

The CALIFORNIA PUBLIC UTILITIES COMMISSION
Safety and Enforcement Division
Wildfire Safety and Enforcement Branch

Incident Investigation Report

Report Date: January 25, 2024

Incident Number: E20220901-01 (Border 32 Fire)

Regulated Utility Involved: San Diego Gas and Electric Company (SDG&E)

Date and Time of the Incident: August 31, 2022, approximately at 1417 hours

Location of Incident: Barrett Lake Road & State Highway 94, Dulzura, San Diego County, CA

Fatality/Injury: None/Injuries to an unknown number of civilians and firefighter

Property Damage: \$154,306.06¹ for SDG&E equipment, \$0.00 for non-SDG&E property

Regulated Utility Facilities Involved: Circuit 157 12kV Distribution Circuit originating from Barrett Substation

I. Summary

On Thursday, September 1, 2022, SDG&E reported the Border 32 Fire to the California Public Utilities Commission (CPUC).² The Border 32 Fire began at approximately 1417 on August 31, 2022, in the vicinity of Barrett Lake Road and State Highway 94 in the unincorporated area of Dulzura in San Diego County. SDG&E reported this incident under the property damage criteria. The Border 32 Fire burned 4456 acres and was fully contained on September 5, 2022. CAL FIRE concluded that the fire was started by a vehicle traveling on Highway 94.

A. Rules and Requirements Violated

	Rule	Violation
1.	GO 95, Rule 19	SDG&E failed to preserve and store evidence in a manner that provides SED access to inspect the evidence.
2.	GO 165, Part III (C)	SDG&E failed to maintain annual patrol inspection records in its SAP system, and failed to specify the equipment it inspected for 2018 patrol inspections in its SAP system.

¹ SDG&E response to Data Request SED-02 (DR-2), Question 16, subpart (a). CPUC 2023 Data Request 2 – Border 32 Fire Incident 220901-15253.docx.

² CALFIRE informed SDG&E of the fire.

General Order 95, Rule 19 - Cooperation with Commission Staff; Preservation of Evidence Related to Incidents Applicability of Rules states in part:

“Each utility shall provide full cooperation to Commission staff in an investigation into any major accident (as defined in Rule 17) or any reportable incident (as defined in CPUC Resolution E-4184), regardless of pending litigation or other investigations, including those which may be related to a Commission staff investigation. Once the scene of the incident has been made safe and service has been restored, each utility shall provide Commission staff upon request immediate access to:

- Any factual or physical evidence under the utility or utility agent’s physical control, custody, or possession related to the incident...”

General Order 165 Part III (C) – Record Keeping states in part:

The utility shall maintain records for (1) at least ten (10) years of patrol and detailed inspection activities, ...

For all inspections records shall specify the circuit, area, facility or equipment inspected, the inspector, the date of the inspection, and any problems (or items requiring corrective action) identified during each inspection, as well as the scheduled date of corrective action.

B. Witnesses

	Name	Title
1.	Chris Lee	CPUC Lead Investigator
2.	Ed Pike	CPUC Investigator
6.	Matt Brown	CAL FIRE Fire Captain
7.	[REDACTED]	SDG&E Compliance Technical Advisor
8.	[REDACTED]	SDG&E Electric Supervisor

C. Evidence

	Source	Title
1.	SDG&E	Initial Incident Report, 09/01/2022
2.	SDG&E	20-Day Report, 09/09/2022
3.	CPUC	Data Request SED-01 (DR-1), 10/18/2022
4.	SDG&E	Data Request Responses to DR-1, 12/20/2022
5.	CPUC	Data Request SED-02 (DR-2), 02/27/2023
6.	SDG&E	Data Request Responses to DR-2, 03/27/2023
7.	CPUC	Clarification Questions for DR-01 Responses, 05/12/2023

8.	SDG&E	Responses to the Clarification Questions for DR-01 Responses, 5/19/2023
9.	CPUC	Data Request SED-03 (DR-3), 05/30/2023
10.	SDG&E	Data Request Response to DR-3, 06/09/2023
11.	CPUC	Clarification Questions Regarding Wood Pole Intrusive Inspections, 7/28/2023
12.	SDG&E	Responses to the Clarifications Questions Regarding Wood Pole Intrusive Inspections, 8/3/2023

II. Background

The Border 32 Fire occurred on August 31, 2022, around 1417 hours near the intersection of State Highway 94 and Barrett Lake Road, at 32.609646, -116.701230.³ The fire damaged 14 SDG&E wood poles along Circuit 157, a 12 kV distribution circuit, in a Tier 3 High Fire Threat District (HFTD).⁴ Figure 1 shows a map of the burn area, and Figures 2 through 6 show four areas within the burn area where the damaged SDG&E poles were located. Figure 7 shows Circuit 157 main and branch lines in the areas surrounding the burn area and the nearest substation. Eight customers lost power shortly after the report of the Fire. Approximately four and a half hours later, 309 additional customers lost power. SDG&E restored power to all customers by 2230 hours on September 1, 2022.

The weather conditions did not meet the criteria for activation of a Public Safety Power Shutoff (PSPS) event. SDG&E meteorology forecasted weather conditions on August 31, 2022, were expected to be above average temperatures with low humidity, but the winds were forecasted to remain below thresholds for PSPS activation.⁵

³ CAL FIRE investigator provided the fire origin coordinates by text on September 13, 2022. Although the CAL FIRE Investigation Report dated August 31, 2022 states the fire origin coordinates were 32.612778, -116.706457 (FC_34_22CAMVU018864_BORDER_32_R.pdf, Courtesy of CAL FIRE), the CAL FIRE investigator who prepared the report (22CAMVU018864_BORDER_32_LE-80_Signed_R.pdf, Courtesy of CAL FIRE) confirmed on January 19, 2024 that the coordinates were 32.609646, -116.701230.

⁴ SDG&E response to DR-1, Question 43. CPUC 2022 Data Request – Border 32 Fire Incident 220901-15253.docx.

⁵ SDG&E response to DR-1, Question 30. CPUC 2022 Data Request – Border 32 Fire Incident 220901-15253.docx.

