

PUBLIC NOTICE



**US Army Corps
of Engineers
Kansas City District**

**Permit No. 200200121
Issue Date: January 20, 2006
Expiration Date: February 10, 2006**

21-Day Notice

JOINT PUBLIC NOTICE: This supplemental public notice is issued jointly with the Missouri Department of Natural Resources, Water Pollution Control Program. This public notice is issued in order to inform the public of the modifications to the proposed power plant project and to describe additional proposed work not described in the original public notice issued on May 20, 2003. The Department of Natural Resources will use the comments to this notice in deciding whether to grant Section 401 water quality certification. Comments should be submitted to the Corps of Engineers and to the Missouri Department of Natural Resources, P.O. Box 176, Jefferson City, Missouri 65102.

APPLICANT: Kansas City Power & Light Company (KCPL)
1201 Walnut Street
Post Office Box 418679
Kansas City, MO 64141-9679

PROJECT LOCATION (As shown on the attached drawings): KCPL proposes to construct a coal-fired electric power plant (Iatan Unit 2) adjacent to the existing (Iatan Unit 1) coal-fired electric plant at their Iatan Facility. The new plant (Iatan Unit 2) location is about 1,000 feet from the site previously proposed by Great Plains Power (GPP) as the Weston Bend plant. The Iatan Facility is located approximately five miles north of Weston and approximately two miles south of Iatan in Section 32, Township 54 north, Range 36 west, Platte County, Missouri.

AUTHORITY: Section 10 of the Rivers and Harbors Act of 1899 (33 USC 403) and Section 404 of the Clean Water Act (33 USC 1344).

ACTIVITY (As shown on the attached drawings): KCPL, a regulated subsidiary of Great Plains Energy, proposes to construct an 850 Megawatt (Net), pulverized coal-fired electric generation facility at the above location. Great Plains Energy's unregulated subsidiary GPP was the original applicant. The change of applicant has resulted in a slight shift in location of the footprint of the proposed power plant at the existing Iatan facility.

The change in location allows for the sharing of infrastructure including office space, coal storage and handling facilities etcetera between the two plants. In addition to the change in location, additional work is proposed that was not identified in the previous Public Notice issued May 20, 2003. Two collector wells, located adjacent to the Missouri River with laterals extending under the riverbed, will be constructed to provide the needed water supply for the facility. The applicant requests a dredging exclusion zone on the Missouri River (river mile 410.85 to 411.25) in the area of the collector wells in order to avoid physical damage to the horizontal laterals. A temporary channel (barge slip) will be constructed by excavating the riverbank. The barge slip is necessary in order to facilitate the unloading of large and/or heavy equipment and several large power plant components required for construction of the plant. The barge slip will be constructed with a track hoe or clamshell excavator and the sediments will be transported and deposited in an upland area within the project site. Sheet piling and riprap will be used to stabilize the banks of the excavated barge channel.

The existing Iatan Unit 1 electric generator will be retrofitted to include a selective catalytic reduction (SCR) system for Nitrogen Oxides (NO_x) control, a flue gas desulfurization (FGD) system for Sulfur Dioxide (SO₂) control and a fabric filter bag house for particulate matter (PM) control. This new control equipment will reduce NO_x, SO₂, and PM emissions. The heat input to the boiler will be increased but not exceed 7,800 million British Thermal Units (MMBtu) per hour.

The proposed Iatan Unit 2 will be a pulverized coal-fired opposed-wall or tangentially fired dry-bottom steam generator having a maximum heat input of 8,100 MMBtu/hour and burn approximately 494 tons of coal per hour. The coal will be burned using low NO_x burner technology. The flue gas resulting from the coal combustion will be treated using a fabric filter bag-house to control PM emissions, an SCR system to control NO_x emissions, and an FGD system to control the emissions of SO₂. According to the applicant, the combination of emission control equipment placed on the proposed plant along with the retrofit of emission controls on the Iatan Unit 1 will reduce total emissions for multiple emissions some of which include NO_x, SO₂, and mercury, from the current emission levels at Unit 1. A 60-foot high mechanical cooling tower consisting of 36 cells is proposed. A landfill area will be constructed to dispose of combustion by-products. A flood protection levee will be constructed around the landfill in order to reduce the potential for distribution of the combustion by-products that may result from a flood event.

