U.S. Department of Energy
Categorical Exclusion Determination Form

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Proposed Action Title: Pest Control within Buildings at 44 Substations located in Coconino, La Paz, Maricopa, Mohave, Navajo, Pinal, Pima, Yavapai & Yuma Counties, Arizona; Imperial, Riverside & San Bernardino Counties, California; & Clark County, Nevada

Program or Field Office: Western Area Power Administration/ Desert Southwest Region

Location(s) (City/County/State): Arizona, California, and Nevada (see attached list)

Proposed Action Description:

Western plans to control pests using methods such as pesticides, repellents, bait or traps inside control, communication, and storage buildings at 44 substations (see attached list). This work is needed to maintain the reliability and safety of the bulk electric system. For example, termites can damage the roof and structure to the point of failure and their litter can accumulate inside electrical or communications equipment causing them to fail.

Western plans to implement pest control methods two-to-four times a year, and this treatment may be supplemented based on visual evidence of continued pest activity. Western plans to conduct this maintenance action between 6/10/2013 and 9/30/2014.

Special Conditions:

1) Workers implementing pest control methods shall follow the manufacturer's instructions, and all Federal, State and local codes and regulations.
2) Workers implementing pest control methods shall be licensed or certified for such work by the appropriate jurisdiction.

Categorical Exclusion(s) Applied:

B1.3 - Routine maintenance

For the complete DOE National Environmental Policy Act regulations regarding categorical exclusions, including the full text of each categorical exclusion, see Subpart D of 10 CFR Part 1021.

Regulatory Requirements in 10 CFR 1021.410(b): (See full text in regulation)

☑ The proposal fits within a class of actions that is listed in Appendix A or B to 10 CFR Part 1021, Subpart D.

To fit within the classes of actions listed in 10 CFR Part 1021, Subpart D, Appendix B, a proposal must be one that would not: (1) threaten a violation of applicable statutory, regulatory, or permit requirements for environment, safety, and health, or similar requirements of DOE or Executive Orders; (2) require siting and construction or major expansion of waste storage, disposal, recovery, or treatment facilities (including incinerators), but the proposal may include categorically excluded waste storage, disposal, recovery, or treatment actions or facilities; (3) disturb hazardous substances, pollutants, contaminants, or CERCLA-excluded petroleum and natural gas products that preexist in the environment such that there would be uncontrolled or unpermitted releases; (4) have the potential to cause significant impacts on environmentally sensitive resources, including, but not limited to, those listed in paragraph B(4) of 10 CFR Part 1021, Subpart D, Appendix B; (5) involve genetically engineered organisms, synthetic biology, governmentally designated noxious weeds, or invasive species, unless the proposed activity would be contained or confined in a manner designed and operated to prevent unauthorized release into the environment and conducted in accordance with applicable requirements, such as those listed in paragraph B(5) of 10 CFR Part 1021, Subpart D, Appendix B.

☑ There are no extraordinary circumstances related to the proposal that may affect the significance of the environmental effects of the proposal.

☑ The proposal has not been segmented to meet the definition of a categorical exclusion. This proposal is not connected to other actions with potentially significant impacts (40 CFR 1508.25(a)(1)), is not related to other actions with individually insignificant but cumulatively significant impacts (40 CFR 1508.27(b)(7)), and is not precluded by 40 CFR 1506.1 or 10 CFR 1021.211 concerning limitations on actions during preparation of an environmental impact statement.

Based on my review of the proposed action, as NEPA Compliance Officer (as authorized under DOE Order 451.1B), I have determined that the proposed action fits within the specified class(es) of action, the other regulatory requirements set forth above are met, and the proposed action is hereby categorically excluded from further NEPA review.

