

FILE

**Staff Investigation Report and Recommendation**

**Case No.:** 06-1385-EL-BLN

**Project:** Sammis Number 5 Cranking Transformer  
345 kV Substation Bus Extension Project

**Applicant:** First Energy Generation Corp.

**Report Date:** 29 December 2006

**Automatic Approval Date:** 7 January 2007 (Letter of Notification process)

**Waiver Requests:** None

**Inspection Date(s):** 21 December 2006

**Staff Assigned:** J. O'Dell

**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 (see report text for discussion):**

- None

**Projected Docket Closure Date (if automatically approved):** 31 December 2008

**Investigation Report**

**Project Description:** This project involves the installation of approximately 400 feet of 345 kV transmission line. The proposed facility functions as a substation bus, but it is designed according to the Applicant's transmission line standards. The installation of three wood pole structures is also required.

**Site Description:** The entire project is located within the fence line of the W.H. Sammis Station, a coal-fired power plant. The Sammis Station is located in Stratton Village, Jefferson County.

**Discussion/Comments/Concerns:** A typographical error is present on Page 5 of the Applicant's filing. The Electric Field and the Magnetic Field tables are reversed. The Applicant has verified that the calculation values are correct, only the labels are in error. The construction of this project should pose only minimal negative social and ecological impacts.

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