

Subject:	RE: NCREE trip
From:	Benz, Bruce (Bruce.Benz@mts.com)
To:	Dennis.Harvey@mts.com; rodlarson100@yahoo.com;
Cc:	Jim.Scherer@mts.com; benz.bruce@gmail.com;
Date:	Friday, June 14, 2013 3:14 PM

Hello Rod,

Sorry to take so long to contact you. I have been troubleshooting a new manifold assembly.

I am not sure how much information you have on the system so I will give you a short description and forward the information I have.

The system has been modified to add skid power units and additional supercharge pumps.

Sometime after the system upgrade they had a heat exchanger failure and the system was contaminated with water.

Jim Scherer worked on the system and found one of the 4" Ful-Flo relief valves was not seating properly. He reworked the relief valve and got the system back up and running.

The system is now having problems maintaining supercharge pressure when the main pumps are running. Super charge pressure is good when the main pumps are not running.

Both Jim and I think the problem may be in one of the supercharge 4" Ful-Flo relief valve downstream of the heat exchanger and filter assemblies at the reservoir (set at 50 PSI) or the 4" Ful-Flo relief valve on the outlet of the supercharge pump (set at 100 PSI).

Another possibility is a few of the check valves downstream of the filters may be sticking. There is a set of four check valves in series with each filter assembly. If a few of them are sticking there might be enough restriction in flow to cause the pressure to drop once the main pumps are started.

Repair parts for the Ful-Flo relief valves have been sent along with a set four check valves. We have also sent

maintenance tools recommended for by Ful-Flo.

I am leaving town Sunday morning and will be out of the office next week, but will be trying to check my gmail account if possible. If you have questions that I can help with tomorrow, I will be checking my gmail until Saturday night.

Best regards,

Bruce

From: Harvey, Dennis
Sent: Thursday, June 06, 2013 2:54 PM
To: Rod Larson; Benz, Bruce
Cc: Scherer, Jim
Subject: RE: NCREE trip

Greetings, Gentlemen!

Rod, please work with Bruce Benz on getting the info you need for this project. Keep Jim Scherer copied on all your correspondence so he can step in when he has something extra to offer.

Thanks, Guys!

BR,

Dennis

O: 952-937-4428

M: 952-212-7813

From: Rod Larson [<mailto:rodlarson100@yahoo.com>]

Sent: Thursday, June 06, 2013 11:38 AM

To: Harvey, Dennis

Subject: NCREE trip

Dennis,

Since I am supporting the mechanical part of this trip as well as the system stuff, I think it would be a good idea if I talk to someone who knows what is to be done and what results are expected. Is this Jim Scherer ? Let me know so I can contact them directly and get the info from the horse's mouth.

Rod Larson

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