformity SIP. Included in the December 21, 1999, submittal is a commitment by the State to satisfy the applicable requirements of the final transportation conformity rules. This is acceptable since the Federal transportation conformity rule applies to maintenance areas.

For purposes of transportation conformity, the areas have been considered "hot spot" areas. The nonattainment areas are too small for either a budget or "build/no-build" analysis to be effective in determining conformity. The State has determined that CO hot spot analysis is required for any regionally significant transportation projects to be completed in these areas. The limited maintenance plan option (discussed in detail below) supports this by concluding that "an emissions budget may be treated as essentially not constraining for the length of the maintenance period because it is unreasonable to expect that such an area will experience so much growth in that period that a violation of the CO NAAQS would result." The hot spot analysis will continue to be required for any regionally significant transportation projects to be completed in these areas.

#### c. Subpart 3 Requirements

As noted in the General Preamble, the subpart 3 requirements do not apply to "not classified" CO nonattainment areas (57 FR 13535). EPA classified the Lake County and Marion County areas as "not classified" CO nonattainment areas on November 6, 1991 (56 FR 56694) codified at 40 CFR 81.323. Therefore, to be redesignated to attainment, the State does not have to meet the requirements of subpart 3 of part D.

#### C. Fully Approved SIP Under Section 110(k) of the Act

As noted above, because the areas are "not classified" nonattainment areas, the 1990 Act did not establish additional requirements under subpart 3. Prior to the 1990 Amendments, EPA had fully approved the State's CO SIP. Since the areas are not subject to the subpart 3 requirements, no additional requirements exist under section 110(k) which the State must address prior to redesignation.

#### D. Improvement in Air Quality Due to Permanent and Enforceable Measures

The State must demonstrate that the actual enforceable emission reductions

are responsible for the improvement in air quality.

The State provided a detailed discussion of the emission reductions of CO between 1977 and 1996 which it maintains were responsible for the improvement in air quality. Reductions occurred at stationary sources and mobile sources. The State made all emission estimates using EPA approved emissions inventory techniques. Consistent with EPA emission inventory guidance, the emission inventory represents average winter day *actual emissions* for the Lake and Marion Counties areas.

On-road mobile sources represent the majority of mobile source emissions in the Marion County CO nonattainment area. Reductions in mobile source CO emissions occurred through the Federal Motor Vehicle Control Program (FMVCP) and a number of transportation control measures that were implemented during the late 1970s and 1980s. These measures are still in effect today. In Marion County, 667.1 tons per year of CO were eliminated from the 1977 central business district emissions through transportation control measures (TCMs). After these TCMs were implemented, the area started monitoring attainment of the CO standard.

In Lake County, the steel plants currently contribute over half of the CO emissions in the base year inventory. However, Indiana determined that traffic density and traffic emissions were the primary cause of the CO nonattainment problem. Emissions from mobile sources and other point sources have been reduced through controls such as the FMVCP on motor vehicles and reasonably available control technology (RACT) on stationary sources. Indiana's documentation uses emissions inventory data taken from the Aerometric Information and Retrieval System (AIRS) to demonstrate the reductions in stationary source emissions. In Lake County, emissions from point sources have decreased from 225,379 tons per year in 1985 to 156,221 tons per year in 1996. However, EPA expects some growth in the future. Mobile source emission reductions were made through the FMVCP. A 35% reduction took place during the years 1981 to 1987 from these controls. The Lake County basic vehicle inspection and maintenance (I/M) program has resulted in a 13% reduction in CO emissions in Lake County. An enhanced vehicle I/M program is currently being operated in Lake County which will result in additional reductions. However, Indiana did not quantify the

additional expected reductions from the enhanced vehicle I/M program.

Indiana included actual emissions for point sources from 1985 through 1997. Indiana used actual activity levels, emissions factors based on the EPA Factor Information Retrieval System Version 6.1B, and control technology effectiveness to estimate emissions. All emissions are recorded in the AIRS facility data system.

Although not required under the limited maintenance plan option (discussed in detail below), Indiana projected point source emissions from the base year of 1996 out to the year 2007 by applying the Emissions Growth Analysis System (EGAS) to the 1996 point source inventory.

The State has adequately demonstrated that the improvement in air quality is due to permanent and enforceable emission reductions of CO as a result of the federally enforceable FMVCP and local transportation control measures in Marion County and federally enforceable FMVCP, vehicle inspection and maintenance and stationary control measures in Lake County.

