Agrico
ONE OF THE WILLIAMS COMPANIES

DER
APR 5 1982
BAQM

March 30, 1982

Mr. Thomas W. Devine
Director, Air and Hazardous Materials Division
U.S.E.P.A., Region IV
345 Courtland Street
Atlanta, Georgia 30365

RE: PSD Permit PSD-FL-061

Dear Mr. Devine:

On March 15, 1982, construction of a Purified MAP/DAP Plant at the South Pierce Chemical Works was commenced. The estimated startup of the plant will be April 1, 1983. This plant is part of a multi-unit expansion as described in PSD Permit PSD-FL-061, dated January 21, 1981.

The above information is submitted in accordance with 40 CFR 60.7. If you have any questions, please feel free to contact me at 813-428-1423.

Sincerely,

Edward E. Mayer

Edward E. Mayer,
Environmental Engineer

cc: S. Smallwood, (D.E.R.)
L. Lahman
B. Curtis
V. Snow

EEM/lgm

Agrico Chemical Company • South Pierce Chemical Works • P. O. Box 1969, Hwy. 630 • Bartow, Florida 33830
(813) 428-1423

CCA Container Corporation of America

[illegible] North Eighth Street
Fernandina Beach, Florida 32034
Phone 904 261 5551

DER
NOV 18 1982
BAQM

November 12, 1982

Mr. Thomas W. Devine
Director Air and Hazardous Materials Division
U.S.E.P.A. Region IV
345 Courtland Street
Atlanta, Georgia 30355

Re: CCA #7 Power Boiler Startup
PSD - 062
AC 45-35532

Mr. Devine:

This letter is intended to serve as the notification required in general condition #2 of the Construction Permit issued April 13, 1981, for our #7 Power Boiler.

Our present plans call for boiler startup during the week of December 13, 1982. At this time the compliance/performance testing of the boiler is planned for Spring 1983, but no later than 180 days after startup.

Should you have any questions, please don't hesitate to call me at (904) 261-5551.

Sincerely,

Eric J. Schmidt
Environmental Dept. Group Leader

cc: Steve Smallwood - F.D.E.R.

12/2/82 Johnny Cole has already seen the (a copy) letter.
@2:50 PM
BAM

DEPARTMENT OF ENVIRONMENTAL REGULATION

ROUTING AND TRANSMITTAL SLIP

ACTION NO

ACTION DUE DATE

KAHEL		[✓ FANCY]		STARNES	
BLOMMEL		[✓ THOMAS]		MARTY HALL	
BARKER		GEORGE		MARSHALL MOTT-SMITH	
J. ROGERS		PALAGYI			

REMARKS

Patty! cc district then to John, then file

Bruce
Rcd 12/2/82 pm

INFORMATION
- REVIEW & RETURN
- REVIEW & FILE
- INITIAL & FORWARD

DISPOSITION
- REVIEW & RESPOND
- PREPARE RESPONSE
- FOR MY SIGNATURE
- FOR YOUR SIGNATURE
- LET'S DISCUSS
- SET UP MEETING
- INVESTIGATE & REPT
- INITIAL & FORWARD
- DISTRIBUTE
- CONCURRENCE
- FOR PROCESSING
- INITIAL & RETURN

FROM: STEVE SMALLWOOD

DATE

PHONE

CCA
Container Corporation of America

North Eighth Street
Fernandina Beach, Florida 32034

Phone: 904 261-5551

December 21, 1982

DER
JAN 06 1983
BAQM

Mr. Thomas W. Devine
Director Air and Hazardous Materials Division
U.S.E.P.A. Region IV
345 Courtland Street
Atlanta, Georgia 30355

Re: CCA #7 Power Boiler Startup
PSD - 062
AC 45-35532

Mr. Devine:

This letter is intended to serve as notice of our start-up of our #7 Power Boiler. The boiler was on-line and fired totally by coal on December 12, 1982. We plan to accomplish the compliance/performance testing no later than 180 days from the above start-up date and will notify your office as soon as testing dates are finalized.

Should you have any questions, please don't hesitate to call me at (904) 261-5551.

Sincerely,

Eric J. Schmidt
Environmental Department Group Leader

EJS/ech

cc: Steve Smallwood - FDER
Johnny Cole - FDER

DEPARTMENT OF ENVIRONMENTAL REGULATION

ROUTING AND TRANSMITTAL SLIP

ACTION NO

ACTION DUE DATE

KAHEL		FANCY		STARNES	
~~BLOMMEL~~		[✓ THOMAS]		MARTY HALL	
BARKER		GEORGE		MARSHALL MOTT-SMITH	
J.ROGERS		PALAGYI			

REMARKS

~~Mitchell~~
BB
1/6/83

INFORMATION

- ☐ REVIEW & RETURN
- ☐ REVIEW & FILE
- ☐ INITIAL & FORWARD

DISPOSITION

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- ☐ FOR PROCESSING
- ☐ INITIAL & RETURN

FROM: STEVE SMALLWOOD

DATE

PHONE

State of Florida
DEPARTMENT OF ENVIRONMENTAL REGULATION

INTEROFFICE MEMORANDUM

For Routing To District Offices
And/Or To Other Than The Addressee

To: ____________ Loctn.: ____________
To: ____________ Loctn.: ____________
To: ____________ Loctn.: ____________
From: ____________ Date: ____________
Reply Optional [ ] Reply Required [ ] Info. Only [ ]
Date Due: ____________ Date Due: ____________

ST. JOHNS RIVER SUBDISTRICT, JACKSONVILLE

DER
FEB 23 1982
BAQM

TO: Larry George, BAQM

FROM: Johnny Cole

DATE: February 22, 1982

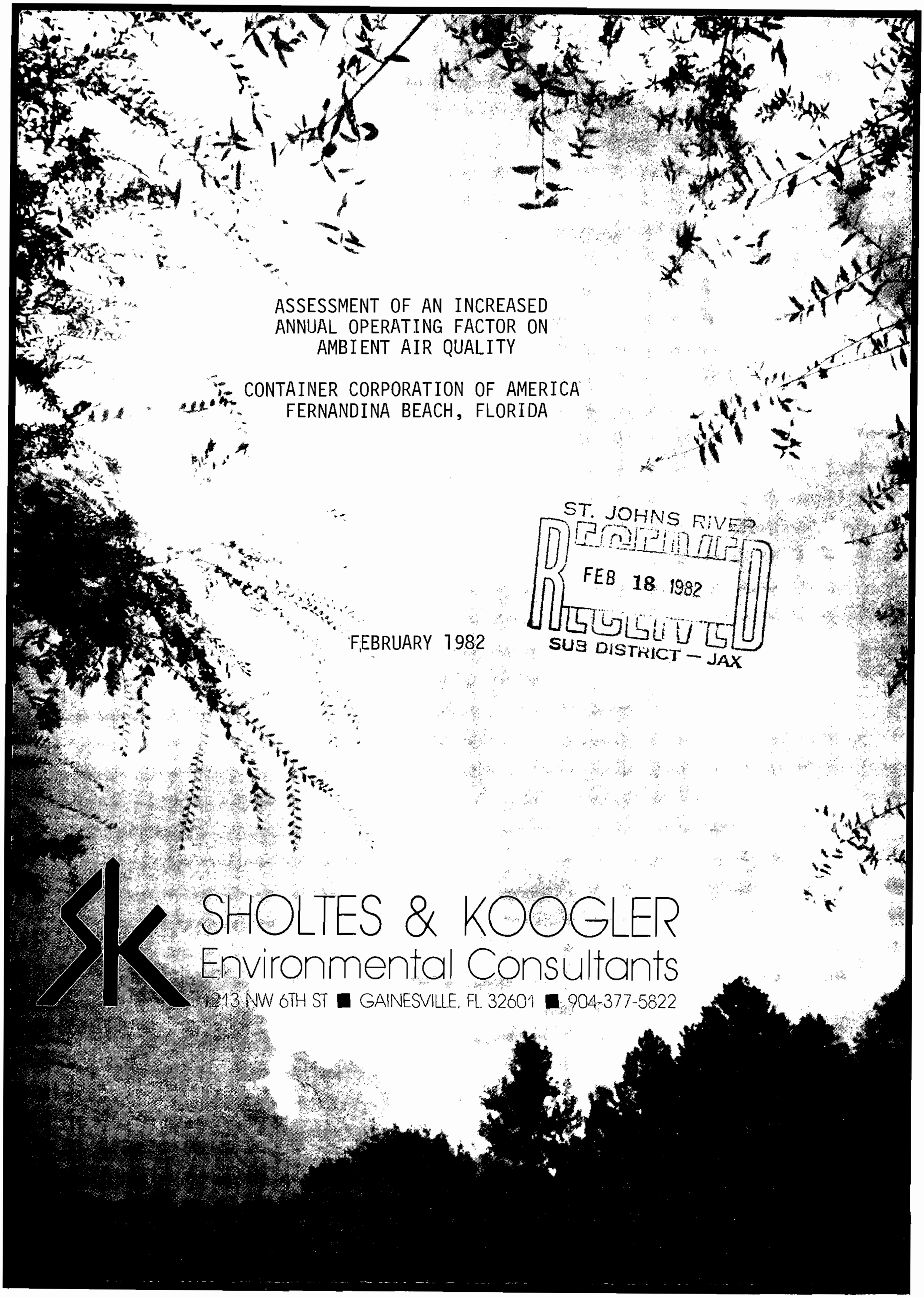
SUBJECT: Nassau County - AP
Container Corporation of America
February 1982 Model for TPY Increase

Per our telecon this AM, please review (Is '74 BL correct?) and return with comments by March 8, 1982. If additional information is needed, let me know.

Unit	Permit Application Received	Particulate Lbs/Hr.	S02
#4 Power Boiler	12/23/70 AOP[1]	145	-
#4 Power Boiler	6/15/74 ACP[2,3,4,5]	53.25	-
#5 Power Boiler	5/24/71 AOP[1]	550	2.5% S
#5 Power Boiler	6/15/74 ACP[3,4,5]	125.5	-

Notes:
1 - Application for operation permit
2 - Application for construction permit
3 - Stated to reduce PM emissions from 437 to 41.7 for #4;
from 772 to 115 for #5
4 - Start construction June 1, 1974
5 - Issued permit July 26, 1974

JLC:vk



ASSESSMENT OF AN INCREASED ANNUAL OPERATING FACTOR ON AMBIENT AIR QUALITY

CONTAINER CORPORATION OF AMERICA
FERNANDINA BEACH, FLORIDA

FEBRUARY 1982

SHOLTES & KOOGLER
Environmental Consultants
1213 NW 6TH ST ■ GAINESVILLE, FL 32601 ■ 904-377-5822

ASSESSMENT OF AN INCREASED ANNUAL OPERATING FACTOR ON AMBIENT AIR QUALITY

CONTAINER CORPORATION OF AMERICA
FERNANDINA BEACH, FLORIDA

FEBRUARY 1982

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GAINESVILLE, FLORIDA 32601
904/377-5822

TABLE OF CONTENTS

1.0 INTRODUCTION AND SUMMARY

Container Corporation of America (CCA) operates a kraft pulp mill and an associated paper mill in Fernandina Beach, Florida. The company recently prepared applications for a Federal Prevention of Significant Air Quality Deterioration (PSD) review and Florida Department of Environmental Regulation (FDER) air pollution source construction permits for a fuel conversion project at this mill. CCA desires to increase the POTENTIAL annual mill operating time, and hence the annual emission rates of particulate matter and sulfur dioxide, over that stated in the PSD application and the FDER construction permit applications. This report reviews the air quality impacts of the increased annual emission rates of sulfur dioxide and particulate matter from the modified mill.

The fuel conversion project undertaken by the CCA will involve the addition of a new coal fired power boiler, placing an existing power boiler on cold stand-by and retiring an existing recovery boiler and smelt tank. Air quality modeling has been conducted to assess the impact of the modified mill on annual average particulate matter and sulfur dioxide levels assuming all sources at the modified mill operate 365 days per year at the maximum 24-hour design rate.

The air quality review was conducted with the CRSTER air quality model utilizing meteorological data from Jacksonville, Florida for the period 1970 through 1974. Annual average impacts were calculated and compared with air quality standards, Class I and Class II PSD increments and with significant impact levels defined for particulate matter non-attainment areas.

The air quality modeling demonstrated that the modified CCA mill can be operated at the maximum 24-hour design rate 365 days per year without contravening ambient air quality standards, without exceeding Class I and Class II PSD increments and without resulting in a significant impact on the Duval County Particulate Matter Non-Attainment Area.

2.0 EMISSION DATA

The facilities at the existing mill which will change as a result of the fuel conversion project proposed by CCA are the power boilers and the recovery boilers. Under baseline conditions CCA operated two recovery boilers and three power boilers for steam production. One of the power boilers was fired totally with residual fuel oil and two were fired with a combination of residual fuel oil and wood waste. The two recovery boilers were fired with black liquor.

The fuel conversion project undertaken by CCA will involve:

- The addition of a new coal fired power boiler,
- placing the existing No. 3 power boiler on cold stand-by, and
- retiring the No. 3 recovery boiler and the associated smelt tank.

In addition to the activities described in the preceeding paragraph, a recovery boiler and the associated smelt tank, designated as the No. 5 recovery boiler and smelt tank, were permitted by CCA between the baseline period and the time of the fuel conversion project. This source is a PSD increment consuming source and a source which contributes to the overall impact on ambient air quality.

The annual average impact on air quality of sulfur dioxide and particulate matter emissions from the CCA mill were evaluated for the baseline period and for the modifed mill by air quality modeling. The average particulate matter and sulfur dioxide emission rates for the baseline period were calculated by CCA based on mill conditions for calendar year 1974. The derivation of these emission rates are detailed in the PSD application entitled The Results of a Study to Determine The Effects of a Proposed Recovery Boiler on Ambient Air Quality, Container Corporation of America, March 15, 1976.

The annual average sulfur dioxide and particulate matter emissions from the modified mill, for purposes of this air quality review, are based on the assumption that all affected sources will operate at the maximum 24-hour design rate for 365 days per year; 100 percent of the time. The derivation of these emission rates are detailed in the PSD application entitled PSD Permit Application For The Proposed Fuel Conversion Project, Container Corporation of America, May 1980. The baseline and modified mill sulfur dioxide and particulate matter emission rates are summarized in Tables 1 and 2, respectively.

3.0 AIR QUALITY REVIEW

The impacts of sulfur dioxide and particulate matter emissions from the CCA Mill under both baseline and modified mill operating conditions were evaluated by air quality modeling. The baseline emission rates are representative of conditions existing during the baseline year of 1974. The modified mill emission rates incorporate the actual source changes that have occurred or that are planned and the assumption that the modified mill sources will operate at the maximum 24-hour design rate 365 days per year. The latter assumption represents an increase in the annual emission rates stated in the fuel conversion PSD application and the construction permit applications.

Since the PSD application describing the proposed fuel conversion project adequately evaluated the short-term impacts of these pollutants, that is the 24-hour and 3-hour impacts, only the annual average impacts are addressed in this report. These impacts are evaluated and compared with ambient air quality standards, with Class I and II PSD increments and with significant particulate matter non-attainment area impact levels.

Air quality modeling was conducted using the CRSTER air quality model. Input data included meteorological data from Jacksonville, Florida representing the period 1970 through 1974 and the emission data summarized in Tables 1 and 2.

The location of the CCA Mill relative to the Class I PSD area and the Duval County Particulate Matter Non-Attainment Area is shown in Figure 1. The mill is located 63.3 kilometers east of the Okefenokee National Wildlife Refuge Class I PSD area. This area is located within the 260° and 300° directional range from the mill. The Duval County Particulate Matter Non-Attainment Area is located southwest of the mill a distance of 36.9 kilometers. The non-attainment area is at a direction of 200° to 210° from the CCA Mill.

The Florida Department of Environmental Regulation is presently considering a redefinition of the northern boundary of the Duval County Particulate Matter Non-Attainment Area. If this were to occur the distance of the northern boundary of the non-attainment area from the CCA Mill would probably increase to either 40.6 kilometers or 41.4 kilometers, depending upon the final designation of the northern boundary of this non-attainment area. For purpose of air quality modeling, the impacts of particulate matter emissions at all three distances were investigated.

Preliminary air quality modeling indicated that the maximum annual average impact of both particulate matter and sulfur dioxide emissions from the CCA Mill, under both baseline and modified conditions, would occur between 2.5 and 3.5 kilometers from the mill. The maximum annual impacts at this distance from the mill were also investigated using the CRSTER air quality model.

4.0 AIR QUALITY IMPACT REVIEW

The annual average impact of sulfur dioxide and particulate matter emissions were compared with air quality standards Class I and Class II PSD increments and with significant impacts levels defined for particulate matter non-attainment areas.

The annual average air quality standard for particulate matter as defined by the Florida Department of Environmental Regulation (FDER) is 60 micrograms per cubic meter. The annual average sulfur dioxide air quality standard is also 60 micrograms per cubic meter. The Class II PSD increments for particulate matter and sulfur dioxide as defined by FDER are 19 micrograms and 20 micrograms per cubic meter, respectively for the annual period. The Class I PSD increments for particulate matter and sulfur dioxide are 5.0 micrograms and 2.0 micrograms per cubic meter, respectively for the annual period and the significant impact level for particulate matter on particulate matter non-attainment areas for the annual period is defined to be 1.0 micrograms per cubic meter.

The annual average particulate matter impacts for the baseline and from the modified mill are summarized in Table 3. These impacts are reported for each of the five years investigated with the CRSTER air quality model for both the point of maximum impact and for the impact on the present particulate matter non-attainment boundary in

Duval County. These results show that the maximum particulate matter impact from the modified mill occurs at a distance of 2.5 kilometers from the mill and will have a magnitude of 1.7 micrograms per cubic meter. This impact is well below the annual average air quality standard for particulate matter, even if the composite 1979 average particulate matter level of 38.9 micrograms per cubic meters from the three FDER monitors in Fernandina Beach is taken into consideration.

The maximum particulate matter impact on the Duval County particulate matter non-attainment area, assuming modifed operating conditions, is 0.1 micrograms per cubic meter. This impact is well below the significant impact level of 1.0 micrograms per cubic meter demonstrating that the mill does not have a significant impact on the non-attainment area. The maximum incremental change in particulate matter levels in the vinicity of the mill resulting from the fuel conversion will be a reduction in the annual average particulate matter concentration of 1.7 micrograms per cubic meter; an improvement in ambient air quality as a result of the fuel conversion. At the northern boundary of the particulate matter non-attainment area in Duval County there will be a decrease in the annual particulate matter level of 0.13 micrograms per cubic meter.

Since the incremental increases in annual average particulate matter levels at the point of maximum impact and at the boundary of the particulate matter non-attainment area, which is approximately 37 kilometers from the mill, were both negative, it was determined that it would not be necessary to model to demonstrate an insignificant incremental increase in the annual particulate matter level at the boundary of the Class I PSD area 63 kilometers from the mill.

The sulfur dioxide impacts for the annual period are summarized in Table 4 for the baseline period and for the period following the fuel conversion. Again, the impacts for all five years investigated are summarized both at the point of maximum impact and at the boundary of Class I PSD area. These results indicate that the maximum impact of sulfur dioxide emissions from the modified mill for the annual period will be 6.3 micrograms per cubic meter. If this impact is combined with the composite 1979 annual average sulfur dioxide concentration of 24.1 micrograms per cubic meter from the three FDER monitors in Fernandina Beach the resulting annual average sulfur dioxide concentration will be 30.4 micrograms per cubic meter; or slightly more than half of the air quality standard. The maximum incremental change in the annual average ambient sulfur dioxide level resulting from the fuel conversion will be 1.4 micrograms per cubic meter. This increase compares with a Class II PSD increment of 20 micrograms per cubic meter.

The air quality review for sulfur dioxide further shows that the maximum impact of sulfur dioxide emissions resulting from modified mill operations on the Class I PSD area will be 0.6 micrograms per cubic meter; an impact which is not significant. The maximum change in the annual average sulfur dioxide level at the boundary of the Class I PSD area will be 0.2 micrograms per cubic meter. This incremental impact compares with a Class I PSD increment for sulfur dioxide for the annual period of 2.0 micrograms per cubic meter.

It can be concluded from this air quality review that particulate matter and sulfur dioxide emissions from the modified CCA Mill, assuming all affected sources at the mill to operate at the maximum 24-hour design rate for 365 days per year, will not contravene ambient air quality standards for particulate matter or sulfur dioxide nor will the emissions result in a significant particulate matter impact on the Duval County non-attainment area or a significant particulate matter or sulfur dioxide impact on the Okefenokee National Wildlife Refuge Class I PSD area.

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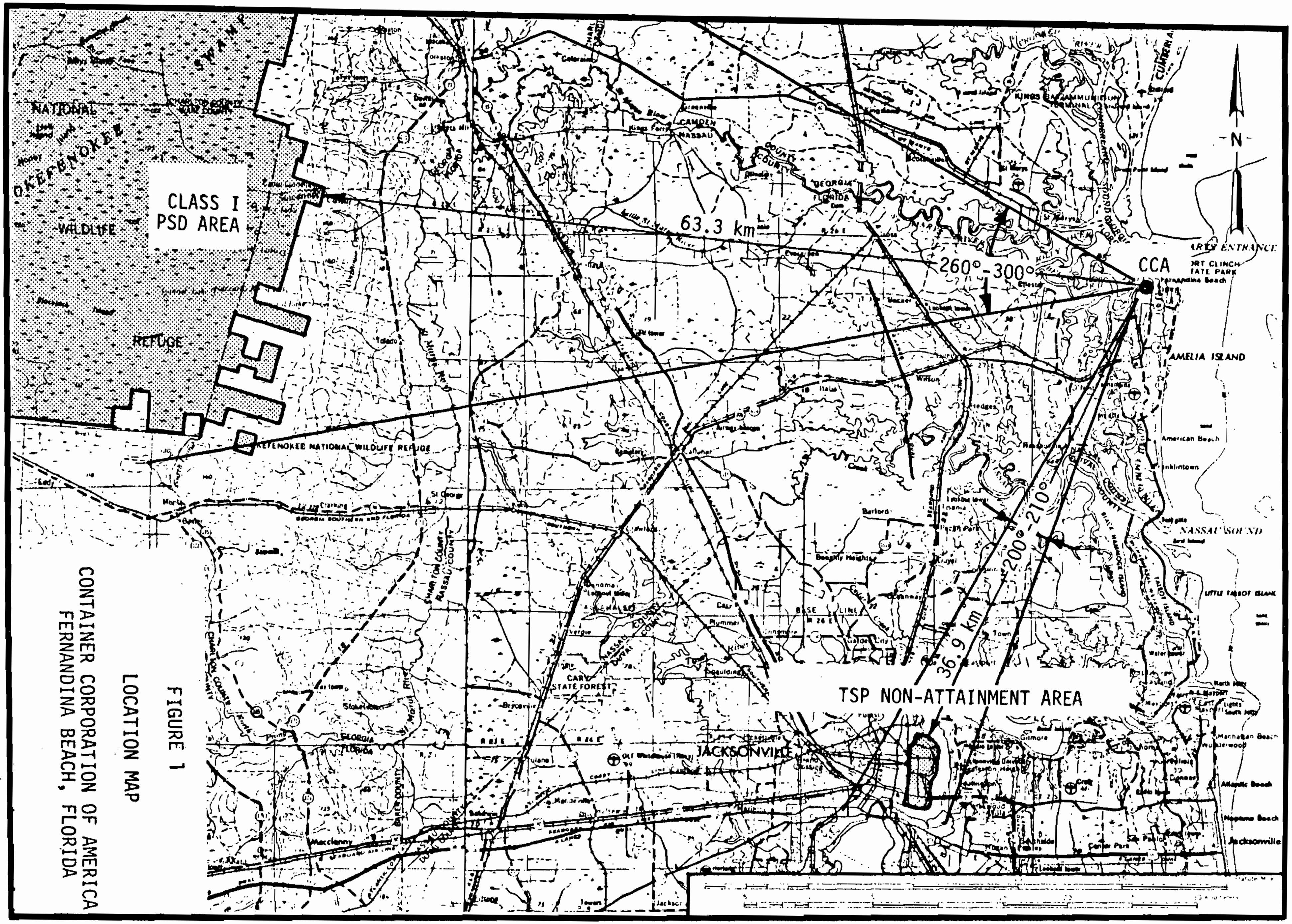

FIGURE 1

LOCATION MAP

CONTAINER CORPORATION OF AMERICA
FERNANDINA BEACH, FLORIDA

SHOLTES & KOOGLER

TABLE 1

BASELINE PARTICULATE MATTER AND SULFUR DIOXIDE EMISSION RATES

CONTAINER CORPORATION OF AMERICA
FERNANDINA BEACH, FLORIDA

Source	Pollutant Emission Rate (grams/sec) Part. Matter ?	SO2 ?	Stack Parameters ✓ Ht (m)	Dia (m)	Vel (m/s)	Temp (°K)
#3 Power Boiler	6.94 ?	100.80	75.6	2.44	19.3	480
#4 Power Boiler	36.90 ?	57.90	75.6	2.44	14.4	485
#5 Power Boiler	– 32.43 ?	169.80	75.6	3.35	16.3	480
#3 Recovery Boiler	21.20 ?	20.07	45.7	2.74	13.3	390
#3 Smelt	1.63 ✓	0	38.7	0.61	5.8	360
#4 Recovery Boiler	52.36 ?	31.20	80.8	3.51	18.8	493
#4 Smelt	3.66 ✓	0	74.4	1.83	5.2	350
#5 Recovery Boiler	0	0	88.1	2.74	18.7	484
#5 Smelt	0	0	88.1	1.22	10.4	346
#2 Lime Kiln	2.20 ✓	0	18.3	1.07	12.3	361
#3 Lime Kiln	2.52 ✓	0	18.3	1.37	17.6	360
#7 Power Boiler	0	0	103.7	4.51	12.9	441
	159.84	379.77				

TABLE 2

MODIFIED MILL PARTICULATE MATTER AND SULFUR DIOXIDE EMISSION RATES

CONTAINER CORPORATION OF AMERICA
FERNANDINA BEACH, FLORIDA

	Pollutant Emission Rate (grams/sec)		Stack Parameters ✓			
Source	Part. Matter	SO_2	Ht (m)	Dia (m)	Vel (m/s)	Temp (°K)
#3 Power Boiler	0	0	75.6	2.44	19.3	480
#4 Power Boiler	9.6 ✓	128.7 ✓	75.6	2.44	14.4	485
#5 Power Boiler	17.3 ✓	273.6 ✓	75.6	3.35	16.3	480
#3 Recovery Boiler	0	0	45.7	2.74	13.3	390
#3 Smelt	0	0	38.7	0.61	5.8	360
#4 Recovery Boiler	17.2 ✓	35.1 ✓	80.8	3.51	18.8	493
#4 Smelt	3.6 ✓	0	74.4	1.83	5.2	350
#5 Recovery Boiler	10.5 ✓	35.3 ✓	88.1	2.74	18.7	484
#5 Smelt	1.7 ✓	0	88.1	1.22	10.4	346
#2 Lime Kiln	2.2 ✓	0	18.3	1.07	12.3	361
#3 Lime Kiln	2.5 ✓	0	18.3	1.37	17.6	360
#7 Power Boiler	12.9 ✓	154.1 ✓	103.7	4.51	12.9	441

TABLE 3

SUMMARY OF ANNUAL AVERAGE PARTICULATE MATTER IMPACTS

CONTAINER CORPORATION OF AMERICA
FERNANDINA BEACH, FLORIDA

I 19
I 5

	Annual Impact (ug/m^3)			
	Baseline		Modified Mill	
Year	Max(1)	NAA(2)	Max	NAA
1970	3.40 - 2.5 km @ 50°	0.12	1.72 - 2.5 km @ 50°	0.05
1971	2.90 - 2.5 km @ 60°	0.16	1.51 - 2.5 km @ 60°	0.08
1972	2.91 - 2.5 km @ 60°	0.23	1.50 - 2.5 km @ 60°	0.10
1973	2.18 - 2.5 km @ 240°	0.21	1.13 - 2.5 km @ 240°	0.10
1974	2.28 - 2.5 km @ 310°	0.18	1.20 - 2.5 km @ 310°	0.08

Maximum increase in impact at CCA (Modified Mill impact minus Baseline mill impact) - (⁻1.68 ug/m^3)(1970).