WETLANDS: As a result of the change in location of the plant, unavoidable impacts to wetlands have been reduced from about 44 acres in the original proposal to approximately 20 acres (15 acres of farmed wetland and 5 acres of forested wetland) at the new location. KCPL has submitted, for review, a proposed compensatory mitigation plan to offset the unavoidable impacts to the identified wetlands. The plan includes restoration of prior wetland areas and the enhancement and preservation of approximately 106-acre area along an existing slough located on the Iatan property. If approved as submitted, the applicant states that the mitigation ratio for wetland is 2.5 (restored, enhanced and preserved) to 1 impacted.

ADDITIONAL INFORMATION: Additional information about this application may be obtained by contacting **Douglas R. Berka, U.S. Army Corps of Engineers; Kansas City Field Office, 700 Federal Building, 601 East 12th Street, Kansas City, Missouri 64106-2896** or by telephone at 816-983-3657 (FAX 816-426-2321) or via email at douglas.r.berka@usace.army.mil or by visiting the **Hot Topics** section of our webpage at <http://www.nwk.usace.army.mil/regulatory/regulatory.html>. All comments to this public notice should be directed to the above address.

CULTURAL RESOURCES: Kansas City District will comply with the National Historic Preservation Act of 1966 and 36 CFR 800. We have checked the National Register of Historic Places and the Federal Register and no property listed in the Register or proposed for listing is located in the permit area. However, we have determined that an existing farmstead in the project area is eligible for listing in the National Register and that the project, as proposed, will result in an adverse effect on the eligible property. As a result, a Memorandum of Agreement (MOA) has been developed and when executed the MOA will mitigate the adverse effect on the eligible property. The applicant and the Missouri Department of Natural Resources, Historic Preservation Program office has approved the stipulations of the MOA. The Corps is reviewing the proposed MOA.

ENDANGERED SPECIES: In compliance with the Endangered Species Act, a preliminary determination has been made that the described work is not likely to adversely affect species (bald eagle, Indiana bat and pallid sturgeon) designated as threatened or endangered or adversely affect critical habitat. In order to complete our evaluation of this activity, comments are solicited from the U.S. Fish and Wildlife Service and other interested agencies and individuals.

FLOODPLAINS: This activity is being reviewed in accordance with Executive Order 11988, Floodplain Management, which discourages direct or indirect support of floodplain development whenever there is a practicable alternative. By this public notice, comments are requested from individuals and agencies that believe the described work will adversely impact the floodplain.

