Page 1 of 1

Q.	Reference PUB-NLH-264, Attachment 4 and PUB-NLH-484: Please state whether or
	not Hydro still consider it acceptable for faults at Bay d'Espor to result in instability
	of the IIS, post LIL.
Α.	As per Hydro's response to PUB-NLH-484, it is accepted that under exceptional
	circumstances a three-phase 230 kV fault at Bay d'Espoir may result in instability of
	the IIS, post LIL.
	As stated, it is demonstrated that the system would remain stable for the three-
	phase fault at Bay d'Espoir during peak load conditions if all three high inertia
	synchronous condensers were in operation at Soldiers Pond. Also, there will be a
	requirement for all three of these units to be operational during the winter peak
	load period.
	As a result, the risk of system instability due to a 230 kV three-phase fault at Bay
	d'Espoir will be limited and for it to occur, the event would have to coincide with an
	unplanned outage of a synchronous condenser during a heavily loaded period in the
	winter season.
	Detailed operational studies will be completed in the next year to identify the
	inertia requirements and risks over the full range of operating scenarios. The results
	of these operational studies will shape the operating instructions, transfer limits
	and appropriate system configurations with the LIL in service to minimize the risk
	associated with the Bay d'Espoir fault.
	Q.