From: Lok, Ronald E.
Sent: 2/11/2014 2:25:37 PM
To: Redacted (Redacted
Cc: Redacted Redacted; Halpin, Ed (/O=PG&E/OU=Corporate/cn=Recipients/cn=E1H8); Beck, Valerie (valerie.beck@cpuc.ca.gov); Tse, Rick (rick.tse@cpuc.ca.gov); Jacobson, Erik B (RegRel) (/O=PG&E/OU=Corporate/cn=Recipients/cn=EBJ1); Post, Jennifer (Law) (/O=PG&E/OU=Corporate/cn=Recipients/cn=JLKm)
Bcc:
Subject: RE: Data Response: DCPP Unit 2 Forced Outage

Lisa,

Thank you for your response. Also, please submit the investigation report that was submitted to the NRC for the DCPP Unit 2 flash over incident ("A" phase lightning arrester) on July 10, 2013; and the NRC response, did the NRC issue a violation for this incident?

Thanks,

Ron Lok

CPUC

From: Redacted [m Redacted
Sent: Monday, February 10, 2014 1:24 PM
To: Lok, Ronald E.
Cc: Tse, Rick; Beck, Valerie; Halpin, Ed; Redacted Post, Jennifer (Law); Jacobson, Erik B (RegRel)
Subject: Data Response: DCPP Unit 2 Forced Outage

Good afternoon Ron,

Please see below for answers to your questions regarding the DCPP Unit 2 Forced Outage event that occurred on 2/2/14.

1. **describe the amount of damage to the lightning arrestor and whether it is being repaired or replaced?**

PG&E has replaced all three lightning arrestors (one for each phase) on Unit 2. The lightning arrestors have been sent out for forensic evaluation to confirm our probable cause of an internal defect.

2. **was any other equipment damaged due to the flash over?**

PG&E has tested all other equipment associated with the Transformers and all test results are satisfactory – no other equipment was damaged.

3. **provide washing/cleaning records**

Attch-01: This arrester was cleaned on SAP order # 60051271 operation 102 performed 10/12/2012. This cleaning occurred with the lightning arrester cleared (de-energized) from service.

Attch-02: This arrester was cleaned on SAP order # 60059412 operation 20 performed 7/12/2013. This cleaning occurred with the lightning arrester cleared (de-energized) from service.

4. **provide preventive maintenance procedure and schedule for these arrestors**

Attch-03: Attached is the ABB vendor manual. Section 9 discusses these arresters are maintenance free and do not require cleaning.

The preventive maintenance that is performed on these type of lightning arresters is to perform Doble power factor testing every other refueling outage (42 months).

This is a de-energized (offline) test. These arresters are cleaned every refueling outage (21 months).

Kind Regards,

Redacted

Energy Supply Regulatory Compliance and Support, Pacific Gas and Electric Company
Mailing address: 245 Market Street, Mail Code N13X, Office 1376, San Francisco, CA, 94105
Redacted

From: Lok, Ronald E. [mailto:ronald.lok@cpuc.ca.gov]
Sent: Wednesday, February 05, 2014 2:16 PM
To: Redacted
Cc: Tse, Rick; Beck, Valerie; Halpin, Ed; Redacted Post, Jennifer (Law)
Subject: RE: DCPP Unit 2 Forced outage - Lightning Arrestor Flashover

Lisa,

Please describe the amount of damage to the lightning arrestor and whether it is being repaired or replaced, and if other equipment were damaged due to the flash over. Also, please provide washing/cleaning records and preventive maintenance procedure and schedule for these arrestors.

Thanks,

Ron Lok

CPUC