

From: Cherry, Brian K
Sent: 2/4/2014 5:51:29 PM
To: Paul Clanon (paul.clanon@cpuc.ca.gov); Liza Malashenko (elizaveta.malashenko@cpuc.ca.gov)
Cc:
Bcc:
Subject: Fwd: DCP Unit 2 Update from Ed Halpin

FYI

Brian K. Cherry
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VP, Regulatory Relations
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Begin forwarded message:

From: DCP Unit 2 Update from Ed Halpin <EdHalpin@pge.com>
Date: February 4, 2014 at 5:49:49 PM PST
To: Officers - All <AllPGEOfficers@exchange.pge.com>
Cc: "Allen, Barry" <BSA8@pge.com>, "Cuddy, Thomas" <TNCS@pge.com>, "Halpin, Ed" <EIH8@pge.com>
Subject: DCP Unit 2 Update from Ed Halpin

PG&E Officer Team;

Please find below an update on the Unit 2 forced outage. I will provide you with daily updates until Unit 2 is restored. As always, please reach out to me at your convenience so I may address any concerns or questions you may have.

Our team appreciates your ongoing support.

Ed

2Z18 Update: February 4, 2014

Problem Statement: On Sunday, February 2 at approximately 1130, Unit 2 automatically shut down due to the B phase lightning arrester flashing to ground. There were no maintenance activities occurring at the time and a lightning strike has been ruled out. Engineering is evaluating potential causes, including internal failure and external flashover on the lightning arrester surface.

1. Overall Plant Status

- **Unit 1** is safely operating at 100 percent power with no major issues.
- **Unit 2** is in Mode 3 or “hot shutdown.”

2. Forced Outage Progress

Over the last 24 hours, our team worked methodically to replace the three lightning arrestors associated with our main transformers with arrestors that have increased design and operating margin. Our critical path remains through testing and restoration of Main Bank Transformer B. I want to offer my appreciation to all who have been involved with our recovery, especially our teammates from Electric Operations.

As a result of the work being accomplished, our redundant power supplies to vital buses on Unit 2 are reduced to the 230kV system and our emergency diesel generators. We are in close communication with Electric Transmission and Distribution to coordinate system-wide activities to reduce the risk of a loss of off-site power to Unit 2.

We are narrowing in on the root cause associated with the B phase lightning

arrestor which initiated the reactor trip. We will keep our team in the loop on this failure mechanism to ensure lessons learned are shared.

We expect to return Unit 2 to the grid on Friday with a safe power ascension to 100% power over the weekend. Our Unit 1 scheduled refueling outage remains as scheduled starting midnight Saturday night.

Thanks again for the great support

Ed