



memorandum

date February 23, 2021

to Keri Cuppage, San Diego Gas & Electric Company (SDG&E)

cc Laurie Gorman, Irina Petersen, SDG&E

from Matt Fagundes, Maria Hensel, ESA; Pat Kelly, CPUC

subject CPUC Review and Approval: SDG&E Artesian Substation Transformer Oil Processing Nighttime Noise and Nuisance Reduction Plan

On February 5, 2021, San Diego Gas and Electric Company (SDG&E) informed the CPUC that the new transformer installed recently at its permanent location at the Artesian Substation, would require nighttime activity associated with an oil processing maintenance operation required for the transformer's use. In conformance with Mitigation Measures (MMs) NV-1, NV-2, and NV-5, described in the Final IS/MND for the Artesian Substation Project,¹ SDG&E prepared a Transformer Oil Process Nighttime Noise and Nuisance Reduction Plan (Plan) describing the plan for the transformer's oil processing operation and SDG&E's efforts to reduce nighttime noise and nuisance associated with this activity. As stated in the Plan, this maintenance process, which is required for compliance with manufacturer warranties for the transformer, would occur over a 48-hour continuous operation at the Artesian Substation site, currently in construction, and located at 14221 Camino Del Sur in the City of San Diego.

CPUC and ESA reviewed an initial version of the Plan for consistency with noise and vibration MMs, as described in the Final IS/MND for the Artesian Substation Project and responded to SDG&E via email with several technical and non-technical clarification questions. The CPUC and ESA convened a conference call with SDG&E to discuss and resolve outstanding issues regarding the Plan. On February 19, 2021, SDG&E provided a revised Plan, which includes details for noise reduction measures and neighboring resident notification, consistent with MM NV-2 and MM NV-5. A construction noise permit for this nighttime activity has been obtained through the City of San Diego and was provided to the CPUC as Appendix C of the revised Plan.

Condition of Approval:

SDG&E and/or their designated contractor shall conduct acoustic/noise monitoring during the oil processing operation to record noise levels in the vicinity of the apartment complex to the south of the Artesian Substation and provide the data to the CPUC/ESA within 24 hours of the acoustic/noise monitoring.

¹ State Clearinghouse No. 2018021027

On behalf of the CPUC, ESA finds the information in the Transformer Oil Processing Plan (dated February 2021) to be sufficiently complete and consistent with MM NV-1, MM NV-2, and MM NV-5. The revised Plan with adherence to conditions of approval (as described above) is conditionally approved by the CPUC.

Matthew Fagundes,

Senior Technical Associate, ESA