Maximum increase at Non-Attainment Area Boundary - (⁻0.13 ug/m^3)(1972)

Maximum impact of Modified mill at:
CCA - 1.72 ug/m^3 (1970)
NAA - 0.10 ug/m^3 (1972 and 1973)

(1)Maximum impact at location described
(2)NAA - Duval County Non-Attainment Area Boundary

TABLE 4

SUMMARY OF ANNUAL AVERAGE SULFUR DIOXIDE IMPACT

CONTAINER CORPORATION OF AMERICA
FERNANDINA BEACH, FLORIDA

II 20
I 2

	Annual Impact (ug/m3)			
	Baseline		Modified Mill	
Year	Max(1)	Class I(2)	Max	Class
1970	4.9 - 2.5 km @ 310°	0.35	6.3 - 2.5 km @ 310°	0.52
1971	4.0 - 2.5 km @ 60°	0.26	5.2 - 2.5 km @ 60°	0.38
1972	4.0 - 2.5 km @ 60°	0.30	5.1 - 2.5 km @ 60°	0.44
1973	3.2 - 2.0 km @ 60°	0.40	4.1 - 2.5 km @ 60°	0.58
1974	3.2 - 2.0 km @ 250°	0.39	4.1 - 2.5 km @ 250°	0.56

Maximum increase in impact at CCA (Modified mill impact minus Baseline mill impact) - 1.4 ug/m^3 (1970)

Maximum increase in impact at Class I PSD area boundary - 0.18 ug/m^3 (1973)

Maximum impact of Modified mill at:
CCA - 6.3 ug/m^3 (1970)
Class I - 0.58 ug/m^3 (1973)

(1) Maximum impact at location described.
(2) Boundary of Okefenokee National Wildlife Refuge Class I PSD Area

APPENDIX

COMPUTER PRINTOUTS

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     PP        PP             33  BB        BB  AA        AA  SSS                   77   00    00  00
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PP            3333333333    BBBBBBBBBBB   AA        AA   SSSSSSSSSS     77      00000000

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          JJ      5555555555    999999999999         77     999999999999      AAAAAAAAAAAA
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BASELINE PART.
MATTER
1970

```
PLANT NAME: CONTAINER CORP.          POLLUTANT: PART      EMISSION UNITS: GM/SEC     AIR QUALITY UNITS: GM/M**3
BASELINE - ALTERNATIVE #3

               MET FILE     REQUESTED
              STN NO. YR   STN NO. YR
 SURFACE       13889  70    13889  70
 UPPER AIR     13861  70    13861  70
PLANT LOCATION: RURAL
NO TAPE OUTPUT
MET DATA WILL NOT BE PRINTED

DAY-- 1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
      1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
      1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
      1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
      1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
      1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
      1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
      1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 0

   * * * * * * * * * * * * * * * * * * * *  N O T E  * * * * * * * * * * * * * * * * * * * *

          ALL TABLES, INCLUDING SOURCE CONTRIBUTION, THAT CONTAIN "ANNUAL" IN THE HEADING ARE BASED ONLY ON THOSE DAYS

          MARKED BY "1" IN THE ABOVE TABLE
```

```
   RING DISTANCES(KM)=   2.50    3.50   36.90  40.60  41.40

 STACK #  1--#3 POWER BOILER
 STACK #  2--#4 POWER BOILER
 STACK #  3--#5 POWER BOILER
 STACK #  4--#3 RECOVERY BOILER
 STACK #  5--#3 SMELT
 STACK #  6--#4 RECOVERY BOILER
 STACK #  7--#4 SMELT
 STACK #  8--#2 LIME KILN
 STACK #  9--#3 LIME KILN


  STACK     MONTH      EMISSION RATE         HEIGHT    DIAMETER  EXIT VELOCITY   TEMP      VOLUMETRIC FLOW
                        (GMS/SEC)           (METERS)   (METERS)     (M/SEC)     (DEG.K)      (M**3/SEC)
     1       ALL          6.9400              75.60      2.44        19.30      480.00          90.25
     2       ALL         36.9000              75.60      2.44        14.40      485.00          67.33
     3       ALL         32.4300              75.60      3.35        16.30      480.00         143.67
     4       ALL         21.2000              45.70      2.74        13.30      390.00          78.42
     5       ALL          1.6300              38.70      0.61         5.80      360.00           1.70
     6       ALL         52.3600              80.80      3.51        18.80      493.00         181.91
     7       ALL          3.6600              74.40      1.83         5.20      350.00          13.68
     8       ALL          2.2000              18.30      1.07        12.30      361.00          11.06
     9       ALL          2.5200              18.30      1.37        17.60      360.00          25.94
```

```
     PLANT NAME: CONTAINER CORP.             POLLUTANT: PART       EMISSION UNITS: GM/SEC     AIR QUALITY UNITS: GM/M**3

          MAXIMUM MEAN CONC=  3.4056E-06  DIRECTION=  5  DISTANCE=  2.5 KM

    YEAR= 70


                         ANNUAL MEAN CONCENTRATION AT EACH RECEPTOR
           RANGE     2.5 KM          3.5 KM          36.9 KM          40.6 KM          41.4 KM
    DIR
     1             1.25506E-06     1.09153E-06     1.78703E-07     1.61942E-07     1.58705E-07
     2             1.37554E-06     1.19189E-06     1.89147E-07     1.70898E-07     1.57375E-07
     3             1.64078E-06     1.40833E-06     2.37555E-07     2.15539E-07     2.11276E-07
     4             2.66360E-06     2.29416E-06     3.48177E-07     3.14250E-07     3.07704E-07
     5             3.40562E-06     2.93421E-06     4.58191E-07     4.15074E-07     4.06744E-07
     6             2.66970E-06     2.25100E-06     3.49559E-07     3.17254E-07     3.11010E-07
     7             1.92372E-06     1.59176E-06     2.42099E-07     2.19952E-07     2.15667E-07
     8             1.81171E-06     1.49946E-06     2.27973E-07     2.07349E-07     2.03356E-07
     9             2.22289E-06     1.94494E-06     3.31614E-07     3.01116E-07     2.95214E-07
    10             1.58878E-06     1.38588E-06     2.52675E-07     2.30685E-07     2.26397E-07
    11             1.44917E-06     1.31200E-06     2.41021E-07     2.19169E-07     2.14928E-07
    12             1.24575E-06     1.12850E-06     2.55191E-07     2.34384E-07     2.30315E-07
    13             1.22435E-06     1.10364E-06     2.47524E-07     2.27649E-07     2.23771E-07
    14             1.21529E-06     1.10563E-06     2.55783E-07     2.44645E-07     2.40496E-07
    15             1.00125E-06     8.82721E-07     1.86187E-07     1.70592E-07     1.67550E-07
    16             9.13303E-07     8.11658E-07     1.65663E-07     1.51839E-07     1.49147E-07
    17             8.23503E-07     7.32235E-07     1.47138E-07     1.34852E-07     1.32464E-07
    18             1.18013E-06     1.08164E-06     2.37579E-07     2.16841E-07     2.12806E-07
    19             6.52148E-07     5.46432E-07     8.41337E-08     7.64331E-08     7.49442E-08
    20             6.84451E-07     5.93628E-07     1.06755E-07     9.71145E-08     9.52400E-08
    21             7.32870E-07     6.52158E-07     1.24956E-07     1.14293E-07     1.12220E-07
    22             8.87163E-07     7.96815E-07     1.34381E-07     1.22294E-07     1.19956E-07
    23             9.60214E-07     8.63682E-07     1.28762E-07     1.16407E-07     1.14029E-07
    24             1.07593E-06     9.66952E-07     1.45952E-07     1.32273E-07     1.29637E-07
    25             1.36209E-06     1.22284E-06     2.08696E-07     1.89676E-07     1.85994E-07
    26             1.32657E-06     1.13972E-06     1.64065E-07     1.48363E-07     1.45333E-07
    27             2.13360E-06     1.85533E-06     2.86713E-07     2.59724E-07     2.54505E-07
    28             1.48265E-06     1.20176E-06     1.29421E-07     1.16491E-07     1.14009E-07
    29             1.79798E-06     1.48966E-06     1.93010E-07     1.74500E-07     1.70930E-07
    30             2.63908E-06     2.20888E-06     2.51536E-07     2.35137E-07     2.30068E-07
    31             3.10661E-06     2.57739E-06     2.86965E-07     2.57509E-07     2.51865E-07
    32             2.98218E-06     2.49409E-06     3.11605E-07     2.80864E-07     2.74950E-07
    33             1.77722E-06     1.47708E-06     2.34036E-07     2.12572E-07     2.08411E-07
    34             1.43999E-06     1.22840E-06     2.26255E-07     2.06216E-07     2.02324E-07
    35             1.25079E-06     1.06649E-06     1.89799E-07     1.73433E-07     1.70254E-07
    36             1.63815E-06     1.47718E-06     3.01999E-07     2.74450E-07     2.69107E-07
```

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                             PPPPPPPPPPP    3333333333    BBBBBBBBBB     AAAAAAAAAA     SSSSSSSSS    77777777777         11
                            PPPPPPPPPPPP  333333333333   BBBBBBBBBBBB  AAAAAAAAAAAA   SSSSSSSSSSS   7777777777        111
                            PP       PP  33         33  BB        BB  AA        AA  SS         SS  77      77       1111
                          PP        PP             33  BB        BB  AA        AA  SS                    77          11
                         PP        PP             33  BB       BB   AA        AA  SSS                  77           11
                        PPPPPPPPPPPP         3333    BBBBBBBBBB    AAAAAAAAAAAA   SSSSSSSSS          77            11
                       PPPPPPPPPPP          3333    BBBBBBBBBB    AAAAAAAAAAAA    SSSSSSSSS         77            11
                      PP                      33  BB        BB   AA        AA           SSS        77            11
                     PP                      33  BB        BB   AA        AA            SS        77            11
                    PP            33        33  BB         BB  AA        AA  SS        SS        77            11
                   PP            333333333333  BBBBBBBBBBBB   AA        AA  SSSSSSSSSSS         77        1111111111
                  PP             3333333333   BBBBBBBBBB     AA        AA   SSSSSSSSS         77         1111111111

                    JJJJJJJJJJ  555555555555   9999999999     8888888888        11                       AAAAAAAAAA
                    JJJJJJJJJJ  555555555555  999999999999   888888888888      111                      AAAAAAAAAAAA
                        JJ      55            99        99   88        88     1111                      AA        AA
                        JJ      55            99        99   88        88       11                      AA        AA
                        JJ      55            99        99    88      88        11                      AA        AA
                        JJ      555555555     999999999999     8888888          11                      AAAAAAAAAAAA
                        JJ      5555555555    999999999999     88888888         11                      AAAAAAAAAAAA
                        JJ               55             99   88        88       11                      AA        AA
                  JJ    JJ                55            99   88        88       11                      AA        AA
                  JJ    JJ                55  99        99   88        88       11                      AA        AA
                  JJJJJJJJ      555555555555  999999999999   888888888888   1111111111                  AA        AA
                   JJJJJJ       55555555555    9999999999     8888888888    1111111111                  AA        AA

*A START JOB 5981 P3BAS71  0001 0001 NER      CONTAINER CORP        80001046,002   6.59.09 PM 11 FEB 82 PRINTER1 SYS NER1 START   A*
*A START JOB 5981 P3BAS71  0001 0001 NER      CONTAINER CORP        80001046,002   6.59.09 PM 11 FEB 82 PRINTER1 SYS NER1 START   A*
*A START JOB 5981 P3BAS71  0001 0001 NER      CONTAINER CORP        80001046,002   6.59.09 PM 11 FEB 82 PRINTER1 SYS NER1 START   A*
*A START JOB 5981 P3BAS71  0001 0001 NER      CONTAINER CORP        80001046,002   6.59.09 PM 11 FEB 82 PRINTER1 SYS NER1 START   A*
*A START JOB 5981 P3BAS71  0001 0001 NER      CONTAINER CORP        80001046,002   6.59.09 PM 11 FEB 82 PRINTER1 SYS NER1 START   A*
*A START JOB 5981 P3BAS71  0001 0001 NER      CONTAINER CORP        80001046,002   6.59.09 PM 11 FEB 82 PRINTER1 SYS NER1 START   A*
*A START JOB 5981 P3BAS71  0001 0001 NER      CONTAINER CORP        80001046,002   6.59.09 PM 11 FEB 82 PRINTER1 SYS NER1 START   A*
*A START JOB 5981 P3BAS71  0001 0001 NER      CONTAINER CORP        80001046,002   6.59.09 PM 11 FEB 82 PRINTER1 SYS NER1 START   A*
*A START JOB 5981 P3BAS71  0001 0001 NER      CONTAINER CORP        80001046,002   6.59.09 PM 11 FEB 82 PRINTER1 SYS NER1 START   A*
*A START JOB 5981 P3BAS71  0001 0001 NER      CONTAINER CORP        80001046,002   6.59.09 PM 11 FEB 82 PRINTER1 SYS NER1 START   A*
*A START JOB 5981 P3BAS71  0001 0001 NER      CONTAINER CORP        80001046,002   6.59.09 PM 11 FEB 82 PRINTER1 SYS NER1 START   A*
*A START JOB 5981 P3BAS71  0001 0001 NER      CONTAINER CORP        80001046,002   6.59.09 PM 11 FEB 82 PRINTER1 SYS NER1 START   A*
*A START JOB 5981 P3BAS71  0001 0001 NER      CONTAINER CORP        80001046,002   6.59.09 PM 11 FEB 82 PRINTER1 SYS NER1 START   A*
*A START JOB 5981 P3BAS71  0001 0001 NER      CONTAINER CORP        80001046,002   6.59.09 PM 11 FEB 82 PRINTER1 SYS NER1 START   A*
*A START JOB 5981 P3BAS71  0001 0001 NER      CONTAINER CORP        80001046,002   6.59.09 PM 11 FEB 82 PRINTER1 SYS NER1 START   A*
*A START JOB 5981 P3BAS71  0001 0001 NER      CONTAINER CORP        80001046,002   6.59.09 PM 11 FEB 82 PRINTER1 SYS NER1 START   A*
*A START JOB 5981 P3BAS71  0001 0001 NER      CONTAINER CORP        80001046,002   6.59.09 PM 11 FEB 82 PRINTER1 SYS NER1 START   A*
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BASELINE PART
MATTER

1971

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PLANT NAME: CONTAINER CORP.          POLLUTANT: PART      EMISSION UNITS: GM/SEC    AIR QUALITY UNITS: GM/M**3
BASELINE - ALTERNATIVE #3

             MET FILE      REQUESTED
            STN NO. YR    STN NO. YR
 SURFACE     13889  71     13889  71
 UPPER AIR   13861  71     13861  71
PLANT LOCATION: RURAL
NO TAPE OUTPUT
MET DATA WILL NOT BE PRINTED

DAY--  1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
       1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
       1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
       1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
       1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
       1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
       1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
       1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 0

 * * * * * * * * * * * * * * * * * * * *  N O T E  * * * * * * * * * * * * * * * * * * * *

      ALL TABLES, INCLUDING SOURCE CONTRIBUTION, THAT CONTAIN "ANNUAL" IN THE HEADING ARE BASED ONLY ON THOSE DAYS

      MARKED BY "1" IN THE ABOVE TABLE
```

```
  RING DISTANCES(KM)=    2.50    3.50   36.90   40.60   41.40

 STACK #  1--#3 POWER BOILER
 STACK #  2--#4 POWER BOILER
 STACK #  3--#5 POWER BOILER
 STACK #  4--#3 RECOVERY BOILER
 STACK #  5--#3 SMELT
 STACK #  6--#4 RECOVERY BOILER
 STACK #  7--#4 SMELT
 STACK #  8--#2 LIME KILN
 STACK #  9--#3 LIME KILN


  STACK     MONTH       EMISSION RATE         HEIGHT    DIAMETER  EXIT VELOCITY    TEMP       VOLUMETRIC FLOW
                          (GMS/SEC)          (METERS)   (METERS)     (M/SEC)      (DEG.K)        (M**3/SEC)

    1        ALL            6.9400            75.60       2.44        19.30       480.00            90.25

    2        ALL           36.9000            75.60       2.44        14.40       485.00            67.33

    3        ALL           32.4300            75.60       3.35        16.30       480.00           143.67

    4        ALL           21.2000            45.70       2.74        13.30       390.00            78.42

    5        ALL            1.6300            38.70       0.61         5.80       360.00             1.70

    6        ALL           52.3600            80.80       3.51        18.80       493.00           181.91

    7        ALL            3.6600            74.40       1.83         5.20       350.00            13.68

    8        ALL            2.2000            18.30       1.07        12.30       361.00            11.06

    9        ALL            2.5200            18.30       1.37        17.60       360.00            25.94
```

```
PLANT NAME: CONTAINER CORP.          POLLUTANT: PART      EMISSION UNITS: GM/SEC     AIR QUALITY UNITS: GM/M**3
       MAXIMUM MEAN CONC=  2.8994E-06  DIRECTION=  6  DISTANCE=  2.5 KM
YEAR= 71


                  ANNUAL MEAN CONCENTRATION AT EACH RECEPTOR
      RANGE    2.5 KM         3.5 KM         36.9 KM        40.6 KM        41.4 KM
DIR
  1          1.20134E-06    1.03423E-06    1.75573E-07    1.60232E-07    1.57251E-07
  2          1.31671E-06    1.15559E-06    2.50795E-07    2.30955E-07    2.27065E-07
  3          1.24837E-06    1.07192E-06    1.93658E-07    1.77367E-07    1.74190E-07
  4          1.68084E-06    1.46273E-06    2.78200E-07    2.53411E-07    2.48578E-07
  5          2.22507E-06    1.91457E-06    3.57853E-07    3.28004E-07    3.22170E-07
  6          2.89938E-06    2.48253E-06    4.49892E-07    4.12121E-07    4.04772E-07
  7          2.35772E-06    1.96382E-06    3.25778E-07    2.98270E-07    2.92916E-07
  8          2.22815E-06    1.83835E-06    2.97530E-07    2.70968E-07    2.65800E-07
  9          2.27853E-06    1.88651E-06    3.14010E-07    2.88560E-07    2.83581E-07
 10          2.05402E-06    1.69279E-06    2.48645E-07    2.26944E-07    2.22722E-07
 11          1.71659E-06    1.42558E-06    2.43468E-07    2.24091E-07    2.20308E-07
 12          1.92799E-06    1.62947E-06    2.99608E-07    2.75031E-07    2.70221E-07
 13          1.79506E-06    1.48151E-06    2.13770E-07    1.95222E-07    1.91626E-07
 14          1.59243E-06    1.32250E-06    2.07646E-07    1.89169E-07    1.85571E-07
 15          1.00027E-06    8.10246E-07    1.26860E-07    1.15404E-07    1.13182E-07
 16          1.07037E-06    9.19376E-07    1.75963E-07    1.60266E-07    1.57214E-07
 17          1.13641E-06    9.68815E-07    1.96244E-07    1.80670E-07    1.77620E-07
 18          1.45732E-06    1.29715E-06    3.05614E-07    2.81089E-07    2.76274E-07
 19          1.11595E-06    9.86913E-07    1.32148E-07    1.65625E-07    1.62410E-07
 20          1.18079E-06    1.04791E-06    1.66688E-07    1.50621E-07    1.47513E-07
 21          1.31961E-06    1.14575E-06    1.54928E-07    1.39697E-07    1.36761E-07
 22          1.65592E-06    1.47650E-06    2.19069E-07    1.98143E-07    1.94098E-07
 23          1.34396E-06    1.18024E-06    1.86463E-07    1.68710E-07    1.65276E-07
 24          1.75120E-06    1.56668E-06    3.41026E-07    3.13519E-07    3.08128E-07
 25          1.52574E-06    1.30008E-06    2.13753E-07    1.94668E-07    1.90967E-07
 26          1.68912E-06    1.41640E-06    2.07946E-07    1.89004E-07    1.85331E-07
 27          1.35105E-06    1.09501E-06    1.64554E-07    1.50432E-07    1.47688E-07
 28          1.35666E-06    1.09086E-06    1.30937E-07    1.18707E-07    1.16347E-07
 29          1.16460E-06    9.11453E-07    8.73117E-08    7.87776E-08    7.71394E-08
 30          1.70366E-06    1.42731E-06    1.97915E-07    1.78701E-07    1.74991E-07
 31          1.97378E-06    1.69483E-06    3.05109E-07    2.78845E-07    2.73724E-07
 32          1.54339E-06    1.31009E-06    2.31221E-07    2.11284E-07    2.07403E-07
 33          1.07905E-06    9.21100E-07    1.97073E-07    1.81944E-07    1.78968E-07
 34          1.13823E-06    9.88641E-07    2.03709E-07    1.87281E-07    1.84070E-07
 35          9.62476E-07    8.07642E-07    1.28627E-07    1.17347E-07    1.15158E-07
 36          1.51652E-06    1.35700E-06    2.87033E-07    2.63536E-07    2.58948E-07
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[redacted]

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                             PPPPPPPPPPP    3333333333   BBBBBBBBBBB    AAAAAAAAAA    SSSSSSSSSS    77777777777    222222222
                            PPPPPPPPPPPP  333333333333  BBBBBBBBBBBB  AAAAAAAAAAAA   SSSSSSSSSSSS  7777777777    22222222222
                           PP        PP  33        33  BB        BB  AA        AA   SS        SS  77      77    22        22
                          PP        PP            33  BB        BB  AA        AA   SS                   77               22
                         PP        PP            33  BB       BB   AA        AA   SSS                 77                22
                        PPPPPPPPPPPP         3333   BBBBBBBBBB    AAAAAAAAAAAA    SSSSSSSS          77                22
                       PPPPPPPPPPP          3333   BBBBBBBBBB    AAAAAAAAAAAA     SSSSSSSS         77              22
                      PP                     33  BB        BB   AA        AA            SSS        77            22
                     PP                     33  BB        BB   AA        AA            SS        77          22
                    PP            33        33  BB        BB  AA        AA  SS        SS        77        22
                   PP            333333333333  BBBBBBBBBBBB  AA        AA  SSSSSSSSSSS         77       222222222222
                  PP             3333333333   BBBBBBBBBBB   AA        AA   SSSSSSSSS          77       222222222222

                    JJJJJJJJJJ  555555555555   9999999999    8888888888   555555555555                  AAAAAAAAAA
                    JJJJJJJJJJ  555555555555  999999999999  888888888888  555555555555                 AAAAAAAAAAAA
                        JJ      55            99        99  88        88  55                           AA        AA
                        JJ      55            99        99  88        88  55                           AA        AA
                        JJ      55            99        99   88      88   55                           AA        AA
                        JJ      555555555     999999999999    88888888    555555555                    AAAAAAAAAAAA
                        JJ      5555555555    999999999999    88888888    5555555555                   AAAAAAAAAAAA
                        JJ               55             99   88      88            55                  AA        AA
                  JJ    JJ                55            99  88        88            55                 AA        AA
                  JJ    JJ                55  99        99  88        88            55                 AA        AA
                  JJJJJJJJ      555555555555  999999999999  888888888888  555555555555                 AA        AA
                   JJJJJJ       55555555555    9999999999    8888888888   55555555555                  AA        AA

*A START JOB 5985 P3BAS72  0001 0001 NER     CONTAINER CORP       80001046.002   7.01.41 PM 11 FEB 82 PRINTER1 SYS NER1 START   A*
*A START JOB 5985 P3BAS72  0001 0001 NER     CONTAINER CORP       80001046.002   7.01.41 PM 11 FEB 82 PRINTER1 SYS NER1 START   A*
*A START JOB 5985 P3BAS72  0001 0001 NER     CONTAINER CORP       80001046.002   7.01.41 PM 11 FEB 82 PRINTER1 SYS NER1 START   A*
*A START JOB 5985 P3BAS72  0001 0001 NER     CONTAINER CORP       80001046.002   7.01.41 PM 11 FEB 82 PRINTER1 SYS NER1 START   A*
*A START JOB 5985 P3BAS72  0001 0001 NER     CONTAINER CORP       80001046.002   7.01.41 PM 11 FEB 82 PRINTER1 SYS NER1 START   A*
*A START JOB 5985 P3BAS72  0001 0001 NER     CONTAINER CORP       80001046.002   7.01.41 PM 11 FEB 82 PRINTER1 SYS NER1 START   A*
*A START JOB 5985 P3BAS72  0001 0001 NER     CONTAINER CORP       80001046.002   7.01.41 PM 11 FEB 82 PRINTER1 SYS NER1 START   A*
*A START JOB 5985 P3BAS72  0001 0001 NER     CONTAINER CORP       80001046.002   7.01.41 PM 11 FEB 82 PRINTER1 SYS NER1 START   A*
*A START JOB 5985 P3BAS72  0001 0001 NER     CONTAINER CORP       80001046.002   7.01.41 PM 11 FEB 82 PRINTER1 SYS NER1 START   A*
*A START JOB 5985 P3BAS72  0001 0001 NER     CONTAINER CORP       80001046.002   7.01.41 PM 11 FEB 82 PRINTER1 SYS NER1 START   A*
*A START JOB 5985 P3BAS72  0001 0001 NER     CONTAINER CORP       80001046.002   7.01.41 PM 11 FEB 82 PRINTER1 SYS NER1 START   A*
*A START JOB 5985 P3BAS72  0001 0001 NER     CONTAINER CORP       80001046.002   7.01.41 PM 11 FEB 82 PRINTER1 SYS NER1 START   A*
*A START JOB 5985 P3BAS72  0001 0001 NER     CONTAINER CORP       80001046.002   7.01.41 PM 11 FEB 82 PRINTER1 SYS NER1 START   A*
*A START JOB 5985 P3BAS72  0001 0001 NER     CONTAINER CORP       80001046.002   7.01.41 PM 11 FEB 82 PRINTER1 SYS NER1 START   A*
*A START JOB 5985 P3BAS72  0001 0001 NER     CONTAINER CORP       80001046.002   7.01.41 PM 11 FEB 82 PRINTER1 SYS NER1 START   A*
*A START JOB 5985 P3BAS72  0001 0001 NER     CONTAINER CORP       80001046.002   7.01.41 PM 11 FEB 82 PRINTER1 SYS NER1 START   A*
*A START JOB 5985 P3BAS72  0001 0001 NER     CONTAINER CORP       80001046.002   7.01.41 PM 11 FEB 82 PRINTER1 SYS NER1 START   A*
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BASELINE PART
MATTER
1972

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PLANT NAME: CONTAINER CORP.            POLLUTANT: PART      EMISSION UNITS: GM/SEC    AIR QUALITY UNITS: GM/M**3
BASELINE - ALTERNATIVE #3

                MET FILE      REQUESTED
               STN NO. YR    STN NO. YR
 SURFACE        13389  72     13389  72
 UPPER AIR      13861  72     13861  72
PLANT LOCATION: RURAL
NO TAPE OUTPUT
MET DATA WILL NOT BE PRINTED

DAY--  1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
       1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
       1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
       1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
       1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
       1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
       1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
       1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1

 * * * * * * * * * * * * * * * * * * * * N O T E * * * * * * * * * * * * * * * * * * * * *

          ALL TABLES, INCLUDING SOURCE CONTRIBUTION, THAT CONTAIN "ANNUAL" IN THE HEADING ARE BASED ONLY ON THOSE DAYS

          MARKED BY "1" IN THE ABOVE TABLE
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```
       RING DISTANCES(KM)=    2.50    3.50   36.90   40.60   41.40

     STACK #   1--#3 POWER BOILER
     STACK #   2--#4 POWER BOILER
     STACK #   3--#5 POWER BOILER
     STACK #   4--#3 RECOVERY BOILER
     STACK #   5--#3 SMELT
     STACK #   6--#4 RECOVERY BOILER
     STACK #   7--#4 SMELT
     STACK #   8--#2 LIME KILN
     STACK #   9--#3 LIME KILN

     STACK    MONTH      EMISSION RATE          HEIGHT    DIAMETER  EXIT VELOCITY   TEMP      VOLUMETRIC FLOW
                          (GMS/SEC)            (METERS)   (METERS)     (M/SEC)     (DEG.K)      (M**3/SEC)

       1       ALL          6.9400              75.60       2.44        19.30       480.00         90.25

       2       ALL         36.9000              75.60       2.44        14.40       485.00         67.33

       3       ALL         32.4300              75.60       3.35        16.30       480.00        143.67

       4       ALL         21.2000              45.70       2.74        13.30       390.00         78.42

       5       ALL          1.6300              38.70       0.61         5.80       360.00          1.70

       6       ALL         52.3600              80.80       3.51        18.80       493.00        181.91

       7       ALL          3.6600              74.40       1.83         5.20       350.00         13.68

       8       ALL          2.2000              18.30       1.07        12.30       361.00         11.06

       9       ALL          2.5200              18.30       1.37        17.60       360.00         25.94
```

```
PLANT NAME: CONTAINER CORP.          POLLUTANT: PART      EMISSION UNITS: GM/SEC    AIR QUALITY UNITS: GM/M**3

      MAXIMUM MEAN CONC=  2.91111E-06  DIRECTION=  6  DISTANCE=  2.5 KM

YEAR= 72


                      ANNUAL MEAN CONCENTRATION AT EACH RECEPTOR
          RANGE     2.5 KM          3.5 KM          36.9 KM          40.6 KM          41.4 KM
DIR
  1            9.97399E-07     8.59594E-07     1.70389E-07     1.55582E-07     1.52701E-07
  2            1.23303E-06     1.09140E-06     2.35377E-07     2.15279E-07     2.11361E-07
  3            1.31441E-06     1.11992E-06     1.89297E-07     1.72509E-07     1.69246E-07
  4            1.39996E-06     1.66812E-06     3.36818E-07     3.07558E-07     3.01844E-07
  5            2.10650E-06     1.79834E-06     3.13975E-07     2.86760E-07     2.81463E-07
  6            2.91107E-06     2.51931E-06     4.61844E-07     4.21791E-07     4.13997E-07
  7            1.77989E-06     1.46044E-06     2.08197E-07     1.89403E-07     1.85760E-07
  8            1.65357E-06     1.36145E-06     2.09841E-07     1.91265E-07     1.87651E-07
  9            1.72343E-06     1.42011E-06     2.29394E-07     2.10223E-07     2.06463E-07
 10            1.58399E-06     1.32181E-06     2.14252E-07     1.96820E-07     1.93418E-07
 11            1.49449E-06     1.25454E-06     2.15018E-07     1.96904E-07     1.93377E-07
 12            1.70196E-06     1.46376E-06     2.86859E-07     2.63920E-07     2.59427E-07
 13            1.68032E-06     1.41215E-06     2.30349E-07     2.09801E-07     2.05799E-07
 14            1.62635E-06     1.40463E-06     2.68263E-07     2.46090E-07     2.41757E-07
 15            1.14777E-06     9.76111E-07     1.94260E-07     1.79815E-07     1.76973E-07
 16            1.33469E-06     1.16519E-06     2.59940E-07     2.38659E-07     2.34485E-07
 17            1.27838E-06     1.08445E-06     2.01140E-07     1.83429E-07     1.79985E-07
 18            1.51884E-06     1.36223E-06     3.28510E-07     3.00593E-07     2.95134E-07
 19            1.21691E-06     1.08408E-06     2.39343E-07     2.19949E-07     2.16155E-07
 20            1.35791E-06     1.22686E-06     2.28535E-07     2.07523E-07     2.03451E-07
 21            1.29347E-06     1.14311E-06     1.72412E-07     1.55576E-07     1.52331E-07
 22            1.98884E-06     1.78645E-06     2.67129E-07     2.41379E-07     2.36417E-07
 23            2.05140E-06     1.80815E-06     2.40797E-07     2.16899E-07     2.12299E-07
 24            2.49004E-06     2.21892E-06     3.78926E-07     3.45245E-07     3.38716E-07
 25            1.98111E-06     1.67358E-06     2.34799E-07     2.12644E-07     2.08352E-07
 26            1.91115E-06     1.63467E-06     2.04840E-07     1.84012E-07     1.80008E-07
 27            1.66615E-06     1.40926E-06     1.97644E-07     1.78994E-07     1.75393E-07
 28            1.35552E-06     1.14418E-06     1.40216E-07     1.26261E-07     1.23566E-07
 29            1.24780E-06     1.06848E-06     1.57537E-07     1.42854E-07     1.40018E-07
 30            1.63946E-06     1.40858E-06     2.34360E-07     2.13369E-07     2.09293E-07
 31            1.55818E-06     1.37203E-06     2.69616E-07     2.45600E-07     2.40916E-07
 32            1.27568E-06     1.13194E-06     2.30206E-07     2.10238E-07     2.06348E-07
 33            7.97530E-07     6.76795E-07     1.35979E-07     1.24672E-07     1.22461E-07
 34            9.95827E-07     8.62526E-07     1.77274E-07     1.62915E-07     1.60102E-07
 35            9.10453E-07     7.57605E-07     1.34973E-07     1.23784E-07     1.21601E-07
 36            1.40197E-06     1.24898E-06     3.12960E-07     2.87339E-07     2.82308E-07
```

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           PPPPPPPPPPP    3333333333    BBBBBBBBBBB    AAAAAAAAAA    SSSSSSSSSS    777777777777   3333333333
          PPPPPPPPPPPP  333333333333  BBBBBBBBBBBB  AAAAAAAAAAAA  SSSSSSSSSSSS  77777777777  333333333333
         PP        PP  33        33  BB        BB  AA        AA  SS        SS  77        77  33        33
        PP        PP           33  BB        BB  AA        AA  SS                   77           33
       PP        PP           33  BB        BB  AA        AA  SSS                 77           33
      PPPPPPPPPPPP      3333    BBBBBBBBBB   AAAAAAAAAAAA   SSSSSSSSS          77        3333
     PPPPPPPPPPP       3333    BBBBBBBBBB   AAAAAAAAAAAA    SSSSSSSSS        77         3333
    PP                   33  BB        BB  AA        AA          SSS       77             33
   PP                   33  BB        BB  AA        AA           SS      77              33
  PP          33        33  BB        BB  AA        AA  SS        SS     77        33        33
 PP          333333333333  BBBBBBBBBBBB  AA        AA  SSSSSSSSSSSS     77        333333333333
PP           3333333333   BBBBBBBBBBB   AA        AA   SSSSSSSSSS     77          3333333333

   JJJJJJJJJ  555555555555  9999999999   8888888888   777777777777              AAAAAAAAAA
   JJJJJJJJJ  555555555555 999999999999 888888888888  77777777777              AAAAAAAAAAAA
         JJ   55           99        99 88        88  77      77               AA        AA
         JJ   55           99        99 88        88        77                 AA        AA
         JJ   55           99        99  88      88        77                  AA        AA
         JJ   555555555    999999999999   88888888        77                   AAAAAAAAAAAA
         JJ   5555555555   999999999999   88888888        77                   AAAAAAAAAAAA
         JJ             55           99  88      88       77                   AA        AA
JJ       JJ             55           99 88        88      77                   AA        AA
JJ       JJ             55 99        99 88        88      77                   AA        AA
JJJJJJJJJ   555555555555 999999999999 888888888888      77                   AA        AA
 JJJJJJJ    55555555555   9999999999   8888888888       77                   AA        AA

*A START JOB 5987 P3BAS73  0001 0001 NER    CONTAINER CORP    80001046.002   7.04.23 PM 11 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 5987 P3BAS73  0001 0001 NER    CONTAINER CORP    80001046.002   7.04.23 PM 11 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 5987 P3BAS73  0001 0001 NER    CONTAINER CORP    80001046.002   7.04.23 PM 11 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 5987 P3BAS73  0001 0001 NER    CONTAINER CORP    80001046.002   7.04.23 PM 11 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 5987 P3BAS73  0001 0001 NER    CONTAINER CORP    80001046.002   7.04.23 PM 11 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 5987 P3BAS73  0001 0001 NER    CONTAINER CORP    80001046.002   7.04.23 PM 11 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 5987 P3BAS73  0001 0001 NER    CONTAINER CORP    80001046.002   7.04.23 PM 11 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 5987 P3BAS73  0001 0001 NER    CONTAINER CORP    80001046.002   7.04.23 PM 11 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 5987 P3BAS73  0001 0001 NER    CONTAINER CORP    80001046.002   7.04.23 PM 11 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 5987 P3BAS73  0001 0001 NER    CONTAINER CORP    80001046.002   7.04.23 PM 11 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 5987 P3BAS73  0001 0001 NER    CONTAINER CORP    80001046.002   7.04.23 PM 11 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 5987 P3BAS73  0001 0001 NER    CONTAINER CORP    80001046.002   7.04.23 PM 11 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 5987 P3BAS73  0001 0001 NER    CONTAINER CORP    80001046.002   7.04.23 PM 11 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 5987 P3BAS73  0001 0001 NER    CONTAINER CORP    80001046.002   7.04.23 PM 11 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 5987 P3BAS73  0001 0001 NER    CONTAINER CORP    80001046.002   7.04.23 PM 11 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 5987 P3BAS73  0001 0001 NER    CONTAINER CORP    80001046.002   7.04.23 PM 11 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 5987 P3BAS73  0001 0001 NER    CONTAINER CORP    80001046.002   7.04.23 PM 11 FEB 82 PRINTER1 SYS NER1 START  A*
```

