

From: Clanon, Paul
Sent: 12/22/2011 10:05:35 AM
To: Bottorff, Thomas E (/O=PG&E/OU=CORPORATE/CN=RECIPIENTS/CN=TEB3)
Cc: Cherry, Brian K (/O=PG&E/OU=CORPORATE/CN=RECIPIENTS/CN=BKC7)
Bcc:
Subject: Re: Candlestick Park Meeting

Thx.

On Dec 21, 2011, at 6:43 PM, "Bottorff, Thomas E" <TEB3@pge.com> wrote:

> Paul,

> Here's a summary of today's meeting with the city.

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> There's one additional point I wanted to share. Although we're taking the heat for the first outage and its duration (about 20 minutes), power was restored within 6 seconds of the failed splice. That means the length of the outage was primarily due to the stadiums slow-start lighting equipment and the design of its other operating systems (which, unfortunately, are dated).

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> We and the city are doing what we can to make sure this doesn't happen again.

> Tom

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> Here's a high-level summary

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> Today at 2pm, a cross-functional PG&E team led by Gregg Lemler and Mike Kress met with representatives from the City and County of San Francisco (Rec and Park, SFFD and SFPUC) at Candlestick Park to discuss Monday's outage and next steps.

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> During the meeting, the group toured many of the electric facilities at the park, including the ATS and one of the substations. The meeting focused on the two service interruptions: the initial outage to H-1111 and the second, customer-side outage during the 2nd quarter. The tenor of the meeting was productive, with each group recognizing the directive to move forward with practical solutions.

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> Per our meeting yesterday, PG&E shared SCADA information from the initial incident with Barbara Hale, AGM of the SFPUC Power Enterprise, who again reiterated the City's intent to share single-line diagram information. Both parties also noted that results from the failed section of cable are expected by the end of the week. Both parties also agreed on the momentary nature of the first outage and understood that the duration of the delay to the MNF was due to the restart time for the stadium lighting and computer systems.

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> The second outage was described by the City as a customer-side incident where the power source to the stadium

computing equipment was interrupted. To address this issue, City staff has already installed a UPS type battery for the critical lighting control systems.

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> PG&E shared its plans to reinforce circuits H-1103 and H-1111 to ensure that a similar incident does not reoccur. In addition, City staff noted plans for replacing a switch on a generator and plans to review protection schemes.

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