

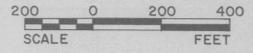
REMOVAL OF ON-SITE TRANSFORMERS (SEE NOTE e)						
DESIG. NO.	PCB CONCENTRATION (PPM)	APPROXIMATE DIMENSIONS L x W x H OR DIA. x H (FT.) (SEE NOTE d)	CAPACITY (GALLONS) (SEE NOTE d)	LOCATION (SEE NOTE c)	CLASSIFICATION UNDER 40 CFR 761	
2	340,000	12 x 6 x 10	423	Pad Mounted	PCB Transformer	
3	910,000	12 x 6 x 12	430	Pad Mounted	PCB Transformer	
4	390,000	12 x 6 x 10	423	Pad Mounted	PCB Transformer	
5	370,000	15 x 6 x 10	475	Pad Mounted	PCB Transformer	
6	360,000	12 x 5 x 15	430	Pad Mounted	PCB Transformer	
7	380,000	12 x 5 x 10	430	Pad Mounted	PCB Transformer	
8	380,000	9 x 5 x 7	475	Pad Mounted	PCB Transformer	
9	370,000	12 x 5 x 10	475	Pad Mounted	PCB Transformer	
10	370,000	12 x 5 x 10	475	Pad Mounted	PCB Transformer	
11	380,000	18 x 8 x 10	430	Pad Mounted	PCB Transformer	
12	350,000	20 x 8 x 12	430	Pad Mounted	PCB Transformer	
13	370,000	14 x 8 x 10	475	Pad Mounted	PCB Transformer	
14	142	2 x 2 x 5	48	Pad Mounted	PCB-Contaminated Electrical Equipment	
15	211	2 x 2 x 5	48	Pad Mounted	PCB-Contaminated Electrical Equipment	
16	290	2 x 2 x 5	48	Pad Mounted	PCB-Contaminated Electrical Equipment	
17	< 0.5	4 x 4 x 6	330	Pad Mounted	NO PCB'S	
18	< 0.5	12 x 8 x 18	2160	Pad Mounted	NO PCB'S	
19	< 0.5	12 x 8 x 18	2160	Pad Mounted	NO PCB'S	
20	25	12 x 8 x 18	2430	Pad Mounted	NO PCB'S	
21	< 0.5	2 x 2 x 3	45	Pad Mounted	NO PCB'S	
22	N.S.	1 x 2	15	Pole Mounted	Not classified	
24	3.5	3 x 5	98	Pole Mounted	NO PCB'S (SEE NOTE b)	
25	1.0	3 x 5	71	Pole Mounted	NO PCB'S (SEE NOTE b)	
26	1.0	3 x 5	17	Pole Mounted	NO PCB'S (SEE NOTE b)	
27	1.5	2 x 3	75	Pole Mounted	NO PCB'S	
28	5.5	1 x 2	15	Pole Mounted	NO PCB'S	
29	223	3 x 5	50	Pole Mounted (See Note f)	PCB-Contaminated Electrical Equipment	
30	208	3 x 5	50	Pole Mounted (See Note f)	PCB-Contaminated Electrical Equipment	
31	2.5	2 x 3 x 4	75	Pole Mounted	NO PCB'S	
32	N.S.	3 x 5	50	Pole Mounted	Not Classified	
37	380,000	4 x 2 x 5	200	Roof Mounted	PCB Transformer	
38	400,000	5 x 2 x 6	250	Roof Mounted	PCB Transformer	
39	420,000	6 x 2 x 7	350	Roof Mounted	PCB Transformer	
41	68	4 x 2 x 9	90	Wall Mounted	PCB-Contaminated Electrical Equipment	
42	3.5	4 x 2 x 4	90	Wall Mounted	NO PCB'S	
43	2.5	4 x 2 x 4	90	Wall Mounted	NO PCB'S	
45	N.S.	1 x 3	Unknown	On Ground (Scrap)	Not Classified	

- NOTES:
- a. N.S. - NOT SAMPLED.
  - b. TRANSFORMER HAS PCB CONTAMINATED CAPACITOR ATTACHED.
  - c. DESIGNATED NOS 37, 38, 39, 41, 42 & 43 ARE ALL LOCATED ON ROOF OF BUILDING 407.
  - d. ALL DIMENSIONS AND LIQUID VOLUMES ARE APPROXIMATE.
  - e. ITEM NOS 41, 42 & 43 ARE ELECTRICAL SWITCHES.
  - f. AS OF JANUARY 20, 1988, THESE TRANSFORMERS HAVE BEEN MOVED INSIDE BUILDING NO. 408.

- NOTES:
1. REFERENCE MONUMENT COORDINATES  
AEC GRID COORDINATES = ORD. WORKS GRID COORDINATES  
N 100,000 = N 21,396.33  
W 50,000 = E 20,872.19
  2. TRANSFORMER DATA AND LOCATION ARE BASED ON MK-FERGUSON TRANSFORMER SAMPLING REPORT DATED APRIL 17, 1987.

REFERENCE DRAWINGS:  
512IE-CP-582 LOCATION MAP, VICINITY MAP AND LIST OF DRAWINGS

- LEGEND:
- ===== PAVED ROAD (ASPHALT OR CONCRETE)
  - GRAVELED ROAD
  - OLD ROAD BED
  - x-x- FENCE
  - S ELECTRICAL SUBSTATION
  - ELECTRICAL TRANSFORMER
  - ▲ ELECTRICAL SWITCH



MKE DOCUMENT NO. 512I-C-DW-D-01-0180-01

**U. S. DEPARTMENT OF ENERGY**  
OAK RIDGE, TENNESSEE

**CHEMICAL PLANT**  
CONSTRUCTION DRAWINGS

**TRANSFORMER LOCATION PLAN**

DESIGNED <i>[Signature]</i>	DRAWN WSO/JMM	DATE	CHIEF ENG./QA MGR.	DATE	PMC ENG'S. MGR.	DATE	DOE PROJ. ENG.	DATE
CHECKED <i>[Signature]</i>								
INSPECTED <i>[Signature]</i>								
RECOMMENDED <i>[Signature]</i>								
APPROVED <i>[Signature]</i>								

MORRISON-KNUDSEN ENGINEERS, INC.  
WSSRA PROJECT  
180 HOWARD ST. SAN FRANCISCO, CA 94105

PROJECT NO. DE-AC05-86OR21548  
DRAWING NO. 512IE-CP-583  
REV 1



NO.	DATE	REVISIONS	BY	CK	DES. MGR.	CHIEF ENG.	QA MGR.	ENGR. MGR.	QA MGR.	DOE APP.
1	27-88	ADDED NOTE f & MODIFIED LEGEND PER MK-F REQUEST	JMM							
2	4-30-87	ISSUED FOR CONSTRUCTION								