BASELINE PART
MATTER
1973

```
PLANT NAME: CONTAINER CORP.             POLLUTANT: PART      EMISSION UNITS: GM/SEC    AIR QUALITY UNITS: GM/M**3
BASELINE - ALTERNATIVE #3

              MET FILE     REQUESTED
            STN NO. YR   STN NO. YR
 SURFACE     13889  73    13889  73
 UPPER AIR   13861  73    13861  73
PLANT LOCATION: RURAL
NO TAPE OUTPUT
MET DATA WILL NOT BE PRINTED

DAY--  1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
       1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
       1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
       1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
       1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
       1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
       1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
       1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 0

 * * * * * * * * * * * * * * * * * * * * N O T E * * * * * * * * * * * * * * * * * * * *
       ALL TABLES, INCLUDING SOURCE CONTRIBUTION, THAT CONTAIN "ANNUAL" IN THE HEADING ARE BASED ONLY ON THOSE DAYS
       MARKED BY "1" IN THE ABOVE TABLE
```

```
      RING DISTANCES(KM)=    2.50    3.50   36.90   40.60   41.40

     STACK #  1--#3 POWER BOILER
     STACK #  2--#4 POWER BOILER
     STACK #  3--#5 POWER BOILER
     STACK #  4--#3 RECOVERY BOILER
     STACK #  5--#3 SMELT
     STACK #  6--#4 RECOVERY BOILER
     STACK #  7--#4 SMELT
     STACK #  8--#2 LIME KILN
     STACK #  9--#3 LIME KILN


      STACK     MONTH       EMISSION RATE          HEIGHT     DIAMETER   EXIT VELOCITY    TEMP       VOLUMETRIC FLOW
                             (GMS/SEC)            (METERS)    (METERS)     (M/SEC)      (DEG.K)        (M**3/SEC)

        1        ALL           6.9400              75.60        2.44        19.30        480.00          90.25
        2        ALL          36.9000              75.60        2.44        14.40        485.00          67.33
        3        ALL          32.4300              75.60        3.35        16.30        480.00         143.67
        4        ALL          21.2000              45.70        2.74        13.30        390.00          78.42
        5        ALL           1.6300              38.70        0.61         5.80        360.00           1.70
        6        ALL          52.3600              80.80        3.51        18.80        493.00         181.91
        7        ALL           3.6600              74.40        1.83         5.20        350.00          13.68
        8        ALL           2.2000              18.30        1.07        12.30        361.00          11.06
        9        ALL           2.5200              18.30        1.37        17.60        360.00          25.94
```

```
      PLANT NAME: CONTAINER CORP.           POLLUTANT: PART       EMISSION UNITS: GM/SEC     AIR QUALITY UNITS: GM/M**3
            MAXIMUM MEAN CONC=  2.1815E-06   DIRECTION= 24   DISTANCE=  2.5 KM
    YEAR= 73

                                ANNUAL MEAN CONCENTRATION AT EACH RECEPTOR
           RANGE     2.5 KM          3.5 KM          36.9 KM         40.6 KM          41.4 KM
    DIR
     1            1.53549E-06     1.31349E-06     2.42008E-07     2.20684E-07     2.16530E-07
     2            1.51693E-06     1.29540E-06     2.29482E-07     2.09068E-07     2.05102E-07
     3            1.71878E-06     1.49239E-06     2.84045E-07     2.59524E-07     2.54731E-07
     4            1.83923E-06     1.58595E-06     3.03826E-07     2.78749E-07     2.73854E-07
     5            1.81110E-06     1.52342E-06     2.57867E-07     2.44662E-07     2.40147E-07
     6            2.07979E-06     1.73176E-06     2.74100E-07     2.49805E-07     2.45088E-07
     7            1.71504E-06     1.43086E-06     2.52597E-07     2.41371E-07     2.37201E-07
     8            1.35631E-06     1.12662E-06     1.92368E-07     1.76660E-07     1.73595E-07
     9            1.25020E-06     1.06743E-06     2.08730E-07     1.92261E-07     1.89046E-07
    10            1.31923E-06     1.12375E-06     2.26352E-07     2.08993E-07     2.05592E-07
    11            1.56946E-06     1.33432E-06     2.14602E-07     1.95849E-07     1.92199E-07
    12            1.60980E-06     1.37990E-06     2.35741E-07     2.16441E-07     2.12682E-07
    13            1.70103E-06     1.45843E-06     2.58145E-07     2.45679E-07     2.41297E-07
    14            1.47500E-06     1.27956E-06     2.47748E-07     2.27133E-07     2.23106E-07
    15            1.09657E-06     9.38970E-07     1.56403E-07     1.52659E-07     1.49983E-07
    16            1.18969E-06     1.04777E-06     2.29379E-07     2.09907E-07     2.06100E-07
    17            1.22216E-06     1.09295E-06     2.58916E-07     2.37942E-07     2.33831E-07
    18            1.35282E-06     1.23231E-06     2.76205E-07     2.52719E-07     2.48144E-07
    19            1.20310E-06     1.08859E-06     1.98825E-07     1.80349E-07     1.76769E-07
    20            1.19336E-06     1.07053E-06     2.10367E-07     1.93033E-07     1.89662E-07
    21            1.17849E-06     1.02660E-06     1.58091E-07     1.43540E-07     1.40728E-07
    22            1.81281E-06     1.60867E-06     2.36525E-07     2.12966E-07     2.08411E-07
    23            1.83444E-06     1.58608E-06     2.36278E-07     2.14575E-07     2.10372E-07
    24            2.18150E-06     1.91662E-06     3.58671E-07     3.27571E-07     3.21502E-07
    25            2.17419E-06     1.85128E-06     3.01084E-07     2.73676E-07     2.68356E-07
    26            1.84235E-06     1.55824E-06     2.42096E-07     2.20473E-07     2.16286E-07
    27            1.49359E-06     1.21657E-06     1.44250E-07     1.30222E-07     1.27522E-07
    28            1.44632E-06     1.18406E-06     1.32368E-07     1.19425E-07     1.16934E-07
    29            1.58255E-06     1.33679E-06     2.04812E-07     1.86738E-07     1.83230E-07
    30            2.07439E-06     1.80261E-06     3.18076E-07     2.90059E-07     2.84625E-07
    31            1.99748E-06     1.72461E-06     2.93162E-07     2.66578E-07     2.61419E-07
    32            1.34661E-06     1.18295E-06     2.51945E-07     2.30666E-07     2.26507E-07
    33            9.20519E-07     8.08216E-07     1.76957E-07     1.62608E-07     1.59788E-07
    34            9.71834E-07     8.29142E-07     1.52599E-07     1.39737E-07     1.37232E-07
    35            1.22690E-06     1.03618E-06     1.64209E-07     1.49121E-07     1.46190E-07
    36            1.77025E-06     1.55552E-06     3.24409E-07     2.97551E-07     2.92300E-07
```

```
           PPPPPPPPPPP    3333333333   BBBBBBBBBBB    AAAAAAAAAA    SSSSSSSSSS   777777777777        444
          PPPPPPPPPPPP  333333333333  BBBBBBBBBBBB  AAAAAAAAAAAA  SSSSSSSSSSSS  77777777777        4444
         PP        PP  33        33  BB        BB  AA        AA  SS        SS  77      77        44 44
        PP        PP            33  BB        BB  AA        AA  SS                   77        44  44
       PP        PP            33  BB        BB  AA        AA  SSS                  77       44   44
      PPPPPPPPPPPP         3333   BBBBBBBBBB    AAAAAAAAAAAA   SSSSSSSSS          77       44444444444
     PPPPPPPPPPP          3333   BBBBBBBBBB    AAAAAAAAAAAA    SSSSSSSSS         77      444444444444
    PP                      33  BB        BB  AA        AA           SSS        77             44
   PP                      33  BB        BB  AA        AA            SS        77             44
  PP            33        33  BB        BB  AA        AA  SS        SS        77             44
 PP            333333333333  BBBBBBBBBBBB  AA        AA  SSSSSSSSSSSS        77             44
PP             3333333333   BBBBBBBBBBB   AA        AA   SSSSSSSSSS         77             44

  JJJJJJJJJ   555555555555   9999999999    9999999999     00000000                   AAAAAAAAAA
  JJJJJJJJJ   555555555555  999999999999  999999999999   0000000000                 AAAAAAAAAAAA
      JJ      55            99        99  99        99  00      0000                AA        AA
      JJ      55            99        99  99        99  00     00 00                AA        AA
      JJ      55            99        99  99        99  00    00  00                AA        AA
      JJ      555555555     999999999999  999999999999  00   00   00                AAAAAAAAAAAA
      JJ      5555555555    999999999999  999999999999  00  00    00                AAAAAAAAAAAA
      JJ               55             99            99  00 00     00                AA        AA
JJ    JJ                55            99            99  0000      00                AA        AA
JJ    JJ                55  99        99  99        99  000       00                AA        AA
JJJJJJJJ      555555555555  999999999999  999999999999   0000000000                 AA        AA
 JJJJJJ       55555555555    9999999999    9999999999     00000000                  AA        AA

*A START JOB 5990 P3BAS74  0001 0001 NER       CONTAINER CORP       80001046.002   7.03.50 PM 11 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 5990 P3BAS74  0001 0001 NER       CONTAINER CORP       80001046.002   7.03.50 PM 11 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 5990 P3BAS74  0001 0001 NER       CONTAINER CORP       80001046.002   7.03.50 PM 11 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 5990 P3BAS74  0001 0001 NER       CONTAINER CORP       80001046.002   7.03.50 PM 11 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 5990 P3BAS74  0001 0001 NER       CONTAINER CORP       80001046.002   7.03.50 PM 11 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 5990 P3BAS74  0001 0001 NER       CONTAINER CORP       80001046.002   7.03.50 PM 11 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 5990 P3BAS74  0001 0001 NER       CONTAINER CORP       80001046.002   7.03.50 PM 11 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 5990 P3BAS74  0001 0001 NER       CONTAINER CORP       80001046.002   7.03.50 PM 11 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 5990 P3BAS74  0001 0001 NER       CONTAINER CORP       80001046.002   7.03.50 PM 11 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 5990 P3BAS74  0001 0001 NER       CONTAINER CORP       80001046.002   7.03.50 PM 11 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 5990 P3BAS74  0001 0001 NER       CONTAINER CORP       80001046.002   7.03.50 PM 11 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 5990 P3BAS74  0001 0001 NER       CONTAINER CORP       80001046.002   7.03.50 PM 11 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 5990 P3BAS74  0001 0001 NER       CONTAINER CORP       80001046.002   7.03.50 PM 11 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 5990 P3BAS74  0001 0001 NER       CONTAINER CORP       80001046.002   7.03.50 PM 11 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 5990 P3BAS74  0001 0001 NER       CONTAINER CORP       80001046.002   7.03.50 PM 11 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 5990 P3BAS74  0001 0001 NER       CONTAINER CORP       80001046.002   7.03.50 PM 11 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 5990 P3BAS74  0001 0001 NER       CONTAINER CORP       80001046.002   7.03.50 PM 11 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 5990 P3BAS74  0001 0001 NER       CONTAINER CORP       80001046.002   7.03.50 PM 11 FEB 82 PRINTER1 SYS NER1 START  A*
```

BASELINE PART
MATTER
1974

```
PLANT NAME: CONTAINER CORP.          POLLUTANT: PART      EMISSION UNITS: GM/SEC    AIR QUALITY UNITS: GM/M**3
BASELINE - ALTERNATIVE #3

              MET FILE     REQUESTED
             STN NO. YR   STN NO. YR
 SURFACE      13889  74    13889  74
 UPPER AIR    13861  74    13861  74
PLANT LOCATION: RURAL
NO TAPE OUTPUT
MET DATA WILL NOT BE PRINTED

DAY-- 1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
      1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
      1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
      1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
      1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
      1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
      1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
      1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 0

  * * * * * * * * * * * * * * * * * * * *  N O T E  * * * * * * * * * * * * * * * * * * * *
          ALL TABLES, INCLUDING SOURCE CONTRIBUTION, THAT CONTAIN "ANNUAL" IN THE HEADING ARE BASED ONLY ON THOSE DAYS
          MARKED BY "1" IN THE ABOVE TABLE
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```
        RING DISTANCES(KM)=    2.50    3.50   36.90  40.60   41.40

      STACK #   1--#3 POWER BOILER
      STACK #   2--#4 POWER BOILER
      STACK #   3--#5 POWER BOILER
      STACK #   4--#3 RECOVERY BOILER
      STACK #   5--#3 SMELT
      STACK #   6--#4 RECOVERY BOILER
      STACK #   7--#4 SMELT
      STACK #   8--#2 LIME KILN
      STACK #   9--#3 LIME KILN


       STACK     MONTH       EMISSION RATE         HEIGHT    DIAMETER  EXIT VELOCITY   TEMP      VOLUMETRIC FLOW
                               (GMS/SEC)          (METERS)   (METERS)     (M/SEC)     (DEG.K)       (M**3/SEC)

          1       ALL           6.9400             75.60       2.44        19.30       480.00          90.25
          2       ALL          36.9000             75.60       2.44        14.40       485.00          67.33
          3       ALL          32.4300             75.60       3.35        16.30       480.00         143.67
          4       ALL          21.2000             45.70       2.74        13.30       390.00          78.42
          5       ALL           1.6300             38.70       0.61         5.80       360.00           1.70
          6       ALL          52.3600             80.80       3.51        18.80       493.00         181.91
          7       ALL           3.6600             74.40       1.83         5.20       350.00          13.68
          8       ALL           2.2000             18.30       1.07        12.30       361.00          11.06
          9       ALL           2.5200             18.30       1.37        17.60       360.00          25.94
```

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  PLANT NAME: CONTAINER CORP.            POLLUTANT: PART       EMISSION UNITS: GM/SEC     AIR QUALITY UNITS: GM/M**3

        MAXIMUM MEAN CONC=  2.2855E-06  DIRECTION= 31  DISTANCE=  2.5 KM

YEAR= 74


                          ANNUAL MEAN CONCENTRATION AT EACH RECEPTOR
       RANGE      2.5 KM         3.5 KM          36.9 KM         40.6 KM          41.4 KM
DIR
   1           1.69710E-06    1.48150E-06    3.00485E-07    2.74942E-07     2.69949E-07
   2           1.45626E-06    1.23001E-06    2.14515E-07    1.95428E-07     1.91712E-07
   3           1.85801E-06    1.57925E-06    3.06399E-07    2.80886E-07     2.75904E-07
   4           2.14984E-06    1.86198E-06    3.27932E-07    2.97796E-07     2.91942E-07
   5           1.89893E-06    1.65700E-06    3.08935E-07    2.82071E-07     2.76838E-07
   6           1.88477E-06    1.61581E-06    2.85159E-07    2.60524E-07     2.55728E-07
   7           1.74756E-06    1.49392E-06    2.80274E-07    2.56277E-07     2.51586E-07
   8           1.24640E-06    1.04561E-06    1.78629E-07    1.63295E-07     1.60295E-07
   9           1.29799E-06    1.11218E-06    1.95192E-07    1.78271E-07     1.74980E-07
  10           1.22167E-06    1.02775E-06    2.04009E-07    1.87330E-07     1.84059E-07
  11           1.52000E-06    1.30645E-06    2.66257E-07    2.45199E-07     2.41074E-07
  12           1.70471E-06    1.46145E-06    2.76763E-07    2.55263E-07     2.51049E-07
  13           1.75287E-06    1.50235E-06    2.98800E-07    2.74955E-07     2.70276E-07
  14           1.56550E-06    1.34159E-06    2.37768E-07    2.17338E-07     2.13349E-07
  15           1.15725E-06    9.63659E-07    1.70381E-07    1.56661E-07     1.53985E-07
  16           1.17928E-06    1.02060E-06    2.08066E-07    1.90693E-07     1.87293E-07
  17           9.33416E-07    7.94795E-07    1.58614E-07    1.45429E-07     1.42843E-07
  18           1.07801E-06    9.65732E-07    2.10953E-07    1.92936E-07     1.89424E-07
  19           1.10577E-06    9.70055E-07    1.83762E-07    1.68531E-07     1.65558E-07
  20           1.19037E-06    1.06087E-06    1.81911E-07    1.65800E-07     1.52673E-07
  21           1.15606E-06    1.00744E-06    1.45476E-07    1.31775E-07     1.29126E-07
  22           1.79549E-06    1.59718E-06    2.34007E-07    2.59060E-07     2.54208E-07
  23           1.92436E-06    1.71127E-06    3.34699E-07    3.08250E-07     3.03081E-07
  24           2.12017E-06    1.82216E-06    3.23801E-07    2.97355E-07     2.92187E-07
  25           2.15173E-06    1.81112E-06    2.35025E-07    2.60349E-07     2.55551E-07
  26           1.78949E-06    1.47964E-06    2.63476E-07    2.42479E-07     2.38377E-07
  27           1.37398E-06    1.08265E-06    1.27256E-07    1.15329E-07     1.13026E-07
  28           1.10669E-06    8.58556E-07    8.43785E-08    7.60924E-08     7.44987E-08
  29           1.21488E-06    9.55225E-07    9.94298E-08    8.96638E-08     8.77836E-08
  30           2.13984E-06    1.82123E-06    3.08512E-07    2.82461E-07     2.77389E-07
  31           2.23553E-06    1.99442E-06    3.80910E-07    3.49194E-07     3.43002E-07
  32           1.54878E-06    1.34716E-06    2.77655E-07    2.55324E-07     2.50958E-07
  33           1.05789E-06    9.10533E-07    1.94163E-07    1.78152E-07     1.75013E-07
  34           1.18805E-06    1.03448E-06    2.28277E-07    2.09593E-07     2.05938E-07
  35           1.19096E-06    1.01510E-06    1.75603E-07    1.60199E-07     1.57204E-07
  36           1.93199E-06    1.74114E-06    3.72711E-07    3.41705E-07     3.35642E-07
```

```
            SSSSSSSSSS    3333333333   BBBBBBBBBBB    AAAAAAAAAA    SSSSSSSSSS   777777777777    00000000
          SSSSSSSSSSSS  333333333333  BBBBBBBBBBBB  AAAAAAAAAAAA  SSSSSSSSSSSS  77777777777    0000000000
         SS        SS  33        33  BB        BB  AA        AA  SS        SS  77      77   00       0000
        SS                      33  BB        BB  AA        AA  SS                   77    00      00 00
       SSS                     33  BB       BB   AA        AA  SSS                 77     00     00  00
       SSSSSSSSS           3333   BBBBBBBBBB    AAAAAAAAAAAA   SSSSSSSSS         77      00    00   00
       SSSSSSSSS          3333   BBBBBBBBBB    AAAAAAAAAAAA    SSSSSSSSS        77      00   00    00
             SSS            33  BB       BB   AA        AA           SSS       77      00  00     00
             SS            33  BB        BB  AA        AA            SS       77       0000      00
  SS        SS  33        33  BB        BB  AA        AA  SS        SS      77       000       00
 SSSSSSSSSSSS  33333333333  BBBBBBBBBBB    AA        AA  SSSSSSSSSSSS      77        0000000000
 SSSSSSSSSS    3333333333   BBBBBBBBBBB   AA        AA   SSSSSSSSSS       77         00000000


  JJJJJJJJJJ  555555555555   9999999999    8888888888     00000000                   AAAAAAAAAA
  JJJJJJJJJJ  555555555555  999999999999  888888888888   0000000000                 AAAAAAAAAAAA
      JJ      55            99        99  88        88  00     0000                 AA        AA
      JJ      55            99        99  88        88  00    00 00                 AA        AA
      JJ      55            99        99   88     88    00   00  00                 AA        AA
      JJ      555555555     999999999999    88888888    00  00   00                 AAAAAAAAAAAA
      JJ      5555555555    999999999999    88888888    00  00   00                 AAAAAAAAAAAA
      JJ               55             99   88     88    00 00    00                 AA        AA
JJ    JJ                55            99  88        88  0000     00                 AA        AA
JJ    JJ                55  99        99  88        88  000      00                 AA        AA
JJJJJJJJ      555555555555  999999999999  888888888888   0000000000                 AA        AA
 JJJJJJ       55555555555    9999999999    8888888888     00000000                  AA        AA

*A START JOB 5980 S3BAS70  0001 0001 NER      CONTAINER CORP        80001046.002   6.57.06 PM 11 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 5980 S3BAS70  0001 0001 NER      CONTAINER CORP        80001046.002   6.57.06 PM 11 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 5980 S3BAS70  0001 0001 NER      CONTAINER CORP        80001046.002   6.57.06 PM 11 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 5980 S3BAS70  0001 0001 NER      CONTAINER CORP        80001046.002   6.57.06 PM 11 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 5980 S3BAS70  0001 0001 NER      CONTAINER CORP        80001046.002   6.57.06 PM 11 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 5980 S3BAS70  0001 0001 NER      CONTAINER CORP        80001046.002   6.57.06 PM 11 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 5980 S3BAS70  0001 0001 NER      CONTAINER CORP        80001046.002   6.57.06 PM 11 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 5980 S3BAS70  0001 0001 NER      CONTAINER CORP        80001046.002   6.57.06 PM 11 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 5980 S3BAS70  0001 0001 NER      CONTAINER CORP        80001046.002   6.57.06 PM 11 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 5980 S3BAS70  0001 0001 NER      CONTAINER CORP        80001046.002   6.57.06 PM 11 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 5980 S3BAS70  0001 0001 NER      CONTAINER CORP        80001046.002   6.57.06 PM 11 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 5980 S3BAS70  0001 0001 NER      CONTAINER CORP        80001046.002   6.57.06 PM 11 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 5980 S3BAS70  0001 0001 NER      CONTAINER CORP        80001046.002   6.57.06 PM 11 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 5980 S3BAS70  0001 0001 NER      CONTAINER CORP        80001046.002   6.57.06 PM 11 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 5980 S3BAS70  0001 0001 NER      CONTAINER CORP        80001046.002   6.57.06 PM 11 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 5980 S3BAS70  0001 0001 NER      CONTAINER CORP        80001046.002   6.57.06 PM 11 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 5980 S3BAS70  0001 0001 NER      CONTAINER CORP        80001046.002   6.57.06 PM 11 FEB 82 PRINTER1 SYS NER1 START  A*
```

BASELINE SO_2

1970

```
PLANT NAME: CONTAINER CORP.          POLLUTANT: SO2        EMISSION UNITS: GM/SEC     AIR QUALITY UNITS: GM/M**3
BASELINE - ALTERNATIVE #3

              MET FILE      REQUESTED
             STN NO. YR    STN NO. YR
 SURFACE      13889  70     13889  70
 UPPER AIR    13861  70     13861  70
PLANT LOCATION: RURAL
NO TAPE OUTPJT
MET DATA WILL NOT BE PRINTED

DAY--  1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
       1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
       1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
       1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
       1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
       1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
       1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
       1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 0

 * * * * * * * * * * * * * * * * * * * *  N O T E  * * * * * * * * * * * * * * * * * * * *

          ALL TABLES, INCLUDING SOURCE CONTRIBUTION, THAT CONTAIN "ANNUAL" IN THE HEADING ARE BASED ONLY ON THOSE DAYS

          MARKED BY "1" IN THE ABOVE TABLE
```

```
   RING DISTANCES(KM)=    2.00    2.50    3.00    3.50   63.30

 STACK #  1--#3 POWER BOILER
 STACK #  2--#4 POWER BOILER
 STACK #  3--#5 POWER BOILER
 STACK #  4--#3 RECOVERY BOILER
 STACK #  5--#4 RECOVERY BOILER


  STACK    MONTH     EMISSION RATE        HEIGHT    DIAMETER  EXIT VELOCITY   TEMP      VOLUMETRIC FLOW
                      (GMS/SEC)          (METERS)   (METERS)    (M/SEC)     (DEG.K)      (M**3/SEC)

    1       ALL       100.8000             75.60      2.44       19.30      480.00         90.25

    2       ALL        57.9000             75.60      2.44       14.40      485.00         67.33

    3       ALL       169.8000             75.60      3.35       16.30      480.00        143.67

    4       ALL        20.0700             45.70      2.74       13.30      390.00         78.42

    5       ALL        31.2000             80.80      3.51       18.80      493.00        181.91
```

```
   PLANT NAME: CONTAINER CORP.           POLLUTANT: SO2       EMISSION UNITS: GM/SEC     AIR QUALITY UNITS: GM/M**3

         MAXIMUM MEAN CONC=  4.8607E-06  DIRECTION= 31   DISTANCE=  2.5 KM

 YEAR=  70


                          ANNUAL MEAN CONCENTRATION AT EACH RECEPTOR
           RANGE     2.0 KM            2.5 KM            3.0 KM            3.5 KM            63.3 KM
 DIR
   1             1.58952E-06       1.64560E-06       1.55243E-06       1.62715E-06       2.21838E-07
   2             1.75089E-06       1.80868E-06       1.80856E-06       1.77806E-06       2.29493E-07
   3             2.17673E-06       2.19162E-06       2.15254E-06       2.08908E-06       2.95909E-07
   4             3.47010E-06       3.55614E-06       3.54720E-06       3.48081E-06       4.28090E-07
   5             4.64256E-06       4.74181E-06       4.59648E-06       4.57139E-06       5.66988E-07
   6             3.81846E-06       3.78514E-06       3.55413E-06       3.48902E-06       4.33280E-07
   7             2.93194E-06       2.84871E-06       2.69578E-06       2.53148E-06       3.05694E-07
   8             2.72144E-06       2.65367E-06       2.51515E-06       2.36295E-06       2.85545E-07
   9             2.87133E-06       2.99351E-06       2.99905E-06       2.93964E-06       4.10483E-07
  10             2.03686E-06       2.09812E-06       2.08380E-06       2.02705E-06       3.17799E-07
  11             1.67423E-06       1.83130E-06       1.90913E-06       1.92482E-06       3.07999E-07
  12             1.35401E-06       1.44914E-06       1.48316E-06       1.47902E-06       3.23810E-07
  13             1.31681E-06       1.41370E-06       1.44998E-06       1.44843E-06       3.20422E-07
  14             1.32659E-06       1.40478E-06       1.42642E-06       1.41743E-06       3.39189E-07
  15             1.19687E-06       1.22774E-06       1.21395E-05       1.18335E-06       2.36506E-07
  16             1.05873E-06       1.11113E-06       1.11135E-06       1.08838E-06       2.01978E-07
  17             9.12624E-07       9.63382E-07       9.79663E-07       9.73870E-07       1.83937E-07
  18             1.17578E-06       1.28544E-06       1.35645E-06       1.39675E-06       3.03163E-07
  19             9.18254E-07       9.05973E-07       8.58029E-07       8.22099E-07       1.00683E-07
  20             8.92602E-07       9.11518E-07       9.02894E-07       8.79711E-07       1.35198E-07
  21             3.96571E-07       9.54910E-07       9.69783E-07       9.57869E-07       1.57372E-07
  22             1.04498E-06       1.15361E-06       1.20342E-06       1.20848E-06       1.67707E-07
  23             1.11990E-06       1.25525E-06       1.32670E-05       1.34252E-06       1.57016E-07
  24             1.23160E-06       1.39562E-06       1.48228E-06       1.50343E-06       1.81791E-07
  25             1.58257E-06       1.74663E-06       1.82558E-06       1.83831E-06       2.62321E-07
  26             1.81573E-06       1.87947E-06       1.87510E-06       1.82900E-06       2.02969E-07
  27             2.88382E-05       3.00221E-06       2.99871E-06       2.92823E-06       3.52720E-07
  28             2.43892E-06       2.38813E-06       2.25664E-06       2.10149E-06       1.55101E-07
  29             2.77021E-06       2.74305E-06       2.62676E-06       2.47899E-06       2.35821E-07
  30             4.01016E-06       4.04559E-06       3.94111E-06       3.76630E-06       3.16631E-07
  31             4.85967E-06       4.86071E-06       4.69830E-05       4.46052E-06       3.41974E-07
  32             4.55224E-06       4.56206E-06       4.41588E-06       4.20051E-06       3.79907E-07
  33             2.60236E-06       2.51627E-06       2.38838E-05       2.25499E-06       2.92595E-07
  34             1.93323E-06       1.89950E-06       1.83026E-06       1.75400E-06       2.83233E-07
  35             1.69454E-06       1.68525E-06       1.52651E-06       1.55209E-06       2.41685E-07
  36             1.76499E-06       1.87165E-06       1.93021E-06       1.95271E-06       3.77857E-07
```

```
                 SSSSSSSSSS    3333333333    BBBBBBBBBB    AAAAAAAAAA    SSSSSSSSSS   777777777777      11
                SSSSSSSSSSSS  333333333333  BBBBBBBBBBBB  AAAAAAAAAAAA  SSSSSSSSSSSS  77777777777      111
               SS        SS  33         33  BB         BB  AA         AA  SS        SS  77       77      1111
              SS                        33  BB         BB  AA         AA  SS                  77         11
             SSS                       33  BB         BB  AA         AA  SSS                77          11
             SSSSSSSSS         3333   BBBBBBBBBB   AAAAAAAAAAAA   SSSSSSSSS          77          11
             SSSSSSSSS        3333   BBBBBBBBBB   AAAAAAAAAAAA   SSSSSSSSS          77          11
                   SSS         33  BB         BB  AA         AA          SSS       77          11
                    SS        33  BB         BB  AA         AA           SS       77          11
          SS        SS  33    33  BB         BB  AA         AA  SS        SS      77          11
          SSSSSSSSSSSS  333333333333  BBBBBBBBBBBB  AA         AA  SSSSSSSSSSSS     77     1111111111
          SSSSSSSSSS    3333333333    BBBBBBBBBB    AA         AA  SSSSSSSSSS       77     1111111111

           JJJJJJJJJJ   555555555555   9999999999    8888888888    2222222222            AAAAAAAAAA
           JJJJJJJJJJ   555555555555  999999999999  888888888888  222222222222          AAAAAAAAAAAA
                   JJ   55            99        99  88        88  22          22        AA        AA
                   JJ   55            99        99  88        88              22        AA        AA
                   JJ   55            99        99   88      88               22        AA        AA
                   JJ   555555555     999999999999    88888888               22         AAAAAAAAAAAA
                   JJ   5555555555    999999999999    88888888             22           AAAAAAAAAAAA
                   JJ           55              99   88      88          22             AA        AA
           JJ      JJ            55             99  88        88       22               AA        AA
           JJ      JJ            55   99        99  88        88     22                 AA        AA
           JJJJJJJJ     555555555555  999999999999  888888888888  222222222222          AA        AA
             JJJJJJ     55555555555    9999999999    8888888888   222222222222          AA        AA

*A START JOB 5982 S3BAS71  0001 0001 NER      CONTAINER CORP      80001046,002   6.57.39 PM 11 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 5982 S3BAS71  0001 0001 NER      CONTAINER CORP      80001046,002   6.57.39 PM 11 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 5982 S3BAS71  0001 0001 NER      CONTAINER CORP      80001046,002   6.57.39 PM 11 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 5982 S3BAS71  0001 0001 NER      CONTAINER CORP      80001046,002   6.57.39 PM 11 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 5982 S3BAS71  0001 0001 NER      CONTAINER CORP      80001046,002   6.57.39 PM 11 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 5982 S3BAS71  0001 0001 NER      CONTAINER CORP      80001046,002   6.57.39 PM 11 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 5982 S3BAS71  0001 0001 NER      CONTAINER CORP      80001046,002   6.57.39 PM 11 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 5982 S3BAS71  0001 0001 NER      CONTAINER CORP      80001046,002   6.57.39 PM 11 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 5982 S3BAS71  0001 0001 NER      CONTAINER CORP      80001046,002   6.57.39 PM 11 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 5982 S3BAS71  0001 0001 NER      CONTAINER CORP      80001046,002   6.57.39 PM 11 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 5982 S3BAS71  0001 0001 NER      CONTAINER CORP      80001046,002   6.57.39 PM 11 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 5982 S3BAS71  0001 0001 NER      CONTAINER CORP      80001046,002   6.57.39 PM 11 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 5982 S3BAS71  0001 0001 NER      CONTAINER CORP      80001046,002   6.57.39 PM 11 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 5982 S3BAS71  0001 0001 NER      CONTAINER CORP      80001046,002   6.57.39 PM 11 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 5982 S3BAS71  0001 0001 NER      CONTAINER CORP      80001045,002   6.57.39 PM 11 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 5982 S3BAS71  0001 0001 NER      CONTAINER CORP      80001046,002   6.57.39 PM 11 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 5982 S3BAS71  0001 0001 NER      CONTAINER CORP      80001046,002   6.57.39 PM 11 FEB 82 PRINTER1 SYS NER1 START  A*
```

BASELINE SO_2

1971

