AMPCO Interrogatory #83

Interrogatory

Reference: Ex D2 T2 S10 P9

The primary purpose of the D2O Storage Project is to support heavy water management for the DRP and, for the management of heavy water over the life of the Ontario nuclear fleet. 1,700 m3 of the 2,100 m3 of heavy water storage contained in the project will be used to support DRP; 400 m3 supports ongoing operations at Darlington and the TRF.

Please complete the following table:

D2O Storage Project Heavy Water Management Costs

Project Purpose	Forecast Cost 2011 $M	Forecast Cost 2015 $M	Forecast Cost 2018 $M	Actual Cost 2020 $M
1700 m3 storage to support DRP				
400 m3 storage ongoing operations at DNGS and TRP				
Total 2100 m3 storage				

Response

See Chart 1 below as requested:

Chart 1: D2O Storage Project Heavy Water Management Costs

	Forecast Cost 2011 $M	Forecast Cost 2015 $M	Forecast Cost 2018 $M	Actual Cost 2020 $M
1700 m3 storage to support DRP	N/A[a]	N/A[a]	N/A[a]	N/A[a]
400 m3 storage ongoing operations at DNGS and TRP	N/A[a]	N/A[a]	N/A[a]	N/A[a]
Total 2100 m3 storage	$210.6M[b]	$381.1M[c]	$510M[d]	$510M[e]

[a] Once the operational improvement project storage needs were merged with the DRP storage needs to form the D2O Storage Project, costs were calculated for the entire project, not separately for operational and DRP storage.
[b] Ex. D2-2-10, Attachment 2l, p. 2 – Note, while from 2011 as requested, this estimate was not approved.
[c] Ex. D2-2-10, Attachment 2p, p. 2.
[d] Ex. D2-2-10, Attachment 2q, p. 5.
[e] Ex. D2-2-10, p. 1, ft. nt. 1.