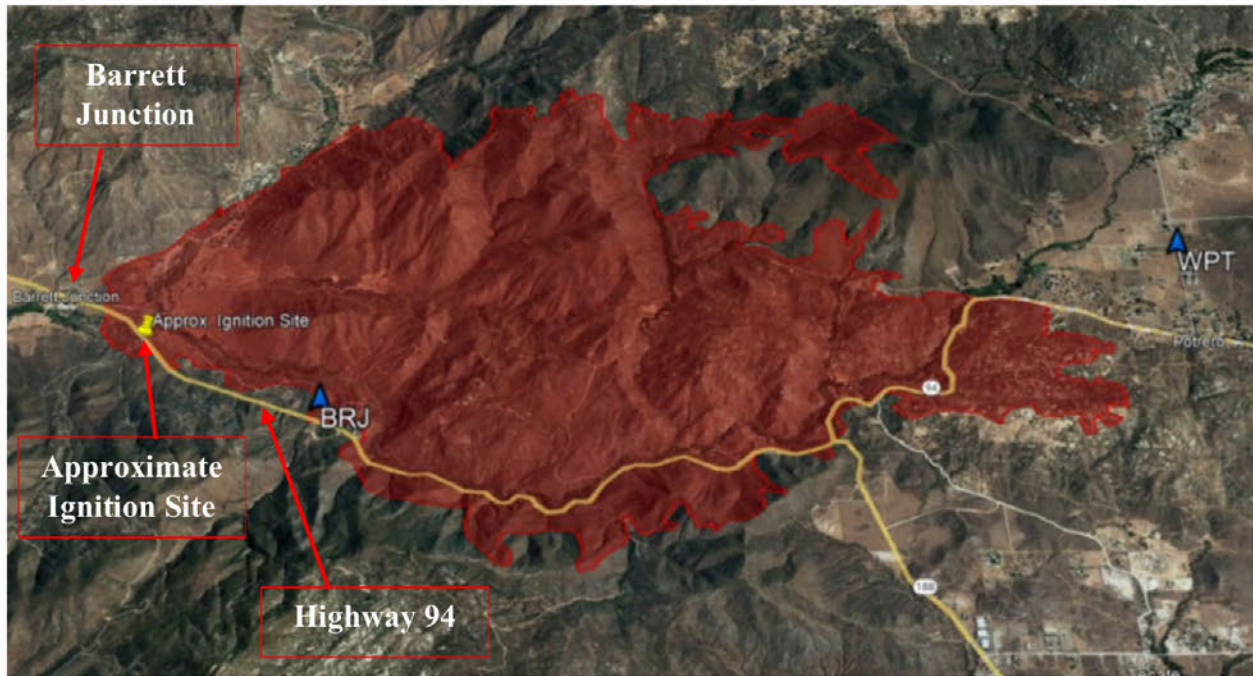


Figure 1: Map of the burn area.⁶ The blue icons represent weather stations.



Figure 2: Areas where electric power poles were damaged by the fire. Google Earth

⁶ SDG&E response to DR-1, Question 33. CPUC 2022 Data Request – Border 32 Fire Incident 220901-15253.docx.



Figure 4. Detailed map of Area 2.⁸

⁸ SDG&E response to Question 1, subpart (a). CPUC Incident Data Request 1 – Clarification on Data Request Responses – Border 32 Fire Incident 220901-15253.docx.



Figure 5: Detailed map of Area 3.⁹ P873039 (pole 873039) is incorrectly labeled as P873093 by SDG&E.¹⁰

⁹ SDG&E response to DR-1, Question 5. Subject Circuit Maps.docx.

¹⁰ SDG&E response to Question 1 subpart (b). CPUC Incident Data Request 1 – Clarification on Data Request Responses – Border 32 Fire Incident 220901-15253.docx.



Figure 6: Detailed map of Area 4.¹¹

¹¹ SDG&E response to DR-1, Question 5. Subject Circuit Maps.docx.

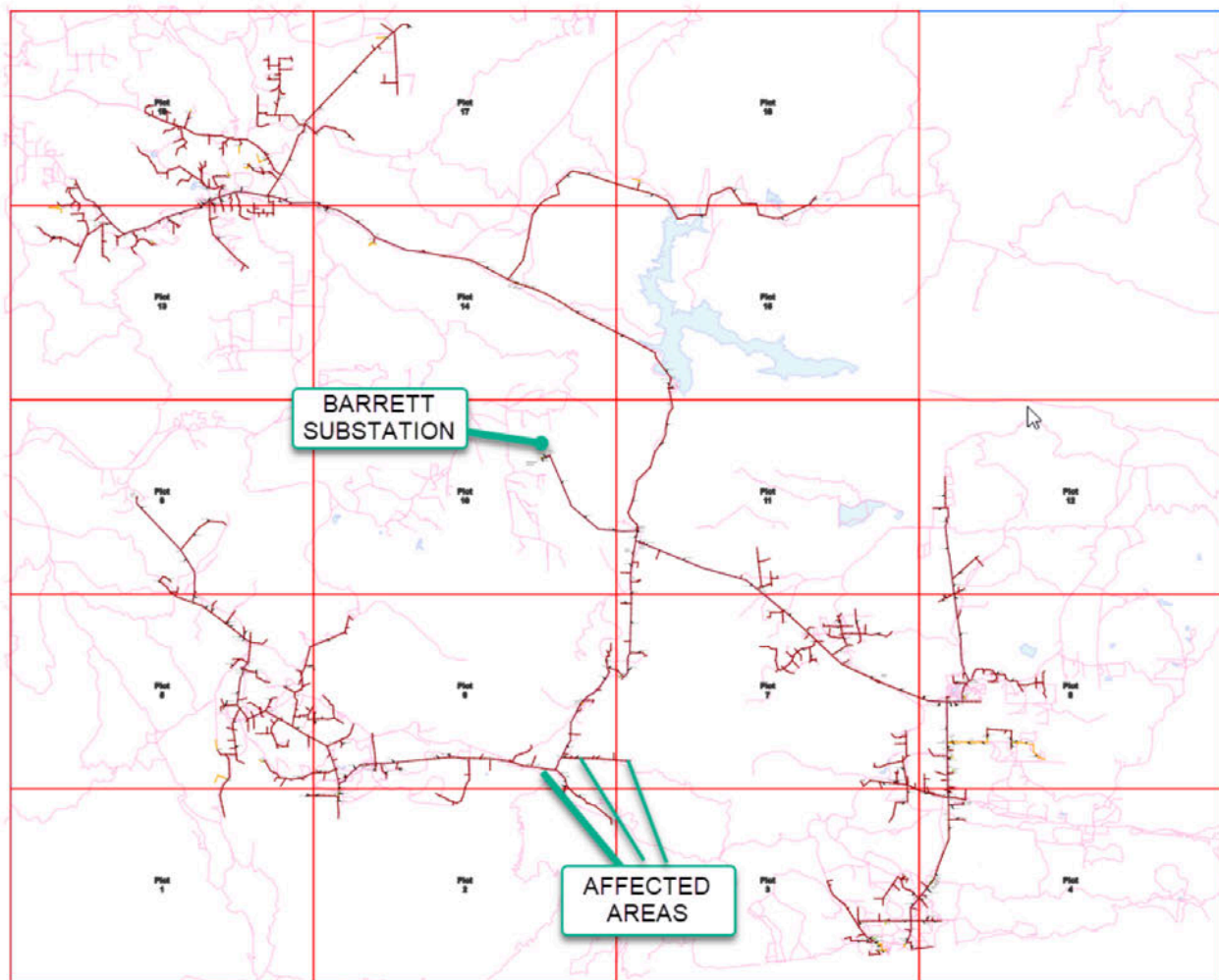


Figure 7: Map of Circuit 157 pointing out the locations of the damaged poles and the nearest substation.¹²

III. Fire Authority Report¹³

On August 31, 2023, at approximately 2:10 pm, the San Diego Interagency Communications Center (SDICC) notified CAL FIRE (the Fire Authority for the Border 32 Fire) of a vegetation fire near Highway 94 and Barrett Lake Road in the community of Barrett Junction. CAL FIRE arrived at the scene at approximately 3:29 pm and observed the fire at approximately 30-40 acres in size, burning in an east direction. The fire was later contained to 4456 acres. The burn area consisted of tall annual grass and medium brush. CAL FIRE reported that the fire damaged

¹² SDG&E response to DR-1, Question 5. Subject Circuit Maps.docx.

¹³ 22CAMVU018864_Border_32_LE-80_Signed_R.pdf. SED obtained the CAL FIRE Investigation Report on July 31, 2023 through a California Public Records Act request, submitted on June 8, 2023.

approximately 8 structures, destroyed 30 structures, and caused injuries to civilians and fire fighters. CAL FIRE did not report the number of injuries.

