

From: Cherry, Brian K  
Sent: 3/20/2014 8:17:44 PM  
To: Denise Tyrrell (denise.tyrrell@cpuc.ca.gov); Liza Malashenko (elizaveta.malashenko@cpuc.ca.gov); Paul Clanon (paul.clanon@cpuc.ca.gov)  
Cc:  
Bcc:  
Subject: Fwd: A Message from Ed Halpin: DCPD 1X19 Update

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Begin forwarded message:

**From:** DCPD Communications <DCPDCommunications@pge.com>  
**Date:** March 20, 2014 at 6:43:51 PM PDT  
**To:** Officers - All <AllPGEOfficers@exchange.pge.com>  
**Cc:** "Halpin, Ed" <E1H8@pge.com>, "Allen, Barry" <BSA8@pge.com>, "Welsch, James" <JMW1@pge.com>, Redacted  
**Subject:** A Message from Ed Halpin: DCPD 1X19 Update

PG&E Officers;

After our team safely and successfully closed out our 1R18 refueling outage last Saturday, a reactor coolant pump seal began to behave in a manner that showed degradation, which could impact operational margin. As you know, we safely took Unit 1 off-line and into a cold shutdown condition to examine the seal and repair it, if necessary.

What we found was a "soft part" of the seal (O-ring) was damaged and not functioning as it is designed. The other three reactor coolant pump seals were not affected. Addressing reactor coolant pump seals takes time and our team is currently on track to safely close out 1X19 in 11 days.

Over the next several days, we will transition to heating up the plant and starting up the reactor. We predict plant heat-up to occur this weekend with breaker closure and power ascension to begin next week. Our team owns these challenges and we will continue to focus on improving performance. In the next several weeks, we plan to finalize our root cause analysis.

Unit 2 is safely operating at 100 percent power with no major challenges. We will continue to update you during key milestone events associated with 1X19. If you have any questions or concerns, you are welcome to reach out to me at your convenience.

Thank you for your continued support.

Ed