```
PLANT NAME: CONTAINER CORP.            POLLUTANT: SO2        EMISSION UNITS: GM/SEC     AIR QUALITY UNITS: GM/M**3
BASELINE - ALTERNATIVE #3

               MET FILE      REQUESTED
              STN NO. YR    STN NO. YR
 SURFACE       13389  71     13389  71
 UPPER AIR     13861  71     13861  71
PLANT LOCATION: RURAL
NO TAPE OUTPUT
MET DATA WILL NOT BE PRINTED

DAY-- 1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
      1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
      1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
      1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
      1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
      1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
      1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
      1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 0

 * * * * * * * * * * * * * * * * * * * *  N O T E  * * * * * * * * * * * * * * * * * * * *

         ALL TABLES, INCLUDING SOURCE CONTRIBUTION, THAT CONTAIN "ANNUAL" IN THE HEADING ARE BASED ONLY ON THOSE DAYS

         MARKED BY "1" IN THE ABOVE TABLE
```

```
  RING DISTANCES(KM)=   2.00   2.50   3.00   3.50  63.30

STACK #  1--#3 POWER BOILER
STACK #  2--#4 POWER BOILER
STACK #  3--#5 POWER BOILER
STACK #  4--#3 RECOVERY BOILER
STACK #  5--#4 RECOVERY BOILER


 STACK    MONTH      EMISSION RATE         HEIGHT    DIAMETER  EXIT VELOCITY   TEMP       VOLUMETRIC FLOW
                      (GMS/SEC)           (METERS)   (METERS)     (M/SEC)     (DEG.K)       (M**3/SEC)
   1       ALL       100.8000               75.60      2.44        19.30       480.00          90.25
   2       ALL        57.9000               75.60      2.44        14.40       485.00          67.33
   3       ALL       169.8000               75.60      3.35        16.30       480.00         143.67
   4       ALL        20.0700               45.70      2.74        13.30       390.00          78.42
   5       ALL        31.2000               80.80      3.51        18.80       493.00         181.91
```

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   PLANT NAME: CONTAINER CORP.            POLLUTANT: SO2       EMISSION UNITS: GM/SEC    AIR QUALITY UNITS: GM/M**3

        MAXIMUM MEAN CONC=  3.9707E-06  DIRECTION=  6  DISTANCE=  2.5 KM

 YEAR= 71


                         ANNUAL MEAN CONCENTRATION AT EACH RECEPTOR
          RANGE     2.0 KM          2.5 KM          3.0 KM          3.5 KM          63.3 KM
 DIR
   1             1.57960E-06     1.62339E-06     1.59724E-06     1.54001E-06     2.18396E-07
   2             1.61126E-06     1.65611E-06     1.53011E-06     1.57691E-06     3.24081E-07
   3             1.61316E-06     1.64607E-06     1.60951E-06     1.54409E-06     2.44554E-07
   4             2.09452E-06     2.15514E-06     2.13398E-06     2.07561E-06     3.51143E-07
   5             2.93677E-06     2.98974E-06     2.91668E-06     2.79296E-06     4.53172E-07
   6             3.91755E-06     3.97057E-06     3.36403E-06     3.69686E-06     5.76107E-07
   7             3.57872E-06     3.49416E-06     3.30007E-06     3.08188E-06     4.12445E-07
   8             3.42911E-06     3.30238E-06     3.09998E-06     2.89037E-06     3.80503E-07
   9             3.61632E-06     3.47940E-06     3.25878E-06     3.02492E-06     4.03320E-07
  10             3.31821E-06     3.22581E-06     3.03242E-06     2.81429E-06     3.10631E-07
  11             2.71408E-06     2.62020E-06     2.45768E-06     2.28021E-06     3.14848E-07
  12             2.83571E-06     2.77188E-06     2.63516E-06     2.47816E-06     3.76563E-07
  13             2.80068E-06     2.75911E-06     2.61840E-06     2.44645E-06     2.67072E-07
  14             2.38931E-06     2.35260E-06     2.23836E-06     2.10329E-06     2.69401E-07
  15             1.57451E-06     1.47046E-06     1.35404E-06     1.24911E-06     1.52702E-07
  16             1.32743E-06     1.30404E-06     1.27424E-06     1.24277E-06     2.20410E-07
  17             1.40673E-06     1.40587E-06     1.36532E-06     1.31140E-06     2.54859E-07
  18             1.54721E-06     1.63170E-06     1.64836E-06     1.63370E-06     4.00792E-07
  19             1.19750E-06     1.28511E-06     1.32728E-06     1.33577E-06     2.27598E-07
  20             1.32029E-06     1.43264E-06     1.48972E-06     1.49874E-06     2.01400E-07
  21             1.60403E-06     1.74509E-06     1.79694E-06     1.78429E-06     1.93019E-07
  22             1.94389E-06     2.17222E-06     2.27521E-06     2.28428E-06     2.69800E-07
  23             1.60819E-06     1.73597E-06     1.78571E-06     1.77966E-06     2.34320E-07
  24             1.98916E-06     2.13055E-06     2.16548E-06     2.14078E-06     4.41657E-07
  25             2.07559E-06     2.11757E-06     2.07063E-06     1.98763E-06     2.70775E-07
  26             2.51966E-06     2.51823E-06     2.41991E-06     2.28840E-06     2.59442E-07
  27             2.17759E-06     2.07801E-06     1.92161E-06     1.76484E-06     2.07597E-07
  28             2.25993E-06     2.19170E-06     2.04401E-06     1.88224E-06     1.62571E-07
  29             2.03879E-06     1.95129E-06     1.79497E-06     1.63079E-06     1.06901E-07
  30             2.42006E-06     2.42201E-06     2.34613E-06     2.24060E-06     2.40800E-07
  31             2.69452E-06     2.70607E-06     2.63444E-06     2.52854E-06     3.88274E-07
  32             2.20883E-06     2.16301E-06     2.07132E-06     1.96765E-06     2.91412E-07
  33             1.52127E-06     1.46808E-06     1.39289E-06     1.31571E-06     2.51549E-07
  34             1.50593E-06     1.52207E-06     1.49013E-06     1.43703E-06     2.65066E-07
  35             1.40988E-06     1.41503E-06     1.36312E-06     1.28977E-06     1.63612E-07
  36             1.73026E-06     1.82657E-06     1.85022E-06     1.83026E-06     3.61822E-07
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                  SSSSSSSSSS   3333333333   BBBBBBBBBBB   AAAAAAAAAA   SSSSSSSSSS   777777777777   2222222222
                SSSSSSSSSSSS 333333333333 BBBBBBBBBBBB AAAAAAAAAAAA SSSSSSSSSSSS 777777777777 222222222222
               SS          SS 33          33 BB          BB AA          AA SS          SS 77          77 22          22
              SS                         33 BB          BB AA          AA SS                         77            22
             SSS                        33 BB          BB AA          AA SSS                        77            22
             SSSSSSSSS          3333 BBBBBBBBBB AAAAAAAAAAAA SSSSSSSSS             77            22
             SSSSSSSSS        3333 BBBBBBBBBB AAAAAAAAAAAA SSSSSSSSS             77            22
                    SSS        33 BB          BB AA          AA        SSS            77            22
                    SS       33 BB          BB AA          AA          SS           77          22
         SS         SS 33         33 BB          BB AA          AA SS         SS           77          22
        SSSSSSSSSSSS 333333333333 BBBBBBBBBBBB AA          AA SSSSSSSSSSSS          77        222222222222
        SSSSSSSSSS   3333333333   BBBBBBBBBB   AA          AA SSSSSSSSSS           77        222222222222

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          JJJJJJJJJ  555555555555 999999999999 888888888888 666666666666         AAAAAAAAAAAA
                JJ   55             99          99 88          88 66          66         AA          AA
                JJ   55             99          99 88          88 66                     AA          AA
                JJ   55             99          99 88          88 66                     AA          AA
                JJ   5555555555     999999999999   88888888   66666666666          AAAAAAAAAAAA
                JJ   5555555555     999999999999   88888888   666666666666         AAAAAAAAAAAA
                JJ             55             99 88          88 66          66         AA          AA
       JJ       JJ             55             99 88          88 66          66         AA          AA
       JJ       JJ             55 99          99 88          88 66          66         AA          AA
       JJJJJJJJ      555555555555 999999999999 888888888888 666666666666         AA          AA
         JJJJJJ      55555555555    9999999999   8888888888   6666666666          AA          AA

*A START JOB 5986 S3BAS72  0001 0001 NER      CONTAINER CORP      80001046.002   6.58.40 PM 11 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 5986 S3BAS72  0001 0001 NER      CONTAINER CORP      80001046.002   6.58.40 PM 11 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 5986 S3BAS72  0001 0001 NER      CONTAINER CORP      80001046.002   6.58.40 PM 11 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 5986 S3BAS72  0001 0001 NER      CONTAINER CORP      80001046.002   6.58.40 PM 11 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 5986 S3BAS72  0001 0001 NER      CONTAINER CORP      80001046.002   6.58.40 PM 11 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 5986 S3BAS72  0001 0001 NER      CONTAINER CORP      80001046.002   6.58.40 PM 11 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 5986 S3BAS72  0001 0001 NER      CONTAINER CORP      80001046.002   6.58.40 PM 11 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 5986 S3BAS72  0001 0001 NER      CONTAINER CORP      80001046.002   6.58.40 PM 11 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 5986 S3BAS72  0001 0001 NER      CONTAINER CORP      80001046.002   6.58.40 PM 11 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 5986 S3BAS72  0001 0001 NER      CONTAINER CORP      80001046.002   6.58.40 PM 11 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 5986 S3BAS72  0001 0001 NER      CONTAINER CORP      80001046.002   6.58.40 PM 11 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 5986 S3BAS72  0001 0001 NER      CONTAINER CORP      80001046.002   6.58.40 PM 11 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 5986 S3BAS72  0001 0001 NER      CONTAINER CORP      80001046.002   6.58.40 PM 11 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 5986 S3BAS72  0001 0001 NER      CONTAINER CORP      80001046.002   6.58.40 PM 11 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 5986 S3BAS72  0001 0001 NER      CONTAINER CORP      80001046.002   6.58.40 PM 11 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 5986 S3BAS72  0001 0001 NER      CONTAINER CORP      80001046.002   6.58.40 PM 11 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 5986 S3BAS72  0001 0001 NER      CONTAINER CORP      80001046.002   6.58.40 PM 11 FEB 82 PRINTER1 SYS NER1 START  A*
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BASELINE SO2

1972

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PLANT NAME: CONTAINER CORP.            POLLUTANT: SO2       EMISSION UNITS: GM/SEC    AIR QUALITY UNITS: GM/M**3
BASELINE - ALTERNATIVE #3

              MET FILE     REQUESTED
             STN NO. YR   STN NO. YR
 SURFACE      13889  72    13889  72
 UPPER AIR    13861  72    13861  72
PLANT LOCATION: RURAL
NO TAPE OUTPUT
MET DATA WILL NOT BE PRINTED

DAY-- 1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
      1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
      1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
      1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
      1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
      1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
      1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
      1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1

 * * * * * * * * * * * * * * * * * * * * N O T E * * * * * * * * * * * * * * * * * * * * *
          ALL TABLES, INCLUDING SOURCE CONTRIBUTION, THAT CONTAIN "ANNUAL" IN THE HEADING ARE BASED ONLY ON THOSE DAYS
          MARKED BY "1" IN THE ABOVE TABLE
```

```
    RING DISTANCES(KM)=    2.00    2.50    3.00    3.50   63.30

  STACK #  1--#3 POWER BOILER
  STACK #  2--#4 POWER BOILER
  STACK #  3--#5 POWER BOILER
  STACK #  4--#3 RECOVERY BOILER
  STACK #  5--#4 RECOVERY BOILER


   STACK     MONTH       EMISSION RATE          HEIGHT     DIAMETER  EXIT VELOCITY    TEMP      VOLUMETRIC FLOW
                          (GMS/SEC)            (METERS)    (METERS)     (M/SEC)     (DEG.K)       (M**3/SEC)

     1        ALL         100.8000              75.60        2.44        19.30       480.00          90.25

     2        ALL          57.9000              75.60        2.44        14.40       485.00          67.33

     3        ALL         169.8000              75.60        3.35        16.30       480.00         143.67

     4        ALL          20.0700              45.70        2.74        13.30       390.00          78.42

     5        ALL          31.2000              80.80        3.51        18.80       493.00         181.91
```

```
     PLANT NAME: CONTAINER CORP.            POLLUTANT: SO2       EMISSION UNITS: GM/SEC    AIR QUALITY UNITS: GM/M**3

          MAXIMUM MEAN CONC=  3.9563E-06  DIRECTION=  6  DISTANCE=  2.5 KM

     YEAR= 72


                      ANNUAL MEAN CONCENTRATION AT EACH RECEPTOR
         RANGE     2.0 KM          2.5 KM          3.0 KM          3.5 KM          63.3 KM
     DIR
       1          1.17243E-06     1.16322E-06     1.13783E-06     1.10733E-06     2.13175E-07
       2          1.37020E-06     1.39214E-06     1.38602E-06     1.36662E-06     2.96147E-07
       3          1.78253E-06     1.79318E-06     1.74673E-06     1.67729E-06     2.40081E-07
       4          2.31456E-06     2.36865E-06     2.35128E-06     2.29918E-06     4.28032E-07
       5          2.89723E-06     2.89731E-06     2.80884E-06     2.68561E-06     3.96215E-07
       6          3.87851E-06     3.95632E-06     3.88257E-06     3.74366E-06     5.85578E-07
       7          2.80166E-06     2.71912E-06     2.55838E-06     2.38014E-06     2.53804E-07
       8          2.60661E-06     2.51284E-06     2.36258E-06     2.20328E-06     2.67519E-07
       9          2.77750E-06     2.66259E-06     2.47572E-06     2.27972E-06     2.94827E-07
      10          2.43494E-06     2.39744E-06     2.25013E-06     2.08907E-06     2.66970E-07
      11          2.19591E-06     2.13036E-06     2.01503E-06     1.88852E-06     2.62603E-07
      12          2.30460E-06     2.29919E-06     2.22321E-06     2.11896E-06     3.63044E-07
      13          2.43907E-06     2.41961E-06     2.32291E-06     2.19862E-06     2.89971E-07
      14          2.25164E-06     2.27334E-06     2.21383E-06     2.11777E-06     3.46892E-07
      15          1.67298E-06     1.67287E-06     1.59840E-06     1.49690E-06     2.54063E-07
      16          1.68403E-06     1.71233E-06     1.57618E-06     1.61657E-06     3.39118E-07
      17          1.51536E-06     1.49772E-06     1.45384E-06     1.40624E-06     2.55506E-07
      18          1.40988E-06     1.47077E-06     1.50041E-06     1.51414E-06     4.17360E-07
      19          1.31551E-06     1.39398E-06     1.41940E-06     1.41229E-06     3.09211E-07
      20          1.38516E-06     1.55189E-06     1.65639E-06     1.70271E-06     2.84523E-07
      21          1.40537E-06     1.54843E-06     1.62738E-06     1.64847E-06     2.09149E-07
      22          2.21693E-06     2.49615E-06     2.65355E-06     2.70186E-06     3.23147E-07
      23          2.57081E-06     2.81979E-06     2.92783E-06     2.92358E-06     2.94993E-07
      24          3.01313E-06     3.26254E-06     3.35278E-06     3.33100E-06     4.68944E-07
      25          2.74583E-06     2.81060E-06     2.75950E-06     2.65005E-06     2.90072E-07
      26          2.56662E-06     2.67656E-06     2.68506E-06     2.62515E-06     2.43252E-07
      27          2.31164E-06     2.36145E-06     2.31979E-06     2.23013E-06     2.42665E-07
      28          1.92670E-06     1.98664E-06     1.96038E-06     1.88607E-06     1.70708E-07
      29          1.71159E-06     1.78023E-06     1.76969E-06     1.71609E-06     1.96254E-07
      30          2.10959E-06     2.18665E-06     2.16578E-06     2.09774E-06     2.98070E-07
      31          1.76676E-06     1.85160E-06     1.86312E-06     1.83666E-06     3.36658E-07
      32          1.40933E-06     1.47593E-06     1.49690E-06     1.49062E-06     2.90212E-07
      33          9.94974E-07     9.65117E-07     9.22270E-07     8.77555E-07     1.72032E-07
      34          1.33095E-06     1.33778E-06     1.29527E-06     1.23533E-06     2.28150E-07
      35          1.34688E-06     1.31656E-06     1.24430E-06     1.16406E-06     1.75010E-07
      36          1.48919E-06     1.50733E-06     1.49827E-06     1.48189E-06     4.09420E-07
```

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              SSSSSSSSSS    3333333333    BBBBBBBBBB    AAAAAAAAAA    SSSSSSSSSS   777777777777   3333333333
             SSSSSSSSSSSS  333333333333  BBBBBBBBBBBB  AAAAAAAAAAAA  SSSSSSSSSSSS  77777777777   333333333333
            SS        SS  33        33  BB        BB  AA        AA  SS        SS  77        77  33        33
           SS                      33  BB        BB  AA        AA  SS                     77            33
          SSS                     33  BB        BB  AA        AA  SSS                   77             33
          SSSSSSSSS           3333   BBBBBBBBBB    AAAAAAAAAAAA   SSSSSSSSS            77          3333
          SSSSSSSSS          3333   BBBBBBBBBB    AAAAAAAAAAAA   SSSSSSSSS            77          3333
                 SSS           33  BB        BB  AA        AA          SSS         77              33
                  SS          33  BB        BB  AA        AA            SS        77              33
        SS        SS  33        33  BB        BB  AA        AA  SS        SS      77        33        33
        SSSSSSSSSSSS  333333333333  BBBBBBBBBBBB  AA        AA  SSSSSSSSSSSS     77         333333333333
        SSSSSSSSSS    3333333333    BBBBBBBBBB    AA        AA  SSSSSSSSSS      77          3333333333

          JJJJJJJJJJ  555555555555    9999999999    8888888888    8888888888                 AAAAAAAAAA
          JJJJJJJJJJ  555555555555  999999999999  888888888888  888888888888                AAAAAAAAAAAA
                  JJ  55            99        99  88        88  88        88                AA        AA
                  JJ  55            99        99  88        88  88        88                AA        AA
                  JJ  55            99        99    88    88      88    88                  AA        AA
                  JJ  555555555     999999999999    88888888      88888888                  AAAAAAAAAAAA
                  JJ  5555555555    999999999999    88888888      88888888                  AAAAAAAAAAAA
                  JJ          55              99  88        88  88        88                AA        AA
        JJ        JJ          55              99  88        88  88        88                AA        AA
        JJ        JJ          55  99        99  88        88  88        88                AA        AA
        JJJJJJJJJJ    555555555555  999999999999  888888888888  888888888888                AA        AA
          JJJJJJ      55555555555     9999999999    8888888888    8888888888                AA        AA

*A START JOB 5988 S3BAS73  0001 0001 NER       CONTAINER CORP      80001046.002   7.01.08 PM 11 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 5988 S3BAS73  0001 0001 NER       CONTAINER CORP      80001046.002   7.01.08 PM 11 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 5988 S3BAS73  0001 0001 NER       CONTAINER CORP      80001046.002   7.01.08 PM 11 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 5988 S3BAS73  0001 0001 NER       CONTAINER CORP      80001046.002   7.01.08 PM 11 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 5988 S3BAS73  0001 0001 NER       CONTAINER CORP      80001046.002   7.01.08 PM 11 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 5988 S3BAS73  0001 0001 NER       CONTAINER CORP      80001046.002   7.01.08 PM 11 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 5988 S3BAS73  0001 0001 NER       CONTAINER CORP      80001046.002   7.01.08 PM 11 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 5988 S3BAS73  0001 0001 NER       CONTAINER CORP      80001046.002   7.01.08 PM 11 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 5988 S3BAS73  0001 0001 NER       CONTAINER CORP.     80001046.002   7.01.08 PM 11 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 5988 S3BAS73  0001 0001 NER       CONTAINER CORP      80001046.002   7.01.08 PM 11 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 5988 S3BAS73  0001 0001 NER       CONTAINER CORP      80001046.002   7.01.08 PM 11 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 5988 S3BAS73  0001 0001 NER       CONTAINER CORP      80001046.002   7.01.08 PM 11 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 5988 S3BAS73  0001 0001 NER       CONTAINER CORP      80001046.002   7.01.08 PM 11 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 5988 S3BAS73  0001 0001 NER       CONTAINER CORP      80001046.002   7.01.08 PM 11 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 5988 S3BAS73  0001 0001 NER       CONTAINER CORP      80001046.002   7.01.08 PM 11 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 5988 S3BAS73  0001 0001 NER       CONTAINER CORP      80001046.002   7.01.08 PM 11 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 5988 S3BAS73  0001 0001 NER       CONTAINER CORP      80001046.002   7.01.08 PM 11 FEB 82 PRINTER1 SYS NER1 START  A*
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BASELINE SO_2

1973

```
PLANT NAME: CONTAINER CORP.          POLLUTANT: SO2      EMISSION UNITS: GM/SEC    AIR QUALITY UNITS: GM/M**3
BASELINE - ALTERNATIVE #3

              MET FILE      REQUESTED
            STN NO. YR    STN NO. YR
 SURFACE     13889  73     13889  73
 UPPER AIR   13861  73     13861  73
PLANT LOCATION: RURAL
NO TAPE OUTPUT
MET DATA WILL NOT BE PRINTED

DAY--  1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
       1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
       1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
       1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
       1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
       1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
       1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
       1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 0

  * * * * * * * * * * * * * * * * * * * *  N O T E  * * * * * * * * * * * * * * * * * * * *

          ALL TABLES, INCLUDING SOURCE CONTRIBUTION, THAT CONTAIN "ANNUAL" IN THE HEADING ARE BASED ONLY ON THOSE DAYS

          MARKED BY "1" IN THE ABOVE TABLE
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```
        RING DISTANCES(KM)=    2.00    2.50    3.00    3.50   63.30

     STACK #   1--#3 POWER BOILER
     STACK #   2--#4 POWER BOILER
     STACK #   3--#5 POWER BOILER
     STACK #   4--#3 RECOVERY BOILER
     STACK #   5--#4 RECOVERY BOILER


      STACK      MONTH       EMISSION RATE            HEIGHT    DIAMETER  EXIT VELOCITY   TEMP      VOLUMETRIC FLOW
                               (GMS/SEC)             (METERS)   (METERS)     (M/SEC)    (DEG.K)      (M**3/SEC)
        1         ALL        100.8000                 75.60       2.44        19.30      480.00          90.25
        2         ALL         57.9000                 75.60       2.44        14.40      485.00          67.33
        3         ALL        169.8000                 75.60       3.35        16.30      480.00         143.67
        4         ALL         20.0700                 45.70       2.74        13.30      390.00          78.42
        5         ALL         31.2000                 80.80       3.51        18.80      493.00         181.91
```

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    PLANT NAME: CONTAINER CORP.            POLLUTANT: SO2       EMISSION UNITS: GM/SEC     AIR QUALITY UNITS: GM/M**3

         MAXIMUM MEAN CONC=  3.1640E-06  DIRECTION=  6  DISTANCE=  2.0 KM

  YEAR= 73


                              ANNUAL MEAN CONCENTRATION AT EACH RECEPTOR
          RANGE      2.0 KM           2.5 KM            3.0 KM            3.5 KM           63.3 KM
  DIR
    1           1.93373E-06     1.98628E-06     1.93317E-06     1.85997E-06     3.03956E-07
    2           1.94697E-06     1.96025E-06     1.91672E-06     1.84870E-06     2.84608E-07
    3           2.14140E-06     2.20451E-06     2.18963E-06     2.13215E-06     3.60236E-07
    4           2.47371E-06     2.51090E-06     2.44703E-06     2.34120E-06     3.88404E-07
    5           2.56403E-06     2.51457E-06     2.39128E-06     2.25192E-06     3.31991E-07
    6           3.16395E-06     3.11194E-06     2.95343E-06     2.76755E-06     3.44350E-07
    7           2.68384E-06     2.60370E-06     2.44307E-06     2.26872E-06     3.40071E-07
    8           2.09781E-06     2.04086E-06     1.92048E-06     1.78566E-06     2.46180E-07
    9           1.79442E-06     1.76960E-06     1.69081E-06     1.59541E-06     2.68085E-07
   10           1.92023E-06     1.88894E-06     1.79199E-06     1.67701E-06     2.87428E-07
   11           2.30438E-06     2.31830E-06     2.24185E-06     2.12673E-06     2.66260E-07
   12           2.34551E-06     2.39108E-06     2.32810E-06     2.21476E-06     2.99290E-07
   13           2.38274E-06     2.41830E-06     2.34041E-06     2.22280E-06     3.39802E-07
   14           1.93346E-06     1.97557E-06     1.93883E-06     1.86679E-06     3.12412E-07
   15           1.51366E-06     1.52369E-06     1.47950E-06     1.41252E-06     2.10037E-07
   16           1.40903E-06     1.43053E-06     1.40995E-06     1.37533E-06     2.95815E-07
   17           1.32392E-06     1.38524E-06     1.39438E-06     1.37866E-06     3.27049E-07
   18           1.27860E-06     1.42444E-06     1.50601E-06     1.54194E-06     3.53605E-07
   19           1.28099E-06     1.43939E-06     1.53079E-06     1.56922E-06     2.51400E-07
   20           1.31522E-06     1.42938E-06     1.47713E-06     1.47841E-06     2.61030E-07
   21           1.39622E-06     1.48859E-06     1.52526E-06     1.51774E-06     1.95601E-07
   22           2.16901E-06     2.38704E-06     2.48839E-06     2.49853E-06     2.89887E-07
   23           2.44007E-06     2.57504E-06     2.57806E-06     2.50535E-06     2.88239E-07
   24           2.74434E-06     2.85887E-06     2.84988E-06     2.77637E-06     4.42466E-07
   25           2.94756E-06     2.98547E-06     2.91200E-06     2.79339E-06     3.71983E-07
   26           2.59633E-06     2.62011E-06     2.54347E-06     2.43831E-06     3.02886E-07
   27           2.36665E-06     2.32953E-06     2.20715E-06     2.06111E-06     1.76955E-07
   28           2.30845E-06     2.30441E-06     2.20439E-06     2.06883E-06     1.63709E-07
   29           2.23028E-06     2.24970E-06     2.18489E-06     2.08390E-06     2.49243E-07
   30           2.64686E-06     2.71851E-06     2.70305E-06     2.64011E-06     3.96118E-07
   31           2.55994E-06     2.61906E-06     2.59349E-06     2.52446E-06     3.67019E-07
   32           1.60768E-06     1.64092E-06     1.62560E-06     1.58896E-06     3.19854E-07
   33           1.10585E-06     1.11340E-06     1.09429E-06     1.06266E-06     2.24784E-07
   34           1.36240E-06     1.34749E-06     1.29666E-06     1.23326E-06     1.92677E-07
   35           1.65251E-06     1.65796E-06     1.60949E-06     1.53748E-06     2.00279E-07
   36           2.23076E-06     2.28549E-06     2.25601E-06     2.18726E-06     4.15423E-07
```

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         SSSSSSSSSSSS   333333333333  BBBBBBBBBBBB   AAAAAAAAAAAA  SSSSSSSSSSSS   77777777777         4444
        SS        SS   33        33  BB         BB  AA        AA  SS         SS  77       77        44 44
       SS                       33  BB        BB   AA        AA  SS                    77         44  44
      SSS                      33  BB       BB    AA        AA  SSS                  77         44   44
      SSSSSSSSS            3333   BBBBBBBBBB     AAAAAAAAAAAA   SSSSSSSSS          77        44444444444
      SSSSSSSSS           3333   BBBBBBBBBB     AAAAAAAAAAAA    SSSSSSSSS         77       444444444444
            SSS             33  BB       BB    AA        AA           SSS        77              44
            SS             33 BB         BB  AA         AA            SS        77              44
 SS        SS  33         33  BB        BB  AA         AA  SS        SS        77              44
SSSSSSSSSSSS  333333333333   BBBBBBBBBBBB  AA         AA  SSSSSSSSSSSS        77              44
SSSSSSSSSS    3333333333    BBBBBBBBBB    AA        AA   SSSSSSSSSS         77              44

  JJJJJJJJJJ  555555555555    9999999999    9999999999         11                       AAAAAAAAAA
  JJJJJJJJJJ  555555555555   999999999999  999999999999       111                      AAAAAAAAAAAA
      JJ      55             99        99  99        99     1111                      AA        AA
      JJ      55             99        99  99        99       11                      AA        AA
      JJ      55             99        99  99        99       11                      AA        AA
      JJ      555555555      999999999999  999999999999        11                      AAAAAAAAAAAA
      JJ      5555555555     999999999999  999999999999        11                      AAAAAAAAAAAA
      JJ               55              99             99       11                      AA        AA
JJ    JJ                55             99             99       11                      AA        AA
JJ    JJ                55   99        99  99        99       11                      AA        AA
JJJJJJJJ      555555555555   999999999999  999999999999    1111111111                  AA        AA
 JJJJJJ       55555555555     9999999999    9999999999     1111111111                  AA        AA

*A START JOB 5991 S3BAS74  0001 0001 NER      CONTAINER CORP      80001046.002   7.03.16 PM 11 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 5991 S3BAS74  0001 0001 NER      CONTAINER CORP      80001046.002   7.03.16 PM 11 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 5991 S3BAS74  0001 0001 NER      CONTAINER CORP      80001046.002   7.03.16 PM 11 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 5991 S3BAS74  0001 0001 NER      CONTAINER CORP      80001046.002   7.03.16 PM 11 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 5991 S3BAS74  0001 0001 NER      CONTAINER CORP      80001046.002   7.03.16 PM 11 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 5991 S3BAS74  0001 0001 NER      CONTAINER CORP      80001046.002   7.03.16 PM 11 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 5991 S3BAS74  0001 0001 NER      CONTAINER CORP      80001046.002   7.03.16 PM 11 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 5991 S3BAS74  0001 0001 NER      CONTAINER CORP      80001046.002   7.03.16 PM 11 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 5991 S3BAS74  0001 0001 NER      CONTAINER CORP      80001046.002   7.03.16 PM 11 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 5991 S3BAS74  0001 0001 NER      CONTAINER CORP      80001045.002   7.03.16 PM 11 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 5991 S3BAS74  0001 0001 NER      CONTAINER CORP      80001046.002   7.03.16 PM 11 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 5991 S3BAS74  0001 0001 NER      CONTAINER CORP      80001046.002   7.03.16 PM 11 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 5991 S3BAS74  0001 0001 NER      CONTAINER CORP      80001046.002   7.03.16 PM 11 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 5991 S3BAS74  0001 0001 NER      CONTAINER CORP      80001046.002   7.03.16 PM 11 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 5991 S3BAS74  0001 0001 NER      CONTAINER CORP      80001045.002   7.03.16 PM 11 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 5991 S3BAS74  0001 0001 NER      CONTAINER CORP      80001046.002   7.03.16 PM 11 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 5991 S3BAS74  0001 0001 NER      CONTAINER CORP      80001046.002   7.03.16 PM 11 FEB 82 PRINTER1 SYS NER1 START  A*
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BASELINE SO_2
1974

```
PLANT NAME: CONTAINER CORP.            POLLUTANT: SO2        EMISSION UNITS: GM/SEC     AIR QUALITY UNITS: GM/M**3
BASELINE - ALTERNATIVE #3

