

From: Marc Ferdas *RF*  
To: Scott Barber  
Date: Fri, Nov 7, 2003 4:24 PM  
Subject: Re: Hydrogen & Nitrogen Line-up

I was able to walkdown and verify the position of the yard valves for the following lineups. I conducted this with the assistance of an equipment operator. They were able to demonstrate position by manipulating the valves for me.

1. Makeup of H2 to the main generator (Procedure HC.OP-SO.CC-0001). Section 5.7 requires that yard valves (0-KH-V019, -018, -017, and -V013) be returned to CLOSED position when makeup completed. **The yard valves were all in the CLOSED position, per procedure requirement. I believe a notification was written a week or two ago that stated the yard valves were found in the open position. I am trying to locate this notification.**

2. N2 makeup to the Drywell (Procedure HC.OP-SO.GS-0001). Section 5.2 requires that yard valves (0-HA-V415 and 0-HA-416 [operate the valve associated w/ inservice skip ]) be returned to CLOSED position when makeup completed. The 0-HA-V415 valve was in the OPEN position. This is logged on their off-normal equipment alignment log as of 10/28/03. Operations doesn't want to close the valve because it has a problem with N2 collecting around the valve freezing the valve in its last position. Today, since it has been warm the valve did not show signs of freezing. However, operations is concerned if the valve is left in the closed position, it will freeze shut and they would not be able to make up to the drywell. **I am currently trying to locate notifications written against this valve.**

If you need anymore information please let me know.

>>> Scott Barber 11/06/03 02:12PM >>>

A recent HC ARB asked the HC RIs to verify the valve lineup for the makeup of hydrogen to the main generator and the makeup of nitrogen to the drywell. It has been alleged that the yard valves for this system have been left open to allow NEOs to makeup without having to go out in the yard. As we discussed today, please coordinate with operations to verify the positions of valves in the yard for these systems.

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