CAL FIRE determined that the Specific Origin Area (SOA) was an area approximately 30' x 30' in size along the shoulder of Highway 94 with a large bush. Approximately two feet from the SOA, CAL FIRE recovered a piece of metal approximately the size of a quarter. This metal was like the blue metal shavings CAL FIRE recovered earlier in small ignition areas that did not appear linked to the main fire. CAL FIRE's report concluded that a vehicle traveling on Highway 94 threw hot metal pieces into the dry grass, causing the grass to ignite and starting the Border 32 fire. The report stated that there were no factors tending to show that powerlines were the cause of the fire.

CAL FIRE reported the following weather conditions at 1400 hours on August 31, 2022: temperature of 102.0° F, relative humidity of 19%, and wind speed of 15.0 miles per hour (mph), with gusts to 22.0 mph.¹⁴

IV. SED Review and Analysis

A. Review of Event Timeline

SDG&E's 20-Day Report¹⁵ for the Border 32 Fire and SDG&E's updated timeline¹⁶ detailed the following timeline. On August 31, 2022, at approximately 1456 hours, CAL FIRE notified SDG&E of the "Border 32 Fire" which burned over 4000 acres. The fire damaged 14¹⁷ SDG&E-owned poles. The fuse at Pole P175952 opened at 1535 hours, causing an outage to eight customers. SDG&E crew personnel began to arrive in the Mountain Empire district yard around 1700 hours. At 1900 hours, CAL FIRE directed SDG&E to stand down for the night. At 2000 hours, recloser 157-273R at Pole P175956 tripped, causing an outage to an additional 309 customers. At 0915 hours on September 1, 2022, CAL FIRE granted SDG&E access to the burn area, and at 1134 hours, allowed restoration construction within the burn area. SDG&E restored power to all customers by 2230 hours.

B. SED Field Observations

SED conducted a single site visit to the Incident Location.

On Wednesday, September 14, 2022, SED met with the SDG&E compliance management technical advisor for the Border 32 Fire and the electric supervisor at the laydown yard.

¹⁴ 22CAMVU018864_Border_32_LE-80_Signed_R.pdf, page 7.

¹⁵ CPUC Report Border Fire Incident 220901-15253.doc, September 8, 2022.

¹⁶ 1 – Timeline of Actions.docx (supplemental response to DR-2, Question 15. 5/2/2023)

¹⁷ The 20-Day Report stated that 11 poles sustained damages and were replaced. However, prior to SED's site visit on 9/14/2022, the electric supervisor stated in an email that 14 poles sustained damages and were replaced.



Figure 8. Map of the laydown yard shown by blue pin drop and approximate location of the power lines in the area indicated by light blue dashed arrows.

The electric supervisor said the replacement of 14 damaged poles began on September 1, 2022, and was completed on September 2, 2022. The electric supervisor stated that he attempted to find and gather the damaged poles and equipment after SDG&E had implemented restoration construction. Some of the damaged poles were stored in a 23-foot metal container labeled “RFS” (Removed From Service) in the laydown yard. (See Figure 9.) Inside the container, SED investigators observed segments of poles and cross arms, insulators, and wires. SED investigators observed that cross arms and other equipment had been separated from the poles, and that the poles were cut into segments.



Figure 9. The container in which some of the damaged equipment was stored.



Figure 10. Pole segments, cross arms, and other equipment inside the container.

C. SED Document Review and Investigation

This section discusses SED's review of utility regulations, procedures, and inspection documents obtained through SDG&E's 20-Day Report, or the subsequent Data Requests (DR) SED sent to the utility.

1. Maintenance Programs

According to SDG&E's Corrective Maintenance Program Manual (CMPM), SDG&E conducts patrol of wood poles annually.

C. SDG&E CMP INSPECTION CYCLES & INTERVALS

1. SDG&E CYCLES PER GO 165

SDG&E System Inspection Cycles

	Patrol ¹	DETAILED	INTRUSIVE
Transformers Overhead Underground (subsurface) Pad Mounted (live-front) Pad Mounted (dead-front)	Patrol Patrol Patrol Patrol	OHVI 5 SS3 AGLF 5 AGDF 5	N/A
Switching/Protective Devices Overhead Underground (subsurface) Pad Mounted (live-front) Pad Mounted (dead-front) Oil & Gas Switches (above or below surface)	Patrol Patrol Patrol Patrol Patrol	OHVI 5 SS3 AGLF 5 AGDF 5 SW3	N/A
Regulators/Capacitors Overhead Underground (subsurface) Pad Mounted (live-front) Pad Mounted (dead-front)	Patrol Patrol Patrol Patrol	OHVI 5 SS3 AGLF 5 AGDF 5	N/A
Overhead Conductors and Cables	Patrol	OHVI 5	N/A
SDG&E owned Street Lighting	Patrol	N/A	N/A
Wood Poles under 15 years	Patrol	OHVI 5	N/A
Wood Poles over 15 years which have not been subject to intrusive inspection	Patrol	OHVI 5	POIN 10
Wood Poles which passed intrusive inspection	Patrol	OHVI 5	POIN 20

Where the cycles are:

Patrol¹ Patrol- one-year

Figure 11. A screenshot of SDG&E's Corrective Maintenance Program Manual, page 6.

The Corrective Maintenance Program Manual also states on page 11:

“GO 165 specifies different patrol cycle requirements based on the location of the facility within Urban areas, Rural areas within the Extreme and Very High Fire Threat area, and Rural areas outside the Extreme and Very High Fire Threat area . . . Starting in 2010, SDG&E began performing patrols on an annual basis regardless of location.”

SDG&E provided annual patrol inspection records from 2018 to 2022 from its SAP¹⁸ system for the 14 poles that were damaged by the fire. For each pole, SDG&E provided five screenshots from its SAP system. Each screenshot shows an annual inspection record of a specific pole from 2018 to 2022.

For example, on the P874628 tab of the Affected Section Pole Info.xlsx¹⁹ SDG&E provided screenshots of annual inspection records from 2022 to 2018. (See Figure 12 to Figure 16.) The long text field under “Description” field of each screenshot identifies the poles that were inspected in the area identified by the functional location. The functional location for the area in which Pole P874628 is located is identified as ED.MTE.MAPS.1465, ED:STD:MAP:17370-118380. In the long text field, SDG&E highlighted Pole P874628 in yellow to show that the record shows that the pole was one of the poles inspected. In Figure 12, SED highlighted the tab label, the functional location, and the long text field with red rectangles to highlight when the inspection occurred for each pole.

Notification: 100021253062 ID: PATROL Y1 INTERVAL 02

Notif. Status: NOCO COMP

Notification Header Location Maintenance Plan

Reference object

Functional loc. ED.MTE.MAPS.1465 ED:STD:MAP:17370-118380

Equipment

Assembly

Subject

Work Type: SDED-PA 159 Patrol Inspection

Description: PATROL Y1 INTERVAL 02

02/08/2022 08:04:22 P87 POP PO Interface Logonid (POPRD200)
P874587, RMOGHEN, 06-FEB-22; P874588J, RMOGHEN, 06-FEB-22; P874589, RMOGHEN, 06-FEB-22; P874627, RMOGHEN, 06-FEB-22; **P874628, RMOGHEN, 06-FEB-22; P874629, RMOGHEN, 06-FEB-22; P874630J, RMOGHEN, 06-FEB-22;**

Start/End Dates

Required Start: 02/01/2022 00:00:00 Priority: no value default

Required End: 05/31/2022 00:00:00

Revision: SDGE

Responsibilities

Planner group: / SDGE

Main WorkCtr: EDU_MTE / SDED MOUNTAIN EMPIRE ELEC UG

Job Owner: 2388

Job Owner: 2388

Reported by: RMOGHEN Notif. date: 01/25/2022 01:16:34

Pole Info P873040 P874627 **P874628** P874589 P874628

Figure 12. 2022 patrol inspection record for Functional Location ED.MTE.MAPS.1465, ED:STD:MAP:17370-118380.

