

Date : 9/2/2011 5:10:01 PM

From : EMartin@nalcenergy.com

To : "Skinner, Shawn" , "Bown, Charles W."

Cc : "gbennett@nlh.nl.ca" , "ddalley@nlh.nl.ca" , "Thompson, Robert"

Subject : Fw: LCP Referral RFI Status Update: September 2

Attachment : RFI Update for PUB, Sep 2.docx;

Minister Skinner,

1. Thought it may be useful for you to get a copy of the weekly report (attached) we file with the PUB regarding the status of the PUB's and Manitoba Hydro's requests for information. The report indicates we have received 154 requests for information, and have provided a response to 125 of the 154, leaving 29 outstanding. Of the 29, 24 are scheduled to be responded to next week, and 5 are scheduled for the following week. One of the five scheduled for the following week is a comprehensive summary submission which may be somewhat delayed as we move to complete the Navigant work.

2. in addition, yesterday afternoon we received 18 more requests for information from Manitoba Hydro, which we are working to provide a schedule for completion.

3. This report is the document we use to discuss the status of requests for information during the week with the PUB and Manitoba Hydro.

4. For you information, further to our discussion, we took Manitoba Hydro on a tour of the Holyrood Generating Facility a couple of weeks ago.

Ed

— Forwarded by Ed Martin/NLHydro on 09/02/2011 04:44 PM —

From: David Harris/NLHydro

To: Gilbert Bennett/NLHydro@NLHydro

Cc: Ed Martin/NLHydro@NLHydro

Date: 09/02/2011 04:16 PM

Subject: Fw: LCP Referral RFI Status Update: September 2

FYI. Sent a minute ago.

Regards,

David

— Forwarded by David Harris/NLHydro on 09/02/2011 04:16 PM —

From: David Harris/NLHydro

To: mgreene@pub.nl.ca

Date: 09/02/2011 04:16 PM

Subject: LCP Referral RFI Status Update: September 2

Hi Maureen. Attached is the status update as of this afternoon for the lower Churchill RFI's. The update does not include the RFI's received yesterday as we are still assessing the work requirement, schedule and assignments for them. The next update should contain the expected delivery dates for those RFI's as well.

You will note that there are a fair number of RFI's targeted to be delivered next week. This is due to the fact that for a number of these RFI's the heavy lifting is done, and the responses developed and reviewed. The delay is to complete the quality assurance on the information.

With respect to the latest set of information requested, if there are any priority items, please advise so that we can dispatch resources accordingly.

Thanks,

David

The following tables provide an update on the status of the information requests contained within those letters, including, where applicable, anticipated filing dates.

Table 1: Board Letter of July 12, Documents to be filed week of July 11, 2011

Request	Status
1. Power and Energy Studies completed in the last 1990's and updates, if any.	CE 27 and CE 28 filed July 15, 2011
2. Optimization Studies completed in the late 1990's and updates, if any.	CE 29 and CE 30 filed July 15,2011
3. Reports on the d.c. system studies completed (may be addressed in a report requested in Item 6. below).	CE 31 filed July 15,2011 Some filed July 11, 2011
4. A report supporting the purchase price of Muskrat Falls energy by Hydro from Nalcor.	Filed (Batch 9 – August 11)
5. All reports referred to on page 4 of 39 of Appendix B Synopsis documents, i.e. MFIOIO through MF1330. Note: For MF1300, only Volume I is required at this time.	Filed July 11, 2011
6. All reports referred to on page 3 of 9 of Appendix C Synopsis document, i.e. DCIOIO, DCIO30 and DC1210.	Filed July 11, 2011
7. Reports related to the proposed shore electrodes.	Filed July 11, 2011
8. A summary report related to the evolution of the current HVDC transmission scheme	CE 32 filed July 15,2011
9. Reports related to the Strait of Belle Isle submarine cable crossing including, but not limited to, subsea surveys, landing points, cables routing, protection methods, etc.	Filed Exhibits 32-35, and CE 40-44
10. A report summarizing the components, corresponding cost estimates and scheduled expenditures related to the refurbishment of the Holyrood Thermal Generating Station out to 2067 as a generating station.	Exhibit 28 filed July 28, 2011
11. A report summarizing the components, corresponding cost estimates and scheduled expenditures related to the refurbishment of the Holyrood Thermal Generating Station out to 2067 as a generating station.	Exhibits 20-22 filed July 15,2011

