PWU Interrogatory #14

Interrogatory

Reference 1: Exhibit F2, Tab 1, Schedule 1, Attachment 2, Page 6 of 101 (Excerpt of Reliability Metrics from Table 1)

Table 1: Plant Level Performance Summary

Metric	NPI Max	2019 Actuals			
		Best Quartile	Median	Pickering	Darlington
Reliability					
Rolling Average[2] WANO NPI (Index)[1]		92.68	87.64	82.50	88.90
Rolling Average[2] Forced Loss Rate (%)[1]	1.00	1.08	2.43	3.39	2.56
Rolling Average[2] Unit Capability Factor (%)[1]	92.00	87.06	86.14	83.31	87.06
Rolling Average[2] Chemistry Performance Indicator (Index)[1]	1.01	1.00	1.00	1.02	1.03
1-Year Online Deficient Maintenance Backlog (work orders per unit)[1]		30	39	114	110
1-Year Online Deficient Critical Backlog (work orders per unit)[1]		0	0	5	3
1-Year Online Corrective Maintenance Backlog (work orders per unit)[1]		2	3	9	4
1-Year Online Corrective Critical Backlog (work orders per unit)[1]		0	0	1	0

4th Quartile Performance	3rd Quartile Performance	2nd Quartile Performance	Maximum NPI points achieved or Best Quartile

Reference 2: Exhibit F2, Tab 1, Schedule 1, Attachment 6, Page 3 of 42

> Our current analysis shows that OPG, as of August 2019, is 239 FTEs (4.5%) *below* the total North America nuclear operator benchmark of 5,255 FTEs. The North American benchmarks have increased slightly since 2014 due to aging plants and a less-experienced workforce which required additional staff.

Question

a) If Assuming OPG's FTEs were at benchmark, what impact would that have on Pickering and Darlington's likelihood of achieving Best Quartile or 2nd Quartile Performance in the above metrics?

Response

a) OPG cannot speculate as to how increasing the number of full time equivalent ("FTE") staff to the benchmark would have impacted 2019 benchmarking performance for the reliability metrics shown in the table. Many factors impact reliability performance, such as asset age and equipment condition.