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ChemRisk/Shonka Research Associates, Inc., Document Request Form

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J. Lamb / 1034A

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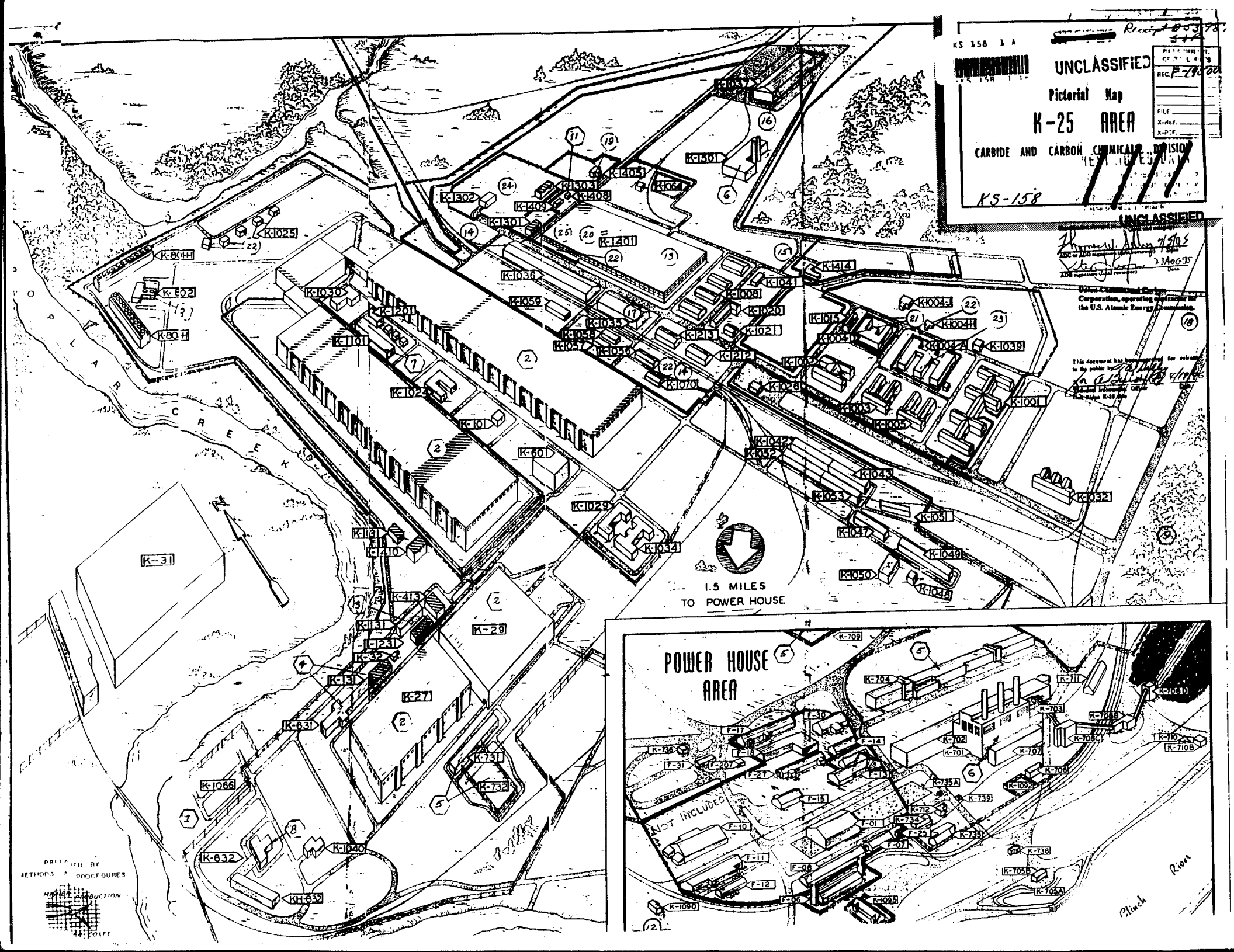

KS 158 1 A
UNCLASSIFIED
Pictorial Map
K-25 AREA
CARBIDE AND CARBON CHEMICALS DIVISION
KS-158
UNCLASSIFIED
Union Carbide and Carbon Corporation, operating contractor for the U.S. Atomic Energy Commission.
1.5 MILES TO POWER HOUSE
POWER HOUSE AREA
NOT INCLUDED
Clinch River
POPLAR CREEK
K-31
K-29
K-27
K-1037
K-1501
K-1405
K-1064
K-1302
K-1303
K-1408
K-1409
K-1301
K-1401
K-1025
K-801H
K-802
K-1036
K-1059
K-1030
K-1201
K-1101
K-1035
K-1058
K-1057
K-1056
K-1213
K-1212
K-1070
K-1008
K-1020
K-1021
K-1414
K-1041
K-1015
K-1004J
K-1004H
K-1004D
K-1004A
K-1039
K-1002
K-1028
K-1003
K-1005
K-1001
K-1024
K-101
K-601
K-1042
K-1052
K-1043
K-1053
K-1051
K-1032
K-1029
K-1034
K-1047
K-1049
K-1050
K-1048
K-413
K-1131
K-1231
K-32
K-131
K-631
K-731
K-732
K-1066
K-832
K-1040
KH-832
K-709
K-704
K-711
K-703
K-708D
K-708B
K-708C
K-710
K-710B
K-702
K-701
K-707
K-706
K-735A
K-739
K-1092
K-712
K-734
K-735
K-738
K-705B
K-705A
K-1095
K-1090
F-30
F-17
F-18
F-14
F-13
F-31
F-207
F-27
F-15
F-10
F-01
F-25
F-07
F-11
F-08
F-12
F-06
PRELIMINARY METHODS AND PROCEDURES

OR EMERGENCIES AFFECTING CASCADE OPERATION

The Emergency	Other Areas Affected
Explosion, HF release	Entire plant
Explosion, ClF_3 release	Adjacent Buildings
Explosion; HF, F_2, UF_6 release	K-27, K-29, K-1410, K-1131, K-631
UF_6 release	K-1131, K-27, K-632
Explosion, fire, electrical failure	Entire plant
Coal dust or gas explosion; fire, live steam release	Entire plant
NH_3 release, air failure	K-1070, K-1071 [illegible] if NH_3 release; entire plant, air failure
Equipment failure, Cl_2 release	Cascade
Equipment failure	Plant instrumentation
Possible critical mass	Plant
Equipment failure	Cascade operation (loss of N_2)
EMERGENCIES NOT LIKELY TO AFFECT CASCADE OPERATION	
Explosion, fire	K-1000
Dust explosion	K-1401
Explosion, Cl_2 release	K-1300 Area, K-1401, Plant II, Stores
Explosion, fire	K-1411, K-1401, K-1075, K-1076
NH_3 release, natural gas or NH_3 explosion, fire	K-1501, K-1407, K-1401, K-1400, and K-1411
Fire, explosion	K-1213, K-1401
Fire, explosion, material release	Plant area where accident occurs
Explosion; UF_6, F_2, HF release	K-1401, K-1407, K-1300 Area
Explosion; UF_6, F_2, HF release	~~K-1401~~ K-1400, K-1300 Area, K-1076
F_2 release	K-1015, K-1007, K-1005, K-1001, K-1002
Explosion, fire	Immediately adjacent areas
UF, release, ventilation contamination	K-1015, K-1007, K-1005, K-1001, K-1002
F_2, UF_6, ClF_3 release and/or explosion	K-1401, K-1407, K-1408, K-1076
Nickel carbonyl, F_2 release	K-1401, K-1407, K-1400, K-1076, K-1300 Area