

**MP 608 – Marshall, Michigan Incident
NTSB/PHMSA Information Request No. 50**

50 Reference: Email Request of September 3, 2010 from Matthew Nicholson

Preamble:

Request: The NTSB has information from the alarm logs indicating that the Marshall Station PLC initiated a local shutdown due to Low Suction pressure. Control room transcripts imply that the controller initiated a shutdown of the Marshall Pump station. Please clarify which is accurate (PLC shutdown or Operator shutdown) and how this determination was made (e.g. alarm logs, alarm logs and interviews). Is the station shutdown, the “station cascade pressure shutdown” that appears on the alarm screenshots for the Marshall Pump Station?

Response: The PLC shut down Unit 2 at Marshall at 14:58:42 due to low suction pressure. The alarm log can take up to approximately 20 seconds to update. Coincidentally, the operator sent a stop command at 14:58:55 or 13 seconds later.