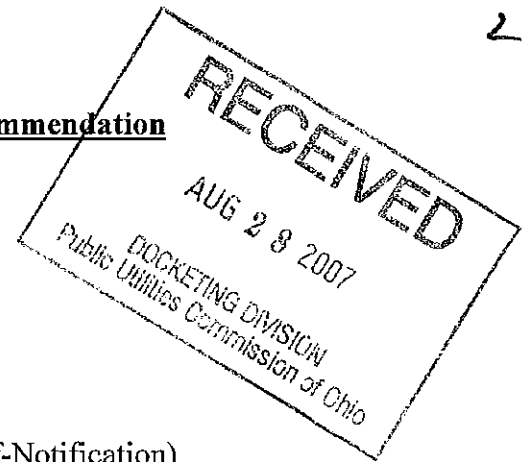


Staff Investigation Report and Recommendation

**Case No.:** 07-820-EL-BLN

**Project:** Warner 138kV Extension-Service to RTI

**Applicant:** Ohio Power Company (AEP)

**Report Date:** August 27, 2007

**Automatic Approval Date:** September 4, 2007 (Letter-of-Notification)

**Waiver Requests:** No

**Inspection Date(s):** August 21, 2007

**Staff Assigned:** L. Winget, E. Smith

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

Application: ☐ Approval ☐ Disapproval ☒ Approval with Conditions  
Waiver: ☐ Approval ☐ Disapproval ☒ Not Applicable

**Summary of Staff Recommended Conditions:**

- Prior to removal of any vegetation, the Applicant shall coordinate with the Staff, on site, to minimize the clearing of trees on the slopes, including danger trees. Trees shall not be cleared until after September 15, 2007, but before April 15, 2008, should the project be delayed.
- Stumps shall be left in-place to minimize potential erosion.
- Disturbed areas, including the temporary access drives, will be reseeded upon completion of the project.

**Projected Docket Closure Date (if automatically approved):** January 1, 2010

**Investigation Report**

**Project Description:** The proposed project involves the construction of a new 138kV extension to the RTI substation. The RTI facility processes titanium and plans to expand the facility. The new transmission line is approximately 1600 feet, with a 70-foot right-of-way (r-o-w). The transmission line will have eight new structures. Seven new structures are single imbedded steel poles of which, at least one pole will be guyed. The eighth structure is a steel switch pole, located adjacent to an existing tower of the 138kV transmission line to be tapped. The new transmission line will tap the Akron-Canton 138kV Line, and feed into a new customer owned 138kV/12kV distribution substation.

**Site Description:** The site is located on sloping to hilly terrain, in Canton Township, Stark County. The major portion of the line lies in wooded areas of mature trees, which lie on the hilly terrain.

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Technician Ann Date Processed 8/28/07

**Discussion/Comments/Concerns:** The first two poles will be installed on the facility property; five poles will be installed in a wooded area located on sloping terrain. The switching pole will be placed in the existing r-o-w of the Akron-Canton transmission line. The wooded area is covered with mature trees. Due to the sloping terrain, the stumps will be left in place to maintain erosion control. Staff will work with the company to minimize the clearing required and hence minimize the environmental impacts. The site location is surrounded by industry, hence, the construction of this transmission line should not pose any social impacts.