

1 Q. Please provide a revised Original Life Table and a revised Survivor Curve for account  
2 B02 which excludes the Roddickton assets and retirements, on the assumption that  
3 they are not representative of the full expected future life of boilers.

4

5 Please recalculate the appropriate life and dispersion with the Roddickton assets  
6 and retirements excluded from asset account B02.

7

8

9 A. This response has been provided by Concentric Advisors (Concentric).

10

11 Please refer to IC-NLH-155, Attachment 1 which has the Actuarial Retirement Rate  
12 derivation of the Original Life Table and the Survivor Curve. As discussed in Hydro's  
13 response to IC-NLH-154, Concentric placed a reduced weighting on the Roddickton  
14 retirements. With the removal of the above retirements, Concentric would not  
15 have changed its recommendation of an Iowa 40-R3.

NEWFOUNDLAND AND LABRADOR HYDRO  
DEPRECIATION STUDY

Placement Band 1956-2015

Experince Band 1965-2015

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0	70,231,168		0.0000	1.0000	100
0.5	70,137,735		0.0000	1.0000	100.00
1.5	69,218,304		0.0000	1.0000	100.00
2.5	69,135,617		0.0000	1.0000	100.00
3.5	67,758,844	0	0.0000	1.0000	100.00
4.5	66,863,796		0.0000	1.0000	100.00
5.5	65,506,295		0.0000	1.0000	100.00
6.5	64,184,236		0.0000	1.0000	100.00
7.5	59,966,281		0.0000	1.0000	100.00
8.5	54,489,872		0.0000	1.0000	100.00
9.5	54,489,872	0	0.0000	1.0000	100.00
10.5	45,768,177		0.0000	1.0000	100.00
11.5	45,768,177		0.0000	1.0000	100.00
12.5	45,768,177	328,432	0.0072	0.9928	100.00
13.5	45,439,745		0.0000	1.0000	99.28
14.5	45,031,090		0.0000	1.0000	99.28
15.5	45,031,090	42,746	0.0009	0.9991	99.28
16.5	44,714,746		0.0000	1.0000	99.19
17.5	44,714,746	292,387	0.0065	0.9935	99.19
18.5	43,412,932		0.0000	1.0000	98.54
19.5	43,383,798	338,428	0.0078	0.9922	98.54
20.5	43,045,370		0.0000	1.0000	97.77
21.5	43,045,370	629,544	0.0146	0.9854	97.77
22.5	42,231,334		0.0000	1.0000	96.34
23.5	42,066,888		0.0000	1.0000	96.34
24.5	42,066,888		0.0000	1.0000	96.34
25.5	42,066,888		0.0000	1.0000	96.34
26.5	37,715,238		0.0000	1.0000	96.34
27.5	37,234,903		0.0000	1.0000	96.34
28.5	37,066,712		0.0000	1.0000	96.34
29.5	36,922,122		0.0000	1.0000	96.34
30.5	36,885,398	564,681	0.0153	0.9847	96.34
31.5	36,231,939		0.0000	1.0000	94.87
32.5	34,026,361		0.0000	1.0000	94.87
33.5	33,958,330		0.0000	1.0000	94.87
34.5	33,644,077		0.0000	1.0000	94.87
35.5	15,993,526		0.0000	1.0000	94.87
36.5	15,971,096		0.0000	1.0000	94.87

NEWFOUNDLAND AND LABRADOR HYDRO  
DEPRECIATION STUDY

Placement Band 1956-2015

Experince Band 1965-2015

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
37.5	15,971,096		0.0000	1.0000	94.87
38.5	15,971,096		0.0000	1.0000	94.87
39.5	15,964,723		0.0000	1.0000	94.87
40.5	15,964,723		0.0000	1.0000	94.87
41.5	15,964,723	183,493	0.0115	0.9885	94.87
42.5	15,781,230		0.0000	1.0000	93.78
43.5	15,781,230		0.0000	1.0000	93.78
44.5	14,985,641		0.0000	1.0000	93.78
45.5	14,985,641		0.0000	1.0000	93.78
46.5	14,985,641		0.0000	1.0000	93.78
47.5					93.78

