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Staff Investigation Report and Recommendation

Case No.: 09-779-EL-BNR

Project: Lowering of transmission line for the Greene County Airport runway extension

Applicant: The Dayton Power and Light Company

Report Date: October 7, 2009

Automatic Approval Date: October 15, 2009 (Construction Notice process)

Waiver Requests: None

Inspection Date(s): September 28, 2009

Staff Assigned: J. Pawley & E. Steele

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Summary of Staff Recommendations (see report text for discussion):

Application: [] Approval [] Disapproval [X] Approval with Conditions
Waiver: [] Approval [] Disapproval [X] Not Applicable

Summary of Staff Recommended Conditions (see report text for discussion):

1. Applicant shall place wood timber matting over the culvert at stream (referred in the application as STREAM 104), in a manner so as to adequately protect the stream and culvert while crossing, and provide silt fencing on slopes to prevent erosion and protect against sediment runoff.
2. That prior to construction, the Applicant shall obtain all applicable permits and authorizations as required by Federal and State entities for any activities where such permit or authorization is required.

Projected Docket Closure Date (if automatically approved): November 30, 2011

Investigation Report

Project Description: This project involves the rebuild of a small section of double circuit 345 kV electric power transmission line (Circuits No. 34598 and 34503) west of the Greene County airport. A portion of a 69 kV line (Circuit No. 6690) will also be rebuilt as part of this project. The existing 69 kV line is capable of operating at 138 kV and is located in the same utility corridor. The project will rebuild short sections of both lines with shorter structures that will lower the overall height of the lines. This is required to keep the top elevations of the structures and upper shield wires below new airport glide slopes as mandated by extension of the Greene County Airport runway and is requested by the Greene County Regional Airport Authority and the Greene County Commissioners (public entities). The runway extension lowers the elevation of the glide slope, subsequently requiring the top elevation of the existing transmission line structure and wires be lowered to meet Federal Aviation Administration (FAA) and Ohio Department of Transportation (ODOT) Aviation Administration requirements for safe airspace clearances. Staff has contacted the ODOT Aviation Administration, and they have offered no objection to the project.

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Technician DH Date Processed 10/7/09

Site Description: This project primarily spans land that is either farmed with crops (this year in soybeans) or is fallow land covered with grasses and weeds. No new right-of-way will be required for this project. The Applicant indicates that if work is done prior to the harvesting of crop, the farmer will be reimbursed for loss of crop/crop damage. This project is located in Beavercreek Township, Greene County.

Discussion/Comments/Concerns: Adequate farm lane access exists for this project. There is one stream to be crossed (Stream 104 in the filing). This stream has an existing culvert and is crossed by the land owner/farmer. Care should be taken to protect the stream with new timbers for crossing. Because of the sloped nature of the site where new, lower structures will be located, care should be taken to minimize silt runoff. The project is estimated at \$610,000, and the Applicant is to be reimbursed 100% by the FAA and the Greene County Regional Airport Authority/Greene County Commission. The Applicant has been, and will continue to, coordinate any planned short term outage of the circuit for construction with PJM. Spoil piles will be removed from site. The construction of this project should pose only minimal negative social and environmental impacts.