



MEMORANDUM

Anne Coronado
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October 7, 2010

RE: Sunrise Powerlink Project – Mitigation Measure Compliance
Mitigation Measure PS-2a Task 1 for Sunrise Powerlink Transmission Project

Ms. Coronado,

In compliance with PS-2a, SDG&E performed ground reconnaissance for the Overhead Links 1, 2 and 5 on August 18-20 and September 14-15 along the final alignment to identify any objects within or near the right-of-way (ROW) that have the potential for induced voltages. No structures outside the ROW require grounding. For fences within the ROW grounding details are included in construction drawings, which indicate the requirements for electrical grounding of metallic objects, in accordance with SDG&E's standards. Calculations were performed to establish proper fence grounding intervals to limit induction. The calculations were performed using the standard methods as described in the EPRI Red Book, "Transmission Line Reference Book 345kV and Above."

In addition, a comprehensive study of AC interference and impact on adjacent utilities was performed for Link 4. No objects were identified; however, if, during construction, objects within and near the ROW for Link 4 are identified as having the potential for induced voltages, electrical grounding procedures in compliance with SDG&E standards will be followed

Lastly, a grounding study was performed to ensure that the Suncrest Substation and the area immediately outside of the proposed substation fence line meets all applicable standards for step and touch voltage potential. A Ground Grid study for the substation, dated June 30, 2010, did not identify any objects near the substation with the potential for induced voltages. The entire substation will be fenced and all equipment, including the fence, will be grounded to the substation ground grid in accordance with SDG&E's standards.

Pursuant to the comments stated herein, please confirm that the preconstruction requirements of mitigation measure PS-2a are complete.

Sincerely,



Gerry Akin – Project Manager – Overhead Construction & Engineering

Cc: Alan Colton, Manager – Environmental Services

Jonathan Woldemariam, Manager – Engineering & Procurement