*E. Fully Approved Maintenance Plan Under Section 175A*

Section 175A of the Act sets forth the elements of a maintenance plan for areas seeking redesignation from nonattainment to attainment. The plan must demonstrate continued attainment of the applicable NAAQS for at least 10 years after the EPA approves a redesignation to attainment. Eight years after the redesignation, the State must submit a revised maintenance plan which demonstrates attainment for the 10 years following the initial 10-year period. To address potential future NAAQS violations, the maintenance plan must contain contingency measures, with a schedule for implementation adequate to assure prompt correction of any air quality problems.

Under section 175A(d) contingency provisions must include a requirement that the State will implement all control measures that were in the SIP prior to redesignation as an attainment area.

In this action, EPA is approving the State of Indiana's maintenance plan for the Lake County and Marion County areas because EPA finds that Indiana's submittal meets the requirements of section 175A. The details of the maintenance plan requirements and how Indiana's submittal meets these requirements are detailed below.

i. What is the limited maintenance plan option?

The EPA issued guidance on October 6, 1995, titled "Limited Maintenance Plan Option for Nonclassifiable CO Nonattainment Areas." This option is only available to CO nonattainment areas with design values at or below 7.65 ppm (85 percent of exceedance levels of the CO ambient air quality standard). The limited maintenance plan option allows areas that are well below the national ambient air quality standard (design value at or below 7.65 ppm) to submit a less rigorous maintenance plan than was formerly required. The limited maintenance plan must meet certain core requirements. These requirements are:

- a. The State must submit an attainment emissions inventory based on actual "typical winter day" emissions of CO in the monitored attainment years.
- b. The maintenance demonstration does not need to project emissions over the maintenance period. The design value criteria are expected to provide adequate assurance of maintenance over the initial 10-year period.
- c. The State must continue operating an approved air quality monitoring network.
- d. The State must have a contingency plan and specific indicators or triggers for implementation of the contingency plan.
- e. The conformity determination under a limited maintenance plan can consider the emissions budget as essentially not constraining for the length of the initial maintenance plan.

ii. How has the State met the limited maintenance plan requirements?

a. Emissions Inventory. The State has adequately developed an attainment emission inventory for 1996 for both Lake County and Marion County.

TABLE 1. CO MAINTENANCE EMISSION INVENTORY SUMMARY 1996

[tons per typical winter day] for Marion County

Category	1996 tpd
Mobile sources .....	911
Area sources .....	140
Foundry .....	104
Other point sources .....	4
Total .....	1159

TABLE 2. CO MAINTENANCE EMISSION INVENTORY SUMMARY 1996

[tons per typical winter day] for Lake County

Category	1996 tpd
Mobile sources .....	302
Area sources .....	46
Steel plants .....	384
Other point sources .....	19
Total .....	751

The State has adequately demonstrated continued attainment of the CO NAAQS. The design values for the areas are well below the NAAQS for CO. The State has demonstrated permanent and enforceable reductions from the 1980 time frame when the areas were violating the CO NAAQS.

b. Projection of Emissions Over the Maintenance Period. Although not required for a limited maintenance plan approval, the State projected emissions out to the 2007 time period. The State documentation projects a small increase in emissions for Marion County. However, the projected levels for Marion County will be considerably under the CO levels prior to 1987, when the last exceedance occurred.

c. Verification of Continued Attainment. In the submittal the State commits to continue to operate and maintain the network of ambient CO monitoring stations in accordance with provisions of 40 CFR part 58 to demonstrate ongoing compliance with the CO NAAQS.

The submittal presents the tracking plan for the maintenance period which consists of continued CO monitoring. The State will continue to monitor CO levels throughout the Lake County and Marion County areas to demonstrate ongoing compliance with the CO NAAQS.

d. Contingency Plan. The contingency plan contains two levels of triggers: Indiana will implement a Level I response if there is a monitored air quality violation of the CO NAAQS, as defined in 40 CFR 50.8. The trigger date will be the date that the State certifies to EPA that the air quality data are quality assured, which will be no later than 30 days after monitoring an ambient air quality violation. In this case, Indiana will select measures that could be implemented in a short time so as to be in place as rapidly as possible.

Indiana will implement a Level II response in the event that monitored ambient CO values exceed 90 percent of the level of any ambient air quality standard at any site in the affected area. A Level II response consists of undertaking a study to determine whether the noted trends are likely to

continue; and, if so, implementing the control measures necessary to reverse the trend.