NEPA Compliance Officer: David Marcuto Date Determined: 6·6·13

Checklist for Categorical Exclusion Determination, revised Nov. 2011

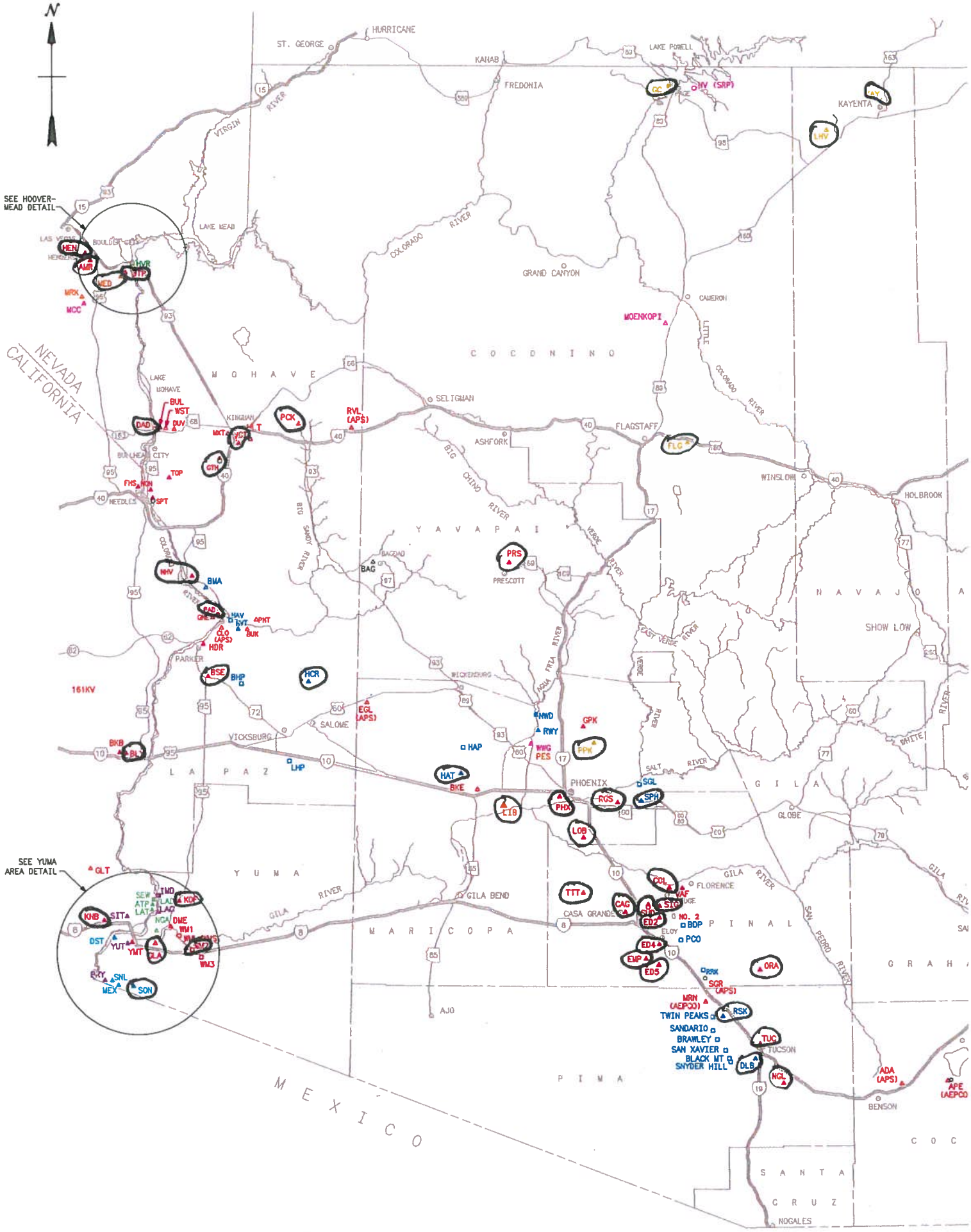
Application of Categorical Exclusions (1021.410)	Disagree	Agree	Unknown
(b)(1) The proposal fits within a class of actions that is listed in appendix A or B to subpart D.		X	
(b)(2) There are no extraordinary circumstances related to the proposal that may affect the significance of the environmental effects of the proposal, including, but not limited to, scientific controversy about the environmental effects of the proposal; uncertain effects or effects involving unique or unknown risks; and unresolved conflicts concerting alternate uses of available resources		X	
(b)(3) The proposal has not been segmented to meet the definition of a categorical exclusion. Segmentation can occur when a proposal is broken down into small parts in order to avoid the appearance of significance of the total action. The scope of a proposal must include the consideration of connected and cumulative actions, that is, the proposal is not connected to other actions with potentially significant impacts (40 CFR 1508.25(a)(1), is not related to other actions with individually insignificant but cumulatively significant impacts (40 CFR 1508.27(b)(7)), and is not precluded by 40 CFR 1506.1 or § 1021.211 of this part concerning limitations on actions during EIS preparation.		X	
B. Conditions that are Integral Elements of the Classes of Actions in Appendix B. :	NO	YES	UNKNOWN
(1) Threaten a violation of applicable statutory, regulatory, or permit requirements for environment, safety and health, or similar requirements of DOE or Executive Orders.	X		
(2) Require siting and construction or major expansion of waste storage, disposal, recovery, or treatment facilities (including incinerators), but the proposal may include categorically excluded waste storage, disposal, recovery, or treatment actions or facilities;	X		
(3) Disturb hazardous substances, pollutants, contaminants, or CERCLA-excluded petroleum and natural gas products that preexist in the environment such that there would be uncontrolled or unpermitted releases;	X		
(4) Have the potential to cause significant impacts on environmentally sensitive resources. An environmentally sensitive resource is typically a resource that has been identified as needing protection through Executive Order, statue, or regulation by Federal, state, or local government, or a federally recognized Indian tribe. An action may be categorically excluded if, although sensitive resources are present, the action would not have the potential to cause significant impacts on those resources (such as construction of a building with its foundation well above a sole-source aquifer or upland surface soil removal on a site that has wetlands). Environmentally sensitive resources include, but are not limited to:	X		
(i) Property (such as sites, buildings, structures, and objects) of historic, archaeological, or architectural significance	X		

