SEC Interrogatory #114

Interrogatory

Reference: E2-1-1, p.6

SEC seeks to understand the impact COVID-19 has had on the OPG's nuclear production:

a. For each of the 2020 and forecast 2021 production forecast, please explain each material event that had an impact on the production forecast caused by COVID-19 and the specific impact on production both in terms of days and also in TWh.
b. Please also explain, how, if any impact outlined in part (a) results in a change to the 2022 to 2026 production forecast as compared to a no-COVID-19 scenario.

Response

a. The impacts of OPG's response to COVID-19 on actual nuclear production in 2020 were as follows:
    - The start of refurbishment at Darlington NGS Unit 3 and immediately preceding planned outage was deferred by four months (119 days, 2.5 TWh);
    - A Darlington NGS Unit 1 planned outage was deferred from 2020 to 2021 (86 days, 1.8 TWh); and
    - A Pickering NGS outage was extended (8 days, -0.1 TWh).

    The impacts of OPG's COVID-19 response actions are as follows for the 2021 forecast production:
    - A Darlington NGS Unit 1 planned outage was deferred from 2020 to 2021 (86 days, -1.8 TWh);
    - The start of refurbishment at Darlington NGS Unit 1 was deferred by four months (78 days, 1.6 TWh), with further impacts of this deferral on 2022 as noted in part b); and
    - A Darlington NGS Unit 4 planned outage was added to support the adjustments to the refurbishment schedule (90 days, -1.9 TWh).

b. The start of refurbishment at Darlington NGS Unit 4 in 2023 was deferred by four months with the remainder of the impact of the deferral of Darlington NGS Unit 1 described in part a) reflected in 2022. The resulting impact of the deferrals on the return to service schedule for Units 3, 1 and 4 at Darlington NGS is fully captured in the production forecast for the 2023-2026 period.