Board Staff Interrogatory #105

Interrogatory

Reference:
Exhibit D2 / Tab 1 / Schedule 1 / Attachment 2

Preamble:

In OPG's 2017-2021 Payment Amounts Proceeding, OPG filed reports prepared by Burns McDonnell / Modus Strategic Solutions for the Nuclear Oversight Committee of OPG's Board of Directors. OPG also filed internal audit reports that were completed by OPG itself.

Question(s):

a) Please provide a copy of any reports / audit reports prepared by Burns McDonnell / Modus Strategic Solutions for OPG's Board of Directors since 2016 (that have not already been filed by OPG in the current application).

b) Is Burns McDonnell / Modus Strategic Solutions still retained by OPG to provide independent analysis of OPG nuclear project management effectiveness? If not, who is the successor to Burns McDonnell / Modus Strategic Solutions?

c) Please provide a copy of any reports / audit reports prepared by any successor of Burns McDonnell / Modus Strategic Solutions for the Nuclear Oversight Committee of OPG's Board of Directors since 2016 (that have not already been filed by OPG in the current application).

d) Please file OPG's Project Controls Audit – Project & Modifications Group Internal Audit Report dated March 9, 2016 on the record of this application.

e) Please provide the first execution business case budget and the final, or expected final, cost for all of the projects that were reviewed in the OPG's Project Controls Audit – Project & Modifications Group Internal Audit Report. Please also provide the actual or expected final in-service date for these projects.

f) Please file the 2nd Quarter 2014 Report to the Nuclear Oversight Committee of OPG's Board of Directors on the record of this application.

g) Please file the Supplemental Report to the Nuclear Oversight Committee – 2nd Quarter 2014 on the record of this application.

Response

The Nuclear Oversight Committee was dissolved and replaced by new committees of OPG's Board of Directors, including the Darlington Refurbishment Committee ("DRC") in May 2015 and the Generation Oversight Committee in February 2016. Burns McDonnell / Modus Strategic Solutions began acting as independent oversight to the DRC in 2015.

a) Please see Ex. L-D2-02-SEC-084.

b) No. As explained in Ex. D2-2-8, pp. 19-20, following the conclusion of the engagement with Burns McDonnell / Modus Strategic Solutions, the Refurbishment Construction Review Board ("RCRB") has been appointed to the role of Independent Advisor, reporting to the DRC.

c) Please see Ex. L-D2-02-SEC-084.

d) Please see Attachment 1.

e) There were 13 projects reviewed as part of OPG's Project Controls Audit, two of which are omitted in Chart 1, since they are projects from Nuclear Waste Management.

Chart 1

Project Number	Project Description	1st Execution BCS ($M)	Total Project Cost ($M)	In Service Date
31412	DN Class II UPS Replacement	38.4	63.6	March 2025
31422	DN Pressurizer Heaters & Controllers Replacement Project	11.5	13.9	December 2021
31426	DN F/H Inverter Replacement	13.9	26.2	April 2021
31508	DN Fukushima Phase 1 Beyond Design Basis Event (BDBE) Emergency Mitigation Equipment (EME)	29.1	55.5	April 2018
31710	DN Shutdown Cooling Heat Exchanger Replacement	56.1	111.4	December 2021
33623	DN Installation of Partial Discharge Monitors	7.1	5.6	May 2016

40682	PB U8 MOT Foundation Settlement	3.8	2.7	May 2014
40990	PN Bay Module Loader PLC Replacement[1]	1.2	1.1	Suspended
41027	PN Fukushima Phase 2 Beyond Design Basis Event (BDBE) Emergency Mitigation Equipment (EME)	46.3	49.7	November 2017
38419	DN Capping of D2O Collection Lines[2]	8.4	1.8	Cancelled
31516	DN Station Lighting Retrofit	16.9	20.7	January 2023

Note 1: Project #40990 is deferred and has a LTD spend of $1.1M, with remaining scope suspended.
Note 2: Project #38419 was subsequently cancelled.

f) and g)

See Attachment 2 (confidential) for the Supplemental Report to the Nuclear Oversight Committee – 2nd Quarter 2014.

The 2nd Quarter 2014 Report to the Nuclear Oversight Committee of OPG's Board of Directors is included as Exhibit 4 to the Supplemental Report on pp. 175-208.