	designated by a Federal, state, or local government, or property determined to be eligible for listing on the National Register of Historic Places;			
(ii)	Federally-listed threatened or endangered species or their habitat (including critical habitat) or Federally- proposed or candidate species or their habitat (Endangered Species Act); state-listed or state-proposed endangered or threatened species or their habitat; Federally-protected marine mammals and Essential Fish Habitat (Marine Mammal Protection Act; Magnuson-Stevens Fishery Conservation and Management Act); and otherwise Federally-protected species (such as under the Bald and Golden Eagle Protection Act or the Migratory Bird Treaty Act);	X		
(iii)	Floodplains and wetlands (as defined in 10 CFR 1022.4, —Compliance with Floodplain and Wetland Environmental Review Requirements: "Definitions," or its successor);	X		
(iv)	Areas having a special designation such as Federally- and state-designated wilderness areas, national parks, national monuments, national natural landmarks, wild and scenic rivers, state and Federal wildlife refuges, scenic areas (such as National Scenic and Historic Trails or National Scenic Areas), and marine sanctuaries;	X		
(v)	Prime or unique farmland, or other farmland of statewide or local importance, as defined at 7 CFR 658.2(a), —Farmland Protection Policy Act: Definitions,‖ or its successor;	X		
(vi)	Special sources of water (such as sole-source aquifers, wellhead protection areas, and other water sources that are vital in a region); and	X		
(vii)	Tundra, coral reefs, or rain forests.; or	X		
(5)	Involve genetically engineered organisms, synthetic biology, governmentally designated noxious weeds, or invasive species, unless the proposed activity would be contained or confined in a manner designed and operated to prevent unauthorized release into the environment and conducted in accordance with applicable requirements, such as those of the Department of Agriculture, the Environmental Protection Agency, and the National Institutes of Health.	X		

List of Substations Associated with the Categorical Exclusion for Pest Control within Buildings at 44 Substations located in Arizona, California and Nevada