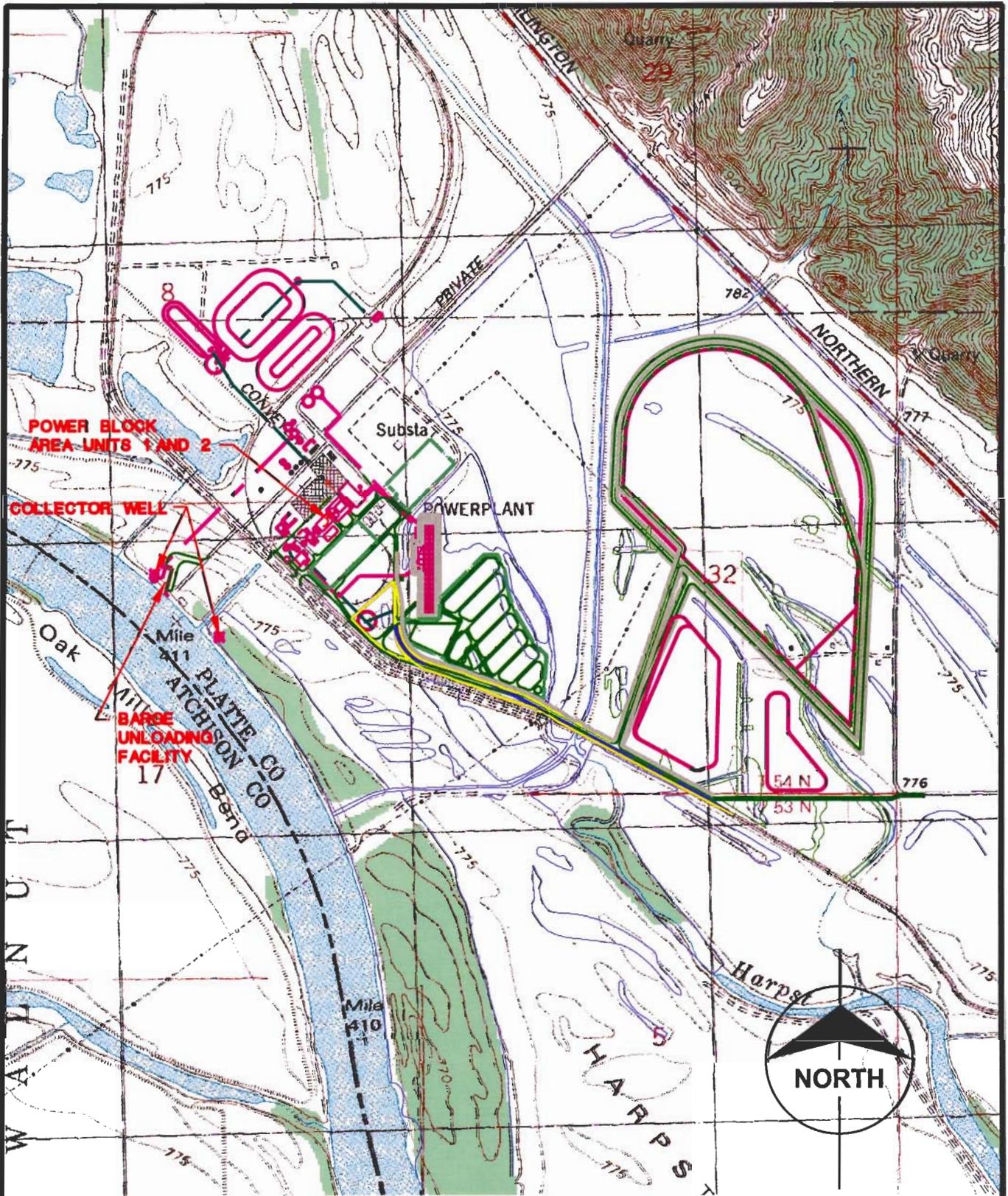
WATER QUALITY CERTIFICATION: Section 401 of the Clean Water Act (33 USC 1341) requires that all discharges of dredged or fill material must be certified by the appropriate state agency as complying with applicable effluent limitations and water quality standards. This public notice serves as an application to the state in which the discharge site is located for certification of the discharge. The discharge must be certified before a Department of the Army permit can be issued. Certification, if issued, expresses the state's opinion that the discharge will not violate applicable water quality standards.

PUBLIC INTEREST REVIEW: The decision to issue a permit will be based on an evaluation of the probable impact including the cumulative impacts of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefits which reasonably may be expected to accrue from the proposal must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered including the cumulative effects thereof; among

those are conservation, economics, esthetics, general environmental concerns, wetlands, cultural values, fish and wildlife values, flood hazards, floodplain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs and, in general, the needs and welfare of the people. The evaluation of the impact of the activity on the public interest will include application of the guidelines promulgated by the Administrator, Environmental Protection Agency under authority of Section 404(b) of the Clean Water Act (33 USC 1344). The Corps of Engineers is soliciting comments from the public; Federal, state, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the Corps of Engineers to determine whether to issue, modify, condition or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