              MET FILE       REQUESTED
             STN NO. YR     STN NO. YR
 SURFACE      13389  74      13889   74
 UPPER AIR    13861  74      13861   74
PLANT LOCATION: RURAL
NO TAPE OUTPUT
MET DATA WILL NOT BE PRINTED

DAY-- 1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
      1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
      1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
      1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
      1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
      1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
      1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
      1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 0

 * * * * * * * * * * * * * * * * * * * * N O T E * * * * * * * * * * * * * * * * * * * * *
         ALL TABLES, INCLUDING SOURCE CONTRIBUTION, THAT CONTAIN "ANNUAL" IN THE HEADING ARE BASED ONLY ON THOSE DAYS
         MARKED BY "1" IN THE ABOVE TABLE
```

```
    RING DISTANCES(KM)=    2.00    2.50    3.00    3.50  63.30

  STACK #  1--#3 POWER BOILER
  STACK #  2--#4 POWER BOILER
  STACK #  3--#5 POWER BOILER
  STACK #  4--#3 RECOVERY BOILER
  STACK #  5--#4 RECOVERY BOILER


   STACK     MONTH         EMISSION RATE          HEIGHT     DIAMETER  EXIT VELOCITY    TEMP       VOLUMETRIC FLOW
                            (GMS/SEC)            (METERS)    (METERS)     (M/SEC)      (DEG.K)       (M**3/SEC)
     1        ALL           100.8000              75.60        2.44        19.30        480.00          90.25
     2        ALL            57.9000              75.60        2.44        14.40        485.00          67.33
     3        ALL           169.8000              75.60        3.35        16.30        480.00         143.67
     4        ALL            20.0700              45.70        2.74        13.30        390.00          78.42
     5        ALL            31.2000              80.80        3.51        18.80        493.00         181.91
```

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   PLANT NAME: CONTAINER CORP.            POLLUTANT: SO2        EMISSION UNITS: GM/SEC    AIR QUALITY UNITS: GM/M**3

        MAXIMUM MEAN CONC=  3.1665E-06  DIRECTION= 25  DISTANCE=  2.0 KM

 YEAR= 74


                         ANNUAL MEAN CONCENTRATION AT EACH RECEPTOR
        RANGE      2.0 KM          2.5 KM          3.0 KM          3.5 KM          63.3 KM
DIR
  1             1.97243E-06     2.04452E-06     2.03066E-06     1.98108E-06     3.85821E-07
  2             2.01068E-06     2.00028E-06     1.92491E-06     1.83069E-06     2.68139E-07
  3             2.49946E-06     2.48995E-06     2.39246E-06     2.27147E-06     3.95468E-07
  4             2.68102E-06     2.78295E-06     2.77031E-06     2.70295E-06     4.09091E-07
  5             2.33277E-06     2.42148E-06     2.40717E-06     2.34173E-06     3.79041E-07
  6             2.50389E-06     2.56876E-06     2.50924E-06     2.40280E-06     3.61350E-07
  7             2.34135E-06     2.37483E-06     2.30191E-06     2.19336E-06     3.57597E-07
  8             1.77228E-06     1.75075E-06     1.67511E-06     1.58195E-06     2.30366E-07
  9             1.75884E-06     1.76591E-06     1.72386E-06     1.65779E-06     2.48038E-07
 10             1.78214E-06     1.71132E-06     1.60565E-06     1.49814E-06     2.56204E-07
 11             2.09745E-06     2.07390E-06     1.98954E-06     1.88475E-06     3.37647E-07
 12             2.44310E-06     2.42842E-06     2.31802E-06     2.17564E-06     3.32424E-07
 13             2.36562E-06     2.35043E-06     2.25267E-06     2.13113E-06     3.81391E-07
 14             2.09572E-06     2.13158E-06     2.08163E-06     1.99359E-06     2.94013E-07
 15             1.66464E-06     1.62635E-06     1.53902E-06     1.44021E-06     2.19315E-07
 16             1.47709E-06     1.47983E-06     1.44129E-06     1.38795E-06     2.58231E-07
 17             1.15083E-06     1.15878E-06     1.12448E-06     1.07529E-06     2.03463E-07
 18             1.10306E-06     1.17931E-06     1.21145E-06     1.21892E-06     2.66841E-07
 19             1.23779E-06     1.31197E-06     1.33454E-06     1.32255E-06     2.34257E-07
 20             1.34912E-06     1.48510E-06     1.54972E-06     1.55884E-06     2.29432E-07
 21             1.41204E-06     1.53143E-06     1.57201E-06     1.55740E-06     1.74549E-07
 22             2.08861E-06     2.26409E-06     2.33652E-06     2.33355E-06     3.53510E-07
 23             2.35402E-06     2.50219E-06     2.53412E-06     2.48992E-06     4.22762E-07
 24             2.91590E-06     2.98075E-06     2.91029E-06     2.77982E-06     4.11209E-07
 25             3.16653E-06     3.15401E-06     3.03048E-06     2.86654E-06     3.61641E-07
 26             2.86577E-06     2.73888E-06     2.54132E-06     2.34239E-06     3.36371E-07
 27             2.42724E-06     2.28975E-06     2.09811E-06     1.90958E-06     1.61207E-07
 28             2.05320E-06     1.92524E-06     1.75025E-06     1.57875E-06     1.03254E-07
 29             2.15359E-06     2.06367E-06     1.90273E-06     1.73449E-06     1.24073E-07
 30             3.06728E-06     3.08717E-06     2.99055E-06     2.85119E-06     3.91543E-07
 31             2.95685E-06     3.00652E-06     2.95604E-06     2.85901E-06     4.77265E-07
 32             1.90844E-06     1.91270E-06     1.86966E-06     1.80667E-06     3.47899E-07
 33             1.36062E-06     1.33311E-06     1.27917E-06     1.22028E-06     2.41741E-07
 34             1.48223E-06     1.49143E-06     1.45055E-06     1.39719E-06     2.92602E-07
 35             1.48777E-06     1.53935E-06     1.51474E-06     1.45879E-06     2.20822E-07
 36             1.96979E-06     2.16876E-06     2.25279E-06     2.26692E-06     4.77083E-07
```

```
                              PPPPPPPPPPP    AAAAAAAAAA   RRRRRRRRRRR    TTTTTTTTTTTT  MM        MM  OOOOOOOOOOOO   DDDDDDDDD
                             PPPPPPPPPPPP  AAAAAAAAAAAA  RRRRRRRRRRRR   TTTTTTTTTTTT  MMM      MMM  OOOOOOOOOOOO   DDDDDDDDDD
                            PP        PP  AA        AA  RR        RR        TT       MMMM    MMMM  OO        OO   DD        DD
                           PP        PP  AA        AA  RR        RR        TT       MM MM  MM MM  OO        OO   DD         DD
                          PP        PP  AA        AA  RR        RR        TT       MM  MMMM  MM  OO        OO   DD         DD
                         PPPPPPPPPPPP  AAAAAAAAAAAA  RRRRRRRRRRRR        TT       MM   MM   MM  OO        OO   DD         DD
                        PPPPPPPPPPP   AAAAAAAAAAAA  RRRRRRRRRRR         TT       MM        MM  OO        OO   DD         DD
                       PP            AA        AA  RR     RR           TT       MM        MM  OO        OO   DD         DD
                      PP            AA        AA  RR      RR          TT       MM        MM  OO        OO   DD         DD
                     PP            AA        AA  RR       RR         TT       MM        MM  OO        OO   DD        DD
                    PP            AA        AA  RR        RR        TT       MM        MM  OOOOOOOOOOOO   DDDDDDDDDD
                   PP            AA        AA  RR         RR       TT       MM        MM  OOOOOOOOOOOO   DDDDDDDDD

                    JJJJJJJJJJ        444       9999999999   777777777777        11                       AAAAAAAAAA
                    JJJJJJJJJJ       4444      999999999999  77777777777        111                      AAAAAAAAAAAA
                        JJ          44 44      99        99  77       77       1111                      AA        AA
                        JJ         44  44      99        99          77          11                      AA        AA
                        JJ        44   44      99        99         77           11                      AA        AA
                        JJ       44444444444   999999999999        77            11                      AAAAAAAAAAAA
                        JJ      444444444444   999999999999        77            11                      AAAAAAAAAAAA
                        JJ             44                99        77            11                      AA        AA
                  JJ    JJ             44                99        77            11                      AA        AA
                  JJ    JJ             44      99        99        77            11                      AA        AA
                  JJJJJJJJ             44      999999999999        77        1111111111                  AA        AA
                   JJJJJJ              44       9999999999         77        1111111111                  AA        AA

*A START JOB 4971 PARTMOD  0001 0001 NER       CONTAINER CORP       80001046.002    7.06.58 PM 09 FEB 82 PRINTER1  SYS NER1  START  A*
*A START JOB 4971 PARTMOD  0001 0001 NER       CONTAINER CORP       80001046.002    7.06.58 PM 09 FEB 82 PRINTER1  SYS NER1  START  A*
*A START JOB 4971 PARTMOD  0001 0001 NER       CONTAINER CORP       80001046.002    7.06.58 PM 09 FEB 82 PRINTER1  SYS NER1  START  A*
*A START JOB 4971 PARTMOD  0001 0001 NER       CONTAINER CORP       80001046.002    7.06.58 PM 09 FEB 82 PRINTER1  SYS NER1  START  A*
*A START JOB 4971 PARTMOD  0001 0001 NER       CONTAINER CORP       80001046.002    7.06.58 PM 09 FEB 82 PRINTER1  SYS NER1  START  A*
*A START JOB 4971 PARTMOD  0001 0001 NER       CONTAINER CORP       80001046.002    7.06.58 PM 09 FEB 82 PRINTER1  SYS NER1  START  A*
*A START JOB 4971 PARTMOD  0001 0001 NER       CONTAINER CORP       80001046.002    7.06.58 PM 09 FEB 82 PRINTER1  SYS NER1  START  A*
*A START JOB 4971 PARTMOD  0001 0001 NER       CONTAINER CORP       80001046.002    7.06.58 PM 09 FEB 82 PRINTER1  SYS NER1  START  A*
*A START JOB 4971 PARTMOD  0001 0001 NER       CONTAINER CORP       80001046.002    7.06.58 PM 09 FEB 82 PRINTER1  SYS NER1  START  A*
*A START JOB 4971 PARTMOD  0001 0001 NER       CONTAINER CORP       80001046.002    7.06.58 PM 09 FEB 82 PRINTER1  SYS NER1  START  A*
*A START JOB 4971 PARTMOD  0001 0001 NER       CONTAINER CORP       80001046.002    7.06.58 PM 09 FEB 82 PRINTER1  SYS NER1  START  A*
*A START JOB 4971 PARTMOD  0001 0001 NER       CONTAINER CORP       80001046.002    7.06.58 PM 09 FEB 82 PRINTER1  SYS NER1  START  A*
*A START JOB 4971 PARTMOD  0001 0001 NER       CONTAINER CORP       80001046.002    7.06.58 PM 09 FEB 82 PRINTER1  SYS NER1  START  A*
*A START JOB 4971 PARTMOD  0001 0001 NER       CONTAINER CORP       80001046.002    7.06.58 PM 09 FEB 82 PRINTER1  SYS NER1  START  A*
*A START JOB 4971 PARTMOD  0001 0001 NER       CONTAINER CORP       80001046.002    7.06.58 PM 09 FEB 82 PRINTER1  SYS NER1  START  A*
*A START JOB 4971 PARTMOD  0001 0001 NER       CONTAINER CORP       80001046.002    7.06.58 PM 09 FEB 82 PRINTER1  SYS NER1  START  A*
*A START JOB 4971 PARTMOD  0001 0001 NER       CONTAINER CORP       80001046.002    7.06.58 PM 09 FEB 82 PRINTER1  SYS NER1  START  A*
*A START JOB 4971 PARTMOD  0001 0001 NER       CONTAINER CORP       80001046.002    7.06.58 PM 09 FEB 82 PRINTER1  SYS NER1  START  A*

                         ************************************************************************************
                         *                                                                                  *
                         *         N.E.R.D.C. NEWS:    2/08/82  12:04:38                                    *
                         *                                                                                  *
                         *         SEMINARS INTRODUCING THE NEW CMS AND VSAPL SYSTEMS WILL BE               *
                         *         OFFERED FEBRUARY 22 AND 23.  SEE MEMO 82033.03 FOR DETAILS               *
                         *         AND REGISTRATION INFORMATION.                       (LMCD)               *
                         *                                                                                  *
                         ************************************************************************************
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MODIFIED PART.
MATTER
1970

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PLANT NAME: CONTAINER CORP.            POLLJTANT: PART       EMISSION UNITS: GM/SEC     AIR QUALITY UNITS: GM/M**3
MODIFIED MILL

                 MET FILE      REQUESTED
                STN NO. YR    STN NO. YR
 SURFACE         13889  70     13889  70
 UPPER AIR       13861  70     13861  70
PLANT LOCATION: RURAL
NO TAPE OUTPJT
MET DATA WIL_ NOT BE PRINTED

DAY-- 1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
      1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
      1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
      1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
      1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
      1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
      1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
      1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 0

 * * * * * * * * * * * * * * * * * * * *  N O T E  * * * * * * * * * * * * * * * * * * * *

       ALL TABLES, INCLUDING SOURCE CONTRIBUTION, THAT CONTAIN "ANNUAL" IN THE HEADING ARE BASED ONLY ON THOSE DAYS

       MARKED BY "1" IN THE ABOVE TABLE
```

```
RING DISTANCES(KM)=   2.50   3.50   36.90   40.60   41.40

STACK #   1--#4 POWER BOILER
STACK #   2--#5 POWER BOILER
STACK #   3--#4 RECOVERY BOILER
STACK #   4--#4 SMELT
STACK #   5--#5 RECOVERY BOILER
STACK #   6--#5 SMELT
STACK #   7--#2 LIME KILN
STACK #   8--#3 LIME KILN
STACK #   9--#7 POWER BOILER


STACK     MONTH      EMISSION RATE         HEIGHT    DIAMETER  EXIT VELOCITY   TEMP        VOLUMETRIC FLOW
                      (GMS/SEC)           (METERS)   (METERS)     (M/SEC)     (DEG.K)        (M**3/SEC)

   1       ALL         9.6000              75.60       2.44        14.40      485.00            67.33
   2       ALL        17.3000              75.60       3.35        16.30      480.00           143.67
   3       ALL        17.2000              80.80       3.51        18.80      493.00           181.91
   4       ALL         3.6000              74.40       1.83         5.20      350.00            13.68
   5       ALL        10.5000              88.10       2.74        18.70      484.00           110.26
   6       ALL         1.7000              83.10       1.22        10.40      346.00            12.16
   7       ALL         2.2000              19.30       1.07        12.30      361.00            11.06
   8       ALL         2.5000              13.30       1.37        17.60      360.00            25.94
   9       ALL        12.9000             103.70       4.51        12.90      441.00           206.08
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PLANT NAME: CONTAINER CORP.          POLLUTANT: PART       EMISSION UNITS: GM/SEC     AIR QUALITY UNITS: GM/M**3

      MAXIMUM MEAN CONC=  1.7192E-06  DIRECTION=  5  DISTANCE=  2.5 KM

YEAR= 70


                           ANNUAL MEAN CONCENTRATION AT EACH RECEPTOR
      RANGE     2.5 KM          3.5 KM          35.9 KM         40.6 KM          41.4 KM
DIR
  1          6.46759E-07     5.32732E-07     8.01889E-08     7.26963E-08     7.12466E-08
  2          7.08080E-07     5.80759E-07     8.54182E-08     7.72443E-08     7.56623E-08
  3          8.46284E-07     6.90435E-07     1.07045E-07     9.72291E-08     9.53226E-08
  4          1.35984E-06     1.10336E-06     1.57958E-07     1.42727E-07     1.39780E-07
  5          1.71920E-06     1.41014E-06     2.06509E-07     1.87229E-07     1.83494E-07
  6          1.36161E-06     1.10177E-06     1.56971E-07     1.42544E-07     1.39750E-07
  7          9.71732E-07     7.76444E-07     1.08557E-07     9.86811E-08     9.67655E-08
  8          9.22700E-07     7.38493E-07     1.02556E-07     9.33189E-08     9.15270E-08
  9          1.13767E-06     9.51331E-07     1.48929E-07     1.35297E-07     1.32653E-07
 10          8.19339E-07     6.90544E-07     1.12684E-07     1.02865E-07     1.00950E-07
 11          7.42771E-07     6.39030E-07     1.07896E-07     9.81350E-08     9.52375E-08
 12          5.75534E-07     5.88609E-07     1.13811E-07     1.04459E-07     1.02629E-07
 13          6.70220E-07     5.79983E-07     1.10806E-07     1.01831E-07     1.00081E-07
 14          6.66186E-07     5.82745E-07     1.19089E-07     1.09569E-07     1.07701E-07
 15          5.36762E-07     4.56073E-07     8.24398E-08     7.55314E-08     7.41821E-08
 16          4.85980E-07     4.16172E-07     7.36401E-08     6.74705E-08     6.62686E-08
 17          4.39461E-07     3.71990E-07     6.52875E-08     5.98130E-08     5.87482E-08
 18          6.48362E-07     5.55196E-07     1.06883E-07     9.76187E-08     9.58124E-08
 19          3.40651E-07     2.75211E-07     3.73960E-08     3.39573E-08     3.32923E-08
 20          3.54881E-07     2.95689E-07     4.81328E-08     4.38205E-08     4.29802E-08
 21          3.75070E-07     3.20371E-07     5.55541E-08     5.07986E-08     4.98728E-08
 22          4.46681E-07     3.82201E-07     6.07836E-08     5.53007E-08     5.42393E-08
 23          4.75132E-07     4.03994E-07     5.79635E-08     5.24186E-08     5.13493E-08
 24          5.34193E-07     4.54714E-07     6.53739E-08     5.92409E-08     5.80578E-08
 25          6.90981E-07     5.89509E-07     9.34365E-08     8.49402E-08     8.32929E-08
 26          6.53584E-07     5.35924E-07     7.40033E-08     6.69296E-08     6.55629E-08
 27          1.06291E-06     8.87021E-07     1.30141E-07     1.17965E-07     1.15606E-07
 28          7.13348E-07     5.62766E-07     5.90745E-08     5.31916E-08     5.20603E-08
 29          8.83662E-07     7.08828E-07     8.31196E-08     7.97357E-08     7.81147E-08
 30          1.26993E-06     1.02422E-06     1.19021E-07     1.07108E-07     1.04816E-07
 31          1.49206E-06     1.19444E-06     1.30552E-07     1.17229E-07     1.14672E-07
 32          1.45069E-06     1.17062E-06     1.40757E-07     1.26932E-07     1.24267E-07
 33          9.07806E-07     7.25993E-07     1.05003E-07     9.54182E-08     9.35553E-08
 34          7.60232E-07     6.22399E-07     1.01257E-07     9.23404E-08     9.06048E-08
 35          5.57300E-07     5.41595E-07     8.44509E-08     7.71665E-08     7.57499E-08
 36          8.86293E-07     7.48808E-07     1.34095E-07     1.21924E-07     1.19559E-07
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                                   PPPPPPPPPPP   MM        MM  OOOOOOOOOOOO  DDDDDDDDD     777777777777       11
                                  PPPPPPPPPPPP  MMM      MMM  OOOOOOOOOOOO  DDDDDDDDDD    77777777777       111
                                 PP        PP  MMMM    MMMM  OO        OO  DD       DD   77      77       1111
                                PP        PP  MM MM  MM MM  OO        OO  DD        DD         77          11
                               PP        PP  MM  MMMM  MM  OO        OO  DD        DD        77           11
                              PPPPPPPPPPPP  MM   MM   MM  OO        OO  DD        DD       77            11
                             PPPPPPPPPPP   MM        MM  OO        OO  DD        DD       77            11
                            PP            MM        MM  OO        OO  DD        DD       77            11
                           PP            MM        MM  OO        OO  DD        DD       77            11
                          PP            MM        MM  OO        OO  DD       DD        77            11
                         PP            MM        MM  OOOOOOOOOOOO  DDDDDDDDDD         77        1111111111
                        PP            MM        MM  OOOOOOOOOOOO  DDDDDDDDD          77        1111111111



                    JJJJJJJJJJ  8888888888   555555555555   6666666666     00000000                   AAAAAAAAAA
                    JJJJJJJJJJ 888888888888  555555555555  666666666665   0000000000                 AAAAAAAAAAAA
                        JJ     88        88  55            66        66  00      0000                AA        AA
                        JJ     88        88  55            66            00     00 00                AA        AA
                        JJ      88      88   55            66            00    00  00                AA        AA
                        JJ       88888888    555555555     66666666666   00   00    00                AAAAAAAAAAAA
                        JJ       88888888    5555555555    666666666665  00  00     00                AAAAAAAAAAAA
                        JJ      88      88             55  66        65  00 00     00                AA        AA
                  JJ    JJ     88        88            55  66        66  0000      00                AA        AA
                  JJ    JJ     88        88            55  66        65  000       00                AA        AA
                  JJJJJJJJ     888888888888  555555555555  666666666666   0000000000                 AA        AA
                   JJJJJJ       8888888888   55555555555    6666666666     00000000                  AA        AA

*A START JOB 8560 PMOD71   0001 0001 NER      CONTAINER CORP       80001046.002   7.07.45 PM 10 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 8560 PMOD71   0001 0001 NER      CONTAINER CORP       80001046.002   7.07.45 PM 10 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 8560 PMOD71   0001 0001 NER      CONTAINER CORP       80001046.002   7.07.45 PM 10 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 8560 PMOD71   0001 0001 NER      CONTAINER CORP       80001046.002   7.07.45 PM 10 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 8560 PMOD71   0001 0001 NER      CONTAINER CORP       80001046.002   7.07.45 PM 10 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 8560 PMOD71   0001 0001 NER      CONTAINER CORP       80001046.002   7.07.45 PM 10 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 8560 PMOD71   0001 0001 NER      CONTAINER CORP       80001046.002   7.07.45 PM 10 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 8560 PMOD71   0001 0001 NER      CONTAINER CORP       80001046.002   7.07.45 PM 10 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 8560 PMOD71   0001 0001 NER      CONTAINER CORP       80001046.002   7.07.45 PM 10 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 8560 PMOD71   0001 0001 NER      CONTAINER CORP       80001046.002   7.07.45 PM 10 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 8560 PMOD71   0001 0001 NER      CONTAINER CORP       80001046.002   7.07.45 PM 10 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 8560 PMOD71   0001 0001 NER      CONTAINER CORP       80001046.002   7.07.45 PM 10 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 8560 PMOD71   0001 0001 NER      CONTAINER CORP       80001046.002   7.07.45 PM 10 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 8560 PMOD71   0001 0001 NER      CONTAINER CORP       80001046.002   7.07.45 PM 10 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 8560 PMOD71   0001 0001 NER      CONTAINER CORP       80001046.002   7.07.45 PM 10 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 8560 PMOD71   0001 0001 NER      CONTAINER CORP       80001046.002   7.07.45 PM 10 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 8560 PMOD71   0001 0001 NER      CONTAINER CORP       80001046.002   7.07.45 PM 10 FEB 82 PRINTER1 SYS NER1 START  A*


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                        *                                                                               *
                        *         N.E.R.D.C. NEWS:   2/08/82  12:04:38                                  *
                        *                                                                               *
                        *         SEMINARS INTRODUCING THE NEW CMS AND VSAPL SYSTEMS WILL BE            *
                        *         OFFERED FEBRUARY 22 AND 23.  SEE MEMO 82033.03 FOR DETAILS            *
                        *         AND REGISTRATION INFORMATION.                        (LMCD)           *
                        *                                                                               *
                        *********************************************************************************
```

MODIFIED PART.
MATTER
1971

```
PLANT NAME: CONTAINER CORP.          POLLUTANT: PART      EMISSION UNITS: GM/SEC    AIR QUALITY UNITS: GM/M**3
MODIFIED MILL

              MET FILE     REQUESTED
            STN NO. YR    STN NO. YR
 SURFACE     13889  71     13889  71
 UPPER AIR   13861  71     13861  71
PLANT LOCATION: RURAL
NO TAPE OUTPUT
MET DATA WILL NOT BE PRINTED

DAY-- 1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
      1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
      1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
      1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
      1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
      1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
      1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
      1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 0

 * * * * * * * * * * * * * * * * * * * *  N O T E  * * * * * * * * * * * * * * * * * * * *

         ALL TABLES, INCLUDING SOURCE CONTRIBUTION, THAT CONTAIN "ANNUAL" IN THE HEADING ARE BASED ONLY ON THOSE DAYS

         MARKED BY "1" IN THE ABOVE TABLE
```

```
 RING DISTANCES(KM)=   2.50   3.50  36.90  40.60  41.40

STACK #  1--#4 POWER BOILER
STACK #  2--#5 POWER BOILER
STACK #  3--#4 RECOVERY BOILER
STACK #  4--#4 SMELT
STACK #  5--#5 RECOVERY BOILER
STACK #  6--#5 SMELT
STACK #  7--#2 LIME KILN
STACK #  8--#3 LIME KILN
STACK #  9--#7 POWER BOILER


 STACK    MONTH     EMISSION RATE        HEIGHT   DIAMETER  EXIT VELOCITY  TEMP     VOLUMETRIC FLOW
                     (GMS/SEC)          (METERS)  (METERS)    (M/SEC)     (DEG.K)    (M**3/SEC)

   1       ALL        9.6000              75.60     2.44       14.40      485.00        67.33
   2       ALL       17.3000              75.60     3.35       16.30      480.00       143.67
   3       ALL       17.2000              80.80     3.51       18.80      493.00       181.91
   4       ALL        3.6000              74.40     1.83        5.20      350.00        13.68
   5       ALL       10.5000              88.10     2.74       18.70      484.00       110.26
   6       ALL        1.7000              88.10     1.22       10.40      346.00        12.16
   7,      ALL        2.2000              18.30     1.07       12.30      361.00        11.06
   8       ALL        2.5000              18.30     1.37       17.60      360.00        25.94
   9       ALL       12.9000             103.70     4.51       12.90      441.00       206.08
```

```
PLANT NAME: CONTAINER CORP.          POLLUTANT: PART      EMISSION UNITS: GM/SEC     AIR QUALITY UNITS: GM/M**3
      MAXIMUM MEAN CONC=  1.5113E-06  DIRECTION=  6  DISTANCE=  2.5 KM
YEAR= 71


                         ANNUAL MEAN CONCENTRATION AT EACH RECEPTOR
         RANGE    2.5 KM          3.5 KM          36.9 KM          40.6 KM          41.4 KM
DIR
  1           6.26875E-07     5.20375E-07     7.94852E-08     7.25200E-08     7.11656E-08
  2           7.10507E-07     6.03979E-07     1.11447E-07     1.02582E-07     1.00844E-07
  3           6.58293E-07     5.49025E-07     8.63909E-08     7.90752E-08     7.76483E-08
  4           8.85494E-07     7.40444E-07     1.24841E-07     1.13825E-07     1.11671E-07
  5           1.15499E-06     9.74974E-07     1.59664E-07     1.46320E-07     1.43709E-07
  6           1.51129E-06     1.25570E-06     2.01229E-07     1.84289E-07     1.80990E-07
  7           1.20398E-06     9.82156E-07     1.45008E-07     1.32644E-07     1.30237E-07
  8           1.13914E-06     9.18370E-07     1.34128E-07     1.22185E-07     1.19858E-07
  9           1.15030E-06     9.45262E-07     1.40593E-07     1.29058E-07     1.26802E-07
 10           1.02191E-06     8.32449E-07     1.13166E-07     1.03197E-07     1.01256E-07
 11           8.64262E-07     7.12709E-07     1.08447E-07     9.96415E-08     9.79250E-08
 12           9.92211E-07     8.25681E-07     1.35128E-07     1.23933E-07     1.21741E-07
 13           9.03183E-07     7.32566E-07     9.56097E-08     8.81672E-08     8.65310E-08
 14           8.14551E-07     6.59531E-07     9.43311E-08     8.59950E-08     8.43692E-08
 15           5.19461E-07     4.09461E-07     5.69099E-08     5.17713E-08     5.07731E-08
 16           5.84911E-07     4.77868E-07     7.91660E-08     7.21060E-08     7.07320E-08
 17           6.24463E-07     5.15594E-07     8.69260E-08     8.00218E-08     7.86687E-08
 18           8.20334E-07     7.01137E-07     1.37162E-07     1.26167E-07     1.24006E-07
 19           6.03403E-07     5.03666E-07     8.18512E-08     7.44511E-08     7.30099E-08
 20           6.14816E-07     5.20182E-07     7.58830E-08     6.85803E-08     6.71668E-08
 21           6.69110E-07     5.53708E-07     7.07552E-08     6.38275E-08     6.24910E-08
 22           8.27615E-07     7.08868E-07     1.00258E-07     9.07085E-08     8.88608E-08
 23           6.85921E-07     5.71638E-07     8.35126E-08     7.55721E-08     7.40350E-08
 24           9.28361E-07     8.04837E-07     1.52144E-07     1.39741E-07     1.37310E-07
 25           7.83152E-07     6.43052E-07     9.62902E-08     8.76909E-08     8.60206E-08
 26           8.43256E-07     6.87576E-07     9.39244E-08     8.53813E-08     8.37222E-08
 27           6.80252E-07     5.43046E-07     7.37156E-08     6.73395E-08     6.51000E-08
 28           6.65227E-07     5.24510E-07     5.91508E-08     5.36129E-08     5.25434E-08
 29           5.69199E-07     4.36144E-07     3.98194E-08     3.59234E-08     3.51750E-08
 30           8.70780E-07     6.99211E-07     9.00410E-08     8.13462E-08     7.96647E-08
 31           1.01615E-06     8.48328E-07     1.37483E-07     1.25629E-07     1.23315E-07
 32           7.96868E-07     6.57537E-07     1.03023E-07     9.40306E-08     9.22811E-08
 33           5.70419E-07     4.78758E-07     8.79855E-08     8.10726E-08     7.97155E-08
 34           6.03322E-07     5.09645E-07     9.10867E-08     8.36933E-08     8.22478E-08
 35           4.93409E-07     4.02627E-07     5.72009E-08     5.21705E-08     5.11934E-08
 36           8.14792E-07     7.02199E-07     1.30078E-07     1.19359E-07     1.17265E-07
```

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                                   PPPPPPPPPPP  MM        MM  OOOOOOOOOOOO DDDDDDDDD     777777777777   2222222222
                                  PPPPPPPPPPPP MMM      MMM  OOOOOOOOOOOO  DDDDDDDDDD   77777777777   222222222222
                                 PP        PP MMMM    MMMM  OO        OO DD       DD   77      77    22       22
                                PP        PP MM MM  MM MM  OO        OO DD        DD         77               22
                               PP        PP MM  MMMM  MM  OO        OO DD        DD        77               22
                              PPPPPPPPPPPP MM   MM   MM  OO        OO DD        DD       77                22
                             PPPPPPPPPPP  MM        MM  OO        OO DD        DD       77              22
                            PP           MM        MM  OO        OO DD        DD       77            22
                           PP           MM        MM  OO        OO DD        DD       77          22
                          PP           MM        MM  OO        OO DD       DD        77        22
                         PP           MM        MM  OOOOOOOOOOOO  DDDDDDDDDD        77       222222222222
                        PP           MM        MM  OOOOOOOOOOOO  DDDDDDDDD         77       222222222222

                   JJJJJJJJJJ   8888888888   6666666666     00000000    8888888888                  AAAAAAAAAA
                   JJJJJJJJJJ  888888888888 666666666666   0000000000  888888888888                AAAAAAAAAAAA
                       JJ      88        88 66        66  00      0000 88        88                AA        AA
                       JJ      88        88 66            00     00 00 88        88                AA        AA
                       JJ       88      88  66            00    00  00  88      88                 AA        AA
                       JJ        88888888   66666666666   00   00   00   88888888                  AAAAAAAAAAAA
                       JJ        88888888   666666666666  00  00    00   88888888                  AAAAAAAAAAAA
                       JJ       88      88  66        66  00 00     00  88      88                 AA        AA
                 JJ    JJ      88        88 66        66  0000      00 88        88                AA        AA
                 JJ    JJ      88        88 66        66  000       00 88        88                AA        AA
                 JJJJJJJJ      888888888888 666666666666   0000000000  888888888888                AA        AA
                  JJJJJJ        8888888888   6666666666     00000000    8888888888                 AA        AA