Substation	County	State	No. of Planned Treatments*	Power System
Amargosa	Clark	Nevada	4	Parker Davis
Blythe	Riverside	California	2	Parker Davis
Boulder City Tap	Clark	Nevada	4	Parker Davis
Bouse	La Paz	Arizona	2	Parker Davis
Casa Grande	Pinal	Arizona	2	Parker Davis
Coolidge	Pinal	Arizona	4	Parker Davis
Davis	Mohave	Arizona	4	Parker Davis
Del Bac	Pima	Arizona	2	Central Arizona
Electrical District #2	Pinal	Arizona	2	Parker Davis
Electrical District #4	Pinal	Arizona	2	Parker Davis
Electrical District #5	Pinal	Arizona	2	Parker Davis
Empire	Pinal	Arizona	2	Parker Davis
Flagstaff	Coconino	Arizona	2	Colorado River Storage
Gila	Yuma	Arizona	4	Parker Davis
Glen Canyon	Coconino	Arizona	4	Colorado River Storage Project
Griffith	Mohave	Arizona	2	Parker Davis
Harcuvar	La Paz	Arizona	2	Central Arizona
Hassayampa Tap	Maricopa	Arizona	2	Central Arizona
Henderson	Clark	Nevada	4	Parker Davis
Kayenta	Navajo	Arizona	2	Colorado River Storage
Knob	Imperial	California	2	Parker Davis
Kofa	Yuma	Arizona	2	Parker Davis
Liberty	Maricopa	Arizona	2	Intertie
Lone Butte	Maricopa	Arizona	2	Parker Davis
Long House Valley	Navajo	Arizona	2	Colorado River Storage
McConnico	Mohave	Arizona	2	Parker Davis
Mead	Clark	Nevada	4	Boulder Canyon/ Intertie
Nogales	Pima	Arizona	2	Parker Davis
North Havasu	Mohave	Arizona	2	Parker Davis
Oracle	Pinal	Arizona	2	Parker Davis
Parker	San Bernardino	California	4	Parker Davis
Peacock	Mohave	Arizona	2	Parker Davis
Phoenix	Maricopa	Arizona	2	Parker Davis
Pinnacle Peak	Maricopa	Arizona	2	Colorado River Storage
Prescott	Yavapai	Arizona	2	Parker Davis
Rattlesnake	Pima	Arizona	2	Parker Davis
Rogers	Maricopa	Arizona	2	Parker Davis
Signal	Pinal	Arizona	2	Parker Davis
Sonora	Yuma	Arizona	4	Colorado River Salinity Control
Spook Hill	Maricopa	Arizona	2	Central Arizona
Sundance	Pinal	Arizona	2	Parker Davis
Test Track	Pinal	Arizona	2	Parker Davis
Tucson	Pima	Arizona	2	Parker Davis
Wellton Mohawk	Yuma	Arizona	2	Parker Davis

Note: * planned treatments may be supplemented based on visual evidence of continued pest activity.


