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ARIZONA DEPARTMENT OF ENVIRONMENTAL QUALITY

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NOTICE OF THE PRELIMINARY DECISION TO ISSUE AN INDIVIDUAL AQUIFER PROTECTION PERMIT

Public Notice No.: 08-10

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Pursuant to Arizona Administrative Code, Title 18, Chapter 9, Article 1, the Director of the Arizona Department of Environmental Quality intends to issue an individual Industrial Aquifer Protection Permit to the following applicant(s):

Facility Name: Coolidge Generating Station

Individual Aquifer Protection Permit No. P-106095

Permittee: Coolidge Power L.L.C.
450 1st Street S.W.
Calgary, Alberta, Canada T2P5H1

The proposed Coolidge Power, L.L.C. Coolidge Generating Station is located within the city limit of Coolidge, in Pinal County, Arizona over groundwater of the Eloy Sub-basin in the Pinal Active Management Area, Section 10, Township 6 South, Range 8 East of the Gila and Salt River Base Line and Meridian. The generating station is a natural gas fired, simple-cycle peaking power plant capable of producing up to 575 megawatts (MW) and will be operated to produce power during periods of peak electricity demand. The project consists of 12 combustion turbine generators (CTG) each capable of producing 48 MW under optimal conditions. Process wastewater generated at the facility include: reverse osmosis wastewater; multi media filter backwash; CTG evaporative cooler system blowdown; and a minor amount of contact stormwater that passes through an oil/water separator. Process wastewater shall be conveyed to West Evaporation Ponds and future proposed East Evaporation Ponds which are covered under this permit. The evaporation ponds are double-lined with a leak collection and removal system (LCRS) and are designed to hold all wastewater generated at the facility.

Routine effluent discharge and groundwater monitoring are not required in this permit, due to that the facility shall be built to prescriptive best available design control technology (BADCT). Initial characterization of the discharge shall be performed in accordance with the compliance schedule in the permit. Operational monitoring shall include inspection of the impoundment structures and leakage collection and recovery system (LCRS). The evaporation ponds shall be inspected weekly for various performance levels specified in the permit, including freeboard, structural damage, and liner integrity. During pond operation, the LCRS shall also be inspected daily for the presence of fluids. Fluids collected from the sump shall be quantified to determine

leakage rates through the upper liner for comparison with alert levels (leakage rates) specified in the APP.

The draft permit and related documentation are available for public review, Monday through Friday, 8:30 a.m. to 4:30 p.m., at ADEQ, 1110 West Washington Street, Records Management Center, Phoenix, Arizona, 85007. In Phoenix, please call (602) 771-4380 or e-mail RecordsCenter@azdeq.gov 24 hours in advance to schedule an appointment to review the file.

Persons may submit comments or request a public hearing on the proposed action, in writing, to Kathryn Boland, Project Manager, ADEQ, Groundwater Section, 1110 West Washington Street, MC5415B-3, Phoenix, AZ 85007 within thirty (30) days from the date of this notice. A public hearing request must include the reasons for such request.