

1 Q. Re Page B-75: indicate the total number of structures on which Hydro plans  
2 to install restraint systems, the structures which have been so equipped to  
3 date and the projection for the next three years of structures to be equipped.  
4 Provide the guidelines used to determine whether a permanent installation  
5 on a structure is required or whether temporary individual systems will be  
6 used.

7  
8  
9 A. Hydro intends to install fall restraint systems at approximately 230 locations.  
10 At the end of 2006 approximately 56 of these locations will have systems  
11 installed. Although the percentage of locations which will be addressed by  
12 the end of 2006 is only 25 percent of the total number, it represents, in effort  
13 and cost, over 50 percent of the work. The locations addressed to date are  
14 those which need to be accessed on a frequent basis and which have a high  
15 potential for injury, should a fall occur. The status of this project is as follows:

16  
17 Diesel Plants – Out of a total of 24 diesel plants 14 have had a fall restraint  
18 system installed, 2 have been assessed as not requiring a system, 3 are to  
19 be addressed in 2007 and the remaining 5 will be addressed in 2008. These  
20 are permanent systems, required when servicing roof-mounted equipment.

21  
22 Vertical Fuel Storage Tanks – All 20 of the vertical fuel storage tanks have  
23 had a fall restraint system installed.

24  
25 Horizontal Fuel Storage Tanks - None of the approximately 60 horizontal  
26 fuel storage tanks have had fall restraint systems installed. These tanks  
27 barely exceed the minimum height of 3 meters and have, to some degree,  
28 hand railing installed. These will be addressed in 2008.

1        Power Transformers – Only 4 out of a total of 73 power transformers have  
2        had the necessary fall arrest attachments installed. The remaining  
3        transformers will have attachments installed in 2007 and 2008.

4  
5        Hydro and Thermal Generation Plants – For the most part all necessary fall  
6        restraint systems have been installed at both of the Bay d'Espoir plants, at  
7        the Upper Salmon plant, at the Granite Canal plant and on several buildings  
8        at the Holyrood Thermal Plant. The plants at Hinds Lake, Cat Arm and  
9        Paradise River will have fall restraint systems installed in 2007/2008. Also,  
10       the remaining systems will be installed at the Holyrood Thermal Plant. There  
11       are a total of approximately 45 locations addressed or to be addressed in  
12       these plants.

13  
14       Regional Offices – Of 6 buildings at the various regional offices requiring fall  
15       restraint systems, 2 have had systems installed, 2 will have systems installed  
16       in 2007 and 2 will have systems installed in 2008.

17  
18       Permanent systems are installed on structures/equipment that need to be  
19       accessed on a regular basis for the completion of operational and  
20       maintenance tasks. For example, this would apply to fuel tanks that need to  
21       be accessed on a weekly basis to complete fuel reconciliation dipping as  
22       required by law. Also, roofs with mounted equipment that requires regular  
23       maintenance and repair would have permanent systems installed. Structures  
24       such as buildings which do not have roof-mounted equipment and would  
25       rarely be accessed, or where delayed access would not have a serious affect  
26       on Hydro's provision of service, would be addressed by temporary measures  
27       as the need arises.