The level of CO emissions in the Lake County and Marion County areas will largely determine the ability to stay in compliance with the CO NAAQS in the future. As required by section 175A of the Act, Indiana has provided contingency measures with a schedule for implementation if a future CO air quality problem occurs. Contingency measures in the plan include one or more transportation control measures such as trip reduction programs, transit improvements and traffic flow improvements. In addition, Indiana will examine the point source inventory for sources with increased emissions and new sources. Indiana will implement contingency measures with full public participation. For a Level I response, Indiana commits to implementation within 12 months after it becomes aware that a violation occurred.

**e. Conformity Determinations.**

Conformity determinations will be made using a "hot-spot" analysis to assure that any new transportation projects in the current CO areas do not cause or contribute to CO nonattainment. Mobile source emissions budgets have not been delineated for Lake or Marion Counties. The limited maintenance plan option allows the State to consider the emissions budget as essentially not constraining for the length of the initial maintenance plan.

**iii. Commitment to Submit Subsequent Maintenance Plan Revisions**

The State has committed to submit a new maintenance plan within eight years of the redesignation of the Lake County and Marion County areas, as required by section 175(A)(b). This subsequent maintenance plan must constitute a SIP revision and provide for the maintenance of the CO NAAQS for a period of 10 years after the expiration of the initial 10 year maintenance period.

**V. Rulemaking Action**

EPA is approving, the Lake County and Marion County redesignation request for CO because the State has complied with the requirements of section 107(d)(3)(E) of the Act. In addition, EPA is approving the Lake County and Marion County CO maintenance plans as a SIP revision meeting the requirements of section 175A.

EPA is publishing this action without prior proposal because EPA views this as a noncontroversial revision and anticipates no adverse comments. However, in a separate document in this

Federal Register publication, EPA is proposing to approve the SIP revision should adverse written comments be filed. This action will be effective March 20, 2000 without further notice unless EPA receives relevant adverse written comment by February 18, 2000. Should the Agency receive such comments, it will publish a withdrawal informing the public that this action will not take effect. Any parties interested in commenting on this action should do so at this time. If no such comments are received, the public is advised that this action will be effective on March 20, 2000.

**VI. Administrative Requirements**

**A. Executive Order 12866**

The Office of Management and Budget (OMB) has exempted this regulatory action from Executive Order 12866, entitled "Regulatory Planning and Review."

**B. Executive Order 12875**

Under Executive Order 12875, EPA may not issue a regulation that is not required by statute and that creates a mandate upon a state, local, or tribal government, unless the Federal government provides the funds necessary to pay the direct compliance costs incurred by those governments. If the mandate is unfunded, EPA must provide to the Office of Management and Budget a description of the extent of EPA's prior consultation with representatives of affected state, local, and tribal governments, the nature of their concerns, copies of written communications from the governments, and a statement supporting the need to issue the regulation.

In addition, Executive Order 12875 requires EPA to develop an effective process permitting elected officials and other representatives of state, local, and tribal governments "to provide meaningful and timely input in the development of regulatory proposals containing significant unfunded mandates." Today's rule does not create a mandate on state, local or tribal governments. The rule does not impose any enforceable duties on these entities. Accordingly, the requirements of section 1(a) of Executive Order 12875 do not apply to this rule.

On August 4, 1999, President Clinton issued a new executive order on federalism, Executive Order 13132, (64 FR 43255 (August 10, 1999)), which will take effect on November 2, 1999. In the interim, the current Executive Order 12612, (52 FR 41685 (October 30, 1987)), on federalism still applies. This rule will not have a substantial direct

effect on States, on the relationship between the national government and the States, or on the distribution of power and responsibilities among the various levels of government, as specified in Executive Order 12612. The rule affects only one State, and does not alter the relationship or the distribution of power and responsibilities established in the Clean Air Act.

**C. Executive Order 13045**

Protection of Children from Environmental Health Risks and Safety Risks (62 FR 19885, April 23, 1997), applies to any rule that: (1) is determined to be "economically significant" as defined under Executive Order 12866, and (2) concerns an environmental health or safety risk that EPA has reason to believe may have a disproportionate effect on children. If the regulatory action meets both criteria, the Agency must evaluate the environmental health or safety effects of the planned rule on children, and explain why the planned regulation is preferable to other potentially effective and reasonably feasible alternatives considered by the Agency.

This rule is not subject to Executive Order 13045 because it does not involve decisions intended to mitigate environmental health or safety risks.

**D. Executive Order 13084**

Under Executive Order 13084, EPA may not issue a regulation that is not required by statute, that significantly affects or uniquely affects the communities of Indian tribal governments, and that imposes substantial direct compliance costs on those communities, unless the Federal government provides the funds necessary to pay the direct compliance costs incurred by the tribal governments. If the mandate is unfunded, EPA must provide to the Office of Management and Budget, in a separately identified section of the preamble to the rule, a description of the extent of EPA's prior consultation with representatives of affected tribal governments, a summary of the nature of their concerns, and a statement supporting the need to issue the regulation.