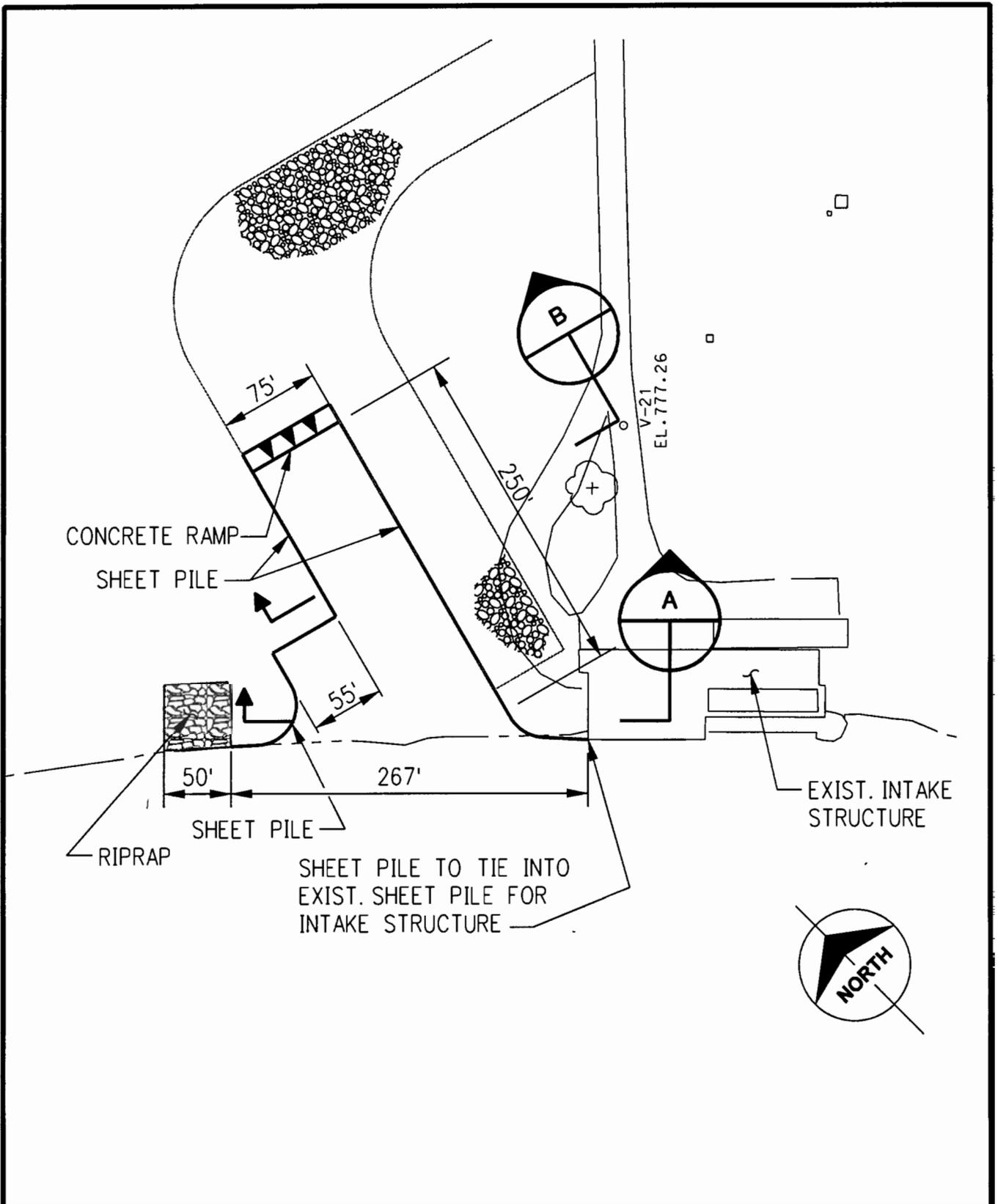
COMMENTS: This supplemental notice is provided to outline details of the above-described activity so this District may consider all pertinent comments prior to determining if issuance of a permit would be in the public interest. Any interested party is invited to submit to this office written facts or objections relative to the activity on or before the public notice expiration date. Comments both favorable and unfavorable will be accepted and made a part of the record and will receive full consideration in determining whether it would be in the public interest to issue the Department of the Army permit. Copies of all comments, including names and addresses of those submitting comments, may be provided to the applicant. Comments should be mailed to the address shown on page 3 of this public notice.

PUBLIC HEARING: Any person may request, in writing, prior to the expiration date of this public notice, that a public hearing be held to consider this application. Such requests shall state, with particularity, the reasons for holding a public hearing.



