

From: <SKESLER@apsc.com>
To: <TXK@nrc.gov>
Date: Fri, Jun 25, 2004 10:33 AM
Subject: RE: Electronic Copy of Palo Verde Switchyard Voltage

In response to your first request, attached is the voltage plot for the June 14th event. I'm sorry I misunderstood your request. In response to the second subject, APS plans to add phase distance and ground over current detection at each of the lower voltage substation connected to the 500 kV grid in APS system. See the attached e-mail from Baj Agrawal for more detail.

Also, attached are e-mails from Salt River Project and Southern California Edison documenting their reviews that they have do not have single points of failures.

Steve Kesler

-----Original Message-----

From: Thomas Koshy [mailto:TXK@nrc.gov]
Sent: Friday, June 25, 2004 4:07 AM
To: Kesler, Steven L(Z55768)
Subject: Re: Electronic Copy of Palo Verde Switchyard Voltage

Steve ,
What I requested was the voltage during the event. Could you get me that?

Frequency and the voltage

CAT 1

Second subject

Any progress on APS decision to install Zone 2 or ground fault protection between 230 and 500kv at West Wing ?

Thomas Koshy,
email:txk@nrc.gov,
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Electrical Engineering Section
Electrical, Instrumentation & Controls Branch
Mail Stop O-4A15A

>>> <SKESLER@apsc.com> 06/22/04 06:02PM >>>
Attached is an electronic version of voltage plot of the 500 KV system at the Palo Verde switchyard, that was previously provided in hard copy.

<<Palo Verde Switchyard Voltage for 6-14-2004.pdf>>
Steve Kesler

CC: <SKESLER@apsc.com>, <PPARAMIT@apsc.com>, <HLEAKE@apsc.com>,

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