

1 Q. Please provide a copy of the results of the major overhaul inspection program in
2 2012 (i.e. excerpts related to the DC Pump).

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5 A. The following is the excerpt related to the DC pump contained in the Alstom report
6 related to the major overhaul in 2012.

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8 ***“Lube Oil tank / Pumps / Full Flow Filter System:***

9 *The lube oil tank was drained by the customer and cleaned out by ALSTOM. There*
10 *was a layer of sludge in the bottom of the tank and indications were that there is a*
11 *leak in the lube oil coolers.*

12 *The L.O. pumps were disconnected by the plant and the (2) AC motors and the (1)*
13 *DC motor were removed and sent to the customer's shop for inspections and repairs.*
14 *The L.O. pumps were disconnected in the oil tank and removed for inspection. The*
15 *bearings and impellers on the (3) pumps were disassembled and inspected. The DC*
16 *pump was found to be in good condition and no repairs were required. The bearings*
17 *on the AC pump were found to be in need of replacement. The impellers on both AC*
18 *were found to be cracked in the keyway. New impellers were ordered, but delays by*
19 *the supplier prohibited the installation of the impellers at this outage. As a result,*
20 *the oil impellers were repaired by cutting a new keyway 180 degrees from the*
21 *existing keyway and then doing a weld repair to the old keyways in the areas of the*
22 *cracks. The oil impellers were returned to service. The AC motors and DC motor were*
23 *refurbished by the customer's vendor and reinstalled by ALSTOM once the pumps*
24 *were installed in the tank. The customer re-wired the pumps.”*

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26 Please note that the above draft contains an error in that the DC motor was not
27 refurbished in 2012. Alstrom will be amending this section of the report.