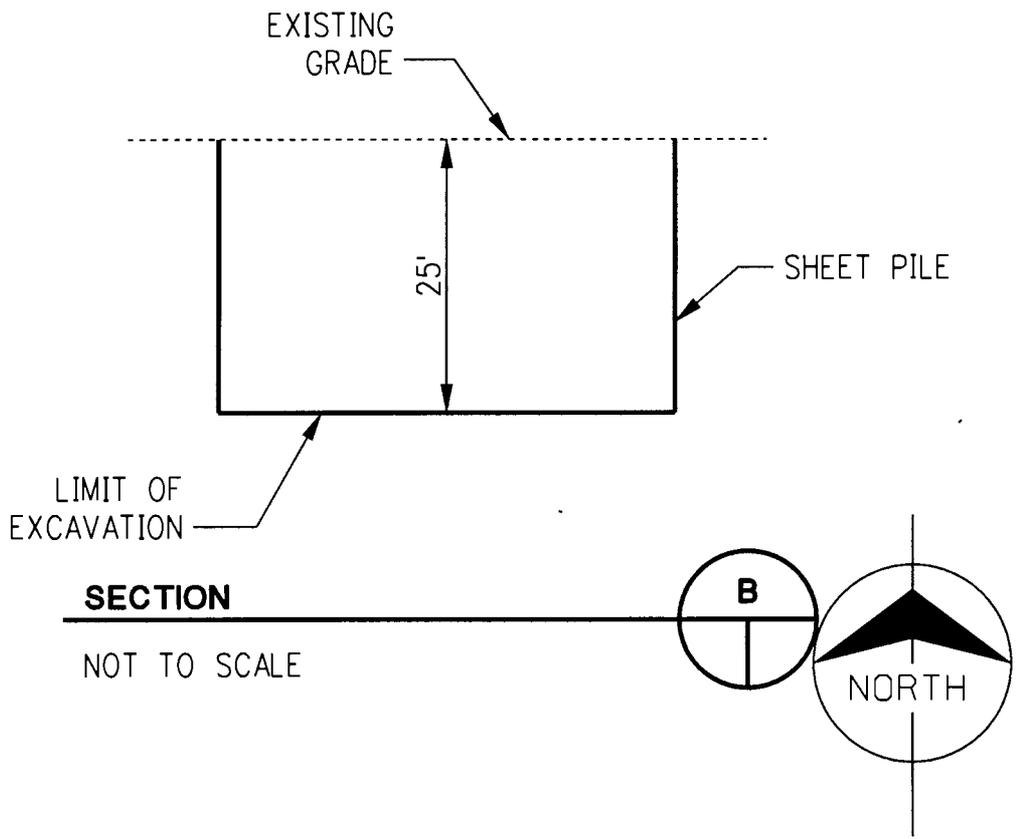
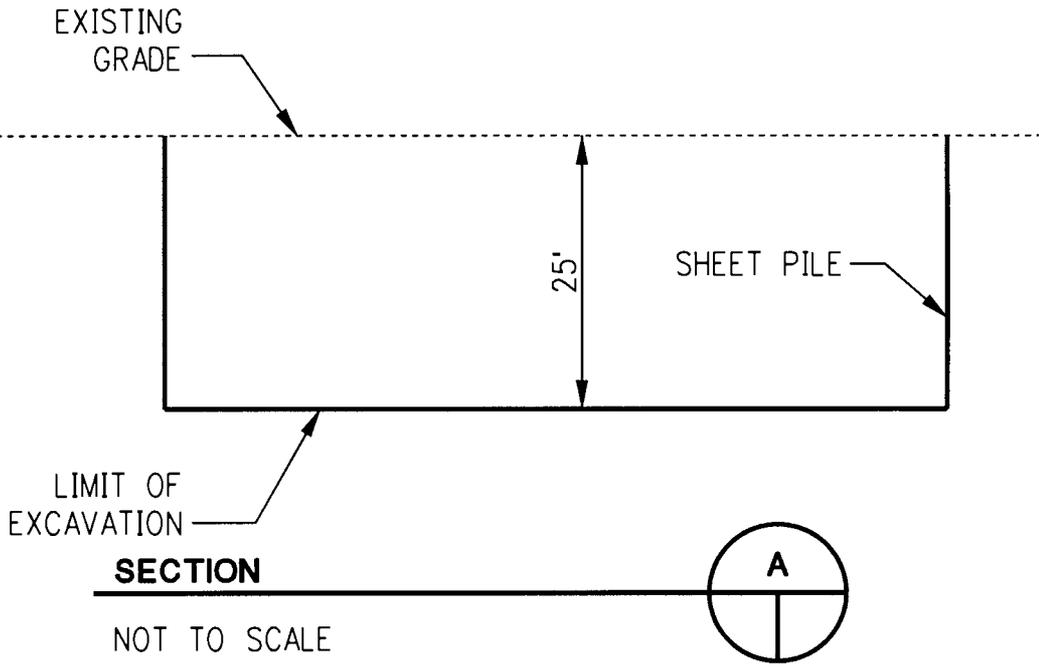
APPLICATION NO. 200200121
 BY: KANSAS CITY POWER AND LIGHT
 FOR: COAL-FIRED ELECTRIC POWER PLANT
 PLATTE COUNTY, MISSOURI
 (SHEET 2 OF 7)

