

**PACIFIC GAS AND ELECTRIC COMPANY
Wildfire Mitigation Plans Discovery 2022
Data Response**

PG&E Data Request No.:	WilliamBAbrams_002-Q39		
PG&E File Name:	WMP-Discovery2022_DR_WilliamBAbrams_002-Q39		
Request Date:	April 13, 2022	Requester DR No.:	Email Transmittal – 2022WMP DR-02
Date Sent:	April 25, 2022	Requesting Party:	William B. Abrams
PG&E Witness:		Requester:	Will Abrams

**SUBJECT: PG&E WMP GAP ANALYSIS GIVEN KINCADE FIRE TESTIMONY AND
SAFETY IMPLICATIONS**

Expert Testimony: Mr. Gary Uboldi, Fire Captain Specialist Peace Officer with the California Department of Forestry and Fire Protection who has investigated over 400 wildfires across his 20+ year career

Expert Testimony: Mr. Joseph Hemstock, 38 Year as PG&E as Supervisory Inspector, Crew Foreman, Electrical Transmission Supervisor and other lead roles plus 10 years as PG&E consultant

Testimony Date: February 9, 2022 (See Attachment B: Pre-Trial Transcript)

BACKGROUND TESTIMONY/EVIDENCE:

Pg. 315 (lines 3-12, 26-28), pg. 316 (lines 1-5)

“A. I don't need to talk to an engineer about the work. We know how to do the work. I think what you're referring to is I didn't talk to an engineer about the wind, is what you said earlier. Q. So you didn't talk to an engineer about the wind. Did you talk to an engineer about the actual work that was performed? A. No, I didn't. To do that work, no. I had the knowledge and training to do that work without an engineer reference... Q. Okay. Approximately how many times have you created jumper configurations like what we're looking at in People's 94? A. How am I going to have that number in my head? How do I know how many times? I built a lot of transmission lines and all of them have dead ends and jumpers and stuff. I can't tell you the number of exactly 230 KV. Let's call it 20. I've done 20.”

QUESTION 39

- a. Given the subsequent catastrophic fire, does PG&E now require an “engineering reference” for this type of line configuration work?
- b. Why are these standards not set in the WMP?

ANSWER 39

As described in previous responses, following the Kincade Fire, PG&E issued new guidance that required open jumpers—those that are electrically connected only at one end—to be cut as short as practicable, typically between two or three feet. PG&E also surveyed its transmission system to identify and remediate any open jumpers that did not comply with this guidance.

Many of PG&E's detailed design standards promote safety and reduce wildfire risk; PG&E's design standards are not typically included in the WMP. Rather, the WMP summarizes programmatic functions and activities to be carried out during the coming year, such as in 2021:

- Installation of weather stations;
- Installation of additional HD cameras;
- PSPS mitigation through temporary distribution microgrids
- Providing emergency back-up generation
- Distribution sectionalization;
- Installation of transmission switches
- Replacement of expulsion fuses
- Replacement of surge arresters
- System hardening
- Distribution HFTD inspections
- Substation HFTD inspections
- Transmission HFTD inspections
- Infrared inspections
- Enhanced vegetation management
- VM transmission right of way expansion

