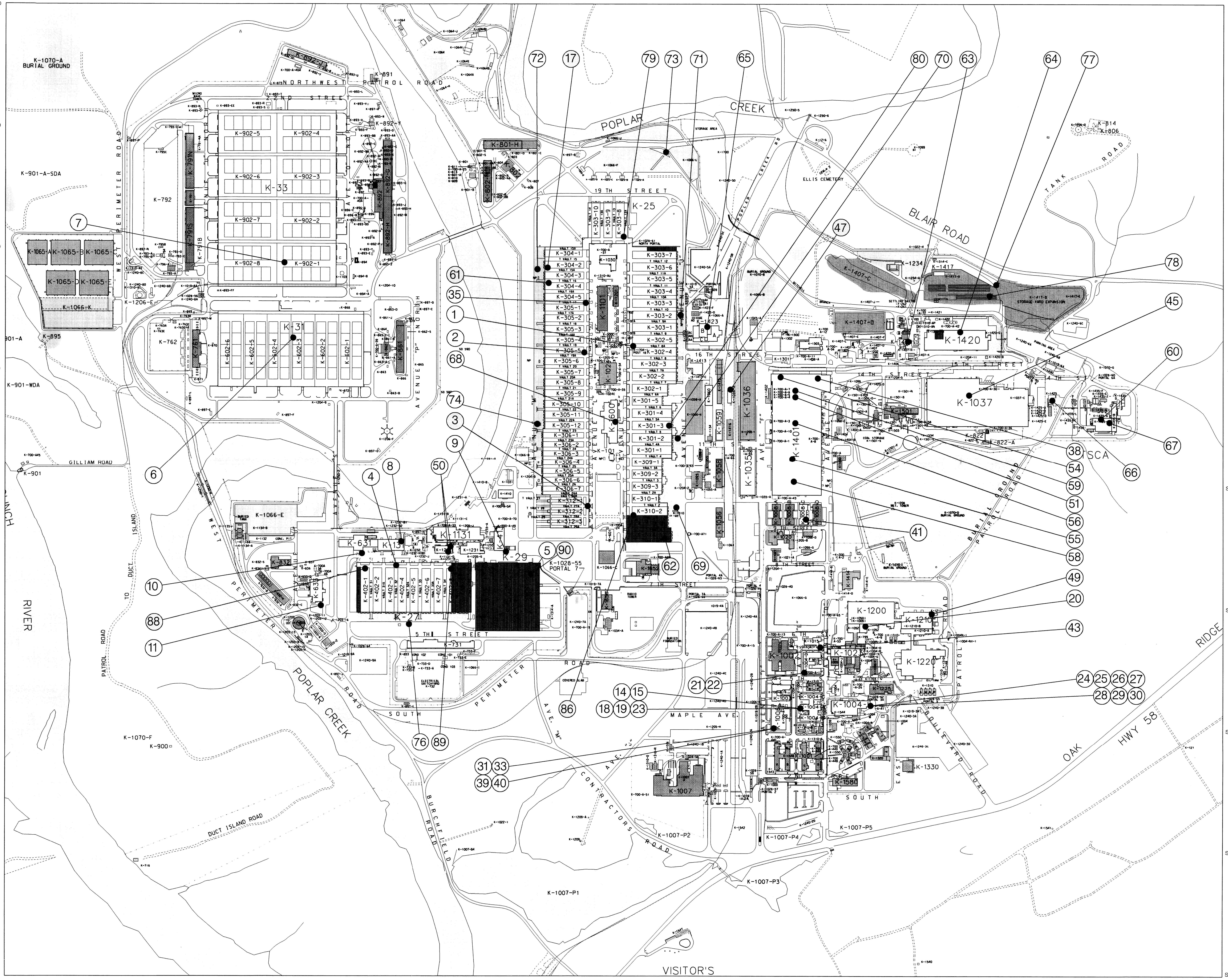
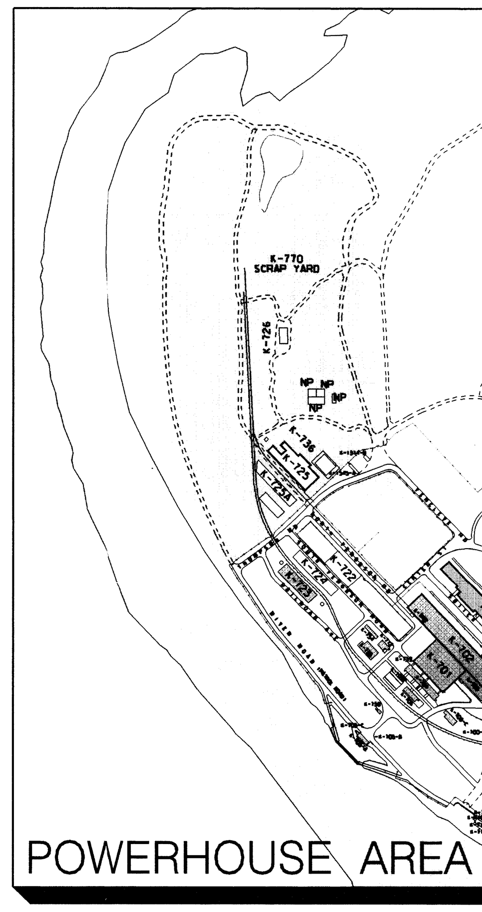
K-25 SITE RADIOLOGICAL BUILDINGS & BOUNDARY CONTROL STATIONS