Plant Layout
Iatan Generating Station



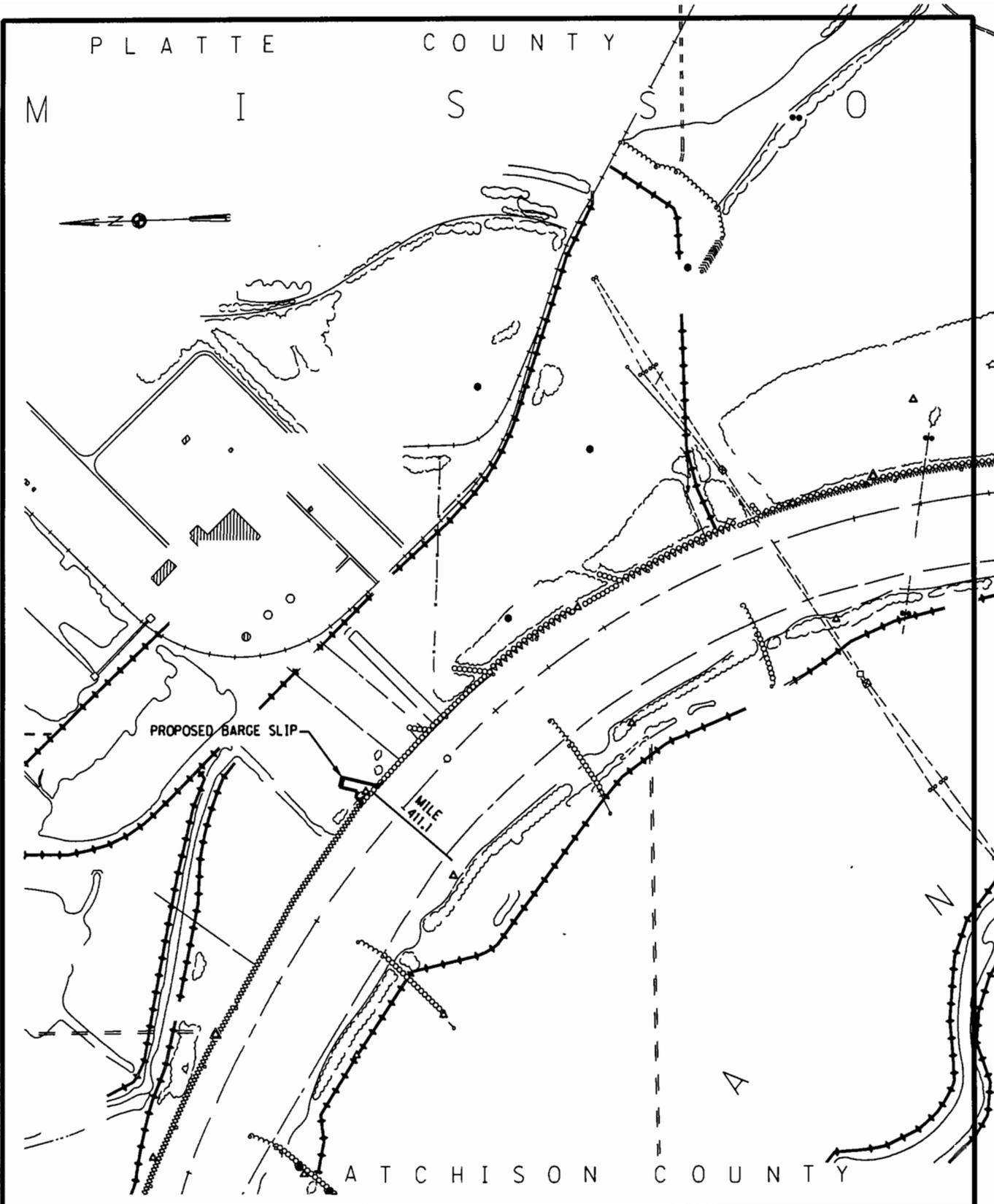
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 BY: KANSAS CITY POWER AND LIGHT
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 PLATTE COUNTY, MISSOURI
 (SHEET 3 OF 7)