¹⁸ SAP is a software system which SDG&E uses for storing patrol records.

¹⁹ SDG&E’s response to DR-2, Question 4. Affection Section Pole Info.xlsx

Notification	100019309543	1D	PATROL Y1 INTERVAL 02
Notifc. Status	NOCO	COMP	
Notification Header Location Maintenance Plan			
Reference object			
Functional loc.	ED.MTE.MAPS.1440	ED:STD:MAP:17355-118380	
Equipment			
Assembly			
Subject			
Work Type	SDED-PA	199	Patrol Inspection
Description	PATROL Y1 INTERVAL 02		
02/04/2021 11:19:14 PST POP PO Interface Logonid (POPRD200) P874587,CWELDY,04-FEB-21;P874588J,CWELDY,04-FEB-21;P874589,CWELDY,04-FEB-21;P874627,CWELDY,04-FEB-21;P874628,CWELDY,04-FEB-21;P874629,CWELDY,04-FEB-21;P874630J,CWELDY,04-FEB-21;			
Start/End Dates			
Required Start	02/01/2021	00:00:00	Priority no value default
Required End	05/31/2021	00:00:00	
Revision		SDGE	
Responsibilities			
Planner group		/ SDGE	
Main WorkCtr	EDU_MTE	/ SDED	MOUNTAIN EMPIRE ELEC UG
Job Owner	2388		
Job Owner	2388		
Reported by	CWELDY	Notif.date	01/25/2021 01:22:45

Figure 13. 2021 patrol inspection record for Functional Location ED.MTE.MAPS.1440, ED:STD:MAP:17355-118380.²⁰

²⁰ The functional location is different from the 2022, 2020 and 2019 records, but the pole numbers are the same.

Notification	100017437092 1D PATROL Y1 INTERVAL 02		
Notific. Status	NOCO	COMP	
Notification Header Location Maintenance Plan			
Reference object			
Functional loc.	ED.MTE.MAPS.1465	ED:STD:MAP:17370-118380	
Equipment			
Assembly			
Subject			
Work Type	SDED-PA 199	Patrol Inspection	
Description	PATROL Y1 INTERVAL 02		
02/07/2020 11:09:17 PST DIP PI Interface Logonid (PIPRD200) P874587, RMCCHEN, 07-FEB-20; P874588J, RMCCHEN, 07-FEB-20; P874589, RMCCHEN, 07-FEB-20; P874627, RMCCHEN, 07-FEB-20; P874628, RMCCHEN, 07-FEB-20; P874629, RMCCHEN, 07-FEB-20; P874630J, RMCCHEN, 07-FEB-20;			
Start/End Dates			
Required Start	02/01/2020 00:00:00	Priority	no value default
Required End	05/30/2020 00:00:00		
Revision		SDGE	
Responsibilities			
Planner group	/ SDGE		
Main WorkCtr	EDU_MTE / SDED	MOUNTAIN EMPIRE ELEC UG	
Job Owner	5632		
Job Owner	5632		
Reported by	RMCCHEN	Notif. date	01/25/2020 02:12:33

Figure 14. 2020 patrol inspection record for Functional Location ED.MTE.MAPS.1465, ED:STD:MAP:17370-118380.

Notification	100013648516 ID PATROL Y1 INTERVAL 02			
Notific. Status	NOCO			COMP
Notification Header Location Maintenance Plan				
Reference object				
Functional loc.	ED.MTE.MAPS.1465		ED:STD:MAP:17370-118380	
Equipment				
Assembly				
Subject				
Work Type	SDED-PA	199	Patrol Inspection	
Description	PATROL Y1 INTERVAL 02			
02/19/2019 14:39:55 PST PIP PI Interface Logonid (PIPED200) P874587,RMCGHEN,19-FEB-19;P874588J,RMCGHEN,19-FEB-19;P874589,RMCGHEN,19-FEB-19;P874627,RMCGHEN,19-FEB-19;P874628,RMCGHEN,19-FEB-19; P874629,RMCGHEN,19-FEB-19;P874630J,RMCGHEN,19-FEB-19;				
Start/End Dates				
Required Start	02/01/2019	00:00:00	Priority	no value default ▼
Required End	05/31/2019	00:00:00		
Revision		SDGE		
Responsibilities				
Planner group	/ SDGE			
Main WorkCtr	EDU_MTE	/ SDED	MOUNTAIN EMPIRE ELEC UG	
Job Owner	5632			
Job Owner	5632			
Reported by	RMCGHEN	Notif.date	01/25/2019	01:47:42

Figure 15. 2019 patrol inspection record for Functional Location ED.MTE.MAPS.1465, ED:STD:MAP:17370-118380.

Notification	100011657909	ID	PATROL Y1 INTERVAL 02
Notific. Status	NOCO	COMP	
Notification Header Location Maintenance Plan			
Reference object			
Functional loc.	ED.MTE.MAPS.1465	ED:STD:MAP:17370-118380	
Equipment			
Assembly			
Subject			
Work Type	SDSD-PA	199	Patrol Inspection
Description	PATROL Y1 INTERVAL 02		
Inspected by #11614 on 2/8/18, no infractions found.			
Start/End Dates			
Required Start	02/01/2018	00:00:00	Priority no value default
Required End	05/31/2018	00:00:00	
Revision		SDGE	
Responsibilities			
Planner group	/	SDGE	
Main WorkCtr	EDU_MTE	/	SDSD MOUNTAIN EMPIRE ELEC UG
Job Owner	5632		
Job Owner	5632		
Reported by	11614	Notif.date	01/25/2018 01:34:14

Figure 16. 2018 patrol inspection record for Functional Location ED.MTE.MAPS.1465, ED:STD:MAP:17370-118380.

SED reviewed the 2018 to 2022 annual patrol inspection records on the P874628 tab to verify that all the poles in that functional location were patrol inspected annually. However, in the screenshot format provided by SDG&E, it was difficult to keep track of each pole for each year. To facilitate the review process, SED created a table based on the annual patrol inspection records. SED tabulated the ID numbers of the poles that were inspected from the long text field of the annual patrol records. See Table 1.

Table 1: SED-compiled table of annual patrol inspection records for 2018 – 2022 for Functional Location ED.MTE.MAPS.1465, ED:STD:MAP:17370-118380, based on the screenshots of SDG&E’s SAP records on the P874628 tab of Affection Section Pole Info.xlsx.

	2022	2021	2020	2019	2018 ²¹
1	P874587	P874587	P874587	P874587	
2	P874588J	P874588J	P874588J	P874588J	
3	P874589	P874589	P874589	P874589	
4	P874627	P874627	P874627	P874627	
5	P874628	P874628	P874628	P874628	
6	P874629	P874629	P874629	P874629	
7	P874630J	P874630J	P874630J	P874630J	

The first column shows the number of poles at the location that were inspected. Columns two through six list the ID numbers for the poles that were inspected from year 2022 to 2018. Table 1 shows that each of the seven poles at the location were patrol inspected every year from 2019 to 2022. The 2018 record will be discussed later in the report.

Similarly, based on the annual patrol inspection records on the P175953 tab, SED tabulated the ID numbers for the poles inspected 2018 – 2022 in Functional Location ED.MTE.MAPS.1376, ED:STD:MAP: 17325-118380. (See Table 2.) For the screenshots of the patrol inspection records, see Appendix A.

