

1 Q. Re: Sinking Fund: Please identify each different decelerated, as referenced on page  
2 II-3 of Exhibit 1, and non-decelerated method of depreciation currently used in the  
3 industry. Further, explain and justify why each is decelerated or not.

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6 A. As indicated at page II-3 of the Gannett Fleming depreciation study, decelerated  
7 methods of depreciation are methods in which the calculations are designed to  
8 result in an increased amount of depreciation expense as the asset ages. In  
9 contrast, accelerated methods are designed to result in a reduced amount of  
10 depreciation expense as the asset ages. Straight-line or non-decelerated methods  
11 are designed to depreciate assets evenly through the consumption of the assets  
12 service life or consumption of units.

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14 Examples of decelerated methods would be the sinking fund methods and the  
15 reverse of the sum of the year's digits. Both of these methods are structured such  
16 that the smallest amount of depreciation expense occurs in the first year of the  
17 depreciation schedule and the largest in the last year. As described in the Gannett  
18 Fleming report starting at page II-4, the use of the sinking fund method gained  
19 prominence in the nuclear industry in the 1970s. However, given a Security  
20 Exchange Commission (SEC) mandate, most utilities reporting to the SEC  
21 discontinued its use in by the mid 1980s. Gannett Fleming is aware of only a very  
22 limited number of regulated Canadian utilities that were using the Sinking Fund  
23 method under Canadian GAAP. However, given the implementation of IFRS,  
24 Gannett Fleming is not aware of any regulated Canadian utility that still uses the  
25 sinking fund method since it is no longer acceptable. Even in the circumstance  
26 where a Canadian regulated utility has elected to report financial statements in  
27 accordance with US GAAP, the prohibition of the sinking fund method by the SEC

1 has precluded the use of the sinking fund method for those Canadian utilities as  
2 well.

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4 The reverse of the sum of the year's digits was used by a limited number of small  
5 utilities in the 1980s and 1990s, in circumstances where a start-up entity such as a  
6 pipeline was trying to attract long term contracts. In these circumstances the long  
7 term contracts usually provided for a significant exit penalty if the term of the  
8 contract was not sufficient to offset the decelerated depreciation mechanisms.  
9 Gannett Fleming is not aware of any regulated Canadian utility currently using this  
10 method of depreciation. The reverse of the sum of the year's digits is not  
11 acceptable under IAS 16.

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13 Examples of accelerated methods of depreciation would include the declining  
14 balance method, the sum of the year's digits method and in certain circumstances  
15 the unit of production method (if the production to which the asset is linked is  
16 estimated to decline over time). In these methods, the largest amount of  
17 depreciation expense would be in the asset's first year of service and the smallest  
18 amount would be in the asset's final year of the estimated depreciation schedule.  
19 The unit of production method is used by some natural resource based pipelines  
20 and gathering systems where the consumption of the service value of the asset is  
21 based on a depleting natural resource. Gannett Fleming is aware of at least one  
22 National Energy Board of Canada pipeline system that incorporates the use of the  
23 unit of production method. Additionally, it is noted that the unit of production  
24 method is specifically allowed by paragraph 62 of IAS 16 of the IFRS. The declining  
25 balance method is widely used in Canada as the basis for the Capital Cost Allowance  
26 deductions for Canadian income tax. Gannett Fleming is not aware of its use in the  
27 determination of revenue requirement by any regulated Canadian utility. Likewise

1 Gannett Fleming is not aware of any regulated Canadian utility that uses the sum of  
2 the year's digits method for revenue requirement purposes.

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4 It is the experience of Gannett Fleming that virtually all regulated Canadian utilities  
5 use a straight line (or non-decelerated) method of depreciation for regulatory  
6 purposes. The straight line method would incorporate the ASL (or average group  
7 life) procedure, the equal life group (ELG) procedure, amortization (or direct life  
8 method), and in most cases, the unit of production method. In general, the ASL  
9 procedure is used in British Columbia, Manitoba (however, Manitoba Hydro has  
10 applied to start using the ELG Procedure for both its electric and gas assets), and  
11 Ontario, some utilities in Quebec, the Northwest Territories, and one utility in the  
12 Yukon. The ELG procedure is used in Alberta, Saskatchewan, and Manitoba (as  
13 recently applied for), Quebec, Nova Scotia, New Brunswick, Prince Edward Island,  
14 Newfoundland, the Yukon and Nunavut. The use of amortization accounting  
15 methods is common for certain general plant accounts across Canada.