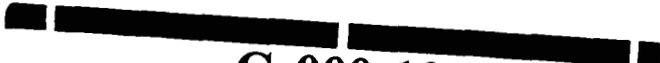


1948


G-000-102.44

**GENERATOR, FACILITY, WASTE
MINIMIZATION AND GROUND WATER
ASSESSMENT ANNUAL REPORT - CALENDAR
YEAR 1989**

03/02/90

**DOE-694-90
DOE-ORO/OEPA
2
LETTER**



Department of Energy

Oak Ridge Operations
P.O. Box 2001
Oak Ridge, Tennessee 37831-

1948

March 2, 1990

DOE-694-90

Mr. Thomas E. Crepau, Manager
Ohio Environmental Protection Agency
1800 WaterMark Drive
Columbus, Ohio 43266-1049

Dear Mr. Crepau:

**GENERATOR, FACILITY, WASTE MINIMIZATION AND GROUND WATER ASSESSMENT
ANNUAL REPORTS - CALENDAR YEAR 1989**

Pursuant to OAC 3745-65-75, 3745-52-41, and 3745-65-94, the Department of Energy's Feed Materials Production Center (FMPC) is submitting the following reports (enclosed) for the calendar year 1989:

- Generator Annual Hazardous Waste Report
- Facility Annual Hazardous Waste Report, including the Supplementary Annual Report for 1989 Ground Water Monitoring Information
- 1989 Waste Minimization Report, Form IC - Identification and Certification
- 1989 Waste Minimization Report, Form WM - Waste Minimization

These reports also fulfill the reporting requirements of 40 CFR 262.41, 265.75, and 265.94. The enclosed Generator Annual Hazardous Waste Report and the 1989 Waste Minimization Reports are complete as submitted.

The FMPC identified technical deficiencies in the enclosed Facility Annual Hazardous Waste Report, including the Supplementary Annual Report for 1989 Ground Water Monitoring Information. These are described below. Presently, the FMPC is correcting these deficiencies and will submit the completed reports as described below.

Additional waste now being stored on Plant 1 Pad and suspected of containing RCRA waste are not included in the enclosed Facility Report. However, information on known waste characteristics, potential hazardous constituents, and plans to sample and analyze for these constituents will be included in a complete report submitted to your office by May 7, 1990.

Due to difficulties with analytical data, which we have discussed in detail with OEPA, the migration and statistical analyses for the ground water portion of the Facility Report is incomplete. A completed report will be submitted by May 7, 1990. In an effort to provide as near as complete report as possible, we have included copies of all raw data required to support the RCRA groundwater effort. Because the prominent Site Office Manager has not reported, Dr. William R. Bibb has signed the certification sheets for the report.

If you have any questions or require additional information, please contact Dave Rast, of my staff, at FTS 774-6170 or (513) 738-6170.

Sincerely,



William R. Bibb
Assistant Manager for
Defense Programs

DP-84:Rast

Enclosure: As stated

GENERATOR ANNUAL HAZARDOUS WASTE REPORT

For the calendar year ending December 31, 1989

The information requested herein is required by Rules 3745-52-41 as applicable of the Ohio Administrative Code.

REFER TO THE SPECIFIC INSTRUCTIONS CONTAINED IN THIS BOOKLET BEFORE COMPLETING THIS FORM.

Please print/type with elite type (12 characters per inch)

LABEL BELOW IS FOR REFERENCE ONLY; SECTIONS I. THROUGH VII. MUST BE COMPLETED.

I. GENERATOR'S EPA I.D. NUMBER

US DOE FEED MATERIALS PROD. CENTER
7400 WILLEY RD
FERNALD, OHIO 45030
OH6890008976

F | O | H | 1 | 6 | 1 | 8 | 1 | 9 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 8 | 1 | 9 | 1 | 7 | 1 | 6 |

1

II. NAME OF INSTALLATION

U | S | D | O | E | | F | E | E | D | | M | A | T | E | R | I | A | L | S | | P | R | O | D | U | C | T | I | O | N | | C | E | N | T | E | R |

III. INSTALLATION MAILING ADDRESS

3 | P | O | | B | O | X | | 3 | 9 | 8 | 7 | 0 | 5 |

Street or P.O. Box

4 | C | I | N | C | I | N | N | A | T | I |

City or Town

O | H

State

4 | 5 | 2 | 3 | 9

Zip Code

IV. LOCATION OF INSTALLATION

5 | 7 | 4 | 0 | 0 | | W | I | L | L | E | Y | | R | O | A | D |

County Code

3 | 1

County Code

6 | F | E | R | N | A | L | D |

City or Town

O | H

State

4 | 5 | 1 | 0 | 3 | 1 | 0

Zip Code

2 | 8 | 1 | 1 | 9

Primary SIC Code

V. INSTALLATION CONTACT

2 | R | A | S | T | | D | A | V | E |

Name (last and first)

5 | 1 | 1 | 3 | - | 1 | 7 | 3 | 1 | 8 | - | 1 | 6 | 1 | 1 | 7 | 1 | 0

Phone No. (area code & no.)