RADIOLOGICAL BUILDINGS

LOCATION		AREA STATUS	GRID
K-25 GASEOUS DIFFUSION PROCESS BLDG	BCS	HCA/CA/RA/SHUTDOWN	E4
K-25 VAULTS ASSORTED STORAGE	BCS	HCA/CA/RA/ACTIVE	E4
K-27 GASEOUS DIFFUSION PROCESS BLDG	BCS	HCA/CA/SHUTDOWN	D6
K-27 VAULTS ASSORTED STORAGE	BCS	HCA/CA/RA/ACTIVE	D6
K-29 GASEOUS DIFFUSION PROCESS BLDG	BCS	HCA/CA/SHUTDOWN	E6
K-31 GASEOUS DIFFUSION PROCESS BLDG	BCS	HCA/CA/SHUTDOWN	D4
K-33 GASEOUS DIFFUSION PROCESS BLDG	BCS	HCA/CA/SHUTDOWN	D3
K-101 CENTRIFUGE FACILITY		CA/SHUTDOWN	E5
K-131 MAINTENANCE FACILITY	BCS	HCA/CA/SHUTDOWN	D6
K-413 GASEOUS DIFFUSION PRODUCT WITHDRAWAL FAC	BCS	HCA/CA/SHUTDOWN	E6
K-601 (THIRD FLR) GASEOUS DIFF TAILS WITHDRAWAL FAC		HCA/CA/SHUTDOWN	E6
K-631 GASEOUS DIFFUSION TAILS WITHDRAWAL.FAC	BCS	HCA/CA/SHUTDOWN	D6
K-633 GASEOUS DIFFUSION TEST LOOP FACILITY	BCS	HCA/CA/RA/SHUTDOWN	D6
K-704 STORES STORAGE		RMA/INACTIVE	B11
K-711 HAZARDOUS WASTE STORAGE		FCA/ACTIVE	B12
K-722 (FOUNDATION ONLY)		FCA/ACTIVE	B11
K-724 STORES STORAGE		CA/ACTIVE	B11
K-725 WASTE MANAGEMENT WAREHOUSE		CA/INACTIVE	B10
K-725-A COOLING TOWER (PAD ONLY)		CA/SHUTDOWN	B11
K-726 HAZARDOUS WASTE STORAGE		CA/ACTIVE	B10
K-731 SWITCH HOUSE		CA/ACTIVE	D7
K-766 STORAGE SHED PHA		RMA/INACTIVE	C12
K-770 CONTAMINATED SCRAP METAL YARD		CA/RadA/ACTIVE	B10
K-797 SWITCHGEAR ROOM (K-1004-J)		CA/ACTIVE	F7
K-798 SWITCHGEAR ROOM (K-1023)		CA/ACTIVE	F7
K-895 WASTE MANAGEMENT STORAGE		CA/INACTIVE	C4
K-901-A POND		CA/SHUTDOWN	C4
K-1003 (COMPRESSOR ROOM) MEDICAL/INDUSTRIAL HYGIENE		CA	F7
K-1004-A LABORATORY FACILITY	BCS	FCA/CA/ACTIVE	F7
K-1004-B LABORATORY FACILITY	BCS	HCA/CA/ACTIVE	F7
K-1004-C LABORATORY FACILITY	BCS	CA/ACTIVE	F7
K-1004-D LABORATORY FACILITY	BCS	CA/ACTIVE	F7
K-1004-E LABORATORY WASTE FACILITY		CA/ACTIVE	F7
K-1004-F LABORATORY STORAGE		CA/ACTIVE	F7
K-1004-H LABORATORY CYLINDER STORAGE		CA/ACTIVE	F7
K-1004-J POWER ELECTRONICS LABORATORY FACILITY		CA/ACTIVE	F7
K-1004-L LABORATORY FACILITY	BCS	CA/HCA/ACTIVE	F7
K-1004-M SWITCHGEAR ROOM (K-700-A-41)		CA/ACTIVE	F7
K-1004-P ISOSTATIC TEST LABORATORY FACILITY		CA/SHUTDOWN	F7
K-1004-S ATD LABORATORY FACILITY		CA/ACTIVE	F7
K-1006 LABORATORY FACILITY	BCS	FCA/CA/ACTIVE	F7
K-1008-C (RESPIRATORY LAUNDERING) FACILITY	BCS	CA/ACTIVE	F6