Table 2. SED-compiled table of annual patrol inspection records for 2018 – 2022 for Functional Location ED.MTE.MAPS.1376, ED:STD:MAP: 17325-118380, based on the screenshots of SDG&E’s SAP records on the P175953 tab of Affection Section Pole Info.xlsx.

	2022	2021	2020	2019	2018 ²²
1	P175951	P175951	P175951	P175951	
2	P175952	P175952	P175952	P175952	
3	P175953	P175953	P175953	P175953	
4	P175954	P175954	P175954	P175954	
5	P199356	P199356	P199356	P199356	
6	P199357	P199357	P199357	P199357	
7	P877031	P877031	P877031	P877031	
8	P878883	P878883	P878883	P878883	

²¹ The 2018 record does not list the poles inspected. It only states, “no infractions found.”

²² The 2018 record does not list the poles inspected. It only states, “no infractions found.”

Table 2 shows that each of the eight poles at the location were patrol inspected every year from 2019 to 2022.

In contrast, when SED examined annual patrol records in other functional locations, it found records were missing. SED tabulated the inspection records from the P873035 tab, for Functional Location ED.MTE.MAPS.1408, ED:STD:MAP: 17340-118380. (See Table 3.) For the screenshots of the patrol inspection records, see Appendix B.

Table 3. SED-compiled table for 2019²³ – 2022 annual patrol inspections for Functional Location ED.MTE.MAPS.1408, ED:STD:MAP: 17340-118380, based on the screenshots of SDG&E’s SAP records on the P873035 tab of Affection Section Pole Info.xlsx.

	2022	2021	2020	2019
1	P473324	P473324	P473324	
2	P873033	P873033	P873033	
3	P873034	P873034	P873034	
4	P873035	P873035	P873035	
5	P873036	P873036	P873036	
6	P873776	P873776	P873776	P873776
7	P875532	P875532	P875532	P875532
8				P175923
9				P175924
10				P175925

The blank cells indicate missing records. Only two of the ten poles had annual patrol inspection records from 2019 to 2022: P873776 and P875532. The other eight poles were missing records. For example, Pole P473324 was missing the 2019 record. Pole P175923 was missing the 2020, 2021, and 2022 records.

SED also reviewed the annual patrol inspection records for Functional Location ED.MTE.MAPS.1375, ED:STD:MAP: 17325-118370. See Table 4. For the screenshots of the patrol inspection records, see Appendix C.

²³ SDG&E did not provide the 2018 patrol inspection record.

Table 4. SED-compiled table for 2018 – 2022 annual patrol inspections for Functional Location ED.MTE.MAPS.1375, ED:STD:MAP: 17325-118370, based on the screenshots of SDG&E's SAP records on the P971188 tab of Affection Section Pole Info.xlsx.

	2022	2021	2020	2019	2018 ²⁴
1	P175551		P175551		
2				P175939	
3	P175955		P175955		
4	P175956		P175956		
5	P175957		P175957		
6			P175958		P175958
7	P175962		P175962	P175962	
8	P175963		P175963	P175963	
9				P177458	
10				P177459	
11				P177460	
12		P205209			
13				P246412	
14		P873037			
15		P873038			
16		P873039			
17		P873040			
18		P873041			
19		P873042			
20	P873210		P873210	P873210	
21		P874585			
22		P874586			
23	P971188		P971188	P971188	

The blank cells indicate missing records. Table 4 show that none of the poles in the location had annual patrol inspection records from 2019 to 2022. For the missing 2021 patrol inspection record for Pole P971188, SDG&E provided the following explanation:

“2021 NOTE: This pole was patrolled but there were data issues where the pole was not written into the long text of the notification in SAP.”²⁵

In addition, the 2018 patrol records did not identify the poles that were patrol inspected, as shown by the 2018 column in Tables 1 – 4. The 2018 patrol inspection records that SED

²⁴ SDG&E listed P175958 because infraction was found on the pole. No other poles were listed.

²⁵ SDG&E's response to DR-2, Question 4. Affection Section Pole Info.xlsx, P971188 tab.

reviewed stated either “no infractions found” - as shown in Figure 16 above - or only listed the pole number (P175958) on which an infraction was found. See Figure 17 below.

2018

Notification	100011657893	1D	PATROL Y1 INTERVAL 02	
Notific. Status	NOCO		COMP	
Notification Header Location Maintenance Plan				
Reference object				
Functional loc.	ED.MTE.MAPS.1375	ED:STD:MAP:17325-118370		
Equipment				
Assembly				
Subject				
Work Type	SDED-PA	199	Patrol Inspection	
Description	PATROL Y1 INTERVAL 02			
Inspected by [REDACTED] #11614 on 2/8/18, infraction found on P175958 code i246 pole is full of wood pecker holes				
Start/End Dates				

P971188 P175953 ... + : ◀

Figure 17. 2018 Patrol Inspection Record with one infraction from the P971188 tab.

The patrol inspection records must list all the poles that were inspected, regardless of whether infractions are found on the poles or not.²⁶ Unless all the inspected poles are listed, there is no way to verify from the records what poles have been inspected. Since 2018, records indicate that SDG&E is listing all the poles inspected.

²⁶ General Order 165 Part III (C) states in part, “For all inspections records shall specify the circuit, area, facility or equipment inspected,”

V. Violations

SED reviewed and analyzed inspection and maintenance records and investigation reports related to this incident to determine compliance with Commission regulations. SED's investigation discovered two violations.

General Order 95, Rule 19 - Cooperation with Commission Staff; Preservation of Evidence Related to Incidents Applicability of Rules states in part:

"Each utility shall provide full cooperation to Commission staff in an investigation into any major accident (as defined in Rule 17) or any reportable incident (as defined in CPUC Resolution E-4184), regardless of pending litigation or other investigations, including those which may be related to a Commission staff investigation. Once the scene of the incident has been made safe and service has been restored, each utility shall provide Commission staff upon request immediate access to:

- Any factual or physical evidence under the utility or utility agent's physical control, custody, or possession related to the incident..."

Violation 1

GO 95, Rule 19 requires that utilities retain evidence related to an incident and provide Commission staff access to the evidence. Damaged electrical equipment near the area where the fire ignited is evidence that the utility must retain until released by SED.

Further, SDG&E's Non-Operational Standard Practice Procedure,²⁷ requires that all evidence collected due to an incident, "shall be cataloged and maintained consistent with Public Utilities Code, Section 316, and General Order 95, Rule 19."²⁸

Some of the damaged poles had been gathered and stored in the container at the laydown yard. However, because these poles had been cut up into segments and stacked on top of one another in a container, with the attached equipment²⁹ removed, it was not possible for SED to access them or to identify the poles. Further, SDG&E did not properly preserve evidence related to the Incident when it gathered and stored unidentified segments of wires. In addition, even if SED could have accessed and identified the equipment, the equipment was extensively modified which reduced or destroyed the value of the equipment as potential evidence. Thus, SDG&E's failure to preserve and store evidence in a manner as to provide SED access to inspect the evidence violates GO 95, Rule 19 in addition to SDG&E's practice and procedure.

General Order 165 Part III (C) – Record Keeping states in part:

²⁷ DR-2 Question 9. DR 2 Question 9 response attach Internal Incident Investigation and Rep.pdf. (This is an internal document)

²⁸ DR-2 Question 9. DR 2 Question 9 response attach Internal Incident Investigation and Rep.pdf, page 4.

²⁹ Poles typically have cross arms and insulators for the conductors. Some poles may have additional equipment, such as transformers.