*A START JOB 8608 PMOD72  0001 0001 NER     CONTAINER CORP       80001046.002  7.09.50 PM 10 FEB 82 PRINTER1 SYS NER1 START A*
*A START JOB 8608 PMOD72  0001 0001 NER     CONTAINER CORP       80001046.002  7.09.50 PM 10 FEB 82 PRINTER1 SYS NER1 START A*
*A START JOB 8608 PMOD72  0001 0001 NER     CONTAINER CORP       80001046.002  7.09.50 PM 10 FEB 82 PRINTER1 SYS NER1 START A*
*A START JOB 8608 PMOD72  0001 0001 NER     CONTAINER CORP       80001046.002  7.09.50 PM 10 FEB 82 PRINTER1 SYS NER1 START A*
*A START JOB 8608 PMOD72  0001 0001 NER     CONTAINER CORP       80001046.002  7.09.50 PM 10 FEB 82 PRINTER1 SYS NER1 START A*
*A START JOB 8608 PMOD72  0001 0001 NER     CONTAINER CORP       80001046.002  7.09.50 PM 10 FEB 82 PRINTER1 SYS NER1 START A*
*A START JOB 8608 PMOD72  0001 0001 NER     CONTAINER CORP       80001046.002  7.09.50 PM 10 FEB 82 PRINTER1 SYS NER1 START A*
*A START JOB 8608 PMOD72  0001 0001 NER     CONTAINER CORP       80001046.002  7.09.50 PM 10 FEB 82 PRINTER1 SYS NER1 START A*
*A START JOB 8608 PMOD72  0001 0001 NER     CONTAINER CORP       80001046.002  7.09.50 PM 10 FEB 82 PRINTER1 SYS NER1 START A*
*A START JOB 8608 PMOD72  0001 0001 NER     CONTAINER CORP       80001046.002  7.09.50 PM 10 FEB 82 PRINTER1 SYS NER1 START A*
*A START JOB 8608 PMOD72  0001 0001 NER     CONTAINER CORP       80001046.002  7.09.50 PM 10 FEB 82 PRINTER1 SYS NER1 START A*
*A START JOB 8608 PMOD72  0001 0001 NER     CONTAINER CORP       80001046.002  7.09.50 PM 10 FEB 82 PRINTER1 SYS NER1 START A*
*A START JOB 8608 PMOD72  0001 0001 NER     CONTAINER CORP       80001046.002  7.09.50 PM 10 FEB 82 PRINTER1 SYS NER1 START A*
*A START JOB 8608 PMOD72  0001 0001 NER     CONTAINER CORP       80001046.002  7.09.50 PM 10 FEB 82 PRINTER1 SYS NER1 START A*
*A START JOB 8608 PMOD72  0001 0001 NER     CONTAINER CORP       80001046.002  7.09.50 PM 10 FEB 82 PRINTER1 SYS NER1 START A*
*A START JOB 8608 PMOD72  0001 0001 NER     CONTAINER CORP       80001046.002  7.09.50 PM 10 FEB 82 PRINTER1 SYS NER1 START A*
*A START JOB 8608 PMOD72  0001 0001 NER     CONTAINER CORP       80001046.002  7.09.50 PM 10 FEB 82 PRINTER1 SYS NER1 START A*

                        *******************************************************************************
                        *                                                                             *
                        *        N.E.R.D.C. NEWS:   2/08/82  12:04:38                                 *
                        *                                                                             *
                        *        SEMINARS INTRODUCING THE NEW CMS AND VSAPL SYSTEMS WILL BE           *
                        *        OFFERED FEBRUARY 22 AND 23.  SEE MEMO 82033.03 FOR DETAILS           *
                        *        AND REGISTRATION INFORMATION.                      (LMCD)            *
                        *                                                                             *
                        *******************************************************************************
```

MODIFIED PART
MATTER
1972

```
PLANT NAME: CONTAINER CORP.              POLLUTANT: PART      EMISSION UNITS: GM/SEC    AIR QUALITY UNITS: GM/M**3
MODIFIED MILL

               MET FILE      REQUESTED
             STN NO. YR    STN NO. YR
 SURFACE      13889  72     13889  72
 UPPER AIR    13861  72     13861  72
PLANT LOCATION: RURAL
NO TAPE OUTPUT
MET DATA WILL NOT BE PRINTED

DAY--  1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
       1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
       1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
       1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
       1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
       1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
       1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
       1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1

 * * * * * * * * * * * * * * * * * * * *  N O T E  * * * * * * * * * * * * * * * * * * * *

         ALL TABLES, INCLUDING SOURCE CONTRIBUTION, THAT CONTAIN "ANNUAL" IN THE HEADING ARE BASED ONLY ON THOSE DAYS

         MARKED BY "1" IN THE ABOVE TABLE
```

```
     RING DISTANCES(KM)=   2.50   3.50  36.90  40.60  41.40

    STACK #   1--#4 POWER BOILER
    STACK #   2--#5 POWER BOILER
    STACK #   3--#4 RECOVERY BOILER
    STACK #   4--#4 SMELT
    STACK #   5--#5 RECOVERY BOILER
    STACK #   6--#5 SMELT
    STACK #   7--#2 LIME KILN
    STACK #   8--#3 LIME KILN
    STACK #   9--#7 POWER BOILER


     STACK    MONTH     EMISSION RATE       HEIGHT    DIAMETER  EXIT VELOCITY   TEMP      VOLUMETRIC FLOW
                         (GMS/SEC)         (METERS)   (METERS)     (M/SEC)     (DEG.K)      (M**3/SEC)
       1       ALL          9.6000           75.60      2.44        14.40       485.00          67.33
       2       ALL         17.3000           75.60      3.35        16.30       480.00         143.67
       3       ALL         17.2000           80.80      3.51        18.80       493.00         181.91
       4       ALL          3.6000           74.40      1.83         5.20       350.00          13.68
       5       ALL         10.5000           88.10      2.74        18.70       484.00         110.26
       6       ALL          1.7000           88.10      1.22        10.40       346.00          12.16
       7       ALL          2.2000           18.30      1.07        12.30       361.00          11.06
       8       ALL          2.5000           18.30      1.37        17.60       360.00          25.94
       9       ALL         12.9000          103.70      4.51        12.90       441.00         206.08
```

```
     PLANT NAME: CONTAINER CORP.            POLLUTANT: PART      EMISSION UNITS: GM/SEC     AIR QUALITY UNITS: GM/M**3

          MAXIMUM MEAN CONC=  1.5064E-06  DIRECTION=  6  DISTANCE=  2.5 KM

   YEAR= 72


                         ANNUAL MEAN CONCENTRATION AT EACH RECEPTOR
            RANGE      2.5 KM          3.5 KM          36.9 KM         40.6 KM         41.4 KM
   DIR
     1              5.53168E-07     4.55301E-07     7.69818E-08     7.02773E-08     6.89708E-08
     2              6.81398E-07     5.74902E-07     1.05655E-07     9.66479E-08     9.48885E-08
     3              6.81177E-07     5.59017E-07     8.40752E-08     7.66577E-08     7.52136E-08
     4              1.01736E-06     8.57220E-07     1.50413E-07     1.37404E-07     1.34959E-07
     5              1.09404E-06     9.05874E-07     1.40648E-07     1.28427E-07     1.26047E-07
     6              1.50642E-06     1.26510E-06     2.08793E-07     1.90738E-07     1.87219E-07
     7              8.92173E-07     7.17235E-07     9.38284E-08     8.53141E-08     8.36623E-08
     8              8.31576E-07     6.68959E-07     9.47889E-08     8.64071E-08     8.47744E-08
     9              8.67495E-07     7.09091E-07     1.03809E-07     9.51061E-08     9.33984E-08
    10              8.00661E-07     6.61984E-07     9.60438E-08     8.79823E-08     8.64148E-08
    11              7.71408E-07     6.38272E-07     9.85369E-08     9.01412E-08     8.85071E-08
    12              8.84525E-07     7.46444E-07     1.30272E-07     1.19719E-07     1.17652E-07
    13              8.55094E-07     7.00159E-07     1.04574E-07     9.52662E-08     9.34510E-08
    14              8.30574E-07     7.02072E-07     1.20533E-07     1.10499E-07     1.08538E-07
    15              5.84240E-07     4.94308E-07     8.64761E-08     7.98965E-08     7.86043E-08
    16              7.20087E-07     6.06856E-07     1.14728E-07     1.05350E-07     1.03508E-07
    17              7.07290E-07     5.74279E-07     8.92057E-08     8.13203E-08     7.97882E-08
    18              8.79453E-07     7.49082E-07     1.47903E-07     1.35378E-07     1.32925E-07
    19              6.61066E-07     5.64752E-07     1.07305E-07     9.85691E-08     9.68593E-08
    20              7.26603E-07     6.14485E-07     1.03432E-07     9.39339E-08     9.20899E-08
    21              6.80925E-07     5.66499E-07     7.86762E-08     7.09775E-08     6.94927E-08
    22              9.99652E-07     8.48416E-07     1.21804E-07     1.10049E-07     1.07782E-07
    23              9.98420E-07     8.39505E-07     1.09718E-07     9.88800E-08     9.67904E-08
    24              1.26431E-06     1.08673E-06     1.70444E-07     1.55154E-07     1.52191E-07
    25              9.96591E-07     8.15498E-07     1.05953E-07     9.59816E-08     9.40477E-08
    26              9.47689E-07     7.76023E-07     9.29643E-08     8.35191E-08     8.17018E-08
    27              8.35660E-07     6.82890E-07     8.98473E-08     8.13719E-08     7.97343E-08
    28              6.63627E-07     5.42017E-07     6.40155E-08     5.76801E-08     5.64549E-08
    29              6.20024E-07     5.08856E-07     7.17113E-08     6.50360E-08     6.37433E-08
    30              8.47711E-07     7.02211E-07     1.05906E-07     9.64363E-08     9.45950E-08
    31              8.30892E-07     7.01907E-07     1.20554E-07     1.09838E-07     1.07743E-07
    32              6.92706E-07     5.85178E-07     1.02787E-07     9.38602E-08     9.21188E-08
    33              4.36477E-07     3.63703E-07     6.08590E-08     5.57381E-08     5.47385E-08
    34              6.23546E-07     4.46125E-07     7.97505E-08     7.32710E-08     7.20004E-08
    35              4.74573E-07     3.86628E-07     6.05294E-08     5.54898E-08     5.45057E-08
    36              8.02860E-07     6.81969E-07     1.40779E-07     1.29293E-07     1.27033E-07
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                  PPPPPPPPPPPP    MM          MM  OOOOOOOOOOOO  DDDDDDDDDD      777777777777  3333333333
                 PPPPPPPPPPPPP   MMM         MMM OOOOOOOOOOOO  DDDDDDDDDDD     777777777777  333333333333
                PP         PP  MMMM       MMMM OO          OO DD         DD  77         77  33         33
               PP         PP  MM MM     MM MM OO          OO DD         DD            77             33
              PP         PP  MM  MM   MM  MM OO          OO DD         DD           77             33
             PPPPPPPPPPPP   MM    MM MM   MM OO          OO DD         DD          77          3333
            PPPPPPPPPPP    MM     MMM    MM OO          OO DD         DD          77          3333
           PP             MM            MM OO          OO DD         DD         77              33
          PP             MM            MM OO          OO DD         DD         77              33
         PP             MM            MM OO          OO DD         DD         77    33         33
        PP             MM            MM OOOOOOOOOOOO  DDDDDDDDDDD         77     333333333333
       PP             MM            MM OOOOOOOOOOOO  DDDDDDDDDD          77      3333333333

   JJJJJJJJJJ   8888888888     6666666666     2222222222     9999999999                    AAAAAAAAAA
   JJJJJJJJJJ  888888888888   666666666666   222222222222   999999999999                  AAAAAAAAAAAA
       JJ      88        88   66        66   22        22   99        99                  AA        AA
       JJ      88        88   66                       22   99        99                  AA        AA
       JJ      88        88   66                       22   99        99                  AA        AA
       JJ       8888888888    66666666666             22    999999999999                  AAAAAAAAAAAA
       JJ       8888888888    666666666666          22      999999999999                  AAAAAAAAAAAA
       JJ      88        88   66        66        22                  99                  AA        AA
 JJ    JJ      88        88   66        66      22                    99                  AA        AA
 JJ    JJ      88        88   66        66    22            99        99                  AA        AA
 JJJJJJJJ      888888888888   666666666666   222222222222   999999999999                  AA        AA
  JJJJJJ        8888888888     6666666666    222222222222    9999999999                   AA        AA

*A START JOB 8629 PMOD73   0001 0001 NER        CONTAINER CORP        80001046,002   7.12.25 PM 10 FEB 82 PRINTER1 SYS NER1 START   A*
*A START JOB 8629 PMOD73   0001 0001 NER        CONTAINER CORP        80001046,002   7.12.25 PM 10 FEB 82 PRINTER1 SYS NER1 START   A*
*A START JOB 8629 PMOD73   0001 0001 NER        CONTAINER CORP        80001046,002   7.12.25 PM 10 FEB 82 PRINTER1 SYS NER1 START   A*
*A START JOB 8629 PMOD73   0001 0001 NER        CONTAINER CORP        80001046,002   7.12.25 PM 10 FEB 82 PRINTER1 SYS NER1 START   A*
*A START JOB 8629 PMOD73   0001 0001 NER        CONTAINER CORP        80001046,002   7.12.25 PM 10 FEB 82 PRINTER1 SYS NER1 START   A*
*A START JOB 8629 PMOD73   0001 0001 NER        CONTAINER CORP        80001046,002   7.12.25 PM 10 FEB 82 PRINTER1 SYS NER1 START   A*
*A START JOB 8629 PMOD73   0001 0001 NER        CONTAINER CORP        80001046,002   7.12.25 PM 10 FEB 82 PRINTER1 SYS NER1 START   A*
*A START JOB 8629 PMOD73   0001 0001 NER        CONTAINER CORP        80001046,002   7.12.25 PM 10 FEB 82 PRINTER1 SYS NER1 START   A*
*A START JOB 8629 PMOD73   0001 0001 NER        CONTAINER CORP        80001046,002   7.12.25 PM 10 FEB 82 PRINTER1 SYS NER1 START   A*
*A START JOB 8629 PMOD73   0001 0001 NER        CONTAINER CORP        80001046,002   7.12.25 PM 10 FEB 82 PRINTER1 SYS NER1 START   A*
*A START JOB 8629 PMOD73   0001 0001 NER        CONTAINER CORP        80001046,002   7.12.25 PM 10 FEB 82 PRINTER1 SYS NER1 START   A*
*A START JOB 8629 PMOD73   0001 0001 NER        CONTAINER CORP        80001046,002   7.12.25 PM 10 FEB 82 PRINTER1 SYS NER1 START   A*
*A START JOB 8629 PMOD73   0001 0001 NER        CONTAINER CORP        80001046,002   7.12.25 PM 10 FEB 82 PRINTER1 SYS NER1 START   A*
*A START JOB 8629 PMOD73   0001 0001 NER        CONTAINER CORP        80001046,002   7.12.25 PM 10 FEB 82 PRINTER1 SYS NER1 START   A*
*A START JOB 8629 PMOD73   0001 0001 NER        CONTAINER CORP        80001046,002   7.12.25 PM 10 FEB 82 PRINTER1 SYS NER1 START   A*
*A START JOB 8629 PMOD73   0001 0001 NER        CONTAINER CORP        80001046,002   7.12.25 PM 10 FEB 82 PRINTER1 SYS NER1 START   A*
*A START JOB 8629 PMOD73   0001 0001 NER        CONTAINER CORP        80001046,002   7.12.25 PM 10 FEB 82 PRINTER1 SYS NER1 START   A*

                    ********************************************************************************
                    *                                                                              *
                    *           N.E.R.D.C. NEWS:    2/08/82   12:04:38                             *
                    *                                                                              *
                    *           SEMINARS INTRODUCING THE NEW CMS AND VSAPL SYSTEMS WILL BE         *
                    *           OFFERED FEBRUARY 22 AND 23.  SEE MEMO 82033.03 FOR DETAILS         *
                    *           AND REGISTRATION INFORMATION.                          (LMCD)      *
                    *                                                                              *
                    ********************************************************************************
```

MODIFIED PART
MATTER
1973

```
PLANT NAME: CONTAINER CORP.            POLLUTANT: PART       EMISSION UNITS: GM/SEC     AIR QUALITY UNITS: GM/M**3
MODIFIED MILL

              MET FILE      REQUESTED
            STN NO. YR    STN NO. YR
 SURFACE     13889  73     13889  73
 UPPER AIR   13861  73     13861  73
PLANT LOCATION: RURAL
NO TAPE OUTPUT
MET DATA WILL NOT BE PRINTED

DAY--  1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
       1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
       1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
       1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
       1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
       1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
       1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
       1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 0

  * * * * * * * * * * * * * * * * * * * * N O T E * * * * * * * * * * * * * * * * * * * *

       ALL TABLES, INCLUDING SOURCE CONTRIBUTION, THAT CONTAIN "ANNUAL" IN THE HEADING ARE BASED ONLY ON THOSE DAYS

       MARKED BY "1" IN THE ABOVE TABLE
```

```
RING DISTANCES(KM)=    2.50    3.50   36.90   40.60   41.40

STACK #   1--#4 POWER BOILER
STACK #   2--#5 POWER BOILER
STACK #   3--#4 RECOVERY BOILER
STACK #   4--#4 SMELT
STACK #   5--#5 RECOVERY BOILER
STACK #   6--#5 SMELT
STACK #   7--#2 LIME KILN
STACK #   8--#3 LIME KILN
STACK #   9--#7 POWER BOILER


 STACK     MONTH      EMISSION RATE          HEIGHT    DIAMETER  EXIT VELOCITY   TEMP       VOLUMETRIC FLOW
                       (GMS/SEC)            (METERS)   (METERS)     (M/SEC)     (DEG.K)       (M**3/SEC)

   1        ALL         9.6000               75.60       2.44        14.40       485.00          67.33
   2        ALL        17.3000               75.60       3.35        16.30       480.00         143.67
   3        ALL        17.2000               80.80       3.51        18.80       493.00         181.91
   4        ALL         3.6000               74.40       1.83         5.20       350.00          13.68
   5        ALL        10.5000               88.10       2.74        18.70       484.00         110.26
   6        ALL         1.7000               88.10       1.22        10.40       346.00          12.16
   7        ALL         2.2000               18.30       1.07        12.30       361.00          11.06
   8        ALL         2.5000               18.30       1.37        17.60       360.00          25.94
   9        ALL        12.9000              103.70       4.51        12.90       441.00         206.08
```

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     PLANT NAME: CONTAINER CORP.            POLLUTANT: PART      EMISSION UNITS: GM/SEC     AIR QUALITY UNITS: GM/M**3
          MAXIMUM MEAN CONC=  1.1273E-06  DIRECTION= 24  DISTANCE=  2.5 KM
 YEAR= 73

                             ANNUAL MEAN CONCENTRATION AT EACH RECEPTOR
          RANGE     2.5 KM              3.5 KM             36.9 KM            40.6 KM            41.4 KM
 DIR
   1             3.13710E-07        6.69084E-07        1.08675E-07        9.91230E-08        9.72597E-08
   2             3.05635E-07        6.61740E-07        1.03737E-07        9.44904E-08        9.26923E-08
   3             9.03641E-07        7.62996E-07        1.28616E-07        1.17553E-07        1.15387E-07
   4             9.50997E-07        8.09863E-07        1.36136E-07        1.24783E-07        1.22567E-07
   5             9.46982E-07        7.78620E-07        1.21718E-07        1.11129E-07        1.09066E-07
   6             1.05737E-06        8.60814E-07        1.24616E-07        1.13617E-07        1.11478E-07
   7             8.73559E-07        7.20875E-07        1.18379E-07        1.08773E-07        1.06886E-07
   8             5.88004E-07        5.65423E-07        8.57063E-08        7.86161E-08        7.72339E-08
   9             6.43190E-07        5.41853E-07        9.30060E-08        8.55189E-08        8.40593E-08
  10             6.76073E-07        5.72638E-07        1.02108E-07        9.41097E-08        9.25448E-08
  11             7.80620E-07        6.52749E-07        9.81269E-08        8.95328E-08        8.78598E-08
  12             8.00058E-07        6.76006E-07        1.06507E-07        9.76452E-08        9.59205E-08
  13             3.76715E-07        7.36048E-07        1.21390E-07        1.11216E-07        1.09227E-07
  14             7.73637E-07        6.54785E-07        1.11969E-07        1.02581E-07        1.00746E-07
  15             5.67531E-07        4.75549E-07        7.54997E-08        6.91359E-08        6.78970E-08
  16             6.55226E-07        5.57205E-07        1.04024E-07        9.52189E-08        9.34952E-08
  17             6.36500E-07        5.92049E-07        1.15009E-07        1.05640E-07        1.03803E-07
  18             7.60179E-07        6.54437E-07        1.23694E-07        1.13161E-07        1.11108E-07
  19             6.38702E-07        5.40454E-07        9.07185E-08        8.23651E-08        8.07424E-08
  20             6.31402E-07        5.44294E-07        9.49451E-08        8.69424E-08        8.53886E-08
  21             6.06432E-07        5.04038E-07        7.13918E-08        6.48045E-08        5.35312E-08
  22             9.07579E-07        7.64968E-07        1.07665E-07        9.70171E-08        9.49544E-08
  23             9.11115E-07        7.64305E-07        1.06768E-07        9.68683E-08        9.49502E-08
  24.            1.12731E-06        9.60748E-07        1.59932E-07        1.46001E-07        1.43282E-07
  25             1.11891E-06        9.20947E-07        1.36334E-07        1.23969E-07        1.21566E-07
  26             9.34466E-07        7.61559E-07        1.09513E-07        9.96966E-08        9.77939E-08
  27             7.39164E-07        5.83742E-07        6.57660E-08        5.93918E-08        5.81637E-08
  28             6.97922E-07        5.56522E-07        6.06418E-08        5.47467E-08        5.36103E-08
  29             7.95458E-07        6.56610E-07        9.25608E-08        8.43017E-08        8.26988E-08
  30             1.07553E-06        8.98769E-07        1.43110E-07        1.30435E-07        1.27974E-07
  31             1.03816E-06        8.62210E-07        1.32435E-07        1.20459E-07        1.18131E-07
  32             7.21758E-07        6.10579E-07        1.13635E-07        1.04036E-07        1.02156E-07
  33             4.98411E-07        4.25629E-07        7.35116E-08        7.20779E-08        7.08148E-08
  34             5.04243E-07        4.19291E-07        6.84575E-08        6.26370E-08        6.15022E-08
  35             6.40837E-07        5.24804E-07        7.50961E-08        6.82101E-08        6.68708E-08
  36             9.36083E-07        7.96405E-07        1.45302E-07        1.33201E-07        1.30833E-07
```

```
            PPPPPPPPPPP   MM         MM  000000000000  DDDDDDDDD       77777777777      444
           PPPPPPPPPPPP  MMM        MMM 000000000000  DDDDDDDDDD      77777777777      4444
          PP        PP  MMMM      MMMM 00        00  DD       DD   77        77      44 44
         PP        PP  MM MM    MM MM 00        00  DD       DD          77        44  44
        PP        PP  MM  MMMM  MM   00        00  DD       DD          77        44   44
       PPPPPPPPPPPP  MM    MM   MM  00        00  DD       DD          77        4444444444
      PPPPPPPPPPP   MM         MM  00        00  DD       DD          77       44444444444
     PP            MM        MM  00        00  DD       DD          77              44
    PP            MM        MM  00        00  DD       DD          77              44
   PP            MM        MM  00        00  DD       DD          77              44
  PP            MM        MM  000000000000  DDDDDDDDDD          77              44
 PP            MM        MM  000000000000  DDDDDDDDD           77              44

 JJJJJJJJJJ  8888888888   6666666666   555555555555 555555555555        AAAAAAAAAA
 JJJJJJJJJJ 888888888888 666666666666  555555555555 555555555555       AAAAAAAAAAAA
         JJ 88        88 66         66 55           55                 AA        AA
         JJ 88        88 66            55           55                 AA        AA
         JJ  88      88  66            55           55                 AA        AA
         JJ   88888888   6666666666    555555555    555555555          AAAAAAAAAAAA
         JJ   88888888   66666666666   5555555555   5555555555         AAAAAAAAAAAA
         JJ  88      88  66         66          55           55        AA        AA
 JJ      JJ 88        88 66         66          55           55        AA        AA
 JJ      JJ 88        88 66         66          55           55        AA        AA
 JJJJJJJJ   888888888888 666666666666  555555555555 555555555555       AA        AA
  JJJJJJ     8888888888   6666666666   55555555555  55555555555        AA        AA

*A START JOB 8655 PMOD74   0001 0001 NER    CONTAINER CORP    80001046.002   7.32.19 PM 10 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 8655 PMOD74   0001 0001 NER    CONTAINER CORP    80001046.002   7.32.19 PM 10 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 8655 PMOD74   0001 0001 NER    CONTAINER CORP    80001046.002   7.32.19 PM 10 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 8655 PMOD74   0001 0001 NER    CONTAINER CORP    80001046.002   7.32.19 PM 10 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 8655 PMOD74   0001 0001 NER    CONTAINER CORP    80001046.002   7.32.19 PM 10 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 8655 PMOD74   0001 0001 NER    CONTAINER CORP    80001046.002   7.32.19 PM 10 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 8655 PMOD74   0001 0001 NER    CONTAINER CORP    80001046.002   7.32.19 PM 10 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 8655 PMOD74   0001 0001 NER    CONTAINER CORP    80001046.002   7.32.19 PM 10 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 8655 PMOD74   0001 0001 NER    CONTAINER CORP    80001046.002   7.32.19 PM 10 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 8655 PMOD74   0001 0001 NER    CONTAINER CORP    80001046.002   7.32.19 PM 10 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 8655 PMOD74   0001 0001 NER    CONTAINER CORP    80001046.002   7.32.19 PM 10 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 8655 PMOD74   0001 0001 NER    CONTAINER CORP    80001046.002   7.32.19 PM 10 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 8655 PMOD74   0001 0001 NER    CONTAINER CORP    80001046.002   7.32.19 PM 10 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 8655 PMOD74   0001 0001 NER    CONTAINER CORP    80001046.002   7.32.19 PM 10 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 8655 PMOD74   0001 0001 NER    CONTAINER CORP    80001046.002   7.32.19 PM 10 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 8655 PMOD74   0001 0001 NER    CONTAINER CORP    80001046.002   7.32.19 PM 10 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 8655 PMOD74   0001 0001 NER    CONTAINER CORP    80001046.002   7.32.19 PM 10 FEB 82 PRINTER1 SYS NER1 START  A*

                    **************************************************************************
                    *                                                                        *
                    *          N.E.R.D.C. NEWS:    2/08/82   12:04:38                        *
                    *                                                                        *
                    *          SEMINARS INTRODUCING THE NEW CMS AND VSAPL SYSTEMS WILL BE    *
                    *          OFFERED FEBRUARY 22 AND 23.  SEE MEMO 82033.03 FOR DETAILS    *
                    *          AND REGISTRATION INFORMATION.                        (LMCD)   *
                    *                                                                        *
                    **************************************************************************
```