N
SEE HOOVER-MEAD DETAIL
SEE YUMA AREA DETAIL
NEVADA
CALIFORNIA
MEXICO
HURRICANE
ST. GEORGE
KANAB
FREDONIA
LAKE POWELL
KAYENTA
VIRGIN RIVER
LAKE MEAD
COLORADO RIVER
GRAND CANYON
CAMERON
MOENKOPI
LITTLE COLORADO RIVER
C O C O N I N O
M O H A V E
LAKE MOHAVE
KINGMAN
SELIGMAN
FLAGSTAFF
ASHFORK
BIG CHINO RIVER
WINSLOW
HOLBROOK
BULLHEAD CITY
NEEDLES
BIG SANDY RIVER
Y A V A P A I
BAGDAD
PRESCOTT
VERDE RIVER
N A V A J O
SHOW LOW
EAST VERDE RIVER
PARKER
161KV
WICKENBURG
SALOME
VICKSBURG
L A P A Z
HAP
PHOENIX
SALT RIVER
G I L A
GLOBE
WHITE RIVER
Y U M A
GILA RIVER
GILA BEND
CASA GRANDE
FLORENCE
P I N A L
ELOY
M A R I C O P A
AJO
SAN PEDRO RIVER
G R A H
TWIN PEAKS
SANDARIO
BRAWLEY
SAN XAVIER
BLACK MT
SNYDER HILL
TUCSON
P I M A
BENSON
S A N T A
C R U Z
NOGALES
HEN
AMR
HVR
MED
MRK
MCC
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DUV
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NHV
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CLO (APS)
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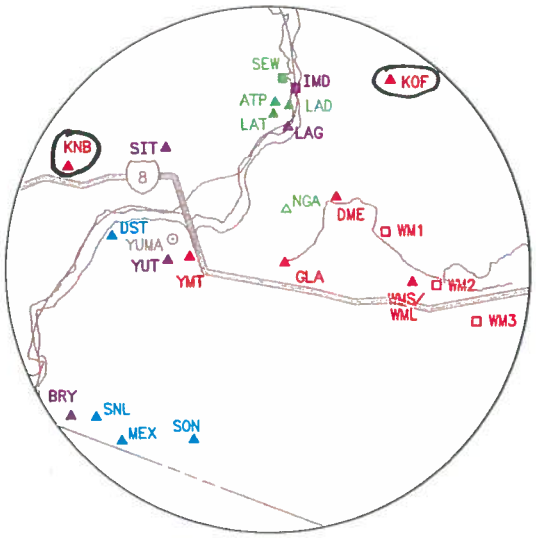
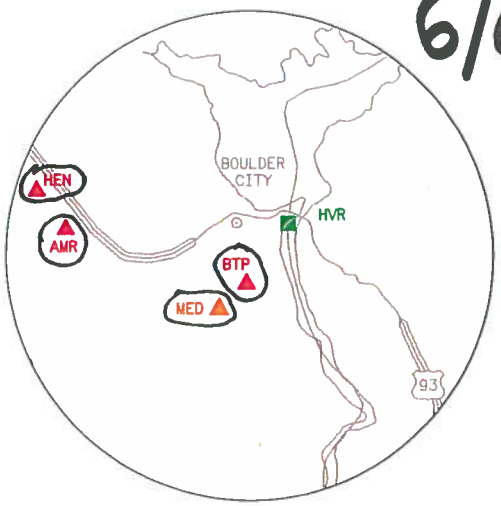
SON
TTT
CAG
COL
VAF
SIG
ED2
NO. 2
BDP
PCO
ED4
EMP
ED5
ORA
RRK
SGR (APS)
MRN (AEPCO)
RSK
TUC
DLB
NGL
ADA (APS)
APE (AEPCO)
HV (SRP)
LHV
FLG
PRS
PCK

6/6/13



YUMA AREA
DETAIL



HOOVER-MEAD
DETAIL

FACILITY IDENTIFICATION DESIGNATION

ADA__ADAMS
AMR__AMARGOSA
APE__APACHE
ATP__ARMY TAP
BAG__BAGDAD
BMA__BLACK MESA
BLY__BLYTHE
BTP__BOULDER CITY TAP
BRY__BOUNDARY
BSE__BOUSE
BHP__BOUSE HILLS PUMP PLANT
BDP__BRADY TAP PUMP PLANT
BKB__BUCK BOULEVARD
BKE__BUCKEYE
BUK__BUCKSKIN
BUL__BULLHEAD
CAG__CASA GRANDE
CLO__COLORADO
COL__COOLIDGE
DAD__DAVIS
DLB__DEL BAC
DST__DESALTER
DME__DOME
DUV__DUVAL TAP
EGL__EAGLE EYE
ED2__ELECTRICAL DISTRICT 2
ED4__ELECTRICAL DISTRICT 4
ED5__ELECTRICAL DISTRICT 5
EMP__EMPIRE
FHS__FIREHOUSE
FLG__FLAGSTAFF
GPK__GAVILAN PEAK
GNE__GENE
GLA__GILA
GC___GLEN CANYON
GLT__GOLD MINE TAP
GTH__GRIFFITH
HCR__HARCUVAR
HAP__HASSAYAMPA PUMP PLANT
HAT__HASSAYAMPA TAP
HAV__HAVASU PUMP PLANT
HVT__HAVASU TAP
HDR__HEADGATE ROCK
HEN__HENDERSON
HLT__HILLTOP
HVR__HOOVER
IMD__IMPERIAL DAM
KAY__KAYENTA
KNB__KNOB
KOF__KOFA
LAG__LAGUNA
LAD__LAGUNA DREDGE
LAT__LAGUNA DREDGE TAP
LIB__LIBERTY
LHP__LITTLE HARQUAUALA PUMP PLANT
LHV__LONG HOUSE VALLEY TAP
LOB__LONE BUTTE
MRN__MARANA
MRK__MARKETPLACE
MCC__McCULLOUGH
MCI__McCONNICO
MED__MEAD
MKT__MEC KINGMAN TAP
MEX__MEXICO TAP
NV___NAVAJO (SRP)
NWD__NEW WADDELL
NON__NO NAME
NGL__NOGALES
NGA__NORTH GILA
NHV__NORTH HAVASU
ORA__ORACLE
PAD__PARKER
PCK__PEACOCK
PES__PERKINS
PHX__PHOENIX
PCO__PICACHO PUMP PLANT
PPK__PINNACLE PEAK
PNT__PLANET
PRS__PRESCOTT
RWY__RACEWAY
RSK__RATTLESNAKE
RRK__RED ROCK PUMP PLANT
RGS__ROGERS
RVL__ROUND VALLEY
SGR__SAGUARO
SGL__SALT GILA PUMP PLANT
SNL__SAN LUIS
SEW__SENATOR WASH
SHR__SHIPROCK
SIG__SIGNAL
SIT__SIPHON DROP IMPERIAL TAP
SON__SONORA
SPT__SOUTHPOINT
SPH__SPOOK HILL
SUD__SUNDANCE
TTT__TEST TRACK
TOP__TOPOCK
TUC__TUCSON
VAF__VALLEY FARMS
WM1__WELLTON MOHAWK PP1
WM2__WELLTON MOHAWK PP2
WM3__WELLTON MOHAWK PP3
WML__WELLTON-MOHAWK-LIGURTA
WMS__WELLTON-MOHAWK
WST__WARM SPRINGS TAP
WWG__WESTWING
YMT__YUMA MESA TAP
YUT__YUMA TAP

