

(3)

666133
3-001110

**HSE-7 PCB DISPOSAL SECTION
TRANSFORMER DECOMMISSIONING RECORD**

TRANSFORMER IDENTIFICATION

This is Transformer No. 1 of 1
 Manufacturer Federal Pacific Electric Serial No. 1692-1
 Size 212 1000 KVA Gal/Oil 212 gal Oil Type ASTM D6
 PCB Concentration > 500 ppm Wt Full 8740 lbs Wt Empty _____
 Height 6' 0" x Width 4' 8" x Depth 8' 3" = Total Cubic Feet 234
 Sample of Oil Taken YES NO Retained YES NO Sent to HSE-9 Lab YES NO

INITIAL DRAIN RECORD

Time Begun 9:30 a.m./p.m. Date 6/4/91
 Amount of Oil: Ending Meter _____ Oil Drained to 4 55 gallon drums
 Beginning Meter _____
 Oil Drained _____
 Time Ended 10:50 a.m./p.m. Date 6/4/91
 Operator JUAN VILLARREAL Date _____
 Line Crew Supervisor _____

FLUSH FILL RECORD

Time Begun _____ a.m./p.m. Date _____
 Type of Flush: _____
 Origin of Flush: Purchased _____ P.O. No. _____
 Mineral Oil Less Than 50 ppm _____ Sample of Flush Taken? YES NO
 Diesel Less Than 50 ppm _____
 (Other) _____ Lab No. _____
 Number of Gallons Flush _____ Note Any Leakage _____
 Time Flush Fill Completed _____ a.m./p.m. Date _____
 Sample Taken YES NO Retained YES NO HSE-9 Lab YES NO
 Operator Juan Villarreal Date _____
 Line Crew Supervisor _____ Date _____

FLUSH DRAIN RECORD

Time Begun _____ a.m./p.m. Date _____
 Amount of Oil: Ending Meter _____ Flush Drained to _____
 Beginning Meter _____
 Flush Drained _____
 Sample Taken YES NO Retained YES NO HSE-9 Lab YES NO
 Time Ended _____ Date _____
 Operator _____ Date _____
 Line Crew Supervisor _____

DISPOSAL RECORD

OIL
 Shipped to _____ Oil Incineration/Destruction
 Via _____ On Manifest No. _____
 On Receiving Report _____ Date _____

FLUSH
 Shipped to _____ Flush Incineration/Destruction
 Via _____ On Manifest No. _____
 On Receiving Report _____ Date _____

CARCASS & DEBRIS

Shipped to _____ Transformer Case Disposal
 HS-8 PCB I.D. No. 5550 TA-54-124 B-2 RSWD Form No. _____
 Net Dimensions: Height _____ x Width _____ x Depth _____ = Total Cubic Feet _____
 Date _____

Received by ECR RFF
111 05 2000

I CERTIFY THAT ALL THE ABOVE INFORMATION IS TRUE AND CORRECT. THIS WORK WAS PERFORMED BY HSE-7 PCB DISPOSAL SECTION AND PAN-AM LINE CREW

Signed _____ Date _____

TRANSFORMER ASSESSMENT SHEET

9-16-85

Tech Area		Structure No.		PCB I.D.	Network Radial	
59		184		5550	Outside Location	
Manufacturer		Serial No.		Cooling Type		
FEDERAL PACIFIC FLEET		1692-1		ASKAREL		
Primary Voltage		Secondary Voltage		KVA	Type/Style	
13,200		480/277		1000		
Fluid Wt./gal.		Fluid Volume		Fluid Wt.	Total Wt. Transformer	
11.98		212 GALS.		2540	8740	
Ht.	Wd.	Dp.	Date Purchased		Owner	
6'	4' 8"	8' 3"			ENG-4	
Commerical Bldg.		Industrial Bldg.		Feet from Bldg.		Contact
		X				
Combustible Material			Feet from Transformer			
YES			5' ft.			

HSE-7 L.H.

REMARKS

10-10-85

TRANSFORMER I.D.

PCB I.D.

