

From: Campbell, Ben (NRD)  
Sent: 11/5/2011 5:46:52 PM  
To: 'sunil.shori@cpuc.ca.gov' (sunil.shori@cpuc.ca.gov)  
Cc: Horner, Trina (/O=PG&E/OU=CORPORATE/CN=RECIPIENTS/CN=TNHC);  
Ramaiya, Shilpa R (/o=PG&E/ou=Corporate/cn=Recipients/cn=SRRd)  
Bcc:  
Subject: Re: T-30 Leak Repair Update

Hi Sunil

The plan outlined yesterday is still on schedule. We will be dewatering all night and begin injecting helium and air in the morning. The helium location equipment and operator will be on site about noon on Sunday. If we locate the leak, will begin excavating to do the repair in the overnight hours.

Let me know if you have any questions.

Ben Campbell

**From:** Shori, Sunil [mailto:sunil.shori@cpuc.ca.gov]  
**Sent:** Friday, November 04, 2011 06:56 PM  
**To:** Campbell, Ben (NRD)  
**Cc:** Ramaiya, Shilpa R  
**Subject:** RE: T-30 Leak Repair Update

**Thanks, Ben.**

**From:** Campbell, Ben (NRD) [mailto:BCC3@pge.com]  
**Sent:** Friday, November 04, 2011 6:50 PM  
**To:** Shori, Sunil  
**Cc:** Ramaiya, Shilpa R  
**Subject:** T-30 Leak Repair Update

Hi Sunil:

Here is our current plan that I sent out to our team for detecting where the water leak is occurring on T-30. Praxair was not available until Thursday, so we have had to go with a different tracer method.

Tonight - The ARB crew has about completed the connections to dewater the pipeline and will stop working soon.

Saturday - We plan to push all of the water out of the 4.5 miles of the test section. This will take ten to twelve hours. We will need working hours from 8 AM to 9 PM. All the work will be confined to the test head locations.

Sunday - If the amount of helium we need is available, we will inject helium and air into the line beginning at 8 am. By afternoon, Underground Services will begin walking the pipeline with a helium detection unit. Also, ATS will be trying two other leak locating methods concurrently. These two methods also require air flow through the hole in the pipeline. If the leak is located, we will begin digging to find the leak and begin repairing the pipeline. We will want permission to work on Sunday from 8 AM through overnight. If the leak is on Page Mill Road, we will want to repair it at night. Also, we will need to have traffic control while the line is being walked.

Helium in large quantities can be difficult to get, so there is a possibility that we won't be able to locate enough helium to run the test on Sunday. I will send out an update on Saturday letting people know if this plan will continue as proposed.

I'll send you another update as soon as I know whether the helium can be

scheduled on Sunday.

Ben Campbell

Cell 415-971-5571