K-1009 ATD FACILITY		RMA/SHUTDOWN	F7
K-1010 ATD FACILITY		RMA/ACTIVE	F7
K-1015 LAUNDRY FACILITY	BCS	HCA/ACTIVE	F7
K-1020 HEALTH PHYSICS/TRAINING		RMA/ACTIVE	F6
K-1023 POLYMER LABORATORY FACILITY		CA/IC/ACTIVE	F7
K-1024 LAB, FILTER TEST FACILITY		RMA/ACTIVE	E5
K-1025-A RADIATION SOURCE STORAGE		RA/CA/ACTIVE	E3
K-1025-B DRUM SHIPPING WAREHOUSE		CA/ACTIVE	E3
K-1025-C DRUM SHIPPING WAREHOUSE		CA/ACTIVE	E3
K-1025-D RADIATION SOURCE STORAGE		RA/CA/ACTIVE	E3
K-1025-E WAREHOUSE		CA/SHUTDOWN	E3
K-1030 ADMINISTRATION BLDG (ITP)		CA/ACTIVE	E4
K-1031 VACANT MAINTENANCE		CA/SHUTDOWN	E5
K-1031-A EXTENSION TO K-1031		CA/SHUTDOWN	E5
K-1035 MAINTENANCE FACILITY		HCA/CA/ACTIVE	F5
K-1036 STORES		RMA/ACTIVE	F5
K-1036-A WASTE MANAGEMENT STORAGE	BCS	CA/ACTIVE	E5
K-1037 AVLIS	BCS	HCA/RA/CA/ACTIVE	G5
K-1037-C SMELTER HOUSE		CA/SHUTDOWN	G5
K-1052 GASEOUS DIFFUSION CENTRIFUGE	BCS	CA/SHUTDOWN	F7
K-1052-B ATD LAB & OFFICES		RMA/ACTIVE	F7
K-1059 STORES		RMA/SHUTDOWN	E5
K-1060 STORES		CA/SHUTDOWN	E5
K-1064 MAINTENANCE STORAGE		CA/HCA/ACTIVE	D2
K-1065-A PWMP DRUM STORAGE		RMA/ACTIVE	C4
K-1065-B PWMP DRUM STORAGE		RMA/ACTIVE	C4
K-1065-C PWMP DRUM STORAGE		RMA/ACTIVE	C4
K-1065-D PWMP DRUM STORAGE		RMA/ACTIVE	C4
K-1065-E PWMP DRUM STORAGE		RMA/ACTIVE	C4
K-1066-B UF6 CYLINDER YARD		CA/ACTIVE	E4
K-1066-E UF6 CYLINDER YARD		CA/ACTIVE	D6
K-1066-F UF6 CYLINDER YARD		HCA/ACTIVE	E3
K-1066-H UF6 CYLINDER YARD		RMA/ACTIVE	E5
K-1066-J UF6 CYLINDER YARD		CA/ACTIVE	E3
K-1066-K UF6 CYLINDER YARD		CA/ACTIVE	C4
K-1066-L UF6 CYLINDER YARD	BCS	CA/ACTIVE	E3
K-1070-A CLOSED BURIAL GROUND		URM/SHUTDOWN	C2
K-1070-B CLOSED BURIAL GROUND		URM/SHUTDOWN	F4
K-1070-C CLOSED BURIAL GROUND		URM/SHUTDOWN	F6
K-1070-D CLOSED BURIAL GROUND		URM/SHUTDOWN	F6
K-1071 DRUM COMPACTOR		CA/SHUTDOWN	B10
K-1101 AIR PLANT		RMA/SHUTDOWN	E4
K-1131 GASEOUS DIFFUSION FEED & WITHDRAWAL	BCS	HCA/SHUTDOWN	D6
K-1132 STORAGE TANK SHED		CA/INACTIVE	C6
K-1133 STORAGE TANK SHED		CA/INACTIVE	C6
K-1134 STORES		RMA/ACTIVE	E5
K-1134-B HF STORAGE TANK SHED		CA/INACTIVE	C6
K-1135 HF STORAGE TANK SHED		CA/INACTIVE	C6
K-1200 (SOUTH BAY) GASEOUS DIFFUSION CENTRIFUGE		HCA/CA/SHUTDOWN	F7
K-1200 (CENTER BAY) POLYMER TEST LABORATORY		HCA/CA/ACTIVE	F7
K-1202 WASTE STORAGE UNIT		IC/ACTIVE	F4
