

August 12, 2022

202204025

PUBLIC UTILITIES COMMISSION
STATE OF CALIFORNIA
ATTENTION: DESMOND LEW
320 W. FOURTH STREET SUITE 500
LOS ANGELES CA 90013

RE: Emerald Fire
Date of Incident: February 10, 2022
Location of Incident: Near 1425 Emerald Bay, Laguna Beach, CA 92651

Dear Mr. Lew:

In accordance with the reporting requirements set forth in Resolution E-4184, this letter supplements the notice Southern California Edison Company (SCE) provided to the Commission via the web-based reporting system on Wednesday, July 20, 2022 at 11:25 a.m., regarding the above-referenced incident. SCE is required to submit this information pursuant to Commission instructions, resolutions and the Public Utilities Code, and submits this report under Public Utilities Code Section 315.

On Thursday, February 10, 2022 at approximately 4:10 a.m., a wildland fire that would become known as the Emerald Fire was reported near 1425 Emerald Bay in Laguna Beach, CA 92651. The Emerald Fire consumed approximately 145.8 acres of natural vegetation and there was no reported third-party damage.

The Emerald Fire burned through an area where the following SCE circuits are located: Santiago-Crown-Morro 66 kV subtransmission circuit, the Artist 12 kV and Kewamee 12 kV distribution circuits. SCE has no record of interruptions or circuit activity associated with faults on these circuits occurring near the reported fire alarm time. There was no wire down and/or damage to SCE facilities that required repair from the fire in the subject area.

To assist with fire suppression efforts, a section of the Kewamee 12 kV circuit was briefly de-energized at 6:19 a.m. and a section of the Artist 12 kV circuit was briefly de-energized at 6:23 a.m. During the course of patrolling the Santiago-Crown-Morro 66 kV subtransmission circuit on the day of the fire, our senior patrolman encountered an Orange County Fire Authority (OCFA) investigator in the vicinity of Moro Ridge Road who advised the fire may have ignited in the canyon area below the road. Additionally, the OCFA investigator inquired about circuit activity. The senior patrolman informed the OCFA investigator that the Santiago-Crown-Morro 66 kV subtransmission circuit did not experience a circuit interruption on the day of the fire. There was no further follow-up with SCE personnel by the OCFA. Furthermore, the OCFA did

not request SCE participate in the inspection or request that SCE remove or retain any equipment during the course of its investigation.

Over the next five months, SCE did not receive any communication from the OCFA indicating SCE facilities may have been involved in the ignition of the Emerald Fire. SCE learned from a municipal press release and media inquiries that the probable cause of the Emerald Fire was overhead powerlines.

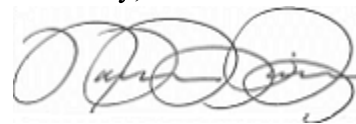
On July 21, 2022, SCE received a copy of the OCFA Investigation Report. The report identified the Specific Area of Origin (SAO), which is in the vicinity of SCE's 66kV circuit, and it noted discoloration to the west electrical line that traverses the canyon below Moro Ridge Road. The report further notes the most probable heat source and cause of the fire was sparks from electrical arcing from powerlines.

Our information reflects the Santiago-Crown-Morro 66 kV subtransmission circuit traverses the canyon and is supported by a three-pole configuration consisting of SCE Pole Nos. 785851E, 785852E and 785853E, which are located near Moro Ridge Road. Based upon the orientation of the poles and conductors, it appears the subject conductor is supported by SCE Pole No. 785853E and we would consider it the south phase in the subject span. The center phase is supported by SCE Pole No. 785852E and the north phase is supported by SCE Pole No. 785851E. We subsequently received photographs associated with the report which depict black marks/discoloration on a section of the southern conductor above the canyon. Although no specific location is referenced for the area of discoloration with black marks, the investigation report does indicate the three conductors are travelling over the SAO approximately 25' above it.

SCE is reviewing possible sources of the discoloration, including but not limited to soot from the fire, and grease and dirt on the conductor. SCE has found no data that a fault occurred on the Santiago-Crown-Morro 66kV circuit to suggest that the discoloration on the conductor was the result of conductors coming together.

No injuries or damages have been reported to SCE in connection with this event.

Sincerely,

A handwritten signature in black ink, appearing to read 'Natalie M Rivera', written in a cursive style.

Natalie M Rivera