**Proposed Barge Slip
 Enlarged Plan
 Iatan Generating Station**



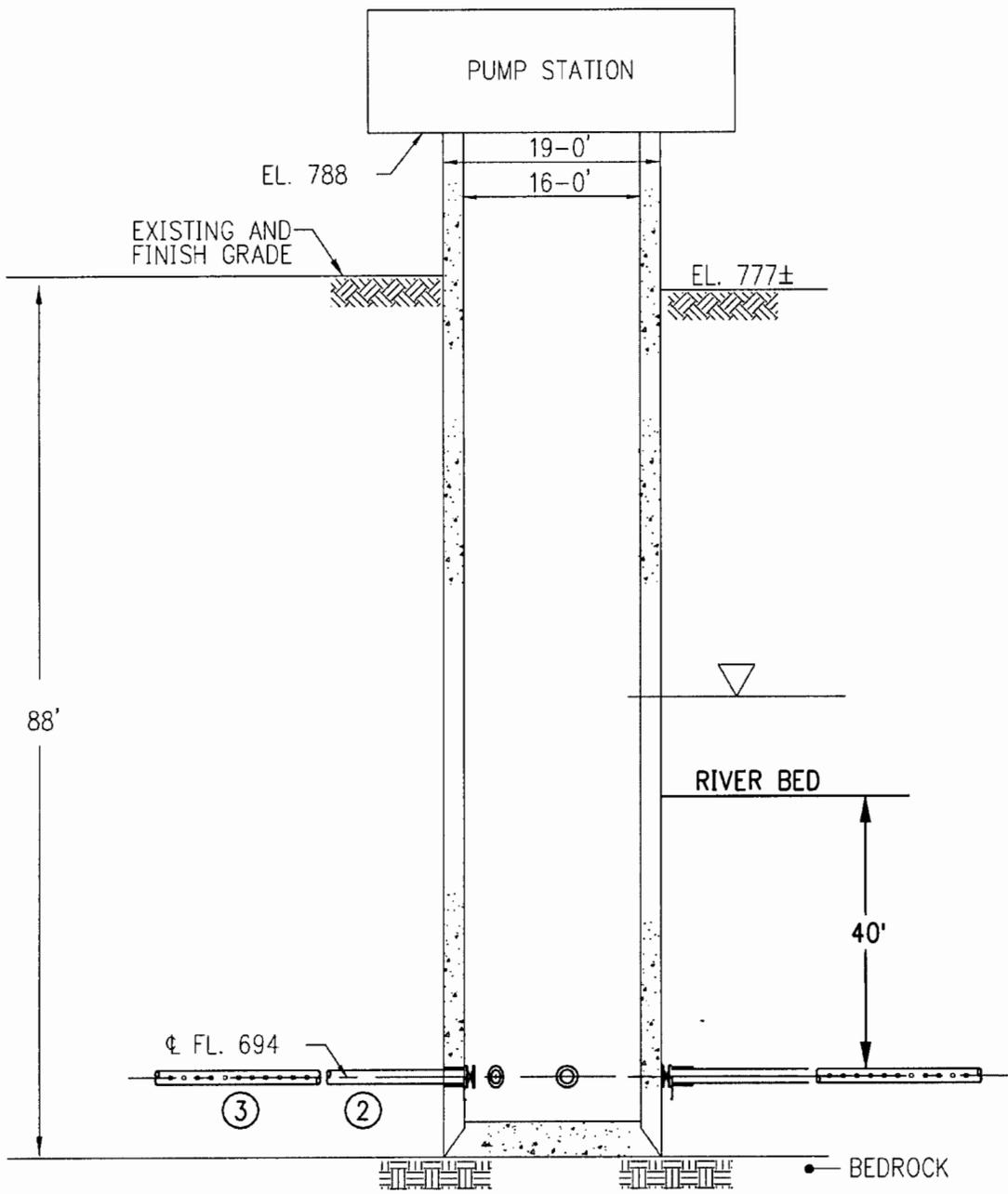
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**Proposed Barge Slip Sections
 Iatan Generating Station**



