WA 9946
12.14.81
107
4a

	Notification	
2	Part A Received	
3	Inspection Date	12-14-81
4	EPA Received	2-2-81
5	Preliminary Review	2-24-82
6	Final Review Legal Action	2-24-82
7	Close	

Date Line

INSPECTION EVALUATION- Mike Brown Env. Eng
Name & title evaluator

FILE COPY

RCRA	x	TSCA		FIFRA	

ACTION TAKEN

- ____ No Action Indicated
- ____ Violation Assessment
- ____ Letter of Non-Compliance
- ____ Referral for Admin. Civil Penalty
- ____ Referral for Criminal Action
- ____ Refer to State

Julie Sellick
Name of inspector

✓ 12-14-81
Date of inspection

Boeing Development Center
Seattle, WA.
WAD 09-363-9946
Establishment Name & Address

COMMENTS:
2-24-82 Preliminary & Final Review NLA - NURCRA violations

Concur: Donald A. Donaldson
3-1-82

Type of Notification: Interim Status Standards I.D.# WAD 098 639 946

Site Name: Boeing Developmental Center Address: 9725 East Marginal Way South
Seattle, WA
98108

Facility Contact(s): 1) Mr. Roy Olson
2) Mr. Owen J. Lewis
3) Ms. Karen L. Huey

Title: 1) 2) & 3) Hazardous Waste Administrators Phone No.: (206) 655-7650 (Mr. R. Olson)

Owner: The Boeing Aerospace Company

Location: (Long., Lat., or Sec., Range, Twnshp.) Longitude: 122-17-52 W
Latitude: 47-30-50 N

The Company acknowledges the following hazardous waste handling:

ALL 1. What type of ACTIVITIES are performed at the facility?

✓ GENERATE

___ TREAT/RECYCLE

✓ STORE

___ DISPOSE

___ TRANSPORT (# OF VEHICLES ___)

___ CLAIM QUANTITIES TOO SMALL TO BE REGULATED

RECEIVED
FEB 2 1982
COMPLIANCE BRANCH
EPA - REGION X

ALL 2. TYPE OF WASTE handled? (Chlorinated hydrocarbons, electroplating, sludge, etc.) Amount/mth, amount/yr?

For 11-month period, Jan-Nov. 1981
- Solvents -- halogenated and non-halogenated -- 104 drums
- Electroplating wastes -- 92 drums
- Hazardous waste liquid N.O.S. -- paint sludge D001 chrome -- 55 drums
- Oily wastes -- 127 drums

ALL 3. ADDITIONAL:

A. Has the waste material been ANALYZED? By whom?

Yes, by Boeing

T/S/D B. Is the property FENCED? Are gates kept locked after hours?

Yes, Yes

Guards are also posted at the gates

T/S/D C. Is the property posted with SIGNS reading "Unauthorized Personnel Keep Out.", or similar warning sign?

Yes

T/S/D D. List other means to prevent UNAUTHORIZED ENTRY.

Guards

Alarm systems

T/S/D E. Is there a written INSPECTION SCHEDULE available?

Yes, Preventative Maintenance Inspection schedule - daily, biweekly, 30-day or whatever is deemed necessary

T/S/D F. Is an INSPECTION LOG kept?

Yes, for all preventative maintenance inspections

T/S/D G. Is there a TRAINING PLAN for personnel? What is the status of its implementation?

Yes, specifically for hazardous waste management

Complete and in operation

T/S/D H. Are TRAINING RECORDS kept?

Yes

T/S/D I. Are incompatable WASTES SEGREGATED?

Yes

T/S/D J. Is there FIRE FIGHTING EQUIPMENT on site?

Yes, Boeing Fire Dept.

T/S/D K. Is there AN ALARM SYSTEM on site?

Yes, ADT alarm

T/S/D L. Is there READY ACCESS to FIRE equipment and the ALARM system by personnel?

Yes
Automatic sprinkler system

T/S/D M. Is there ADEQUATE AISLE SPACE and access to all parts of the facility?

Yes

T/S/D N. Is there a CONTINGENCY PLAN available?

Yes, SPCC Plan and Hazardous Waste Management Plan

T/S/D O. Is there an EMERGENCY COORDINATOR identified?

Yes, Boeing Fire Dept. -- dispatcher has a matrix of people to call

ALL 4. Is the MANIFEST SYSTEM used? What information is missing from manifest?

Yes, none

Transporters include Chemical Processors and a variety of others

T/S/D 5. Do OPERATING RECORDS include:

A. SOURCE, AMOUNT, and TYPE of wastes received.

DNA

B. RESULTS of analyses.

Yes

C. LOCATION of stored wastes.

Yes

D. FINAL DISPOSITION of wastes.

Yes

T/S/D 6. Is GROUNDWATER MONITORED?

No

T/S/D 7. Is CLOSURE and POST-CLOSURE PLAN acceptable?

Yes -- closure statement will be inserted into the contingency plan

G/T/S/D 8. Are there INTERNATIONAL SHIPMENTS of wastes? Reported?

No

9. BARREL STORAGE:

T/S/D A. Any STORAGE CONTAINERS not meeting requirements?

No

T/S/D B. Any examples of INADEQUATE LABELING of containers?

No

T/S/D C. Are there 50' SET BACK violations of ignitable or reactive wastes?

No

G D. Is there evidence indicating STORAGE greater than 90 days?

No

10. BULK STORAGE:

G/T/S/D A. Are BULK TANKS used to store hazardous wastes?

Yes

G/T/S/D B. Are there TANK INSPECTION records?

Yes

G/T/S/D C. Are there examples of IMPROPER MAINTENANCE of transfer equipment? Maintenance plan?

No improper maintenance

Yes, Tank inspection and maintenance plan

11. TRANSPORTERS: DNA

T A. How many VEHICLES in use?

T B. List how many of each TYPE.

C. Comments:

12. LAGOONS/IMPOUNDMENTS: DNA

T/S/D A. Are IMPOUNDMENTS used to hold hazardous wastes?

T/S/D B. Are such impoundments LINED?

T/S/D C. Is there evidence of LEACHATE or LEAKING or OVERFLOW?

13. PILES: DNA

G/T/S/D A. Is LEACHATE and RUNOFF COLLECTED?

G/T/S/D B. Is there need for an IMPERMEABLE BOTTOM?

14. LANDFARM/LANDFILL: DNA

A. Hazardous waste used in a:

D 1) LANDFARM

D 2) LANDFILL

D B. Evidence of NON-CONTAINMENT of runoff or leachate problem.

D C. Improper RECORDS of type of material and location in the fill?

D D. Are LIQUIDS landfilled?

D E. Is landfill LINED?

15. INCINERATION: DNA

T/D A. Is waste ANALYZED prior to incineration?

B. Comments:

16. THERMAL TREATMENT: DNA

T/D A. What PROCESS is used? Are there problems?

B. Comments:

17. CHEMICAL/PHYSICAL/BIO-TREATMENT: DNA

T A. What PROCESS(ES)?

B. Comments:

18. INJECTION: DNA

D A. Describe:

19. ANNUAL REPORT:

A. Are records sufficient for compiling required ANNUAL REPORT?

Yes

20. COMMENTS:

This facility has a covered storage area complete with floor sumps for stormwater and/or chemical spill collection.

21. Prior HISTORY OF ENFORCEMENT or violations of State or Federal regulations.

No

22. Prior HISTORY OF EMERGENCIES.

No

23. Were PHOTOS taken? No

Date: December 14, 1981

Inspector's signature and title: [signature] [illegible] 1/15/82

Hazardous Waste Inspector