VI. TRANSPORTATION SERVICES USED (list the name and EPA identification numbers of all hazardous waste transporters whose services were used during the reporting year.)

Rollins Chempack, Inc.
US-EPA ID #DED982565947

VII. CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment.

Ray Hansen Deputy Site Manager
Print/Type Name Title

Signature of Authorized Representative Date Signed
3
Page 1 of 3

GENERATOR ANNUAL HAZARDOUS WASTE REPORT (cont.)

For the calendar year ending December 31, 1989

FACILITY INFORMATION

(specify facility to which all wastes on this page were sent)

VIII. GENERATOR'S EPA I.D. NO.

G	1	0	1	6	8	9	0	0	0	8	9	7	6	2
	2												13	14 15

IX. FACILITY'S EPA I.D. NO.

X. FACILITY NAME

18 LAID1011039511217 27

28 RIOILINIS ENV SERVICES LA INC 50

XI. FACILITY'S ADDRESS

28 1131511 SCIENTIFIC HWY

Street or P.O. Box

28 BAITON RIOUIGE

City or Town

LIA

State

710807

Zip Code

XII. WASTE IDENTIFICATION

LINE	A. DESCRIPTION OF WASTE	B. DOT HAZARD CLASS		C. USEPA HAZARDOUS WASTE NUMBER (see instructions)		D. AMOUNT OF WASTE	E. UNIT OF MEASURE
1	LAIBIPICIKIS IIGNITABLE	0	7	D101011		101	P
2	LAIBIPICIKIS IIGNITABLE	1	3	D101011		20	P
3	LAIBIPICIKIS REACTIVE	0	8	D003	D001	3	P
4	LAIBIPICIKIS IIGNITABLE	0	8	D001		18	P
5	LAIBIPICIKIS CORROSIVE	0	2	D002		16	P
6	LAIBIPICIKIS INHIBITING NITROBENZENE	1	5	U012	U169	13	P
7	LAIBIPICIKIS EPTOX METALS	1	5	P012	D004	80	P
	ARISENIC TRIOXIDE			D005	D006		
	VIANADIUM PENTOXIDE			D007	D008		
				D009	D010		
		28 29	30 33	34 37	46	54 55	
			38 41	42 45			

XIII. COMMENTS (enter information by section number)

Lines 1-7 are from routine laboratory cleanout

GENERATOR ANNUAL HAZARDOUS WASTE REPORT (cont.)

For the calendar year ending December 31, 1985

FACILITY INFORMATION

(specify facility to which all wastes on this page were sent)

VIII. GENERATOR'S EPA I.D. NO.

1948
10116181910101018191716
1 2 13 14 15

IX. FACILITY'S EPA I.D. NO.

X. FACILITY NAME

18 27
LIAID1011013191511217

28
ROLILINSI ENVI SERVICE LIA INIC

XI. FACILITY'S ADDRESS

29
13351 SCENIC HWY

Street or P.O. Box

30
BATON ROUGE

City or Town

LIA 70807

State Zip Code

XII. WASTE IDENTIFICATION

LINE	A. DESCRIPTION OF WASTE	B. DOT HAZARD CLASS		C. USEPA HAZARDOUS WASTE NUMBER (see instructions)		D. AMOUNT OF WASTE	E. UNIT OF MEASURE			
				D1011	P1011					
				P120						
8	LIA BPACKS POTASSIUM CYANIDE LEAD IDE SODIUM CYANIDE LEAD	1	5	P098	P106	40	P			
	ACETATE PHENOL									
9	LIA BPACKS CORROSIVE	0	2	D102		31	P			
10	LIA BPACKS CARBON TET 112 TRICHLOROETHANE	1	2	U1211	U1217	12	P			
11	LIA BPACKS THIOURIA NAPHTH ALENE BENZIDINE RESORCI	1	2	U1219	U165	10	P			
	NOIL O-TOLUIDINE			U201						
12	LIA BPACKS IGNITABLE	0	1	D001		1300	P			
		28	29	30	33	34	37	46	54	55
				38	41	42	45			

XIII. COMMENTS (enter information by section number)

Lines 8-12 are from routine laboratory cleanout

FACILITY ANNUAL HAZARDOUS WASTE REPORT (cont.)

