1	Q.	Reference: Study, Section 5, page 23, lines 7-10
2		Preamble:
3 4 5 6 7		"The upgrades include the commissioning of the third synchronous condenser at Wabush Terminal Station, the installation of an additional 23 MVAR of shunt compensation"
8		What is the use and link to the replacement of transformers T4 and T5 with MBA units as
9		well as the installation of an additional 23 MVar? Are the two investments separate?
10		
11		
12	A.	The replacement of transformers T4 and T5 with larger 125 MVA units is to ensure that
13		there is no loss of load in the event of a power transformer outage. This is in accordance
L4		with the Transmission Planning Criteria developed for the "Labrador Interconnected
15		System Transmission Expansion Study."
16		
L7		In the current configuration, the loss of transformer T7 would result in an overload of
18		transformers T4, T5, and T6, even with a transfer of 50 MW from Bus B15 to Bus B13. By
19		replacing transformers T4 and T5 with larger transformers, this condition is eliminated.
20		
21		The installation of an additional 23 MVAr of capacitor banks is not related to the
22		replacement of transformers T4 and T5. This addition is to ensure no loss of load for
23		contingencies involving synchronous condensers or capacitor banks.