MODIFIED PART
MATTER
1974

```
PLANT NAME: CONTAINER CORP.          POLLUTANT: PART      EMISSION UNITS: GM/SEC    AIR QUALITY UNITS: GM/M**3
MODIFIED MILL

             MET FILE       REQUESTED
            STN NO. YR     STN NO. YR
 SURFACE     13889  74      13889  74
 UPPER AIR   13861  74      13861  74
PLANT LOCATION: RURAL
NO TAPE OUTPUT
MET DATA WILL NOT BE PRINTED

DAY-- 1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
      1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
      1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
      1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
      1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
      1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
      1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
      1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 0

 * * * * * * * * * * * * * * * * * * * * N O T E * * * * * * * * * * * * * * * * * * * *
     ALL TABLES, INCLUDING SOURCE CONTRIBUTION, THAT CONTAIN "ANNUAL" IN THE HEADING ARE BASED ONLY ON THOSE DAYS

     MARKED BY "1" IN THE ABOVE TABLE
```

```
  RING DISTANCES(KM)=   2.50   3.50   36.90  40.60  41.40

STACK #  1--#4 POWER BOILER
STACK #  2--#5 POWER BOILER
STACK #  3--#4 RECOVERY BOILER
STACK #  4--#4 SMELT
STACK #  5--#5 RECOVERY BOILER
STACK #  6--#5 SMELT
STACK #  7--#2 LIME KILN
STACK #  8--#3 LIME KILN
STACK #  9--#7 POWER BOILER


 STACK     MONTH     EMISSION RATE         HEIGHT    DIAMETER  EXIT VELOCITY   TEMP      VOLUMETRIC FLOW
                      (GMS/SEC)           (METERS)   (METERS)    (M/SEC)     (DEG.K)       (M**3/SEC)
    1       ALL         9.6000              75.60      2.44       14.40       485.00          67.33
    2       ALL        17.3000              75.60      3.35       16.30       480.00         143.67
    3       ALL        17.2000              80.80      3.51       18.80       493.00         181.91
    4       ALL         3.6000              74.40      1.83        5.20       350.00          13.68
    5       ALL        10.5000              88.10      2.74       18.70       484.00         110.26
    6       ALL         1.7000              88.10      1.22       10.40       346.00          12.16
    7       ALL         2.2000              18.30      1.07       12.30       361.00          11.06
    8       ALL         2.5000              18.30      1.37       17.60       360.00          25.94
    9       ALL        12.9000             103.70      4.51       12.90       441.00         206.08
```

```
PLANT NAME: CONTAINER CORP.          POLLUTANT: PART      EMISSION UNITS: GM/SEC    AIR QUALITY UNITS: GM/M**3
      MAXIMUM MEAN CONC=  1.1967E-06  DIRECTION= 31  DISTANCE=  2.5 KM
YEAR= 74

                         ANNUAL MEAN CONCENTRATION AT EACH RECEPTOR
           RANGE    2.5 KM         3.5 KM         35.9 KM        40.6 KM         41.4 KM
DIR
  1             9.26587E-07    7.77678E-07    1.34152E-07    1.22672E-07    1.20428E-07
  2             7.65189E-07    6.24485E-07    9.56029E-08    8.80238E-08    8.63504E-08
  3             9.92055E-07    8.20045E-07    1.37302E-07    1.25859E-07    1.23623E-07
  4             1.13313E-06    9.38524E-07    1.49048E-07    1.35453E-07    1.32805E-07
  5             1.00093E-06    8.45197E-07    1.39440E-07    1.27241E-07    1.24864E-07
  6             9.85767E-07    8.21701E-07    1.29461E-07    1.18278E-07    1.16098E-07
  7             9.21854E-07    7.68906E-07    1.26678E-07    1.15928E-07    1.13821E-07
  8             6.42780E-07    5.26930E-07    7.93988E-08    7.25140E-08    7.11682E-08
  9             6.73268E-07    5.59003E-07    8.84378E-08    8.07775E-08    7.92862E-08
 10             6.37249E-07    5.25874E-07    9.22187E-08    8.46373E-08    8.31495E-08
 11             7.87904E-07    6.66673E-07    1.19588E-07    1.09962E-07    1.08078E-07
 12             8.73485E-07    7.45811E-07    1.23377E-07    1.13460E-07    1.11523E-07
 13             9.25552E-07    7.84537E-07    1.34168E-07    1.23308E-07    1.21180E-07
 14             8.14702E-07    6.80841E-07    1.05965E-07    9.67523E-08    9.49515E-08
 15             6.07764E-07    4.96161E-07    7.50941E-08    6.99112E-08    6.87060E-08
 16             6.39444E-07    5.37630E-07    9.36051E-08    8.57656E-08    8.42306E-08
 17             5.09948E-07    4.25508E-07    7.09795E-08    6.51189E-08    6.39685E-08
 18             5.98853E-07    5.11956E-07    9.44425E-08    8.63792E-08    8.48060E-08
 19             5.96245E-07    5.04729E-07    8.47395E-08    7.76859E-08    7.63095E-08
 20             6.16396E-07    5.24014E-07    8.24490E-08    7.51307E-08    7.37094E-08
 21             5.86569E-07    4.88618E-07    6.49254E-08    5.87696E-08    5.75806E-08
 22             9.25449E-07    7.86870E-07    1.28224E-07    1.16887E-07    1.14681E-07
 23             9.87851E-07    8.58746E-07    1.50784E-07    1.38542E-07    1.36156E-07
 24             1.07300E-06    9.09095E-07    1.46936E-07    1.34706E-07    1.32319E-07
 25             1.07924E-06    8.90150E-07    1.28661E-07    1.17378E-07    1.15185E-07
 26             9.06897E-07    7.42965E-07    1.19345E-07    1.09637E-07    1.07742E-07
 27             6.76371E-07    5.24965E-07    5.83802E-08    5.29186E-08    5.18629E-08
 28             5.35432E-07    4.09376E-07    3.90343E-08    3.52019E-08    3.44645E-08
 29             5.92739E-07    4.56090E-07    4.54268E-08    4.10148E-08    4.01631E-08
 30             1.09197E-06    9.01285E-07    1.39446E-07    1.27570E-07    1.25256E-07
 31             1.19670E-05    1.01441E-06    1.71825E-07    1.57306E-07    1.54474E-07
 32             8.28385E-07    7.00616E-07    1.24543E-07    1.14383E-07    1.12398E-07
 33             5.74473E-07    4.81326E-07    8.75295E-08    8.02475E-08    7.88201E-08
 34             6.42292E-07    5.40483E-07    1.00815E-07    9.24763E-08    9.08455E-08
 35             6.35625E-07    5.23201E-07    7.89590E-08    7.20453E-08    7.07002E-08
 36             1.05230E-05    9.07440E-07    1.66800E-07    1.52868E-07    1.50141E-07
```

```
                     SSSSSSSSSS    000000000000    2222222222    MM        MM   000000000000   DDDDDDDDD
                   SSSSSSSSSSSS   000000000000   222222222222   MMM       MMM  000000000000   DDDDDDDDDD
                  SS        SS  00          00  22          22  MMMM    MMMM  00          00  DD       DD
                 SS            00          00             22  MM MM  MM MM  00          00  DD       DD
                SSS           00          00             22  MM  MMMM  MM  00          00  DD       DD
               SSSSSSSSS     00          00            22   MM    MM    MM 00          00  DD       DD
               SSSSSSSSS    00          00          22     MM          MM 00          00  DD       DD
                      SSS  00          00        22       MM          MM 00          00  DD       DD
                       SS 00          00      22         MM          MM 00          00  DD       DD
          SS          SS 00          00    22           MM          MM 00          00  DD       DD
         SSSSSSSSSSSS  000000000000   222222222222   MM          MM  000000000000  DDDDDDDDDD
         SSSSSSSSSS   000000000000   222222222222   MM          MM  000000000000  DDDDDDDDD

         JJJJJJJJJJ         444       9999999999   777777777777   6666666666          AAAAAAAAAA
         JJJJJJJJJJ        4444      999999999999  77777777777   666666666666        AAAAAAAAAAAA
                 JJ       44 44      99        99  77        77  66        66        AA        AA
                 JJ      44  44      99        99           77   66                  AA        AA
                 JJ     44   44      99        99          77    66                  AA        AA
                 JJ    444444444444  999999999999         77     66666666666         AAAAAAAAAAAA
                 JJ    444444444444  999999999999         77     666666666666        AAAAAAAAAAAA
                 JJ          44                99         77     66        66        AA        AA
          JJ     JJ          44                99         77     66        66        AA        AA
          JJ     JJ          44      99        99         77     66        66        AA        AA
          JJJJJJJJ           44      999999999999         77     666666666666        AA        AA
           JJJJJJ            44       9999999999          77      6666666666         AA        AA

*A START JOB 4976 SO2MOD   0001 0001 NER     CONTAINER CORP     80001046.002   7.03.32 PM 09 FEB 82 PRINTER1 SYS NER1 START   A*
*A START JOB 4976 SO2MOD   0001 0001 NER     CONTAINER CORP     80001046.002   7.03.32 PM 09 FEB 82 PRINTER1 SYS NER1 START   A*
*A START JOB 4976 SO2MOD   0001 0001 NER     CONTAINER CORP     80001046.002   7.03.32 PM 09 FEB 82 PRINTER1 SYS NER1 START   A*
*A START JOB 4976 SO2MOD   0001 0001 NER     CONTAINER CORP     80001046.002   7.03.32 PM 09 FEB 82 PRINTER1 SYS NER1 START   A*
*A START JOB 4976 SO2MOD   0001 0001 NER     CONTAINER CORP     80001046.002   7.03.32 PM 09 FEB 82 PRINTER1 SYS NER1 START   A*
*A START JOB 4976 SO2MOD   0001 0001 NER     CONTAINER CORP     80001046.002   7.03.32 PM 09 FEB 82 PRINTER1 SYS NER1 START   A*
*A START JOB 4976 SO2MOD   0001 0001 NER     CONTAINER CORP     80001046.002   7.03.32 PM 09 FEB 82 PRINTER1 SYS NER1 START   A*
*A START JOB 4976 SO2MOD   0001 0001 NER     CONTAINER CORP     80001046.002   7.03.32 PM 09 FEB 82 PRINTER1 SYS NER1 START   A*
*A START JOB 4976 SO2MOD   0001 0001 NER     CONTAINER CORP     80001046.002   7.03.32 PM 09 FEB 82 PRINTER1 SYS NER1 START   A*
*A START JOB 4976 SO2MOD   0001 0001 NER     CONTAINER CORP     80001046.002   7.03.32 PM 09 FEB 82 PRINTER1 SYS NER1 START   A*
*A START JOB 4976 SO2MOD   0001 0001 NER     CONTAINER CORP     80001045.002   7.03.32 PM 09 FEB 82 PRINTER1 SYS NER1 START   A*
*A START JOB 4976 SO2MOD   0001 0001 NER     CONTAINER CORP     80001046.002   7.03.32 PM 09 FEB 82 PRINTER1 SYS NER1 START   A*
*A START JOB 4976 SO2MOD   0001 0001 NER     CONTAINER CORP     80001045.002   7.03.32 PM 09 FEB 82 PRINTER1 SYS NER1 START   A*
*A START JOB 4976 SO2MOD   0001 0001 NER     CONTAINER CORP     80001046.002   7.03.32 PM 09 FEB 82 PRINTER1 SYS NER1 START   A*
*A START JOB 4976 SO2MOD   0001 0001 NER     CONTAINER CORP     80001045.002   7.03.32 PM 09 FEB 82 PRINTER1 SYS NER1 START   A*
*A START JOB 4976 SO2MOD   0001 0001 NER     CONTAINER CORP     80001046.002   7.03.32 PM 09 FEB 82 PRINTER1 SYS NER1 START   A*
*A START JOB 4976 SO2MOD   0001 0001 NER     CONTAINER CORP     80001046.002   7.03.32 PM 09 FEB 82 PRINTER1 SYS NER1 START   A*

            ****************************************************************************************
            *                                                                                      *
            *          N.E.R.D.C. NEWS:    2/08/82   12:04:38                                      *
            *                                                                                      *
            *          SEMINARS INTRODUCING THE NEW CMS AND VSAPL SYSTEMS WILL BE                  *
            *          OFFERED FEBRUARY 22 AND 23.  SEE MEMO 82033.03 FOR DETAILS                  *
            *          AND REGISTRATION INFORMATION.                            (LMCD)             *
            *                                                                                      *
            ****************************************************************************************
```

Modified SO2
1970

```
PLANT NAME: CONTAINER CORP.          POLLUTANT: SO2       EMISSION UNITS: GM/SEC    AIR QUALITY UNITS: GM/M**3
MODIFIED MILL

              MET FILE     REQUESTED
             STN NO. YR   STN NO. YR
 SURFACE      13889  70    13889  70
 UPPER AIR    13861  70    13861  70
PLANT LOCATION: RURAL
NO TAPE OUTPUT
MET DATA WILL NOT BE PRINTED

DAY-- 1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
      1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
      1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
      1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
      1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
      1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
      1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
      1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 0

 * * * * * * * * * * * * * * * * * * * *  N O T E  * * * * * * * * * * * * * * * * * * * *
             ALL TABLES, INCLUDING SOURCE CONTRIBUTION, THAT CONTAIN "ANNUAL" IN THE HEADING ARE BASED ONLY ON THOSE DAYS

             MARKED BY "1" IN THE ABOVE TABLE
```

```
  RING DISTANCES(KM)=   2.00    2.50    3.00    3.50   63.30

STACK #  1--#4 POWER BOILER
STACK #  2--#5 POWER BOILER
STACK #  3--#4 RECOVERY BOILER
STACK #  4--#5 RECOVERY BOILER
STACK #  5--#7 POWER BOILER


  STACK     MONTH      EMISSION RATE          HEIGHT    DIAMETER  EXIT VELOCITY   TEMP      VOLUMETRIC FLOW
                         (GMS/SEC)           (METERS)   (METERS)     (M/SEC)     (DEG.K)      (M**3/SEC)
     1       ALL        129.7000               75.60      2.44        14.40       485.00         67.33
     2       ALL        273.6001               75.60      3.35        16.30       480.00        143.67
     3       ALL         35.1000               80.80      3.51        18.80       493.00        181.91
     4       ALL         35.3000               88.10      2.74        18.70       484.00        110.26
     5       ALL        154.4000              103.70      4.51        12.90       441.00        206.08
```

```
     PLANT NAME: CONTAINER CORP.              POLLUTANT: SO2       EMISSION UNITS: GM/SEC     AIR QUALITY UNITS: GM/M**3

           MAXIMUM MEAN CONC=  6.2677E-06  DIRECTION= 31  DISTANCE=  2.5 KM

    YEAR= 70


                                ANNUAL MEAN CONCENTRATION AT EACH RECEPTOR
          RANGE     2.0 KM          2.5 KM          3.0 KM          3.5 KM          63.3 KM
    DIR
     1           1.96045E-06     2.06096E-06     2.08467E-06     2.06432E-06     3.26455E-07
     2           2.18495E-06     2.27606E-06     2.28814E-06     2.25912E-06     3.39876E-07
     3           2.72608E-06     2.79105E-06     2.75459E-06     2.67907E-06     4.38265E-07
     4           4.29663E-06     4.47381E-06     4.48722E-05     4.42063E-06     5.41951E-07
     5           5.78446E-06     6.02516E-06     6.02045E-05     5.89421E-06     8.42478E-07
     6           4.85214E-06     4.90707E-06     4.77343E-06     4.57443E-06     5.38322E-07
     7           3.75020E-06     3.72337E-06     3.35279E-05     3.34720E-06     4.46705E-07
     8           3.48611E-06     3.48322E-06     3.33127E-06     3.14022E-06     4.16148E-07
     9           3.53274E-06     3.77200E-06     3.32241E-06     3.77277E-06     6.03367E-07
    10           2.51449E-06     2.64684E-06     2.65779E-06     2.60376E-06     4.57387E-07
    11           1.98393E-06     2.21992E-06     2.35062E-06     2.39931E-06     4.47822E-07
    12           1.63752E-06     1.79266E-06     1.85560E-05     1.86316E-06     4.58067E-07
    13           1.59368E-06     1.75265E-06     1.31987E-06     1.83154E-06     4.54398E-07
    14           1.62909E-06     1.76303E-06     1.30636E-06     1.80186E-06     4.76588E-07
    15           1.50041E-06     1.57737E-06     1.57108E-05     1.53279E-06     3.36121E-07
    16           1.30663E-06     1.41034E-06     1.42680E-05     1.40341E-06     2.83008E-07
    17           1.12122E-06     1.20470E-06     1.23624E-06     1.23626E-06     2.62006E-07
    18           1.42760E-06     1.57635E-06     1.57060E-06     1.72766E-06     4.40498E-07
    19           1.18007E-05     1.18705E-06     1.14432E-05     1.08528E-06     1.43976E-07
    20           1.12637E-06     1.17191E-06     1.17011E-06     1.14474E-06     2.00470E-07
    21           1.08709E-06     1.18836E-06     1.22406E-06     1.22002E-06     2.25827E-07
    22           1.22904E-06     1.39628E-06     1.48507E-06     1.51393E-06     2.46321E-07
    23           1.30023E-06     1.49896E-06     1.51974E-05     1.66964E-06     2.34249E-07
    24           1.40560E-05     1.64198E-06     1.78572E-06     1.84720E-06     2.62130E-07
    25           1.84302E-06     2.09147E-06     2.22768E-06     2.27709E-06     3.82812E-07
    26           2.20401E-06     2.33549E-06     2.36029E-06     2.32498E-06     3.00100E-07
    27           3.53218E-06     3.77247E-06     3.82210E-06     3.76876E-06     5.26088E-07
    28           3.08854E-06     3.12345E-06     2.99912E-05     2.81973E-06     2.33558E-07
    29           3.48901E-06     3.55567E-06     3.45077E-06     3.28110E-06     3.52796E-07
    30           4.99896E-06     5.17970E-06     5.12040E-06     4.94400E-06     4.79647E-07
    31           6.09676E-06     6.26774E-06     6.14608E-05     5.89143E-06     5.17681E-07
    32           5.71076E-06     5.87922E-06     5.76758E-06     5.53195E-06     5.65225E-07
    33           3.34425E-06     3.29341E-06     3.14292E-06     2.97084E-06     4.29057E-07
    34           2.47070E-06     2.46797E-06     2.38424E-06     2.28127E-06     4.12304E-07
    35           2.15123E-06     2.18686E-06     2.12690E-05     2.03448E-06     3.45844E-07
    36           2.15148E-06     2.30266E-06     2.37919E-06     2.41063E-06     5.46801E-07
```

```
                  SSSSSSSSSS    MM          MM   000000000000   DDDDDDDDD         777777777777      11
                 SSSSSSSSSSSS  MMM         MMM  000000000000   DDDDDDDDDD        777777777777      111
                SS         SS  MMMM      MMMM  00         00  DD        DD      77         77     1111
               SS             MM MM    MM MM  00         00  DD        DD               77        11
              SSS            MM  MMMM  MM   00         00  DD        DD               77         11
              SSSSSSSSS     MM    MM  MM   00         00  DD        DD              77          11
              SSSSSSSSS    MM        MM  00         00  DD        DD              77          11
                     SSS  MM        MM  00         00  DD        DD              77          11
                      SS MM        MM  00         00  DD        DD              77          11
          SS         SS MM        MM  00         00  DD        DD              77          11
         SSSSSSSSSSSS  MM        MM  000000000000  DDDDDDDDDD              77       1111111111
         SSSSSSSSSS   MM        MM  000000000000  DDDDDDDDD              77       1111111111

            JJJJJJJJJJ   8888888888    555555555555    6666666666        444                AAAAAAAAAA
            JJJJJJJJJJ  888888888888  555555555555   666666666666       4444               AAAAAAAAAAAA
                    JJ  88        88  55             66          66   44 44               AA        AA
                    JJ  88        88  55             66              44  44               AA        AA
                    JJ   88      88   55             66            44   44               AA        AA
                    JJ    88888888    555555555      66666666666  4444444444             AAAAAAAAAAAA
                    JJ    88888888    5555555555     666666666666 44444444444            AAAAAAAAAAAA
                    JJ   88      88            55    66          66      44              AA        AA
           JJ       JJ  88        88           55    66          66      44              AA        AA
           JJ       JJ  88        88           55    66          66      44              AA        AA
           JJJJJJJJJ    888888888888  555555555555   666666666666        44              AA        AA
             JJJJJJ      8888888888    55555555555    6666666666         44              AA        AA

*A START JOB 8564 SMOD71   0001 0001 NER      CONTAINER CORP      80001046.002   7.08.48 PM 10 FEB 82 PRINTER1 SYS NER1 START   A*
*A START JOB 8564 SMOD71   0001 0001 NER      CONTAINER CORP      80001046.002   7.08.48 PM 10 FEB 82 PRINTER1 SYS NER1 START   A*
*A START JOB 8564 SMOD71   0001 0001 NER      CONTAINER CORP      80001046.002   7.08.48 PM 10 FEB 82 PRINTER1 SYS NER1 START   A*
*A START JOB 8564 SMOD71   0001 0001 NER      CONTAINER CORP      80001046.002   7.08.48 PM 10 FEB 82 PRINTER1 SYS NER1 START   A*
*A START JOB 8564 SMOD71   0001 0001 NER      CONTAINER CORP      80001046.002   7.08.48 PM 10 FEB 82 PRINTER1 SYS NER1 START   A*
*A START JOB 8564 SMOD71   0001 0001 NER      CONTAINER CORP      80001046.002   7.08.48 PM 10 FEB 82 PRINTER1 SYS NER1 START   A*
*A START JOB 8564 SMOD71   0001 0001 NER      CONTAINER CORP      80001046.002   7.08.48 PM 10 FEB 82 PRINTER1 SYS NER1 START   A*
*A START JOB 8564 SMOD71   0001 0001 NER      CONTAINER CORP      80001046.002   7.08.48 PM 10 FEB 82 PRINTER1 SYS NER1 START   A*
*A START JOB 8564 SMOD71   0001 0001 NER      CONTAINER CORP      80001046.002   7.08.48 PM 10 FEB 82 PRINTER1 SYS NER1 START   A*
*A START JOB 8564 SMOD71   0001 0001 NER      CONTAINER CORP      80001046.002   7.08.48 PM 10 FEB 82 PRINTER1 SYS NER1 START   A*
*A START JOB 8564 SMOD71   0001 0001 NER      CONTAINER CORP      80001046.002   7.08.48 PM 10 FEB 82 PRINTER1 SYS NER1 START   A*
*A START JOB 8564 SMOD71   0001 0001 NER      CONTAINER CORP      80001046.002   7.08.48 PM 10 FEB 82 PRINTER1 SYS NER1 START   A*
*A START JOB 8564 SMOD71   0001 0001 NER      CONTAINER CORP      80001046.002   7.08.48 PM 10 FEB 82 PRINTER1 SYS NER1 START   A*
*A START JOB 8564 SMOD71   0001 0001 NER      CONTAINER CORP      80001046.002   7.08.48 PM 10 FEB 82 PRINTER1 SYS NER1 START   A*
*A START JOB 8564 SMOD71   0001 0001 NER      CONTAINER CORP      80001046.002   7.08.48 PM 10 FEB 82 PRINTER1 SYS NER1 START   A*
*A START JOB 8564 SMOD71   0001 0001 NER      CONTAINER CORP      80001046.002   7.08.48 PM 10 FEB 82 PRINTER1 SYS NER1 START   A*
*A START JOB 8564 SMOD71   0001 0001 NER      CONTAINER CORP      80001046.002   7.08.48 PM 10 FEB 82 PRINTER1 SYS NER1 START   A*

              ****************************************************************************
              *                                                                          *
              *          N.E.R.D.C. NEWS:    2/08/82   12:04:38                          *
              *                                                                          *
              *          SEMINARS INTRODUCING THE NEW CMS AND VSAPL SYSTEMS WILL BE      *
              *          OFFERED FEBRUARY 22 AND 23.  SEE MEMO 82033.03 FOR DETAILS      *
              *          AND REGISTRATION INFORMATION.                         (LMCD)    *
              *                                                                          *
              ****************************************************************************
```

Modified SO2

1971

```
PLANT NAME: CONTAINER CORP.              POLLUTANT: SO2       EMISSION UNITS: GM/SEC    AIR QUALITY UNITS: GM/M**3
MODIFIED MILL

              MET FILE      REQUESTED
             STN NO. YR    STN NO. YR
 SURFACE      13889  71     13889  71
 UPPER AIR    13861  71     13861  71
PLANT LOCATION: RURAL
NO TAPE OUTPUT
MET DATA WILL NOT BE PRINTED

DAY--  1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
       1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
       1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
       1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
       1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
       1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
       1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
       1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 0


 * * * * * * * * * * * * * * * * * * * *  N O T E  * * * * * * * * * * * * * * * * * * * *

           ALL TABLES, INCLUDING SOURCE CONTRIBUTION, THAT CONTAIN "ANNUAL" IN THE HEADING ARE BASED ONLY ON THOSE DAYS

           MARKED BY "1" IN THE ABOVE TABLE
```

```
  RING DISTANCES(KM)=   2.00    2.50    3.00    3.50  63.30

STACK #  1--#4 POWER BOILER
STACK #  2--#5 POWER BOILER
STACK #  3--#4 RECOVERY BOILER
STACK #  4--#5 RECOVERY BOILER
STACK #  5--#7 POWER BOILER


 STACK      MONTH      EMISSION RATE          HEIGHT    DIAMETER  EXIT VELOCITY   TEMP     VOLUMETRIC FLOW
                        (GMS/SEC)            (METERS)   (METERS)     (M/SEC)    (DEG.K)      (M**3/SEC)

   1         ALL       128.7000                75.60      2.44        14.40      485.00         67.33
   2         ALL       273.6001                75.60      3.35        16.30      480.00        143.67
   3         ALL        35.1000                80.80      3.51        18.80      493.00        181.91
   4         ALL        35.3000                88.10      2.74        18.70      484.00        110.26
   5         ALL       154.4000               103.70      4.51        12.90      441.00        206.08
```

```
   PLANT NAME: CONTAINER CORP.           POLLUTANT: SO2       EMISSION UNITS: GM/SEC     AIR QUALITY UNITS: GM/M**3

         MAXIMUM MEAN CONC=  5.1501E-06  DIRECTION=  6  DISTANCE=  2.5 KM

 YEAR= 71


                             ANNUAL MEAN CONCENTRATION AT EACH RECEPTOR
          RANGE     2.0 KM          2.5 KM          3.0 KM           3.5 KM          63.3 KM
 DIR
   1             1.99016E-06     2.09601E-06     2.08752E-06     2.02652E-06     3.16069E-07
   2             2.02453E-06     2.13528E-06     2.12333E-06     2.06019E-06     4.57608E-07
   3             2.01446E-06     2.11066E-06     2.09029E-06     2.01928E-06     3.46937E-07
   4             2.59698E-06     2.73452E-06     2.73190E-06     2.66682E-06     5.14536E-07
   5             3.68319E-06     3.85367E-06     3.80954E-06     3.67282E-06     6.53250E-07
   6             4.94407E-06     5.15006E-06     5.07603E-06     4.88651E-06     8.32864E-07
   7             4.61395E-06     4.62591E-06     4.42214E-06     4.15309E-06     5.86555E-07
   8             4.47650E-06     4.41033E-06     4.18004E-06     3.91246E-06     5.55692E-07
   9             4.74318E-06     4.67528E-06     4.43429E-06     4.14592E-06     5.77794E-07
  10             4.28641E-06     4.28533E-06     4.09173E-06     3.83246E-06     4.47557E-07
  11             3.51312E-06     3.47635E-06     3.30383E-06     3.08798E-06     4.38585E-07
  12             3.67842E-06     3.67175E-06     3.52390E-06     3.32817E-06     5.38793E-07
  13             3.62537E-06     3.66393E-06     3.52643E-06     3.32191E-06     3.86193E-07
  14             3.09999E-06     3.12425E-06     3.00505E-06     2.83760E-06     3.97935E-07
  15             2.11069E-06     2.00578E-06     1.85396E-05     1.70816E-06     2.24290E-07
  16             1.73752E-06     1.71128E-06     1.66168E-06     1.61114E-06     3.20969E-07
  17             1.81330E-06     1.84185E-06     1.79720E-06     1.72887E-06     3.65023E-07
  18             1.93297E-06     2.08783E-06     2.12564E-06     2.11077E-06     5.79394E-07
  19             1.46164E-06     1.59504E-06     1.55885E-06     1.67762E-06     3.35077E-07
  20             1.58652E-06     1.75388E-06     1.84707E-06     1.87873E-06     2.96791E-07
  21             1.91538E-06     2.14648E-06     2.25445E-06     2.27307E-06     2.89993E-07
  22             2.26649E-06     2.62461E-06     2.31842E-06     2.88455E-06     4.03887E-07
  23             1.91261E-06     2.12106E-06     2.21804E-06     2.23841E-06     3.46544E-07
  24             2.39692E-06     2.65141E-06     2.73833E-06     2.73164E-06     6.27214E-07
  25             2.58745E-06     2.72014E-06     2.69537E-06     2.60344E-06     3.95806E-07
  26             3.18916E-06     3.28470E-06     3.20078E-06     3.04862E-06     3.83309E-07
  27             2.82925E-06     2.78525E-06     2.60822E-06     2.40649E-06     2.98842E-07
  28             2.90795E-06     2.92046E-06     2.76749E-06     2.56863E-06     2.39312E-07
  29             2.64896E-06     2.62755E-06     2.46029E-06     2.25618E-06     1.59510E-07
  30             3.07184E-06     3.14889E-06     3.07974E-06     2.95463E-06     3.59686E-07
  31             3.42096E-06     3.50841E-06     3.44575E-06     3.32174E-06     5.62925E-07
  32             2.85920E-05     2.84818E-06     2.74180E-06     2.60738E-06     4.11477E-07
  33             2.00226E-06     1.95944E-06     1.86751E-06     1.76490E-06     3.50911E-07
  34             1.93984E-06     1.99263E-06     1.96884E-06     1.90889E-06     3.80690E-07
  35             1.81121E-06     1.86114E-06     1.81804E-06     1.73489E-06     2.35671E-07
  36             2.13494E-06     2.29106E-06     2.34074E-06     2.32976E-06     5.16366E-07
```

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                                    SSSSSSSSSS   MM        MM  OOOOOOOOOOOO  DDDDDDDDD     777777777777   2222222222
                                  SSSSSSSSSSSS  MMM      MMM  OOOOOOOOOOOO  DDDDDDDDDD    77777777777   222222222222
                                 SS        SS  MMMM    MMMM  OO        OO  DD       DD   77      77    22        22
                                SS            MM MM  MM MM  OO        OO  DD       DD          77               22
                               SSS           MM  MMMM MM   OO        OO  DD       DD        77                22
                               SSSSSSSSS    MM   MM   MM  OO        OO  DD       DD        77                22
                               SSSSSSSSS   MM        MM  OO        OO  DD       DD        77              22
                                     SSS  MM        MM  OO        OO  DD       DD        77            22
                                     SS  MM        MM  OO        OO  DD       DD        77          22
                          SS        SS  MM        MM  OO        OO  DD       DD        77        22
                         SSSSSSSSSSSS  MM        MM OOOOOOOOOOOO   DDDDDDDDDD         77       222222222222
                         SSSSSSSSSS   MM        MM  OOOOOOOOOOOO  DDDDDDDDD          77       222222222222

                    JJJJJJJJJJ  8888888888    6666666666        11         00000000                   AAAAAAAAAA
                    JJJJJJJJJJ 888888888888  666666666666      111        0000000000                 AAAAAAAAAAAA
                       JJ      88        88  66        66     1111       00     0000                 AA        AA
                       JJ      88        88  66                 11       00     00 00                AA        AA
                       JJ       88      88   66                 11       00    00  00                AA        AA
                       JJ        88888888    66666666666        11       00   00   00                AAAAAAAAAAAA
                       JJ        88888888    666666666666       11       00  00    00                AAAAAAAAAAAA
                       JJ       88      88   66        66       11       00 00     00                AA        AA
                 JJ    JJ      88        88  66        66       11       0000      00                AA        AA
                 JJ    JJ      88        88  66        66       11       000       00                AA        AA
                 JJJJJJJJ      888888888888  666666666666   1111111111    0000000000                 AA        AA
                  JJJJJJ        8888888888    6666666666    1111111111     00000000                  AA        AA

*A START JOB 8610 SMOD72  0001 0001 NER      CONTAINER CORP       80001046.002   7.10.53 PM 10 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 8610 SMOD72  0001 0001 NER      CONTAINER CORP       80001046.002   7.10.53 PM 10 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 8610 SMOD72  0001 0001 NER      CONTAINER CORP       80001046.002   7.10.53 PM 10 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 8610 SMOD72  0001 0001 NER      CONTAINER CORP       80001046.002   7.10.53 PM 10 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 8610 SMOD72  0001 0001 NER      CONTAINER CORP       80001046.002   7.10.53 PM 10 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 8610 SMOD72  0001 0001 NER      CONTAINER CORP       80001046.002   7.10.53 PM 10 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 8610 SMOD72  0001 0001 NER      CONTAINER CORP       80001046.002   7.10.53 PM 10 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 8610 SMOD72  0001 0001 NER      CONTAINER CORP       80001046.002   7.10.53 PM 10 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 8610 SMOD72  0001 0001 NER      CONTAINER CORP       80001046.002   7.10.53 PM 10 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 8610 SMOD72  0001 0001 NER      CONTAINER CORP       80001046.002   7.10.53 PM 10 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 8610 SMOD72  0001 0001 NER      CONTAINER CORP       80001046.002   7.10.53 PM 10 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 8610 SMOD72  0001 0001 NER      CONTAINER CORP       80001046.002   7.10.53 PM 10 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 8610 SMOD72  0001 0001 NER      CONTAINER CORP       80001046.002   7.10.53 PM 10 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 8610 SMOD72  0001 0001 NER      CONTAINER CORP       80001046.002   7.10.53 PM 10 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 8610 SMOD72  0001 0001 NER      CONTAINER CORP       80001046.002   7.10.53 PM 10 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 8610 SMOD72  0001 0001 NER      CONTAINER CORP       80001046.002   7.10.53 PM 10 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 8610 SMOD72  0001 0001 NER      CONTAINER CORP       80001046.002   7.10.53 PM 10 FEB 82 PRINTER1 SYS NER1 START  A*

                        *********************************************************************************
                        *                                                                               *
                        *         N.E.R.D.C. NEWS:   2/08/82  12:04:38                                  *
                        *                                                                               *
                        *         SEMINARS INTRODUCING THE NEW CMS AND VSAPL SYSTEMS WILL BE            *
                        *         OFFERED FEBRUARY 22 AND 23.  SEE MEMO 82033.03 FOR DETAILS            *
                        *         AND REGISTRATION INFORMATION.                       (LMCD)            *
                        *                                                                               *
                        *********************************************************************************
```

MODIFIED SO2
1972

```
PLANT NAME: CONTAINER CORP.            POLLUTANT: SO2       EMISSION UNITS: GM/SEC    AIR QUALITY UNITS: GM/M**3
MODIFIED MILL

                 MET FILE       REQUESTED
               STN NO. YR     STN NO. YR
 SURFACE        13889  72      13889  72
 UPPER AIR      13861  72      13861  72
PLANT LOCATION: RURAL
NO TAPE OUTPUT
MET DATA WILL NOT BE PRINTED

DAY-- 1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
      1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
      1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
      1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
      1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
      1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
      1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
      1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1

  * * * * * * * * * * * * * * * * * * * *  N O T E  * * * * * * * * * * * * * * * * * * * *
          ALL TABLES, INCLUDING SOURCE CONTRIBUTION, THAT CONTAIN "ANNUAL" IN THE HEADING ARE BASED ONLY ON THOSE DAYS

          MARKED BY "1" IN THE ABOVE TABLE
```

```
    RING DISTANCES(KM)=    2.00    2.50    3.00    3.50   63.30

  STACK #   1--#4 POWER BOILER
  STACK #   2--#5 POWER BOILER
  STACK #   3--#4 RECOVERY BOILER
  STACK #   4--#5 RECOVERY BOILER
  STACK #   5--#7 POWER BOILER


   STACK     MONTH      EMISSION RATE          HEIGHT   DIAMETER  EXIT VELOCITY   TEMP      VOLUMETRIC FLOW
                         (GMS/SEC)            (METERS)  (METERS)     (M/SEC)     (DEG.K)      (M**3/SEC)
     1        ALL        128.7000              75.60      2.44        14.40      485.00          67.33
     2        ALL        273.6001              75.60      3.35        16.30      480.00         143.67
     3        ALL         35.1000              80.80      3.51        18.80      493.00         181.91
     4        ALL         35.3000              88.10      2.74        18.70      484.00         110.26
     5        ALL        154.4000             103.70      4.51        12.90      441.00         206.08
```