In addition, Executive Order 13084 requires EPA to develop an effective process permitting elected and other representatives of Indian tribal governments "to provide meaningful and timely input in the development of regulatory policies on matters that significantly or uniquely affect their communities." Today's rule does not significantly or uniquely affect the communities of Indian tribal

governments. Accordingly, the requirements of section 3(b) of Executive Order 13084 do not apply to this rule.

#### E. Regulatory Flexibility Act

The Regulatory Flexibility Act (RFA) generally requires an agency to conduct a regulatory flexibility analysis of any rule subject to notice and comment rulemaking requirements unless the agency certifies that the rule will not have a significant economic impact on a substantial number of small entities. Small entities include small businesses, small not-for-profit enterprises, and small governmental jurisdictions.

This final rule will not have a significant impact on a substantial number of small entities because SIP approvals under section 110 and subchapter I, part D of the Clean Air Act do not create any new requirements but simply approve requirements that the State is already imposing. Therefore, because the Federal SIP approval does not create any new requirements, I certify that this action will not have a significant economic impact on a substantial number of small entities.

Moreover, due to the nature of the Federal-State relationship under the Clean Air Act, preparation of flexibility analysis would constitute Federal inquiry into the economic reasonableness of state action. The Clean Air Act forbids EPA to base its actions concerning SIPs on such grounds. *Union Electric Co., v. U.S. EPA*, 427 U.S. 246, 255-66 (1976); 42 U.S.C. 7410(a)(2).

#### F. Unfunded Mandates

Under section 202 of the Unfunded Mandates Reform Act of 1995 ("Unfunded Mandates Act"), signed into law on March 22, 1995, EPA must prepare a budgetary impact statement to accompany any proposed or final rule that includes a Federal mandate that may result in estimated annual costs to State, local, or tribal governments in the aggregate; or to private sector, of \$100 million or more. Under section 205, EPA must select the most cost-effective and least burdensome alternative that achieves the objectives of the rule and is consistent with statutory requirements. Section 203 requires EPA to establish a plan for informing and advising any small governments that may be significantly or uniquely impacted by the rule.

EPA has determined that the approval action promulgated does not include a Federal mandate that may result in estimated annual costs of \$100 million or more to either State, local, or tribal governments in the aggregate, or to the

private sector. This Federal action approves pre-existing requirements under State or local law, and imposes no new requirements. Accordingly, no additional costs to State, local, or tribal governments, or to the private sector, result from this action.

#### G. Submission to Congress and the Comptroller General

The Congressional Review Act, 5 U.S.C. 801 *et seq.*, as added by the Small Business Regulatory Enforcement Fairness Act of 1996, generally provides that before a rule may take effect, the agency promulgating the rule must submit a rule report, which includes a copy of the rule, to each House of the Congress and to the Comptroller General of the United States. EPA will submit a report containing this rule and other required information to the U.S. Senate, the U.S. House of Representatives, and the Comptroller General of the United States prior to publication of the rule in the Federal Register. A major rule cannot take effect until 60 days after it is published in the Federal Register. This rule is not a "major" rule as defined by 5 U.S.C. 804(2).

#### H. National Technology Transfer and Advancement Act

Section 12 of the National Technology Transfer and Advancement Act (NTTAA) of 1995 requires Federal agencies to evaluate existing technical standards when developing a new regulation. To comply with NTTAA, EPA must consider and use "voluntary consensus standards" (VCS) if available and applicable when developing programs and policies unless doing so would be inconsistent with applicable law or otherwise impractical.

The EPA believes that VCS are inapplicable to this action. Today's action does not require the public to perform activities conducive to the use of VCS.

#### I. Petitions for Judicial Review

Under section 307(b)(1) of the Clean Air Act, petitions for judicial review of this action must be filed in the United States Court of Appeals for the appropriate circuit by March 20, 2000. Filing a petition for reconsideration by the Administrator of this final rule does not affect the finality of this rule for the purposes of judicial review nor does it extend the time within which a petition for judicial review may be filed, and shall not postpone the effectiveness of such rule or action. This action may not be challenged later in proceedings to enforce its requirements. (See section 307(b)(2).)

#### List of Subjects

##### 40 CFR Part 52

Environmental protection, Air pollution control, Carbon monoxide, Intergovernmental relations, Reporting and recordkeeping requirements.