K-1203-05 EAST SEWER TREATMENT SLUDGE DRYING BED		CA/ACTIVE	D7
K-1203-06 WEST SEWER TREATMENT SLUDGE DRYING BED		CA/ACTIVE	D7
K-1210 GASEOUS CENTRIFUGE FACILITY	BCS	HCA/CA/SHUTDOWN	F7
K-1210-A GASEOUS CENTRIFUGE FACILITY		CA/SHUTDOWN	F7
K-1211 GASEOUS CENTRIFUGE FACILITY		CA/ACTIVE	F7
K-1220 GASEOUS CENTRIFUGE FACILITY		CA/IC/SHUTDOWN	F7
K-1231 GASEOUS DIFFUSION PROCESS FACILITY		CA/ACTIVE	D6
K-1231-B WASTE MANAGEMENT FACILITY		CA/ACTIVE	D6
K-1232 CHEMICAL TREATMENT FACILITY	BCS	CA/ACTIVE	D6
K-1233 COLLECTION FACILITY		CA/SHUTDOWN	D6
K-1300 TOLL ENRICHMENT EXHAUST STACK		HCA/SHUTDOWN	F4
K-1301 UTILITIES STORAGE AREA		CA/ACTIVE	F4
K-1302 SMALL CYLINDER STORAGE		CA/ACTIVE	F4
K-1303 GASEOUS DIFFUSION COMPRESSOR TEST FAC		CA/SHUTDOWN	F4
K-1310-AW HEALTH PHYSICS STORAGE		RMA/ACTIVE	F7
K-1401 MAINTENANCE FACILITY	BCS	FCA/HCA/CA/ACTIVE	F5
K-1405-6 ENVIRONMENTAL STACK SAMPLING		CA/SHUTDOWN	F4
K-1407 JANITORIAL SERVICES STORAGE BLDG		CA/ACTIVE	F4
K-1407-B SETTLING POND		CA/SHUTDOWN	F4
K-1407-C SETTLING POND		CA/SHUTDOWN	F4
K-1407-H TANKS		IC/ACTIVE	F4
K-1407-J BASIN (INSIDE BASIN ONLY)		CA/IC/ACTIVE	F4
K-1410 DECONTAMINATION & PLATING		CA/SHUTDOWN	E6
K-1413 LABORATORY DEVELOPMENT		HCA/CA/SHUTDOWN	E4
K-1414 GARAGE		RMA/ACTIVE	F6
K-1415 STORES		RMA/ACTIVE	E5
K-1416 STORES		RMA/ACTIVE	E5
K-1417 PWMP BARREL YARD	BCS	CA/SHUTDOWN	F4
K-1419 CENTRIFUGE	BCS	CA/SHUTDOWN	F4
K-1419 SLUDGE FIXATION FACILITY		CA/SHUTDOWN	F4
K-1420 DECONTAMINATION FACILITY	BCS	HCA/CA/RA/ACTIVE	F4
K-1420-A SOLVENT STORAGE TANK		IC/ACTIVE	F4
K-1420-C CYLINDER STORAGE		CA/SHUTDOWN	F4
K-1421 SOLID WASTE INCINERATOR		RA/HCA/CA/SHUTDOWN	F4
K-1422 OIL INCINERATOR		CA/SHUTDOWN	F4
K-1423 WASTE STAGING/PROCESSING FACILITY	BCS	HCA/CA/ACTIVE	E4
K-1425 WASTE OIL STORAGE BLDG	BCS	CA/ACTIVE	G5
K-1425A, B, C, D WASTE OIL TANK (22K GAL)	BCS	CA/ACTIVE	G5
K-1425-E WASTE OIL FACILITY	BCS	CA/ACTIVE	G5
K-1430 MAINTENANCE STORAGE		CA/ACTIVE	G4
K-1435-A TSCA OPERATIONS OFFICE, LAB & CTRL BLDG	BCS	CA/ACTIVE	G5
K-1435-B TSCA DRUM STORAGE & UNLOADING AREA	BCS	CA/ACTIVE	G5
K-1435-C TSCA STORAGE TANK FARM	BCS	CA/ACTIVE	G5
K-1435-D TSCA INCINERATOR FACILITY	BCS	CA/ACTIVE	G5
K-1600 GASEOUS CENTRIFUGE		CA/SHUTDOWN	E5