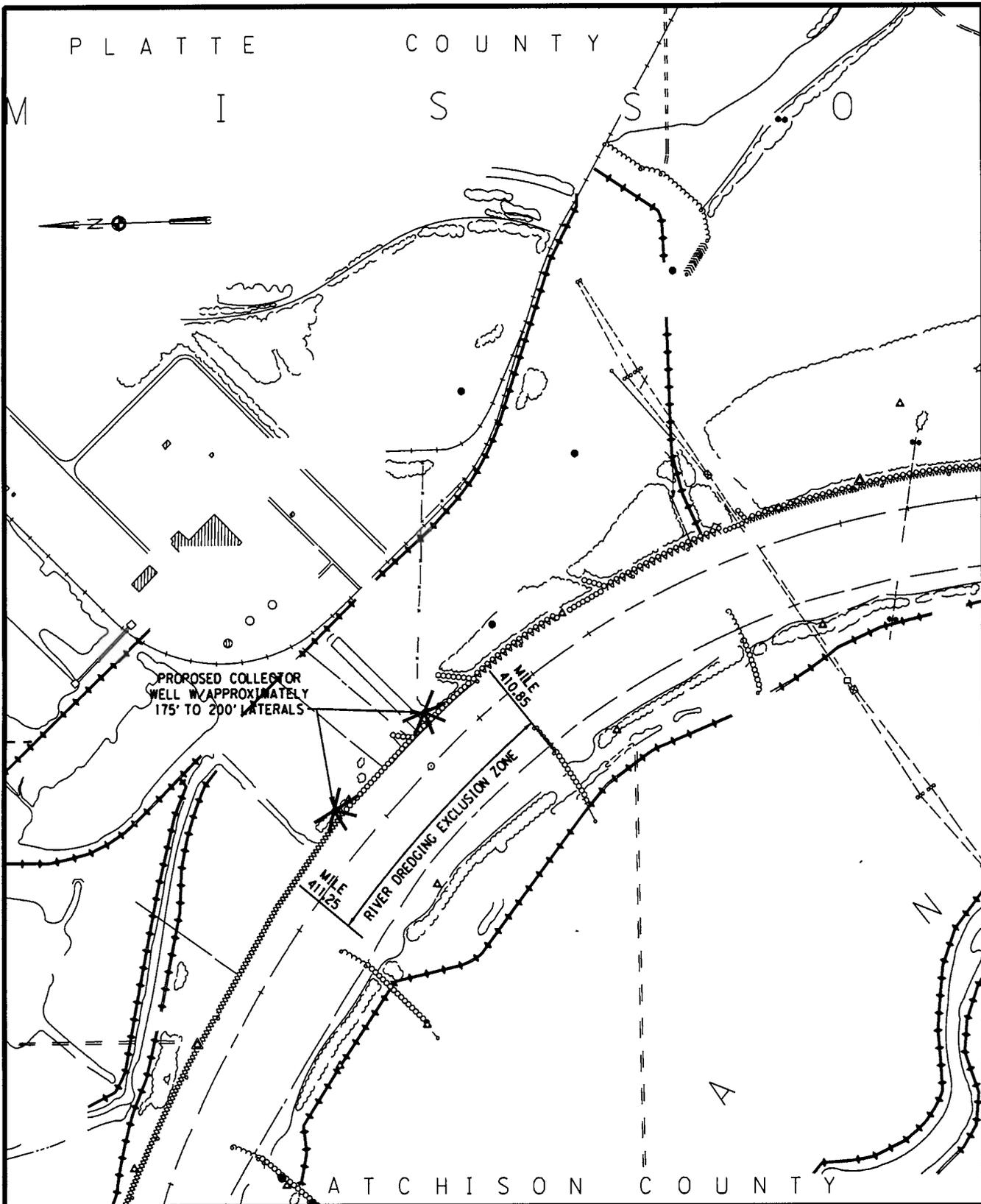
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 BY: KANSAS CITY POWER AND LIGHT
 FOR: COAL-FIRED ELECTRIC POWER PLANT
 PLATTE COUNTY, MISSOURI
 (SHEET 5 OF 7)

**Proposed Barge Slip Plan
 Middle Iatan Bend-Upper Iatan Bend
 Iatan Generating Station**



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 BY: KANSAS CITY POWER AND LIGHT
 FOR: COAL-FIRED ELECTRIC POWER PLANT
 PLATTE COUNTY, MISSOURI
 (SHEET 6 OF 7)

**Proposed Collector Well Elevation
 Iatan Generating Station**



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 FOR: COAL-FIRED ELECTRIC POWER PLANT
 PLATTE COUNTY, MISSOURI
 (SHEET 7 OF 7)

**Proposed Collector Well Plan
 Middle Iatan Bend-Upper Iatan Bend
 Iatan Generating Station**