“The utility shall maintain records for (1) at least ten (10) years of patrol and detailed inspection activities, ...

For all inspections records shall specify the circuit, area, facility or equipment inspected, the inspector, the date of the inspection, and any problems (or items requiring corrective action) identified during each inspection, as well as the scheduled date of corrective action.”

Violation 2

GO 165 Part III (C) requires that utilities maintain records for patrol inspection activities for 10 years. Starting in 2010, SDG&E conducted patrol inspections of wood poles on an annual basis. However, as summarized in Table 3 and Table 4 in Section IV (C) above, several poles were missing annual patrol inspection records. The failure to maintain patrol inspection records is a violation of GO 165 Part III (C).

In addition, GO 165 Part III (C) requires that utilities specify the equipment inspected for all inspection records. The 2018 patrol inspection records in the SAP System for the damaged poles specify only one pole which had an infraction. The records do not specify other poles that were inspected but were found to have no infractions. For examples, for Functional Location ED.MTE.MAPS.1465, ED:STD:MAP:17370-118380 (see Table 1), seven poles should have been listed. For Functional Location ED.MTE.MAPS.1376, ED:STD:MAP: 17325-118380, eight poles should have been listed. Without listing every pole that SDG&E inspected for each year, SED cannot verify that SDG&E conducted inspections on those poles. This is a violation of GO 165 Part III (C).

VI. Conclusion

GO 95, Rule 19 requires that utilities retain evidence related to an incident and provide Commission staff access to the evidence. SDG&E collected some of the damaged poles and removed equipment³⁰, and cut them in segments short enough to be stored in a 23-foot container which damaged or eliminated their usefulness as evidence. In addition, during its site visit, SED was unable to identify and inspect any of the poles of interest. SDG&E violated GO 95, Rule 19 when it failed to retain evidence related to the Border 32 Fire Incident.

GO 165 Section III (C) requires utilities to keep records of patrol inspections for 10 years, and for inspection records to specify the equipment inspected. In SDG&E’s SAP system, the annual patrol inspection records were missing for several poles. In addition, the 2018 patrol inspection records did not specify the poles that were inspected. Accordingly, SDGE violated GO 165

³⁰ All poles have cross arms and insulators for the conductors. Some poles may have additional equipment, such as transformers.

Section III (C) when it failed to keep complete patrol inspection records for each of its utility poles for 10 years.

Appendix A

Screenshots of Annual Patrol Inspection Records from the P175953 Tab

Notification 1D PATROL Y1 INTERVAL 02

Notific. Status

☒ Notification Header ☐ Location ☐ Maintenance Plan

Reference object

Functional loc. ED-STD:MAP:17325-118380

Equipment

Assembly

Subject

Work Type Patrol Inspection

Description

02/08/2022 08:04:14 PST POP PO Interface Logonid (POPRD200)
P175951, RMCCHEN, 06-FEB-22; P175952, RMCCHEN, 06-FEB-22; **P175953, RMCCHEN, 06-FEB-22;** P175954, RMCCHEN, 06-FEB-22; P199356, RMCCHEN, 06-FEB-22; P199357, RMCCHEN, 06-FEB-22; P877031, RMCCHEN, 06-FEB-22; P878883, RMCCHEN, 06-FEB-22;

Start/End Dates

Required Start Priority

Required End

Revision

Responsibilities

Planner group /

Main WorkCtr / MOUNTAIN EMPIRE ELEC UG

Job Owner

Job Owner

Reported by Notif.date

... P873035 P175963 P971188 **P175953** P874629

Figure 1. Screenshot of the 2022 annual patrol inspection record.

Notification	100019309534	1D	PATROL Y1 INTERVAL 02
Notific. Status	NOCO	COMP	
Notification Header Location Maintenance Plan			
Reference object			
Functional loc.	ED.MTE.MAPS.1376	ED-STD-MAP:17325-118380	
Equipment			
Assembly			
Subject			
Work Type	SD-ED-PA	199	Patrol Inspection
Description	PATROL Y1 INTERVAL 02		
02/05/2021 11:18:56 PST POP PO Interface Logonid (POPRD200) P175951,ASIMMON1,05-FEB-21;P175952,CWELDY,04-FEB-21;P175953,CWELDY,04-FEB-21;P175954,CWELDY,04-FEB-21;P199356,CWELDY,04-FEB-21;P199357,CWELDY,04-FEB-21;P877031,CWELDY,04-FEB-21;P878883,ASIMMON1,05-FEB-21;			
Start/End Dates			
Required Start	02/01/2021	00:00:00	Priority no value default
Required End	05/31/2021	00:00:00	
Revision		SDGE	
Responsibilities			
Planner group	/	SDGE	
Main WorkCtr	EDU_MTE	/	SD-ED MOUNTAIN EMPIRE ELEC UG
Job Owner	2388		
Job Owner	2388		
Reported by	ASIMMON1	Notif.date	01/25/2021 01:22:45

Figure 2. Screenshot of the 2021 annual patrol inspection record.

Notification	100017437077 1D PATROL Y1 INTERVAL 02		
Notific. Status	NOCO		COMP
Notification Header Location Maintenance Plan			
Reference object			
Functional loc.	ED.MTE.MAPS.1376	ED:STD:MAP:17325-118380	
Equipment			
Assembly			
Subject			
Work Type	SD-PA	199 Patrol Inspection	
Description	PATROL Y1 INTERVAL 02		
02/07/2020 11:09:14 PST PIP PI Interface Logonid (PIPRD200) P175951,RMCGHEN,07-FEB-20;P175952,RMCGHEN,07-FEB-20;P175953,RMCGHEN,07-FEB-20;P175954,RMCGHEN,07-FEB-20;P199356,RMCGHEN,07-FEB-20;P199357,RMCGHEN,07-FEB-20;P877031,RMCGHEN,07-FEB-20;P878883,RMCGHEN,07-FEB-20;			
Start/End Dates			
Required Start	02/01/2020	00:00:00	Priority no value default
Required End	05/30/2020	00:00:00	
Revision		SDGE	
Responsibilities			
Planner group	/ SDGE		
Main WorkCtr	EDU_MTE / SDGE	MOUNTAIN EMPIRE ELEC UG	
Job Owner	5632		
Job Owner	5632		
Reported by	RMCGHEN	Notif.date	01/25/2020 02:12:33

Figure 3. Screenshot of the 2020 annual patrol inspection record.

Notification	100013648501	ID	PATROL Y1 INTERVAL 02	
Notific. Status	NOCO		COMP	
Notification Header Location Maintenance Plan				
Reference object				
Functional loc.	ED.MTE.MAPS.1376	ED-STD:MAP:17325-118380		
Equipment				
Assembly				
Subject				
Work Type	SD-ED-PA	199	Patrol Inspection	
Description	PATROL Y1 INTERVAL 02			
02/19/2019 14:39:54 PST PIP PI Interface Logonid (PIPRD200) P175951, RMCCHEN, 19-FEB-19; P175952, RMCCHEN, 19-FEB-19; P175953, RMCCHEN, 19-FEB-19; P175954, RMCCHEN, 19-FEB-19; P199356, RMCCHEN, 19-FEB-19; P199357, RMCCHEN, 19-FEB-19; P877031, RMCCHEN, 19-FEB-19; P878883, RMCCHEN, 19-FEB-19;				
Start/End Dates				
Required Start	02/01/2019	00:00:00	Priority	no value default
Required End	05/31/2019	00:00:00		
Revision		SDGE		
Responsibilities				
Planner group		/ SDGE		
Main WorkCtr	EDU_MTE	/ SD-ED	MOUNTAIN EMPIRE ELEC UG	
Job Owner	5632			
Job Owner	5632		Hunter	
Reported by	RMCCHEN	Notif.date	01/25/2019	01:47:42

Figure 4. Screenshot of the 2019 annual patrol inspection record.

