

FFT Summary

Caribou Self-Report- March 17, 2017

Entity	NBCRN	EUBVTN	Standard	Req	Compliance Issue	Risk Assessment	Mitigation Action
Caribou	NBCR004	2017001	VAR-002-4	R3	On March 17, 2017, Caribou submitted a Self- Report stating that, as a Generator Operator (GOP), it had a compliance issue relating to VAR-002-4 R3. VAR-002-4 R3 requires a GOP to notify its Transmission Operator (TOP) within 30 minutes of a change in status of its automatic voltage regulator (AVR). On March 15th, 2017, the Caribou AVR system automatically shut down at 3:50 am and was not noticed and restored until 6:30 am because of alarm failures. Caribou did not notify NB Power of the AVR shutdown until 4:07 pm later that day which exceeds the 30-minute notification requirement. The non-compliance began on March 15th, 2017 4:20 am (after the 30 minute window ended) and ended on March 15th, 2017 at 4:07 pm when Caribou notified NB Power of the shutdown.	The AVR was restored within 2 hours and 40 min during which time the operating voltage remained within NB Power's guidelines of $\pm 5\%$. As a result, the issue is deemed to have posed a lower risk to the reliability of the BPS. No harm is known to have occurred.	To mitigate this issue: 1) On March 17, 2017, the broken communication link was resolved and NB Power was provided the connectivity to receive alarm conditions. The faulty devices were reconfigured and restarted. The communication data points were successfully tested and verified with NB Power. 2) On March 17, 2017, Caribou added a step in their alarming procedure to ensure smartphone volume was turned up at all times so that audible alarms can be heard. 3) On March 17, 2017, Caribou changed their alarming settings so the phone call dial out system activates on an AVR shutdown, including those that may not involve a breaker trip.