Table 2: Board Letter of July 12, Documents to be filed after week of July 11, 2011

Request	Status
1. A report or similar documentation covering the details of the Planning Load Forecast.	Exhibit 27 filed July 28
2. A report on the a.c. system studies completed.	Exhibit 24 filed July 28.
3. A report with supporting documentation on the reliability data that has been incorporated into the analyses of the two alternatives under review.	Exhibit 26 filed on July 29 Exhibit 29 filed August 1
4. A report on the information and data collected for the combustion turbines.	Filed (Batch 7 – August 10)
5. A report on the information and data collected for the wind farms.	Exhibit 25
6. A project definition report or "Basis of Design Document" which summarizes the project elements, studies completed and cost estimates. (New request from Board)	Exhibit 30 filed August 1, 2011
7. A report related to the planned Operation and Maintenance programs planned for the generating plants, HYDe converter stations and other assets. Also, the capital plan and lifecycle cost estimates for equipment obsolescence. Report shall cover both alternatives. (New request from Board)	There is no report available, as the Operating and Maintenance costs for both alternatives are high level, and did not contemplate this level of detail. Estimates of operating and maintenance costs are included in the CPWs.

Table 3: Board Letter of July 12, Proprietary Information Requested

Request	Status
1. Report from PIRA Energy Group on fuel oil prices.	CE 33-35 filed July 15
2. A report from Global Insight on escalation rates and other relevant data.	CE 36 filed July 15.
3. A report covering a Risk Analysis which identifies all significant project risks, their prevention and mitigation strategies.	CE-52 filed August 17

Table 3: Board Letter of July 12, Other Request

Request	Status
A full submission by Nalcor explaining the Muskrat Falls Project and the Isolated Island Option will be submitted by the end of July	Schedule under review

Table 4: MHI Information Requests

Request	Status
MHI-Nalcor-1 (*)	Filed CE 37-39; balance Filed (Batch 8 – August 10)
MHI-Nalcor-2	September 13
MHI-Nalcor-3	September 13
MHI-Nalcor-4	Filed (Batch 4 – August 5)
MHI-Nalcor-5	Filed (Batch 1 – July 26)
MHI-Nalcor-6	Filed (Batch 4 – August 5)
MHI-Nalcor-7	Filed (Batch 2 – July 27)
MHI-Nalcor-8	Filed (Batch 3 – August 4)
MHI-Nalcor-9	Filed (Batch 4 – August 5)
MHI-Nalcor-10	Filed (Batch 1 – July 26)
MHI-Nalcor-11	Filed (Batch 4 – August 5)
MHI-Nalcor-12	Filed (Batch 15 – August 24)
MHI-Nalcor-13	Filed (Batch 10 – August 11)
MHI-Nalcor-14	Filed (Batch 2 – July 27)
MHI-Nalcor-15	Filed (Batch 7 – August 10)
MHI-Nalcor-16	Filed (Batch 11 – August 12)
MHI-Nalcor-17	Filed (Batch 7 – August 10)
MHI-Nalcor-18	Filed (Batch 3 – August 4)
MHI-Nalcor-19	Filed (Batch 3 – August 4)
MHI-Nalcor-20	Filed (Batch 3 – August 4)
MHI-Nalcor-21	Filed (Batch 3 – August 4)
MHI-Nalcor-22	Filed (Batch 1 – July 26)
MHI-Nalcor-23	Filed (Batch 2 – July 27)
MHI-Nalcor-24	Filed (Batch 1 – July 26)
MHI-Nalcor-25	Filed (Batch 2 – July 27)
MHI-Nalcor-26	Filed (Batch 1 – July 26)
MHI-Nalcor-27	Filed (Batch 2 – July 27) Rev Filed (Batch 7 – August 10)
MHI-Nalcor-28	Filed (Batch 5 – August 8)
MHI-Nalcor-29	Filed (Batch 1 – July 26)
MHI-Nalcor-30	Filed (Batch 2 – July 27)
MHI-Nalcor-31	Filed (Batch 1 – July 26)
MHI-Nalcor-32	Filed (Batch 1 – July 26)
MHI-Nalcor-33	Filed (Batch 1 – July 26)
MHI-Nalcor-34	Filed (Batch 2 – July 27)