BOUNDARY CONTROL STATIONS

No.	Location	Grid
1	K-25 EAST PORTAL (302-4)	E4
2	K-25 WEST PORTAL (305-6)	E4
3	K-312-1 (SECURITY USE ONLY)	E6
4	K-27	D6
5	K-29	E6
6	K-31	D4
7	K-33	D4
8	K-131	D6
9	K-413	E6
10	K-631	D6
11	K-633	D6
14	K-1004-A, RM. 2	F7
15	K-1004-A, RM. 19	F7
17	K-25, VAULT 15A	E4
18	K-1004-C, EAST END	F7
19	K-1004-C, WEST END	F7
20	K-1052, HIGH BAY	F7
21	K-1004-D, RM. 31	F7
22	K-1004-D, RM. 37	F7
23	K-1004-A, DOCK	F7
24	K-1004-L, RM. 10	F7
25	K-1004-L, PILOT PLANT WEST END	F7
26	K-1004-L, NEAR RM. 11	F7
27	K-1004-L, RM. 16B	F7
28	K-1004-L, RM. 21	F7
29	K-1004-L, RM. 25	F7
30	K-1004-L, RM. 105	F7
31	K-1006, RM. B-102	F7
33	K-1006, RM. C-104	F7
35	K-25, DR. RM	E4
38	K-1401, NORTH END	F5
39	K-1006, RM. D-107	F7
40	K-1006, RM. D-109	F7
41	K-1008-C, RESP CLEAN	F6
43	K-1015	F7
45	K-1037	F5
47	K-1036-A	E5
49	K-1210, DOOR 30	F7
50	K-1232	D6
51	K-1303	F4
54	K-1401, RM. 31	F4
55	K-1401, CTR OF 2 ISLE	F5
56	K-1401, CTR OF 1 ISLE	F5
58	K-1401, COLUMN D-21	F5
59	K-1401, JIG & FIXTURE	F5
60	K-1435 TSCA LAB	G5
61	K-25, VAULT 16A	E4
62	K-25, VAULT IX	E6
63	K-1419, CENTRIFUGE	F4
64	K-1420	F4
65	K-1423	E4
66	K-1425	G5
67	K-1435	G5
68	K-1600	E5
73	K-1066-L CYLINDER YARD	E3
77	K-1417 NORTH TRAILER	F4
78	K-1417	F4
79	K-25, DOOR 55	E3
86	K-25, EAST SIDE	E6
88	K-27, 402-1	D6
89	K-27, 402-8	D6
90	K-29, COLUMN C-21	E6

VAULTS

No.	Location	Grid
69	K-25 SOUTHEAST TRAILER	E6
70	K-25 MIDEAST TRAILER	E5
71	K-25 NORTHEAST TRAILER	E4
72	K-25 NORTHWEST TRAILER	E4
74	K-25 SOUTHWEST TRAILER	E5
76	K-27 TRAILER	D7
80	K-25, VAULT 301-3	E5

