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Subject: TEP IGS Modeling Addendum.docx
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Attachments: [TEP IGS Modeling Addendum.docx](#)

Good Afternoon Rupesh,

Please find attached for your review an Addendum to the Air Quality Monitoring report. This email and the attachment transmits TEP's response to PDEQ's request for additional information for items 3 through 4. Specifically, your September 26, 2017 letter includes the following requests:

PDEQ Question 2. Provide a land use assessment within three (3) kilometers of the proposed project using the Auer land use classification method for determining whether rural or urban dispersion options are justified for use in the dispersion modeling analysis (Appendix C of the application).

TEP Response Question 2 – Please refer to the attached Addendum to the Air Quality Monitoring report.

PDEQ Question 3. Provide a load and temperature analysis to determine which operating load would be expected to cause the highest ambient air impacts. The scenario with the highest ambient impact for each pollutant should be included in the ambient air quality impact analysis (Appendix C of the application).

TEP Response Question 3 – Please refer to the attached Addendum to the Air Quality Monitoring report.

PDEQ Question 4. The VISCREEN model results presented in Appendix C, Section 5.1, Table 5-4 of the application show the results are predicted to be below the significance criteria for plume perceptibility (ΔE) and plume contrast (C_p). This conclusion is based on the difference between the plume impacts for the proposed project (i.e., 10 RICE units) and for the baseline case (i.e., existing Units 1 and 2), as explained in Appendix C, Section 5.1, page 5-2. Please provide documentation that the difference in plume perceptibility and plume contrast between the proposed project and the baseline case is an appropriate technique for determining impacts to compare with the significance criteria for these two visual impact parameters. Please also provide emission calculations for the proposed RICE units and the baseline case (Units 1 and 2) used to conduct the VISCREEN analysis.

TEP Response Question 4 – Please refer to the attached Addendum to the Air Quality Monitoring report.

Please let me know if you have any questions regarding the responses.

Thank you!
Chuck

Charles Komadina (Chuck)

Manager, Corporate Environmental Compliance & Permits

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