##### 40 CFR Part 81

Environmental protection, Air pollution control, National parks, Wilderness areas.

Authority for parts 52 and 81: 42 U.S.C. 7401 *et seq.*

Dated: January 3, 2000.

Francis X. Lyons,  
Regional Administrator, Region 5.

For the reasons stated in the preamble, part 52, chapter I, title 40 of the Code of Federal Regulations and part 81, chapter I, subchapter C are amended as follows:

#### PART 52—[AMENDED]

1. The authority citation for part 52 continues to read as follows:

Authority: 42 U.S.C. 7401 *et seq.*

##### Subpart P—Indiana

2. Section 52.785 is amended by adding paragraph (b) to read as follows:

§ 52.785 Control strategy: Carbon monoxide.

\* \* \* \* \*

(b) On December 21, 1999, the Indiana Department of Environmental Management submitted carbon monoxide maintenance plans for those portions of Lake and Marion Counties which they requested the Environmental Protection Agency redesignate to attainment of the carbon monoxide national ambient air quality standard.

\* \* \* \* \*

#### PART 81—[AMENDED]

1. The authority citation for part 81 continues to read as follows:

Authority: 42 U.S.C. 7401 *et seq.*

##### Subpart C—Section 107 Attainment Status Designations

2. The table in § 81.315 entitled "Indiana Carbon Monoxide" is amended by revising the entry for the "East Chicago Area" and the "Indianapolis Area" to read as follows:

§ 81.315 Indiana

INDIANA-CARBON MONOXIDE

Designated Areas	Designation		Classification	
	Date <sup>1</sup>	Type	Date <sup>1</sup>	Type
East Chicago Area:				
Lake County (part) .....	February 18, 2000 .....	Attainment.		
Part of City of East Chicago (area bounded by Columbus Drive on the north, the Indiana Harbor Canal on the west, 148th St. if extended, on the south, and Euclid Ave. on the east).				
Indianapolis Area:				
Marion County (part) .....	February 18, 2000 .....	Attainment.		
Part of City of Indianapolis (area bounded by 11th St. on the north, Capital on the west, Georgia St. on the south, and Delaware on the east).				
Lake County (part):				
The remainder of East Chicago and Lake County. ....		Unclassifiable/Attainment.		
Marion County (part)				
The remainder of Indianapolis and Marion County. ....		Unclassifiable/Attainment.		

<sup>1</sup> This date is November 15, 1990, unless otherwise noted.

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**ENVIRONMENTAL PROTECTION AGENCY**

**40 CFR Part 147**

[FRL-6516-7]

**State of Alabama; Underground Injection Control (UIC) Program Revision; Approval of Alabama's Class II UIC Program Revision**

**AGENCY:** Environmental Protection Agency (EPA).

**ACTION:** Final rule.

**SUMMARY:** EPA announces a final rule regarding approval of Alabama's Class II Underground Injection Control (UIC) Program Revision to regulate as "underground injection" hydraulic fracturing of coal beds associated with methane gas production. This rule finalizes the Agency's decision to approve the revision to Alabama's Class II UIC program administered by the State Oil and Gas Board of Alabama (the Board). This action determines that the State has an effective program regulating hydraulic fracturing associated with methane gas production as underground injection pursuant to an EPA approved underground injection control program. This action also allows EPA to conclude all withdrawal proceedings initiated by

EPA concerning Alabama's Class II UIC program. The Administrator approved the revision to Alabama's Class II UIC program administered by the Board to regulate hydraulic fracturing of coal beds as underground injection on December 22, 1999.

**DATES:** Pursuant to the "good cause" provision of 5 U.S.C. 553(d)(3), this final rule is effective January 19, 2000.

The incorporation by reference of certain publications listed in this regulation was approved by the Director of the Federal Register as of January 19, 2000.

**ADDRESSES:** Copies of the public comments received, EPA responses, and all other supporting documents regarding this action are available for review and copying between 8:30 a.m. and 4:00 p.m. Monday through Friday at the Environmental Protection Agency, Region 4, Water Management Division, Ground Water/Drinking Water Branch, Ground Water & UIC Section, Sam Nunn Atlanta Federal Center, 61 Forsyth Street, S.W., Room 15-T53 Atlanta, GA 30303-8960, PH: (404) 562-9474.

**FOR FURTHER INFORMATION CONTACT:** Mr. Larry Cole, at (404) 562-9474 or at the address above.

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**I. Submission to Congress and the Comptroller General Pursuant to the Congressional Review Act**