Tc-99 AREAS

K-25, 303-7 W/D ALLEY..E4	K-29, CELL FLOOR ONLY...E6
K-25, 310-1,2,3.......E6	K-31/33,ALUMINA TRAPS...C3
K-27, 402-1...........D6	K-33, BOOSTER STATION...C3
K-27, 402-8,9.........D6	K1420 VALVE SHOP.......F4
K-1401, BASEMENT......F4	

TRU AREAS

Location	Status	Grid
K-1064 MAINTENANCE STOR	CA/HCA/ACTIVE	D2
K-1407-B SETTLING POND	CA/SHUTDOWN	F4
K-1407-C SETTLING POND	CA/SHUTDOWN	F4
K-1416 STORES	RMA/ACTIVE	E5
K-1417 PWMP BARREL YARD	CA/SHUTDOWN	F4
K-1419 CENTRIFUGE	CA/ACTIVE	F4
K-1419 SLUDGE FIXATION FAC	CA/SHUTDOWN	F4
K-1420 DECONTAMINATION FAC	CA/HCA/ACTIVE	F4

LEGEND

- CONTAMINATED FACILITIES
- NON-RADIOLOGICAL FACILITIES
- OUTDOOR RADIOLOGICAL AREAS
- RADIOACTIVE MATERIAL AREAS
- OUTDOOR TRU AREAS
- Tc-99 AREAS
- FENCE
- BOUNDARY CONTROL STATION LOCATION
- NUMBER PENDING

BLDG.	AVERAGE ENRICHMENTS
K-25	> 20 - 95%
K-27	12%
K-29	3%
K-31	1.2%
K-33	0.74%
K-631	< 0.711%
K-633	< 0.711%
K-1131 (PARTIAL)	< 0.711%

NOTES:

BUILDINGS AND OUTDOOR AREAS WITHIN THE CONTAMINATED CATEGORY MAY CONTAIN SECTIONS WHICH ARE NOT CONTAMINATED

CA = CONTAMINATION AREA
HCA = HIGH CONTAMINATION AREA
IC = INTERNAL CONTAMINATION

RMA = RADIOACTIVE MATERIAL AREA
URM = UNDERGROUND RADIOACTIVE MATERIALS
BCS = BOUNDARY CONTROL STATION(S) LOCATED IN THIS FACILITY, OR ACCESSIBLE FROM THIS FACILITY

RA = RADIATION AREA
TRU AREA = THIS FACILITY,OR PARTS OF IT, HAVE BEEN POSTED & CONTROLLED TO TRU LIMITS.

RMA's ARE ONLY LISTED IF AN RMA IS THE ONLY RADIOLOGICAL AREA FOR THAT FACILITY.

THIS IS THE OFFICIAL K-25 SITE MAP WHICH IS A LIVING DOCUMENT AS APPROVED BY:

ORIGINAL SIGNED

L.E. HALL SITE MANAGER
K-25 SITE, OAK RIDGE, TN., JUNE 19, 1991

THE CIVIL ENGINEERING GIS APPLICATIONS CENTER (6-0148) IS RESPONSIBLE FOR THE MANAGEMENT AND MAINTENANCE OF THIS DATA THE STRUCTURAL AND ARCHITECTURAL SECTIONS (4-9500) OF CENTRAL ENGINEERING IS RESPONSIBLE FOR THE ASSIGNMENT OF BUILDING NUMBERS. MODIFICATION TO EITHER THE MAP DATA OR BUILDING NUMBERS IS BY AUTHORIZATION AND APPROVAL ONLY.

SCALE 0 400 800 1200 FEET

THE GRID AND COORDINATES AS SHOWN REPRESENT THE K-25 PLANT GRID SYSTEM

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MARTIN MARIETTA ENERGY SYSTEMS,INC.
DOE FIELD OFFICES
OAK RIDGE, TENNESSEE • PADUCAH, KENTUCKY

K-25 SITE
RADIOLOGICAL BUILDINGS & BOUNDARY CONTROL STATIONS

PES-240-030392 (REV 3)

PREPARED BY CVGIS APPLICATIONS CTR 01/17/95

This document has been approved for release to the public by: [signature] 2/4/97 Technical Information Office, Oak Ridge K-25 Site

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