Notification	100011657894	ID	PATROL Y1 INTERVAL 02	
Notific. Status	NOCO		COMP	
Notification Header Location Maintenance Plan				
Reference object				
Functional loc.	ED.MTE.MAPS.1376	ED-STD:MAP:17325-118380		
Equipment				
Assembly				
Subject				
Work Type	SDDED-PA	199	Patrol Inspection	
Description	PATROL Y1 INTERVAL 02			
Inspected by [REDACTED] #11614 on 2/8/18, no infracations found.				
Start/End Dates				
Required Start	02/01/2018	00:00:00	Priority	no value default
Required End	05/31/2018	00:00:00		
Revision		SDGE		
Responsibilities				
Planner group		/ SDGE		
Main WorkCtr	EDU_MTE	/ SDED	MOUNTAIN EMPIRE ELEC UG	
Job Owner	5632	[REDACTED]		
Job Owner	5632	[REDACTED]		
Reported by	11614	Notif.date	01/25/2018	01:34:14

Figure 5. Screenshot of the 2018 annual patrol inspection record.

Appendix B

Screenshots of Annual Patrol Inspection Records from the P873035 Tab

The screenshot displays a software interface for a patrol inspection record. At the top, the 'Notification' field contains '100021253050' and 'ID: PATROL Y1 INTERVAL 02'. The 'Notific. Status' is 'NOCO' and 'COMP' is checked. Below this are tabs for 'Notification Header', 'Location', and 'Maintenance Plan'. The 'Reference object' section includes 'Functional loc.' as 'ED.MTE.MAPS.1408' and 'ED-STD:MAP:17340-118380'. The 'Subject' section shows 'Work Type' as 'SDED-PA 199 Patrol Inspection' and 'Description' as 'PATROL Y1 INTERVAL 02'. A large text box contains a log of events: '02/08/2022 08:04:16 PST POP PO Interface Logonid (POPRD200) P473324, RMOGHEN, 06-FEB-22; P873033, RMOGHEN, 06-FEB-22; P873034, RMOGHEN, 06-FEB-22; P873035, RMOGHEN, 06-FEB-22; P873036, RMOGHEN, 06-FEB-22; P873776, RMOGHEN, 06-FEB-22; P875532, RMOGHEN, 06-FEB-22;'. The 'Start/End Dates' section shows 'Required Start' as '02/01/2022 00:00:00' and 'Required End' as '05/31/2022 00:00:00'. The 'Responsibilities' section lists 'Planner group' as 'SDGE', 'Main WorkCtr' as 'EDU_MTE / SDED MOUNTAIN EMPIRE ELEC UG', and 'Job Owner' as '2388'. The 'Reported by' is 'RMOGHEN' and the 'Notif.date' is '01/25/2022 01:16:34'. At the bottom, a tab bar shows 'P873035' as the active tab, with other tabs including 'P175963', 'P971188', 'P175953', and 'P874629'.

Field	Value
Notification	100021253050 ID: PATROL Y1 INTERVAL 02
Notific. Status	NOCO
COMP	Checked
Functional loc.	ED.MTE.MAPS.1408
ED-STD:MAP	17340-118380
Work Type	SDED-PA 199 Patrol Inspection
Description	PATROL Y1 INTERVAL 02
Required Start	02/01/2022 00:00:00
Required End	05/31/2022 00:00:00
Planner group	SDGE
Main WorkCtr	EDU_MTE / SDED MOUNTAIN EMPIRE ELEC UG
Job Owner	2388
Reported by	RMOGHEN
Notif.date	01/25/2022 01:16:34

Figure 1. Screenshot of the 2022 annual patrol inspection record.

Notification	100019309536	1D	PATROL Y1 INTERVAL 02	
Notific. Status	NOCO		COMP	
Notification Header Location Maintenance Plan				
Reference object				
Functional loc.	ED.MTE.MAPS.1408	ED-STD:MAP:17340-118380		
Equipment				
Assembly				
Subject				
Work Type	SD-ED-PA	199	Patrol Inspection	
Description	PATROL Y1 INTERVAL 02			
02/05/2021 11:18:57 PST POP PO Interface Logonid (POPRD200) P473324,CWELDY,04-FEB-21;P873033,CWELDY,04-FEB-21;P873034,CWELDY,04-FEB-21; P873035,CWELDY,04-FEB-21;P873036,CWELDY,04-FEB-21;P87377 6,ASIMMON1,05-FEB-21;P875532,CWELDY,04-FEB-21;				
Start/End Dates				
Required Start	02/01/2021	00:00:00	Priority	no value default
Required End	05/31/2021	00:00:00		
Revision		SDGE		
Responsibilities				
Planner group		/	SDGE	
Main WorkCtr	EDU_MTE	/	SD-ED	MOUNTAIN EMPIRE ELEC UG
Job Owner	2388			
Job Owner	2388			
Reported by	ASIMMON1	Notif.date	01/25/2021	01:22:45

Figure 2. Screenshot of the 2021 annual patrol inspection record.

Notification	100017437079 1D PATROL Y1 INTERVAL 02		
Notific. Status	NOCO	COMP	
Notification Header Location Maintenance Plan			
Reference object			
Functional loc.	ED.MTE.MAPS.1408	ED-STD:MAP:17340-118380	
Equipment			
Assembly			
Subject			
Work Type	SDED-PA 199	Patrol Inspection	
Description	PATROL Y1 INTERVAL 02		
02/07/2020 11:09:15 PST PIP PI Interface Logonid (PIPRD200) P473324,RMCGHEN,07-FEB-20;P873033,RMCGHEN,07-FEB-20;P873034,RMCGHEN,07-FEB-20;P873035,RMCGHEN,07-FEB-20;P873036,RMCGHEN,07-FEB-20;P873776,RMCGHEN,07-FEB-20;P875532,RMCGHEN,07-FEB-20;			
Start/End Dates			
Required Start	02/01/2020	00:00:00	Priority no value default
Required End	05/30/2020	00:00:00	
Revision		SDGE	
Responsibilities			
Planner group	/ SDGE		
Main WorkCtr	EDU_MTE / SDED	MOUNTAIN EMPIRE ELEC UG	
Job Owner	5632		
Job Owner	5632		
Reported by	RMCGHEN	Notif.date	01/25/2020 02:12:33

Figure 3. Screenshot of the 2020 annual patrol inspection record.

Notification	100013648503	ID	PATROL Y1 INTERVAL 02	
Notific. Status	NOCO		COMP	
Notification Header Location Maintenance Plan				
Reference object				
Functional loc.	ED.MTE.MAPS.1408	ED:STD:MAP:17340-118380		
Equipment				
Assembly				
Subject				
Work Type	SDDED-PA	199	Patrol Inspection	
Description	PATROL Y1 INTERVAL 02			
02/19/2019 14:39:57 PST PIP PI Interface Logonid (PIPRD200) P873776,RMCGHEN,19-FEB-19;P875532,RMCGHEN,19-FEB-19; P175923,RMCGHEN,19-FEB-19;P175924,RMCGHEN,19-FEB-19;P175925,RMCGHEN,19-FEB-19;				
Start/End Dates				
Required Start	02/01/2019	00:00:00	Priority	no value default
Required End	05/31/2019	00:00:00		
Revision		SDGE		
Responsibilities				
Planner group		/ SDGE		
Main WorkCtr	EDU_MTE	/ SDED	MOUNTAIN EMPIRE ELEC UG	
Job Owner	S632			
Job Owner	S632			
Reported by	RMCGHEN	Notif.date	01/25/2019	01:47:42

Figure 4. Screenshot of the 2019 annual patrol inspection record.

