this is Delta launch control we're being

joined now by Tim Dunn who is the NASA

launch manager for today's countdown and

tim is going to try to give us some

insight into exactly what it was that

caused the clock to cut off what would

it was the team saw that caused this

scrub for today and tell us maybe what

we see is possibly what may have

happened and then where we go from here

so Tim if you could just tell us what it

is you see happening ok George glad to

do that right now unfortunately I have a

we have limited information until we get
back out to the pad and understand this

but I can't explain that what we had was

a mandatory called hold at t-minus 45

seconds when the facility engineer goes

to activate the pulse suppression water

system at the launch mount area and the
delusion system for water for slick too

and what that dilute system does is it

protects the launch mount from the

obviously the high temperatures of

launch and and give some amount of

suppression from that huge shock wave of

that in the ignition of the engine so

what happens is we begin that water flow

at about t-minus 45 seconds and there's a verification step there immediately.

that the engineering is looking for could not verify that his water system was operating nominally therefore that resulted in a mandatory hold and it's one thing that the team is well practiced in they know their systems very well they know the reaction of the system and a nominal condition and when they don't have the nominal condition they know to call hold and then unfortunately that's what happened tonight it's a bit of a disappointment
for the launch team when you have a
great countdown up to that point however
de these things that we prepare for
we're professional team we know how to
handle this the team is currently in the
process of recycling the rocket you
heard
that probably on the countdown net what
we need to do is we say for all the
systems on the rocket we need to now d
tank the liquid oxygen from the first
stage well then d tank the RP one from
the first stage will bring the mobile
service tower back around the rocket
these activities take a number of hours
and so we'll get back into a
configuration where we can then re-enter
the pad after we have saved all the
systems and once we're able to reenter
from a distance we'll need to look and
see what part of that system
malfunctioned to the extent that it
caused this anomaly that resulted in the
called hole today do we know where on
that pad that particular system is
located it's at the launch mount area so
yeah right at the base of the rocky out
of the days of the rocket okay so well

then what we don't know then exactly you

know when our next launch attempt will

be but what what are the options so what

we do is given a situation like this as

we go ahead and we have told the team we

are executing steps to protect an

attempt for tomorrow what we call a

24-hour recycled 24 hour turnaround so

we are doing that obviously once we

understand the situation with the

facility better we will either be able

to confirm that we can repair and press

and have another launch attempt

tomorrow evening early tomorrow morning

or we need to go into more of a may be a

48-hour and a plan for a little bit

longer so we'll have a little bit more

information later once we're able to

evaluate the system properly but right

now we've got the team leaning forward

and preparing for a 24-hour recycle with

a launch attempt on july second all

right Tim thank you very much and will

stand by to learn more about why what

happened because we simply know

what didn't work but we just don't

fully understand why this as

just didn't operate as it was supposed to when it was supposed to correct thank you tell manuel love just kind of watch for developments thank you very much this is Delta launch control