For the calendar year ending December 31, 1989

GENERATOR INFORMATION

(specify generator from which all wastes on this page were received)

VIII. FACILITY'S EPA I.D. NO.

G 101H16181910101018191716 **2**

IX. GENERATOR'S EPA I.D.NO.

X. GENERATOR NAME

101H161819101018191716

USED OILS MATERIALS IPRIODI CENTE R

XI. GENERATOR'S ADDRESS

714101 WILLEY ROAD

FERRIN AILDI

OH 45101310

XII. WASTE IDENTIFICATION

LINE	A. DESCRIPTION OF WASTE	B. HANDLING METHOD (enter code)			C. USEPA HAZARDOUS WASTE NUMBER (see instructions)		D. AMOUNT OF WASTE	E. UNIT OF MEASURE		
1	USED OIL	S	0	1	F10102		1216151418	P		
2	USED OIL	S	0	1	D10108 F10102		1311141612	P		
3	USED OIL	S	0	1	D1010 F10102		1217141518	P		
4	OILY SLUDGE	S	0	1	F10102		111719191118	P		
5	SPENT LITHIUM TRICHLOROETHANE	S	0	1	D10101 F10101		1912141714	P		
6	PAINT THINNER	S	0	1	D10101 F10102		1115191811	P		
7	OILY FILTER CAKE	S	0	1	D10101		11081014	P		
8	STAINED BILKISIT PAINT RESIDUE	S	0	1	D10108		161213111313	P		
		28	29	30	33	34	37	48	54	55
				38	41	42	45			

XIII. COMMENTS (enter information by section number)

FACILITY ANNUAL HAZARDOUS WASTE REPORT (cont.)

For the calendar year ending December 31, 1989

GENERATOR INFORMATION

(specify generator from which all wastes on this page were received)

VIII. FACILITY'S EPA I.D. NO.

101H16181910101018191716J 2

IX. GENERATOR'S EPA I.D.NO. X. GENERATOR NAME

101H16181910101018191716J U1SID101E1 F1E1E1D1 M1A1T1E1R1I1A1L1S1 I1P1R1I01D1 I1C1E1N1T1E1R1

XI. GENERATOR'S ADDRESS

171410101 W1I1L1L1E1Y1 I1R1I01A1D1
 Street or P.O. Box
 F1E1R1I1N1A1I1D1 101H 14151013101
 City or Town State Zip Code

XII. WASTE IDENTIFICATION

LINE	A. DESCRIPTION OF WASTE	B. HANDLING METHOD (enter code)	C. USEPA HAZARDOUS WASTE NUMBER (see instructions)	D. AMOUNT OF WASTE	E. UNIT OF MEASURE
1	T1A1N1K1 181 C1L1E1A1N1O1U1T1 R1E1S1I1D1U1E1S1	S 0 1	D101017	113121211	P
2	S1I1P1E1N1T1 I1T1I1P1I1K1E1R1I01S1E1N1E1	S 0 1	D101017 D101017	13111613	P
3	D1R1U1M1 I1D1E1C1I01N1T1A1M1I1N1A1T1I01N1 R1E1S1I1D1U1E1S1	S 0 1	D101016	12111217	P
4	R1O1A1S1T1E1D1 I1M1A1G1N1E1S1I1U1M1 F1L1U1O1R1I1D1E1	S 0 1	D101018	131312141913	P
5	C1L1E1A1N1O1U1T1 S1L1U1D1G1E1S1	S 0 1	F101012	13121712	P
6	F1U1R1I1N1A1C1E1 I1S1A1L1T1	S 0 1	D101015	16101612	P
7	F1U1R1I1N1A1C1E1 I1S1A1L1T1	S 0 1	D101014 D101016 D101018 D10110	1812151212	P
8	D1U1S1T1 I1C1O1L1L1E1C1T1O1R1 I1R1E1S1I1D1U1E1S1	S 0 1	D101018	18131619	P
		28	29	30 — 33 34 — 37 48	54 55
				38 — 41 42 — 45	

XIII. COMMENTS (enter information by section number)

FACILITY ANNUAL HAZARDOUS WASTE REPORT (cont.)

