

Exhibit RMP___(DMR-1R)

DPU Data Request 57.1

Plant Additions: Please refer to the “U2 Duct Replacement” APR document provided in the Company’s response to DPU 32:

- (a) What was the exact date and time Huntington Unit 2 went offline due to the coal mill explosion?
- (b) Please explain how many months the Huntington Unit 2 will be or was offline due to the coal mill explosion.
- (c) Please explain in detail the impact on NPC of not being able to run Huntington Unit 2 versus having the unit fully operational.
- (d) Please explain in detail the cause of the coal mill explosion.
- (e) Could this explosion have been prevented? If not, please explain why not.
- (f) Will any of the costs of this capital addition be covered by insurance? If not, please explain why not.
- (g) Will any of the costs incurred by the Company as a result of this explosion be covered by insurance? If not, please explain why not.

Response to DPU Data Request 57.1

- (a) The unit went offline on November 30, 2011 at 05:45.
- (b) The unit returned to service on December 14, 2011 at 19:50.
- (c) The referenced incident occurs after the 48 month historical period ending June 2011 which was used to develop the normalized thermal outage rates for the test period. Therefore, it has no impact on the Company’s normalized NPC forecast.
- (d) At 05:45 unit 2 tripped on loss of generator stator coolant. During the subsequent furnace master fuel trip, the 2-1, 2-2, 2-3, 2-4 and 2-5 coal mills received damage from a positive furnace pressure excursion.
Sequence of events is as follows:
05:10 - unit ramped to full load
05:43:16 - #2 loss of stator flow runback alarm
05:43:18 - Turbine master rejected to manual initiating the runback.
05:43:37 - Furnace pressure started going negative then began swinging.
05:44:16 - 2-5 coal feeder stop initiated by operator.
05:44:19 - 2-5 coal mill tripped on loss of ignition permissive.
05:44:37 - 2-1 coal feeder stop initiated by operator.
05:44:53 - 2-1 coal mill tripped on loss of ignition permissive.
05:45:14 - Turbine/generator trip on loss of stator coolant.
05:45:45 - Furnace pressure reached maximum value of 21.7 in. w.c.
05:45:51 - Forced draft fans, Induced draft fans and booster fans tripped
05:46:04 - First coal mill explosion. Subsequent mill explosions were heard only moments apart.

A review of the event data indicates there was no loss of stator coolant to the generator. Stator cooling water pressure and stator bulk outlet temperature remained above the runback limits of 26.3 psig and 78°C respectively. The stator water flow also stayed above the runback level. The cause of the stator coolant runback cannot be specifically determined using the available data. However, it is suspect that it was a relay timing issue within the General Electric control cabinet. The relay system has been redesigned and installed.

The stator coolant runback resulted in a generator/turbine/boiler trip. The runback resulted in excessive boiler pressure. The 2-1, 2-2, 2-3, 2-4 and 2-5 coal mills and air inlet ducts were damaged due to internal explosions within the mills. The explosions were likely caused by high furnace pressure of 21.7 inches of water pushing high temperature furnace gasses down the coal pipes to the individual coal mills coming in contact with the coal dust that remained in the mills after the trip.

The root cause of the high furnace pressure is unknown at this time, but is likely induced draft or forced draft fan control related.

- (e) Yes. A coal mill steam inerting system was installed on all unit 2 coal mills during the fall 2011 overhaul. The steam inerting system is designed to prevent coal mill explosions. However it had not been commissioned at that time and was not in service. Commissioning of this system was scheduled for the week of December 5, 2011. Commissioning had to be rescheduled and now the coal mill steam inerting system is now in-service.
- (f) No. The policy deductible is \$7.5 million, which is more than the cost of the project.
- (g) No. Please refer to the Company's response to subpart (f) above. In addition, there is no insurance coverage for business interruption.