EXPLANATION

- MULTILANE DIVIDED
- TWO-LANE, PAVED
- 10 INTERSTATE HIGHWAY
- 85 U. S. HIGHWAY
- 95 STATE HIGHWAY
- HYDRO-GENERATING STATION
- HYDRO-GENERATING/PUMPING PLANT
- PUMPING PLANT
- FEDERAL SUBSTATION
- NON-FEDERAL SUBSTATION
- CITY OR TOWN
- NON-FEDERAL STEAM-GENERATING STATION

LEGEND

- PARKER-DAVIS PROJECT
- CENTRAL ARIZONA PROJECT
- CENTRAL ARIZONA PROJECT/NAVAJO PROJECT
- COLORADO RIVER STORAGE PROJECT (SOUTHERN DIVISION-CRSP)
- PACIFIC NORTHWEST/SOUTHWEST INTERTIE PROJECT (INTERTIE)
- COLORADO RIVER FRONT WORK AND LEVEE SYSTEM
- GILA PROJECT
- BOULDER CANYON PROJECT
- COLORADO RIVER BASIN SALINITY CONTROL PROJECT
- PUBLIC - NON FEDERAL OR DSW COMM SITE

OFFICIAL USE ONLY

MAY BE EXEMPT FROM PUBLIC RELEASE UNDER THE FREEDOM OF INFORMATION ACT (5 U.S.C. 552) EXEMPTION 2 CATEGORY CIRCUMVENTION OF STATUE.

WESTERN REVIEW REQUIRED BEFORE PUBLIC RELEASE.

NAME/ORG: RONALD E. MOULTON - J7000.PH DATE: 7-27-10

D	7-27-10 J7-RM	MINOR REVISIONS
C	1-1-09 G4-RM	ADDED FIREHOUSE AND NO NAME
B	11-7-06 G4-RM	ADDED YUMA MESA TAP
A	4-22-05 G4-RM	ADDED GAVILAN PEAK AND TEST TRACK

UNITED STATES DEPARTMENT OF ENERGY
WESTERN AREA POWER ADMINISTRATION
DESERT SOUTHWEST REGION - PHOENIX, ARIZONA

DESERT SOUTHWEST
ARIZONA - CALIFORNIA - NEVADA - NEW MEXICO
CUSTOMER SERVICE REGION
POWER SYSTEM PROJECTS

DESIGNED WAPA APPROVED JAMES H. CHARTERS
TRANSMISSION SYSTEM PLANNING MANAGER

SEPTEMBER 5, 2003 | MAP G | 00

PEST CONTROL IN BUILDINGS AT SUBSTATIONS