5550

- Non-PCB filled (determined by analysis)
- PCB Contaminated Liquid (determined by analysis or name plate)
- PCB Filled (determined from nameplate or by analysis)
- Contents Unknown

LABELING

- No label required (Non-PCB)
- Properly labeled
- Requires label but not present

QUANTITY

- Fluid level on transformer register full
- 3/4 full
- Less than half full
- PCB dielectric fluid in transformer:
- Less than 10 gallons
- More than 10 but less than 100 gallons
- More than 100 but less than 500 gallons
- More than 500 but less than 1,000 gallons

LOCATION

- Located in isolated area
- Located in open area occasionally visited or used by people
- Located outdoors in Transformer Vault
- Outdoors on Pad
- Outdoors in underground vault
- Outdoors on pole
- In vault in occupied building
- In basement of occupied building
- On upper floor inside building or on roof

- If entire content of the transformer were to spill fluid would:
- Be contained or confined
- Contaminate pad and exterior of transformer only
- Contaminate nearby soil, gravel, or other materials
- Contaminate occupied areas
- Contaminate water drains, ditches, sewer, etc.
- Contaminate bodies of water located nearby, and migration of fluid would cause extensive contamination

- Transformer and pad or vault has dike or curb to contain spill material
- Dike or curb deteriorated or damaged
- No spill containment (dike or curb); transformer located over or near water or food-handling areas
- Dike or curb insufficient to contain at least 10 percent material if spill occurs
- No spill containment; transformer located in occupied building

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Susceptibility to Damage:

- Not susceptible to damage
- Moderate; unit has some protection (i.e., fence or curb) runaway vehicles could cause damage
- Unit is fenced or has light-weight guard posts, but machinery and/or vehicles operated close by
- Unit is not protected at all and vehicles and/or machinery operated very close by. Unit is accessible to non-authorized personnel

Transformer vent system:

- Vents outside in area away from windows, air intakes, people, food, water
- Vents outside, near windows, air intakes, people, food, water (high probability for contamination)
- Transformer vents to inside of building where people are located

CONDITION

- Transformer not leaking
- No active leak; however, old stains visible on casing or pad
- New small stains noted, mainly, around bushings or gaskets
- Moderate active leak requiring control by drip pan or other means
- Large leak needs immediate repairs
- Active spill contaminating transformer pad and surrounding area

- Transformer pad has no drain, cracks or open spaces around conduits or ground wire
- Pad has drain, no cracks

- Metal plates present on pad where leaking oil is difficult to remove
- Transformer located in porous concrete ~~block~~ ~~concrete~~ ~~padding~~
- Transformer located on wooden floor or pad
- Transformer in below ground vault with sump-pump which could become contaminated with PCBs

- Area around transformer clean, neat, clear of trash, extraneous equipment and materials present
- Fire suppression equipment readily available
- Tools and machinery nearby where damage could occur to transformer
- Area surrounding transformer contains trash, or is used to store tools or equipment which could damage transformer, and/or no fire suppression equipment available

ER Individual Record Transmittal Form

(Use one form per individual record transmitted.)

Section I (to be completed by author/originator)

Author/originator's Information:

Name Mary Ebinger Z number 117761
 Organization ER Phone 7-7954
 Record transmittal date 7/5/00

Individual Record Information:

Author/originator (Print name[s] and title[s]):

~~Site Design Engineering~~
 HSE-7

ER doc catalog no. n/a

Electronic file transmitted? Yes NA

Are all attachments included? Yes

Does record carry proper authorization? Yes

Symbol number _____

Document date 3/29/94

Page count 4

Privileged record? Yes No

Is record part of a reference set? Yes No

If yes, for which focus area?

Canyons A³ MDAs

Reg Compliance Remedial Actions

Title of record (or describe topic record addresses (limited to 255 characters)):

HSE-7 PCB Disposal
 Section
 Transformer Decommissioning
 Record w/ attachments

ER ID # 616133
(For RPF use only.)

Section II (to be completed by RPF personnel only)

Name: David Valdez Signature: [Signature] Date: 7/5/00
Print name Signature Date

This form is subject to change.

OP-4.4

Los Alamos
Environmental Restoration Project