From: Cooper, Richard D
Sent: Monday, October 10, 2005 10:42 AM
To: Pierie, Thomas C
Cc: Scott, Jeffrey T
Subject: RE: Upper Reservoir Level Problems

Jeff says to go ahead and order a new level xmtr. Or do you want us to order it?

Rick

-----Original Message-----
From: Pierie, Thomas C
Sent: Friday, October 07, 2005 12:56 PM
To: Cooper, Richard D; Scott, Jeffrey T
Cc: Ferguson, Robert W; Bluemner, Steven D; Scott, Jeffrey T; Lee, Robert S
Subject: Upper Reservoir Level Problems

Guys,

We're going to install a wind speed transmitter at the upper reservoir. The value will show on the HMI and will have an associated alarm. We can also incorporate an automatic gen start to bring down the reservoir level to some set point if we feel the need.

An additional Warrick probe, set 2" below the pump stop set point (1596) will be installed so that the level transmitters can be checked from time to time. When the Warrick probe is covered with water it will display on the HMI. We'll also add each individual level transmitter reading at the HMI for reference

With the PVC pipes (housing the upper reservoir level transmitters) moving off or bowing out of the unit strut supports by at least 5' (picture attached), caused the transmitter to rise in the pipe which moved up the reference point. Steve B will be lining up a diver to refasten the pipes to the unit strut. Once this is done we can see if there is a drop in the level reading and then we can readjust the reading.

The Hi and HiHi Warrick probes are 7" and 4" from the top of the wall respectively. So if on 9-27 the level was 4" below the wall the Hi level Warrick should have picked up. The elevation at the visitor's platform and the gauge house are the same. Another note the top of the batten strip is 14" from the top of the wall if that helps get a bearing on where the level was at on 9-27. If you want to lower the Hi level probes we can do that but I think we chose the levels so that normal wave action wouldn't cause nuisance trips.

I'm hoping to have this all done by the end of the month.

Do we want to reorder the level transmitter that drifted from the other 2 or monitor it for now?

Tom

Staff Exhibit No. 17
Case No(s). ES-2007-0179
Date 8-01-07 Rptr KT

Ex 17