APPENDIX L:

TDM AND LRPC POWER PLANT PHOTOGRAPHS

TDM POWER PLANT

FIGURE L-1 Aerial View of the TDM Power Plant (North is to the right of the photograph. The facility property totals approximately 78.2 acres [31.7 ha]. The power plant and its facilities occupy approximately 26.8 acres [10.9 ha].)

FIGURE L-2 Aerial View of the Cooling Tower (The cooling tower measures 350 ft [106.5 m] in length and 35 ft [41.1 m] in width, by 57 ft [17.4 m] in height. Each cooling fan measures 36 ft [11 m] in diameter. Note the truck on the road to the west of the cooling tower [north is to the right of the picture] for scale.)

FIGUER L-3 View of Gas Turbine Inlet Air Structure, Gas Turbine, Heat Recovery Steam Generator, and Stack for One of the Two Units at TDM (The inlet air filter structure measures 69.5 ft [21.2 m] high from ground elevation, 44 ft [13.4 m] wide. The length of the turbine train front to back [from air filter structure to end of stack width] is 282 ft [86 m]. Note the pickup truck below inlet filters for scale.)

FIGURE L-4 View of Solids Removed from Sewage Treatment Processing at the TDM Facility (This is a view of the filter press house and the dump bin where solids are deposited for disposal in the solid waste landfill.)

LRPC POWER PLANT

FIGURE L-5 View of EAX-1C Export Gas Turbine Showing the Location of the Selective Catalytic Reduction (SCR) System for NO_X Control Installed in March 2004 (If an oxidizing catalyst was installed under Alternative 3, it would be retrofitted in the vicinity of the SCR catalyst.)

FIGURE L-6 Aerial View of LaRosita 1 (LR1), the EAX Unit (The 11-unit cooling tower is shown on the right and the three gas turbines on the left. Each of the gas turbines is equipped with a heat recovery steam generator that powers a single steam turbine in a combined-cycle mode.)

FIGURE L-7 View of the EAX Unit from the Field

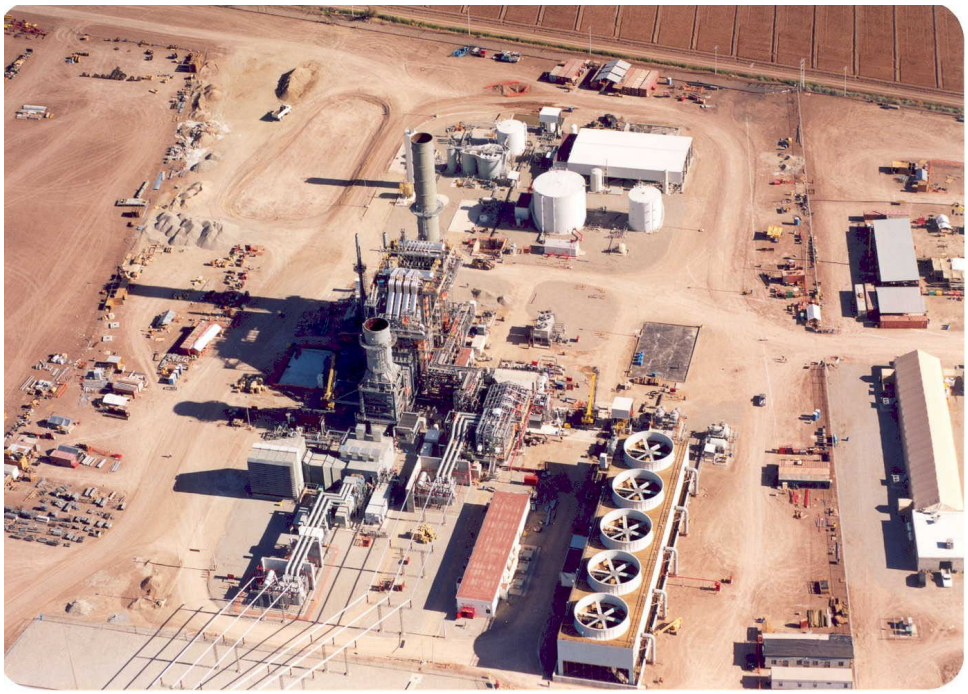

FIGURE L-8 Aerial View of LaRosita 2 (LR2), the EBC Export Unit (This unit consists of a single gas turbine and a single steam turbine operating in a combined cycle. The on-site water treatment plant is near the top of the picture.)

FIGURE L-9 View of the EBC Unit at Night

FIGURE L-10 Aerial View of the LRPC Sewage Treatment Plant next to the Zaragosa Oxidation Lagoons during Construction (November 2001)

FIGURE L-11 Overflow from the Disinfection Chamber to the Gray Water Pump Well

FIGURE L-12 Sewage Treatment Plant Aeration Tank