```
    PLANT NAME: CONTAINER CORP.          POLLUTANT: SO2       EMISSION UNITS: GM/SEC    AIR QUALITY UNITS: GM/M**3

         MAXIMUM MEAN CONC=  5.1040E-06  DIRECTION=  6  DISTANCE=  2.5 KM
  YEAR= 72


                         ANNUAL MEAN CONCENTRATION AT EACH RECEPTOR
            RANGE     2.0 KM          2.5 KM          3.0 KM          3.5 KM          63.3 KM
  DIR
    1             1.51264E-06     1.51145E-06     1.47465E-06     1.42911E-06     3.07539E-07
    2             1.73291E-06     1.77265E-06     1.76119E-06     1.73097E-06     4.26056E-07
    3             2.25754E-06     2.31451E-06     2.27463E-06     2.19443E-06     3.49255E-07
    4             2.91560E-06     3.03457E-06     3.03116E-06     2.97054E-06     6.21878E-07
    5             3.68704E-06     3.76852E-06     3.69219E-06     3.55091E-06     5.71325E-07
    6             4.87017E-06     5.10403E-06     5.07353E-06     4.92405E-06     8.57273E-07
    7             3.61465E-06     3.60658E-06     3.43812E-06     3.22014E-06     3.69967E-07
    8             3.38383E-06     3.33972E-06     3.17123E-06     2.97026E-06     3.94558E-07
    9             3.62181E-06     3.57156E-06     3.36650E-06     3.12034E-06     4.26946E-07
   10             3.23465E-06     3.19771E-06     3.03652E-06     2.83715E-06     3.71221E-07
   11             2.84869E-06     2.82425E-06     2.69511E-06     2.53554E-06     3.77349E-07
   12             2.93804E-06     2.99367E-06     2.92346E-06     2.80088E-06     5.19196E-07
   13             3.12383E-06     3.16277E-06     3.06561E-06     2.91561E-06     4.22317E-07
   14             2.83957E-06     2.91843E-06     2.86849E-06     2.75912E-06     4.92684E-07
   15             2.12815E-06     2.18595E-06     2.12029E-06     2.00285E-06     3.52583E-07
   16             2.15375E-06     2.23549E-06     2.20233E-06     2.12398E-06     4.85557E-07
   17             1.97416E-06     1.97549E-06     1.91201E-06     1.83578E-06     3.64190E-07
   18             1.77102E-06     1.86104E-06     1.88803E-06     1.89158E-06     5.98142E-07
   19             1.63010E-06     1.75843E-06     1.80290E-06     1.80010E-06     4.44752E-07
   20             1.64937E-06     1.87288E-06     2.02059E-06     2.09810E-06     4.17631E-07
   21             1.66772E-06     1.87076E-06     1.99413E-06     2.04558E-06     3.05846E-07
   22             2.55018E-06     2.95206E-06     3.20676E-06     3.32596E-06     4.79948E-07
   23             2.99995E-06     3.39260E-06     3.60278E-06     3.66404E-06     4.43008E-07
   24             3.58104E-06     3.99862E-06     4.19158E-06     4.22537E-06     5.73542E-07
   25             3.39634E-06     3.57895E-06     3.56965E-06     3.46317E-06     4.28832E-07
   26             3.13003E-06     3.34358E-06     3.40465E-06     3.36783E-06     3.66253E-07
   27             2.86594E-06     3.00313E-06     2.99226E-06     2.90447E-06     3.58189E-07
   28             2.36893E-06     2.51116E-06     2.51732E-06     2.44900E-06     2.55190E-07
   29             2.10911E-06     2.25598E-06     2.27663E-06     2.22954E-06     2.92322E-07
   30             2.62324E-06     2.79893E-06     2.81046E-06     2.74291E-06     4.39893E-07
   31             2.16950E-06     2.32864E-06     2.36647E-06     2.34308E-06     4.90332E-07
   32             1.74696E-06     1.85856E-06     1.89570E-06     1.89226E-06     4.16459E-07
   33             1.29930E-06     1.27546E-06     1.22135E-06     1.16062E-06     2.41018E-07
   34             1.70058E-06     1.75238E-06     1.71786E-06     1.64842E-06     3.28743E-07
   35             1.75262E-06     1.75938E-06     1.58418E-06     1.58477E-06     2.54001E-07
   36             1.90760E-06     1.95002E-06     1.93292E-06     1.89914E-06     5.92690E-07
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                                   SSSSSSSSSS   MM        MM  000000000000 DDDDDDDDD     777777777777  3333333333
                                 SSSSSSSSSSSS  MMM      MMM  000000000000 DDDDDDDDDD    77777777777  333333333333
                                SS        SS  MMMM    MMMM 00        00  DD        DD  77     77    33        33
                               SS           MM MM   MM MM  00       00  DD        DD        77               33
                              SSS           MM  MMMM  MM  00       00  DD        DD        77               33
                              SSSSSSSSS    MM   MM   MM  00       00  DD        DD       77             3333
                              SSSSSSSSS   MM        MM  00       00  DD        DD       77             3333
                                    SSS  MM       MM   00       00  DD        DD       77                33
                                    SS  MM        MM  00       00  DD        DD       77                33
                         SS        SS  MM        MM  00       00  DD       DD        77      33        33
                         SSSSSSSSSSSS MM        MM  000000000000 DDDDDDDDDD         77      333333333333
                         SSSSSSSSSS  MM        MM  000000000000 DDDDDDDD           77       3333333333

                   JJJJJJJJJJ  8888888888    6666666666    3333333333       11                     AAAAAAAAAA
                   JJJJJJJJJJ 888888888888  666666666666  333333333333     111                    AAAAAAAAAAAA
                       JJ     88        88  66        66  33       33     1111                    AA        AA
                       JJ     88        88  66                     33       11                    AA        AA
                       JJ      88      88   66                     33       11                    AA        AA
                       JJ       88888888    66666666666         3333        11                    AAAAAAAAAAAA
                       JJ       88888888    666666666666        3333        11                    AAAAAAAAAAAA
                       JJ      88      88   66        66           33       11                    AA        AA
                 JJ    JJ     88        88  66        66           33       11                    AA        AA
                 JJ    JJ     88        88  66        66  33       33       11                    AA        AA
                 JJJJJJJ      888888888888  666666666666  333333333333  1111111111                AA        AA
                  JJJJJJ       8888888888    6666666666    3333333333   1111111111                AA        AA

*A START JOB 8631 SMOD73 0001 0001 NER      CONTAINER CORP      80001046.002   7.30.42 PM 10 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 8631 SMOD73 0001 0001 NER      CONTAINER CORP      80001046.002   7.30.42 PM 10 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 8631 SMOD73 0001 0001 NER      CONTAINER CORP      80001046.002   7.30.42 PM 10 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 8631 SMOD73 0001 0001 NER      CONTAINER CORP      80001046.002   7.30.42 PM 10 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 8631 SMOD73 0001 0001 NER      CONTAINER CORP      80001046.002   7.30.42 PM 10 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 8631 SMOD73 0001 0001 NER      CONTAINER CORP      80001046.002   7.30.42 PM 10 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 8631 SMOD73 0001 0001 NER      CONTAINER CORP      80001046.002   7.30.42 PM 10 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 8631 SMOD73 0001 0001 NER      CONTAINER CORP      80001046.002   7.30.42 PM 10 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 8631 SMOD73 0001 0001 NER      CONTAINER CORP      80001046.002   7.30.42 PM 10 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 8631 SMOD73 0001 0001 NER      CONTAINER CORP      80001046.002   7.30.42 PM 10 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 8631 SMOD73 0001 0001 NER      CONTAINER CORP      80001046.002   7.30.42 PM 10 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 8631 SMOD73 0001 0001 NER      CONTAINER CORP      80001046.002   7.30.42 PM 10 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 8631 SMOD73 0001 0001 NER      CONTAINER CORP      80001046.002   7.30.42 PM 10 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 8631 SMOD73 0001 0001 NER      CONTAINER CORP      80001046.002   7.30.42 PM 10 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 8631 SMOD73 0001 0001 NER      CONTAINER CORP      80001046.002   7.30.42 PM 10 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 8631 SMOD73 0001 0001 NER      CONTAINER CORP      80001046.002   7.30.42 PM 10 FEB 82 PRINTER1 SYS NER1 START  A*
*A START JOB 8631 SMOD73 0001 0001 NER      CONTAINER CORP      80001046.002   7.30.42 PM 10 FEB 82 PRINTER1 SYS NER1 START  A*

                        *******************************************************************************
                        *                                                                             *
                        *        N.E.R.D.C. NEWS:   2/08/82  12:04:38                                 *
                        *                                                                             *
                        *        SEMINARS INTRODUCING THE NEW CMS AND VSAPL SYSTEMS WILL BE           *
                        *        OFFERED FEBRUARY 22 AND 23.  SEE MEMO 82033.03 FOR DETAILS           *
                        *        AND REGISTRATION INFORMATION.                      (LMCD)            *
                        *                                                                             *
                        *******************************************************************************
```

MODIFIED SO_2

1973

```
PLANT NAME: CONTAINER CORP.            POLLUTANT: SO2       EMISSION UNITS: GM/SEC    AIR QUALITY UNITS: GM/M**3
MODIFIED MILL

               MET FILE     REQUESTED
              STN NO. YR   STN NO. YR
 SURFACE       13389  73    13889  73
 UPPER AIR     13861  73    13861  73
PLANT LOCATION: RURAL
NO TAPE OUTPUT
MET DATA WILL NOT BE PRINTED

DAY-- 1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
      1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
      1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
      1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
      1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
      1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
      1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
      1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 0

 * * * * * * * * * * * * * * * * * * * *  N O T E  * * * * * * * * * * * * * * * * * * * *

       ALL TABLES, INCLUDING SOURCE CONTRIBUTION, THAT CONTAIN "ANNUAL" IN THE HEADING ARE BASED ONLY ON THOSE DAYS

       MARKED BY "1" IN THE ABOVE TABLE
```

```
   RING DISTANCES(KM)=    2.00    2.50    3.00    3.50  63.30

  STACK #  1--#4 POWER BOILER
  STACK #  2--#5 POWER BOILER
  STACK #  3--#4 RECOVERY BOILER
  STACK #  4--#5 RECOVERY BOILER
  STACK #  5--#7 POWER BOILER


   STACK    MONTH     EMISSION RATE         HEIGHT   DIAMETER  EXIT VELOCITY   TEMP      VOLUMETRIC FLOW
                        (GMS/SEC)          (METERS)  (METERS)     (M/SEC)    (DEG.K)       (M**3/SEC)

     1       ALL       128.7000             75.60      2.44        14.40      485.00          67.33

     2       ALL       273.6001             75.60      3.35        16.30      480.00         143.67

     3       ALL        35.1000             80.80      3.51        18.80      493.00         181.91

     4       ALL        35.3000             88.10      2.74        18.70      484.00         110.26

     5       ALL       154.4000            103.70      4.51        12.90      441.00         206.08
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   PLANT NAME: CONTAINER CORP.            POLLUTANT: SO2       EMISSION UNITS: GM/SEC     AIR QUALITY UNITS: GM/M**3

         MAXIMUM MEAN CONC=  4.1289E-06  DIRECTION=  6  DISTANCE=  2.5 KM

 YEAR= 73


                                ANNUAL MEAN CONCENTRATION AT EACH RECEPTOR
             RANGE     2.0 KM          2.5 KM          3.0 KM          3.5 KM          63.3 KM
  DIR
    1               2.51531E-06     2.56762E-06     2.51433E-06     2.42303E-06     4.40145E-07
    2               2.46852E-06     2.52854E-06     2.48735E-06     2.40521E-06     4.13961E-07
    3               2.68289E-06     2.81357E-06     2.82353E-06     2.76746E-06     5.24211E-07
    4               3.14409E-06     3.27635E-06     3.23888E-06     3.12344E-06     5.55181E-07
    5               3.31930E-06     3.33260E-06     3.20199E-06     3.02784E-06     4.81069E-07
    6               4.08630E-06     4.12893E-06     3.97037E-06     3.74481E-06     5.08895E-07
    7               3.49943E-06     3.48353E-06     3.30965E-06     3.09085E-06     4.84108E-07
    8               2.72079E-06     2.71370E-06     2.58440E-06     2.41709E-06     3.47639E-07
    9               2.29092E-06     2.31413E-06     2.23786E-06     2.12602E-06     3.75904E-07
   10               2.44381E-06     2.47213E-06     2.37926E-06     2.24406E-06     4.01805E-07
   11               2.83886E-06     2.98587E-06     2.92925E-06     2.80392E-06     3.86612E-07
   12               2.92981E-06     3.07407E-06     3.04120E-06     2.92163E-06     4.22825E-07
   13               3.01386E-06     3.15590E-06     3.10081E-06     2.96470E-06     4.87825E-07
   14               2.45734E-06     2.56664E-06     2.54578E-06     2.46406E-06     4.50972E-07
   15               1.95654E-06     2.00880E-06     1.97250E-06     1.89602E-06     2.96516E-07
   16               1.82311E-06     1.87974E-06     1.86011E-06     1.81238E-06     4.30175E-07
   17               1.68030E-06     1.78965E-06     1.81294E-06     1.79355E-06     4.59377E-07
   18               1.54989E-06     1.75416E-06     1.86891E-06     1.92267E-06     5.06680E-07
   19               1.53015E-06     1.75655E-06     1.89426E-06     1.96427E-06     3.74319E-07
   20               1.59906E-06     1.77122E-06     1.85222E-06     1.87240E-06     3.69860E-07
   21               1.70270E-06     1.84300E-06     1.91111E-06     1.92391E-06     2.90332E-07
   22               2.55769E-06     2.89290E-06     3.07529E-06     3.13676E-06     4.34061E-07
   23               2.94897E-06     3.21973E-06     3.28922E-06     3.24043E-06     4.25370E-07
   24               3.36432E-06     3.60764E-06     3.64854E-06     3.58429E-06     6.32415E-07
   25               3.69353E-06     3.84511E-06     3.79467E-06     3.66123E-06     5.46335E-07
   26               3.27184E-06     3.39238E-06     3.33871E-06     3.21369E-06     4.43839E-07
   27               3.02190E-06     3.07170E-06     2.95481E-06     2.78130E-06     2.65968E-07
   28               2.91100E-06     3.00507E-06     2.92588E-06     2.77609E-06     2.47982E-07
   29               2.79840E-06     2.90259E-06     2.85915E-06     2.75078E-06     3.60761E-07
   30               3.30324E-06     3.46257E-06     3.47431E-06     3.41358E-06     5.76834E-07
   31               3.21094E-06     3.35118E-06     3.34446E-06     3.26958E-06     5.40736E-07
   32               2.01829E-06     2.09224E-06     2.08143E-06     2.03498E-06     4.60777E-07
   33               1.40809E-06     1.42871E-06     1.40535E-06     1.36345E-06     3.15047E-07
   34               1.75819E-06     1.76882E-06     1.71465E-06     1.63657E-06     2.76781E-07
   35               2.10831E-06     2.15575E-06     2.11351E-06     2.03068E-06     2.92151E-07
   36               2.81046E-06     2.94335E-06     2.93630E-06     2.86171E-06     5.94352E-07
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                    SSSSSSSSSS   MM        MM  OOOOOOOOOOO  DDDDDDDDD       777777777777       444
                  SSSSSSSSSSSS  MMM      MMM  OOOOOOOOOOO  DDDDDDDDDD     777777777777       4444
                 SS        SS  MMMM    MMMM  OO        OO  DD       DD   77         77      44 44
                SS            MM MM  MM MM  OO        OO  DD       DD            77       44  44
               SSS           MM  MMMM  MM  OO        OO  DD       DD           77       44   44
              SSSSSSSSS     MM   MM   MM  OO        OO  DD       DD          77       44444444444
              SSSSSSSSS    MM        MM  OO        OO  DD       DD         77       44444444444
                    SSS   MM        MM  OO        OO  DD       DD        77                44
                     SS  MM        MM  OO        OO  DD       DD       77                 44
           SS        SS  MM        MM  OO        OO  DD       DD      77                 44
           SSSSSSSSSSSS  MM        MM  OOOOOOOOOOOO  DDDDDDDDDD      77                 44
           SSSSSSSSSS   MM        MM  OOOOOOOOOOO  DDDDDDDDD       77                 44

           JJJJJJJJJJ   8888888888   6666666666   555555555555   8888888888        AAAAAAAAAA
           JJJJJJJJJJ  888888888888  666666666666 555555555555  888888888888      AAAAAAAAAAAA
                   JJ  88        88  66        66 55            88        88      AA        AA
                   JJ  88        88  66           55            88        88      AA        AA
                   JJ   88      88   66           55             88      88       AA        AA
                   JJ    88888888    66666666666  555555555       88888888        AAAAAAAAAAAA
                   JJ    88888888    666666666666 5555555555      88888888        AAAAAAAAAAAA
                   JJ   88      88   66        66         55     88      88       AA        AA
           JJ      JJ  88        88  66        66          55   88        88      AA        AA
           JJ      JJ  88        88  66        66          55   88        88      AA        AA
           JJJJJJJJ    888888888888  666666666666 555555555555  888888888888      AA        AA
            JJJJJJ      8888888888    6666666666  55555555555    8888888888       AA        AA

*A START JOB 8658 SMOD74   0001 0001 NER      CONTAINER CORP      80001046.002   7.39.53 PM 10 FEB 82 PRINTER1 SYS NER1 START   A*
*A START JOB 8658 SMOD74   0001 0001 NER      CONTAINER CORP      80001046.002   7.39.53 PM 10 FEB 82 PRINTER1 SYS NER1 START   A*
*A START JOB 8658 SMOD74   0001 0001 NER      CONTAINER CORP      80001046.002   7.39.53 PM 10 FEB 82 PRINTER1 SYS NER1 START   A*
*A START JOB 8658 SMOD74   0001 0001 NER      CONTAINER CORP      80001046.002   7.39.53 PM 10 FEB 82 PRINTER1 SYS NER1 START   A*
*A START JOB 8658 SMOD74   0001 0001 NER      CONTAINER CORP      80001046.002   7.39.53 PM 10 FEB 82 PRINTER1 SYS NER1 START   A*
*A START JOB 8658 SMOD74   0001 0001 NER      CONTAINER CORP      80001046.002   7.39.53 PM 10 FEB 82 PRINTER1 SYS NER1 START   A*
*A START JOB 8658 SMOD74   0001 0001 NER      CONTAINER CORP      80001046.002   7.39.53 PM 10 FEB 82 PRINTER1 SYS NER1 START   A*
*A START JOB 8658 SMOD74   0001 0001 NER      CONTAINER CORP      80001046.002   7.39.53 PM 10 FEB 82 PRINTER1 SYS NER1 START   A*
*A START JOB 8658 SMOD74   0001 0001 NER      CONTAINER CORP      80001046.002   7.39.53 PM 10 FEB 82 PRINTER1 SYS NER1 START   A*
*A START JOB 8658 SMOD74   0001 0001 NER      CONTAINER CORP      80001046.002   7.39.53 PM 10 FEB 82 PRINTER1 SYS NER1 START   A*
*A START JOB 8658 SMOD74   0001 0001 NER      CONTAINER CORP      80001046.002   7.39.53 PM 10 FEB 82 PRINTER1 SYS NER1 START   A*
*A START JOB 8658 SMOD74   0001 0001 NER      CONTAINER CORP      80001046.002   7.39.53 PM 10 FEB 82 PRINTER1 SYS NER1 START   A*
*A START JOB 8658 SMOD74   0001 0001 NER      CONTAINER CORP      80001046.002   7.39.53 PM 10 FEB 82 PRINTER1 SYS NER1 START   A*
*A START JOB 8658 SMOD74   0001 0001 NER      CONTAINER CORP      80001046.002   7.39.53 PM 10 FEB 82 PRINTER1 SYS NER1 START   A*
*A START JOB 8658 SMOD74   0001 0001 NER      CONTAINER CORP      80001046.002   7.39.53 PM 10 FEB 82 PRINTER1 SYS NER1 START   A*
*A START JOB 8658 SMOD74   0001 0001 NER      CONTAINER CORP      80001046.002   7.39.53 PM 10 FEB 82 PRINTER1 SYS NER1 START   A*
*A START JOB 8658 SMOD74   0001 0001 NER      CONTAINER CORP      80001046.002   7.39.53 PM 10 FEB 82 PRINTER1 SYS NER1 START   A*

                  ****************************************************************
                  *                                                              *
                  *        N.E.R.D.C. NEWS:    2/08/82   12:04:38                *
                  *                                                              *
                  *        SEMINARS INTRODUCING THE NEW CMS AND VSAPL SYSTEMS WILL BE  *
                  *        OFFERED FEBRUARY 22 AND 23.  SEE MEMO 82033.03 FOR DETAILS  *
                  *        AND REGISTRATION INFORMATION.                       (LMCD)  *
                  *                                                              *
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MODIFIED SO_2

1974

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PLANT NAME: CONTAINER CORP.            POLLUTANT: SO2       EMISSION UNITS: GM/SEC     AIR QUALITY UNITS: GM/M**3
MODIFIED MILL

               MET FILE       REQUESTED
              STN NO. YR     STN NO. YR
 SURFACE       13889  74      13889  74
 UPPER AIR     13861  74      13861  74
PLANT LOCATION: RURAL
NO TAPE OUTPUT
MET DATA WILL NOT BE PRINTED

DAY--  1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
       1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
       1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
       1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
       1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
       1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
       1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
       1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 0

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          ALL TABLES, INCLUDING SOURCE CONTRIBUTION, THAT CONTAIN "ANNUAL" IN THE HEADING ARE BASED ONLY ON THOSE DAYS

          MARKED BY "1" IN THE ABOVE TABLE
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    RING DISTANCES(KM)=   2.00   2.50   3.00   3.50  63.30

  STACK #  1--#4 POWER BOILER
  STACK #  2--#5 POWER BOILER
  STACK #  3--#4 RECOVERY BOILER
  STACK #  4--#5 RECOVERY BOILER
  STACK #  5--#7 POWER BOILER


    STACK     MONTH      EMISSION RATE       HEIGHT   DIAMETER  EXIT VELOCITY   TEMP      VOLUMETRIC FLOW
                           (GMS/SEC)        (METERS)  (METERS)     (M/SEC)     (DEG.K)      (M**3/SEC)

      1        ALL        128.7000            75.60      2.44       14.40       485.00         67.33

      2        ALL        273.6001            75.60      3.35       16.30       480.00        143.67

      3        ALL         35.1000            80.80      3.51       18.80       493.00        181.91

      4        ALL         35.3000            83.10      2.74       18.70       484.00        110.26

      5        ALL        154.4000           103.70      4.51       12.90       441.00        206.08
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     PLANT NAME: CONTAINER CORP.            POLLUTANT: SO2        EMISSION UNITS: GM/SEC     AIR QUALITY UNITS: GM/M**3

          MAXIMUM MEAN CONC=   4.1372E-06  DIRECTION= 25  DISTANCE=  2.5 KM

   YEAR= 74


                                 ANNUAL MEAN CONCENTRATION AT EACH RECEPTOR
            RANGE       2.0 KM           2.5 KM           3.0 KM           3.5 KM           63.3 KM
    DIR
      1             2.46810E-06      2.62369E-06      2.52983E-06      2.57234E-06      5.50355E-07
      2             2.58445E-06      2.62911E-06      2.55047E-06      2.43222E-06      3.93415E-07
      3             3.21029E-06      3.27735E-06      3.17418E-06      3.01744E-06      5.69212E-07
      4             3.33308E-06      3.54603E-06      3.56404E-06      3.49132E-06      6.07382E-07
      5             2.89210E-06      3.08003E-06      3.09746E-06      3.03162E-06      5.47406E-07
      6             3.16300E-06      3.34041E-06      3.31113E-06      3.19359E-06      5.29805E-07
      7             2.95733E-06      3.10452E-06      3.05374E-06      2.92804E-06      5.24490E-07
      8             2.26548E-06      2.28825E-06      2.21165E-06      2.09874E-06      3.24721E-07
      9             2.23720E-06      2.28117E-06      2.24315E-06      2.16693E-06      3.60863E-07
     10             2.32268E-06      2.26977E-06      2.14162E-06      1.99932E-06      3.63484E-07
     11             2.67531E-06      2.69918E-06      2.51554E-06      2.49074E-06      4.75759E-07
     12             3.12520E-06      3.19602E-06      3.10012E-06      2.93658E-06      4.50251E-07
     13             3.04369E-06      3.10029E-06      3.00516E-06      2.85603E-06      5.33282E-07
     14             2.64960E-06      2.75636E-06      2.72409E-06      2.62695E-06      4.18873E-07
     15             2.16881E-06      2.15983E-06      2.05908E-06      1.93122E-06      3.11851E-07
     16             1.90895E-06      1.94132E-06      1.89885E-06      1.82822E-06      3.70889E-07
     17             1.48308E-06      1.52280E-06      1.49074E-06      1.43000E-06      2.95649E-07
     18             1.37871E-06      1.48049E-06      1.52667E-06      1.54039E-06      3.86886E-07
     19             1.53573E-06      1.65227E-06      1.59598E-06      1.69397E-06      3.37327E-07
     20             1.60242E-06      1.80501E-06      1.91738E-06      1.95756E-06      3.37402E-07
     21             1.68788E-06      1.87955E-06      1.96718E-06      1.97849E-06      2.55347E-07
     22             2.50555E-06      2.77747E-06      2.91147E-06      2.94343E-06      5.13644E-07
     23             2.85011E-06      3.11224E-06      3.20631E-06      3.18976E-06      5.90071E-07
     24             3.64144E-06      3.84383E-06      3.31725E-06      3.68352E-06      5.86360E-07
     25             4.04029E-06      4.13724E-06      4.03003E-06      3.84321E-06      5.20337E-07
     26             3.76095E-06      3.70012E-06      3.47564E-06      3.21858E-06      4.77719E-07
     27             3.19612E-06      3.10873E-06      2.89117E-06      2.65121E-06      2.41070E-07
     28             2.71200E-06      2.62482E-06      2.42457E-06      2.20574E-06      1.56818E-07
     29             2.83276E-06      2.79545E-06      2.62048E-06      2.41006E-06      1.89138E-07
     30             3.91611E-06      4.04833E-06      3.96757E-06      3.80295E-06      5.65464E-07
     31             3.74760E-06      3.88831E-06      3.85117E-06      3.73672E-06      6.76127E-07
     32             2.43982E-06      2.48357E-06      2.44041E-06      2.36292E-06      4.94212E-07
     33             1.76759E-06      1.75808E-06      1.59317E-06      1.61476E-06      3.45431E-07
     34             1.90203E-06      1.95544E-06      1.91351E-06      1.84276E-06      4.20425E-07
     35             1.86703E-06      1.98775E-06      1.98371E-06      1.92484E-06      3.21367E-07
     36             2.36130E-06      2.67641E-06      2.82326E-06      2.86778E-06      6.87196E-07
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  PLANT NAME: CONTAINER CORP.           POLLUTANT: SO2      EMISSION UNITS: GM/SEC    AIR QUALITY UNITS: GM/M**3

YEARLY MAXIMUM 24-HOUR CONC=  9.3794E-05  DIRECTION=  30  DISTANCE=  2.0 KM  DAY=188

YEAR= 74



                    HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR
  RANGE      2.0 KM                        2.5 KM                        3.0 KM                        3.5 KM                         63.3 KM
DIR
   1  3.3304E-05 ( 62)         3.0395E-05 ( 93)          3.1301E-05 ( 94)          3.4798E-05 ( 94)          1.0916E-05 (240)
   2  3.7207E-05 (130)         3.0970E-05 (130)          2.7399E-05 ( 10)          2.7506E-05 ( 10)          6.3528E-06 ( 38)
   3  3.7931E-05 (207)         3.5822E-05 (213)          3.5980E-05 (213)          3.4542E-05 (213)          6.5824E-06 (182)
   4  3.6320E-05 (179)         3.6519E-05 (179)          3.5583E-05 ( 78)          3.7440E-05 ( 78)          9.8799E-06 ( 33)
   5  3.6916E-05 (152)         3.3877E-05 (149)          3.3964E-05 (149)          3.1678E-05 (149)          7.3502E-06 (310)
   6  4.3500E-05 (122)         4.4437E-05 (122)          4.2713E-05 (229)          4.0604E-05 (229)          6.7356E-06 (121)
   7  4.3837E-05 (122)         4.2510E-05 (122)          3.8388E-05 (122)          3.3857E-05 (122)          1.0043E-05 (352)
   8  5.1678E-05 (123)         4.6237E-05 (123)          3.9751E-05 (123)          3.4047E-05 (123)          7.1191E-06 (225)
   9  5.1552E-05 (150)         4.3237E-05 (150)          3.5316E-05 (150)          2.8850E-05 (150)          5.2966E-06 (  7)
  10  4.8050E-05 (192)         4.5319E-05 (192)          4.0772E-05 (192)          3.6076E-05 (192)          9.6309E-06 (322)
  11  3.0133E-05 (189)         2.8417E-05 ( 89)          2.8607E-05 ( 99)          2.8658E-05 ( 99)          1.0001E-05 ( 17)
  12  4.2910E-05 (121)         4.1946E-05 (121)          3.7781E-05 (121)          3.4892E-05 ( 51)          8.1767E-06 (286)
  13  4.8776E-05 (192)         4.7282E-05 (231)          4.3951E-05 (231)          3.9627E-05 (231)          7.5681E-06 (199)
  14  4.5224E-05 (147)         4.2368E-05 (147)          4.3387E-05 ( 35)          4.9353E-05 ( 35)          7.5150E-06 (362)
  15  3.3535E-05 ( 69)         2.8798E-05 ( 59)          2.8257E-05 (106)          2.6680E-05 (106)          9.0755E-06 (210)
  16  4.0506E-05 (167)         3.1795E-05 (107)          2.7641E-05 (107)          2.5997E-05 (239)          6.5119E-06 ( 82)
  17  4.2416E-05 ( 57)         4.1803E-05 ( 57)          3.8582E-05 ( 57)          3.5011E-05 ( 57)          9.4044E-06 (306)
  18  3.9926E-05 (145)         3.5823E-05 (145)          3.1217E-05 (145)          3.2976E-05 (267)          7.5017E-06 (312)
  19  2.4336E-05 (317)         2.3918E-05 (171)          2.4554E-05 (171)          2.9412E-05 (267)          6.6753E-06 (171)
  20  2.9689E-05 (331)         3.1332E-05 (331)          3.0576E-05 (331)          3.4247E-05 (278)          8.2214E-06 ( 36)
  21  2.6521E-05 (193)         3.5053E-05 (279)          4.2809E-05 (279)          4.6501E-05 (279)          5.0792E-06 (269)
  22  4.0160E-05 (116)         3.6696E-05 (279)          4.5269E-05 (279)          4.9574E-05 (279)          8.4385E-06 (252)
  23  3.4308E-05 (109)         3.2765E-05 (293)          3.0351E-05 (293)          3.0448E-05 (294)          9.4539E-06 (328)
  24  3.7215E-05 (281)         3.7862E-05 (281)          3.5251E-05 (281)          3.2332E-05 (315)          8.4358E-06 (287)
  25  5.1106E-05 (194)         5.1033E-05 (194)          4.7776E-05 (194)          4.3702E-05 (194)          9.9605E-06 (253)
  26  4.3861E-05 (140)         3.7934E-05 (140)          3.1765E-05 (140)          2.7322E-05 (327)          1.3959E-05 (307)
  27  5.5348E-05 (199)         4.7585E-05 (199)          4.1739E-05 (204)          4.0480E-05 (204)          6.9643E-06 ( 14)
  28  3.5017E-05 (199)         2.8902E-05 (199)          2.4810E-05 (233)          2.2230E-05 (256)          3.6329E-06 (227)
  29  3.2662E-05 (139)         3.4162E-05 (139)          3.1877E-05 (139)          2.8406E-05 (139)          3.7812E-06 ( 25)
  30  9.3794E-05 (188)         9.1561E-05 (188)          8.2125E-05 (188)          7.1505E-05 (188)          1.0252E-05 (215)
  31  6.1087E-05 (188)         5.8135E-05 (188)          5.1417E-05 (188)          4.4519E-05 (188)          9.6512E-06 (103)
  32  4.3930E-05 ( 70)         3.9192E-05 ( 70)          3.6916E-05 (219)          3.4018E-05 (219)          1.2536E-05 (186)
  33  2.9044E-05 ( 49)         2.6109E-05 ( 97)          2.5152E-05 ( 97)          2.4695E-05 (131)          9.9914E-06 ( 23)
  34  3.8937E-05 (131)         4.1168E-05 (131)          4.0138E-05 (131)          3.8034E-05 (131)          8.4460E-06 (241)
  35  3.3692E-05 (226)         3.1811E-05 (226)          2.8735E-05 (226)          2.5612E-05 (226)          5.5039E-06 ( 28)
  36  3.1134E-05 (226)         3.1993E-05 (226)          3.3246E-05 (153)          3.2982E-05 (153)          1.1894E-05 (187)
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