Appendix C

Screenshots of Annual Patrol Inspection Records from the P971188 Tab

Notification	100021253047	1D	PATROL Y1 INTERVAL 02	
Notific. Status	NOCO		COMP	
Notification Header Location Maintenance Plan				
Reference object				
Functional loc.	ED.MTE.MAPS.1375	ED:STD:MAP:17325-118370		
Equipment				
Assembly				
Subject				
Work Type	SDED-PA	199	Patrol Inspection	
Description	PATROL Y1 INTERVAL 02			
02/08/2022 08:04:14 PST POP PO Interface Logonid (POPRD200) P175551,RMCGHEN,06-FEB-22;P175955,RMCGHEN,06-FEB-22;P175956,RMCGHEN,06-FEB-22;P175957,RMCGHEN,06-FEB-22;P175962,RMCGHEN,06-FEB-22;P175963,RMCGHEN,06-FEB-22;P873210,RMCGHEN,06-FEB-22;P971188,RMCGHEN,06-FEB-22;				
Start/End Dates				
Required Start	02/01/2022	00:00:00	Priority	no value default
Required End	05/31/2022	00:00:00		
Revision		SDGE		
Responsibilities				
Planner group		/	SDGE	
Main WorkCtr	EDU_MTE	/	SDED	MOUNTAIN EMPIRE ELEC UG
Job Owner	2388			
Job Owner	2388			
Reported by	RMCGHEN	Notif.date	01/25/2022	01:16:34

.. P874585 P873039 P873041 P873035 P175963 **P971188** P175953 P87

Figure 1. Screenshot of the 2022 annual patrol inspection record.

Notification	100019309533	1D	PATROL Y1 INTERVAL 02	
Notific. Status	NOCO		COMP	
Notification Header Location Maintenance Plan				
Reference object				
Functional loc.	ED.MTE.MAPS.1375	ED:STD:MAP:17325-118370		
Equipment				
Assembly				
Subject				
Work Type	SDED-PA	199	Patrol Inspection	
Description	PATROL Y1 INTERVAL 02			
02/04/2021 11:19:13 PST POP PO Interface Logonid (POPRD200) P205209,CWELDY,04-FEB-21;P873037,CWELDY,04-FEB-21;P873038,CWELDY,04-FEB-21;P873039,CWELDY,04-FEB-21;P873040,CWELDY,04-FEB-21;P873041,CWELDY,04-FEB-21;P873042,CWELDY,04-FEB-21;P874585,CWELDY,04-FEB-21;P874586,CWELDY,04-FEB-21;				
Start/End Dates				
Required Start	02/01/2021	00:00:00	Priority	no value default
Required End	05/31/2021	00:00:00		
Revision		SDGE		
Responsibilities				
Planner group		/	SDGE	
Main WorkCtr	EDU_MTE	/	SDED	MOUNTAIN EMPIRE ELEC UG
Job Owner	2388			
Job Owner	2388			
Reported by	CWELDY	Notif.date	01/25/2021	01:22:45

'5963 | P971188 | P175953 | P874629 | + | ◀

Figure 2. Screenshot of the 2021 annual patrol inspection record.

Notification	100017437076	1D	PATROL Y1 INTERVAL 02	
Notific. Status	NOCO		COMP	
Notification Header Location Maintenance Plan				
Reference object				
Functional loc.	ED.MTE.MAPS.1375	ED:STD:MAP:17325-118370		
Equipment				
Assembly				
Subject				
Work Type	SDED-PA	199	Patrol Inspection	
Description	PATROL Y1 INTERVAL 02			
02/07/2020 11:09:19 PST PIP PI Interface Logonid (PIPRD200) P175551,RMCGHEN,07-FEB-20;P175955,RMCGHEN,07-FEB-20;P175956,RMCGHEN,07-FEB-20;P175957,RMCGHEN,07-FEB-20;P175958,RMCGHEN,07-FEB-20;P175962,RMCGHEN,07-FEB-20;P175963,RMCGHEN,07-FEB-20;P873210,RMCGHEN,07-FEB-20;P971188,RMCGHEN,07-FEB-20;				
Start/End Dates				
Required Start	02/01/2020	00:00:00	Priority	no value default
Required End	05/30/2020	00:00:00		
Revision		SDGE		
Responsibilities				
Planner group		/	SDGE	
Main WorkCtr	EDU_MTE	/	SDED	MOUNTAIN EMPIRE ELEC UG
Job Owner	5632			
Job Owner	5632			
Reported by	RMCGHEN	Notif.date	01/25/2020	02:12:33

P971188 P175953 P874629 + :

Figure 3. Screenshot of the 2020 annual patrol inspection record.

Notification	100013648500	1D	PATROL Y1 INTERVAL 02	
Notific. Status	NOCO		COMP	
Notification Header Location Maintenance Plan				
Reference object				
Functional loc.	ED.MTE.MAPS.1375	ED:STD:MAP:17325-118370		
Equipment				
Assembly				
Subject				
Work Type	SDED-PA	199	Patrol Inspection	
Description	PATROL Y1 INTERVAL 02			
02/19/2019 14:39:57 PST PIP PI Interface Logonid (PIPRD200) 175962, RMC GHEN, 19-FEB-19; P175963, RMC GHEN, 19-FEB-19; P873210, RMC GHEN, 19-FEB-19; P971188, RMC GHEN, 19-FEB-19; P175939, RMC GHEN, 19-FEB-19; P177458, RMC GHEN, 19-FEB-19; P177459, RMC GHEN, 19-FEB-19; P177460, RMC GHEN, 19-FEB-19; P246412, RMC GHEN, 19-FEB-19; P				
Start/End Dates				
Required Start	02/01/2019	00:00:00	Priority	no value default
Required End	05/31/2019	00:00:00		
Revision		SDGE		
Responsibilities				
Planner group		/	SDGE	
Main WorkCtr	EDU_MTE	/	SDED	MOUNTAIN EMPIRE ELEC UG
Job Owner	5632			
Job Owner	5632			
Reported by	RMC GHEN	Notif.date	01/25/2019	01:47:42

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P971188

P175953

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Figure 4. Screenshot of the 2019 annual patrol inspection record.

Notification	100011657893	1D	PATROL Y1 INTERVAL 02	
Notific. Status	NOCO		COMP	
Notification Header Location Maintenance Plan				
Reference object				
Functional loc.	ED.MTE.MAPS.1375	ED:STD:MAP:17325-118370		
Equipment				
Assembly				
Subject				
Work Type	SD-PA	199	Patrol Inspection	
Description	PATROL Y1 INTERVAL 02			
Inspected by [REDACTED] #11614 on 2/8/18, infraction found on P175958 code i246 pole is full of wood pecker holes				
Start/End Dates				
Required Start	02/01/2018	00:00:00	Priority	no value default ▼
Required End	05/31/2018	00:00:00		
Revision		SDGE		
Responsibilities				
Planner group		/	SDGE	
Main WorkCtr	EDU_MTE	/	SD-PA	MOUNTAIN EMPIRE ELEC UG
Job Owner	5632		[REDACTED]	
Job Owner	5632		[REDACTED]	
Reported by	11614		Notif.date	01/25/2018 01:34:14

Figure 5. Screenshot of the 2018 annual patrol inspection record.