For the calendar year ending December 31, 1989

GENERATOR INFORMATION

(specify generator from which all wastes on this page were received)

VIII. FACILITY'S EPA I.D. NO.

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

IX. GENERATOR'S EPA I.D. NO.

X. GENERATOR NAME

01H16181910101018191716J

UISDIOEI FEJEI MATERIALS IPRIODI ICENTER

XI. GENERATOR'S ADDRESS

71410101 WILILEYI RIOADI

FEIRINAILDI

OH 415101310J

XII. WASTE IDENTIFICATION

LINE	A. DESCRIPTION OF WASTE	B. HANDLING METHOD (enter code)	C. USEPA HAZARDOUS WASTE NUMBER (see instructions)		D. AMOUNT OF WASTE	E. UNIT OF MEASURE
1	BIARIUMI ISULFATEI FILTERI CIAKIEI	S 0 1	D101011	D101015	11218147	P
2	SIOLVIENTI ICIONTAMINATEI PLAILLEITI IWIOIOLDI	S 0 5	F101012		1813	P
3	SIPENTI IENAIMELI	S 0 1	D10101		310	P
4	BIARIUMI ICILIOIRIDIEI ICHROMEI RIEISIIDUIEI	S 0 1	D101017		1310131314	P
5	MERICURYI SPIILLI RESIDUEI	S 0 1	D101019		392	P
6	SIPENTI IETRAICHLOROETHENEI	S 0 1	F101012		18191611	P
7	UNUISIEI ICIAUSTIICICRYSTALIS	S 0 1	D101012		151318	P
8	SIPENTI IXYLENEI	S 0 1	D101011	F101013	12191910	P

XIII. COMMENTS (enter information by section number)

XII. 2. Wooden Pallets

FACILITY ANNUAL HAZARDOUS WASTE REPORT (cont.)

For the calendar year ending December 31, 1989

GENERATOR INFORMATION

(specify generator from which all wastes on this page were received)

VIII. FACILITY'S EPA I.D. NO.

G 10116181910101018191716 **2**

IX. GENERATOR'S EPA I.D. NO.

X. GENERATOR NAME

10116181910101018191716

UISIDIOIEI IFIEEID IMAITE R I I A L S I P I R I O I D I C E N T E R

XI. GENERATOR'S ADDRESS

171410101 WILILIEYI RIOAID

Street or P.O. Box

FIEIRINIAID

City or Town

1011

State

1415101310

Zip Code

XII. WASTE IDENTIFICATION

LINE	A. DESCRIPTION OF WASTE	B. HANDLING METHOD (enter code)	C. USEPA HAZARDOUS WASTE NUMBER (see instructions)	D. AMOUNT OF WASTE	E. UNIT OF MEASURE
1	BIEIRIYLILJIUMI	S 0 1	P 10115		5 P
2	CIAUISITICI ISIODIAI SPIEINTI	S 0 1	D 101011		151415 P
3	IIII ITRIIICHLIOIRIOETHIANE SITILLI BIOTIOMS	S 0 1	D 101011 F 101011		17152 P
4	SPIEINTI MEETHYLENE CHLORID E AND TETRACHLOROETHYLE	S 0 1	F 101011		47196 P
5	INCLINERIAIORI CINDERS	S 0 1	D 10108		3455 P
6	CONTAMINATED ALUMINA SODA LIME	S 0 1	D 005		12101 P
7	OILY SLUDGE	S 0 1	D 101015 D 101018		2922 P
8	BARIUM CHLORIDE SALT	S 0 1	D 101015		193044 P
		28 29	30 33 34 37 46		54 55
			38 41 42 45		

XIII. COMMENTS (enter information by section number)

FACILITY ANNUAL HAZARDOUS WASTE REPORT (cont.)

For the calendar year ending December 31, 1989

GENERATOR INFORMATION

(specify generator from which all wastes on this page were received)

VIII. FACILITY'S EPA I.D. NO.

10116181910101018191716 2

IX. GENERATOR'S EPA I.D.NO.

X. GENERATOR NAME

10116181910101018191716

UNIVERSITY FIELD MATERIALS CENTER

XI. GENERATOR'S ADDRESS

714101 WILLILEY ROAD

Street or P.O. Box

FIRINIA IDI

City or Town

OH

State

4151310

Zip Code

XII. WASTE IDENTIFICATION

LINE	A. DESCRIPTION OF WASTE	B. HANDLING METHOD (enter code)			C. USEPA HAZARDOUS WASTE NUMBER (see instructions)		D. AMOUNT OF WASTE	E. UNIT OF MEASURE
1	WASTE SHIMPI CIAKIEI	S	0	1	D101014	D101016		
					D101018		79318	P
2								
3								
4								
5								
6								
7								
8								

XIII. COMMENTS (enter information by section number)