MHI-Nalcor-35	Filed (Batch 3 – August 4)
MHI-Nalcor-36	Filed (Batch 12 – August 16)
MHI-Nalcor-37	Filed (Batch 5 – August 8)
MHI-Nalcor-38	Filed (Batch 8 – August 10)
MHI-Nalcor-39	Filed (Batch 7 – August 10)
MHI-Nalcor-40	Filed (Batch 5 – August 8)
MHI-Nalcor-41	Filed (Batch 9 – August 11)
MHI-Nalcor-42	Filed (Batch 9 – August 11)
MHI-Nalcor-43	Filed (Batch 8 – August 10)
MHI-Nalcor-44	Filed (Batch 8 – August 10)
MHI-Nalcor-45	Filed (Batch 11 – August 12)
MHI-Nalcor-46	Filed (Batch 7 – August 10)
MHI-Nalcor-47	Filed (Batch 8 – August 10)
MHI-Nalcor-48	Filed (Batch 4 – August 5)
MHI-Nalcor-49	Filed (Batch 6 – August 9)
MHI-Nalcor-50	Filed (Batch 7 – August 10)
MHI-Nalcor-51	Filed (Batch 8 – August 10)
MHI-Nalcor-52	Filed (Batch 13 – August 17)
MHI-Nalcor-53	Filed (Batch 4 – August 5)
MHI-Nalcor-54	Filed (Batch 4 – August 5)
MHI-Nalcor-55	Filed (Batch 8 – August 10)
MHI-Nalcor-56	Filed (Batch 8 – August 10)
MHI-Nalcor-57	Filed (Batch 8 – August 10)
MHI-Nalcor-58	Filed (Batch 14 – August 19)
MHI-Nalcor-59	Filed (Batch 12 – August 16)
MHI-Nalcor-60	Filed (Batch 9 – August 11)

Table 8: PUB Information Requests

Request	Status
PUB-Nalcor-1	Filed (Batch 4 – August 5)
PUB-Nalcor-2	Filed (Batch 4 – August 5)
PUB-Nalcor-3	Filed (Batch 4 – August 5)
PUB-Nalcor-4	Filed (Batch 4 – August 5)
PUB-Nalcor-5	Filed (Batch 7 – August 10)
PUB-Nalcor-6	Filed (Batch 8 – August 10)
PUB-Nalcor-7	September 7
PUB-Nalcor-8	September 7
PUB-Nalcor-9	September 7

Meeting Notes: Date 3 Aug 2011

Item	Action	Target date
1	MHI requested a Technical Note that explains the rational behind the decisions to change from the 1998 design regarding number of Kaplan Turbines and the dedicated transformers. It was noted that the current BoD made good sense however some explanation and clarification on the 1998 identified cost saving would be necessary. Nalcor will submit as a technical note and no formal written request will be issued by MHI	Exhibit 55 – Filed Batch 13 August 17
2	A technical note was requested by MHI regarding the capital cost estimate basis and assumptions with a section dealing with constructability considerations and other key inputs that can effect the estimate- No formal written request required from MHI (Combined with 4)	CE-51 – Filed August 11
3	MHI requested that a deck that was provided that assisted the discussion about the DG2 estimate process be sent to them- No formal written request required from MHI	Exhibit 49 – Filed (Batch 11 - Aug 12)
4	MHI requested that the ~15 line item estimate be provided to them with associated quantities (where applicable) supplied which underpin the line item estimate - No formal written request required from MHI but this would be reviewed in a meeting planned for 1:00 pm 4 August 2011 at Hydro Place. This meeting would also drill down on any specific line item that MHI identified to provide the required level of confidence by MHI in the application of the estimate process by Nalcor	CE-51 – Filed August 11
5	PUB and MHI recognized the effort being put in by Nalcor and will be advising of the priority RFI's- it was stated by MHI that many of the questions formally posed had in fact been answered during face to face sessions and therefore formal replies could follow after other priority questions were being dealt with.	completed
6	Update of 824 MW optimization of Muskrat Falls	September 9

Meeting Notes: Date 10 Aug 2011

Hydro Place: PUB review meeting

Item	Action	Target date
1	Nalcor to provide the following reports Island Pond & Granite Canal 1997 and 1988 Final Feasibility Study and Re-Optimization Study	Exhibit 52 & 53 Filed (Batch 13 Aug 17)
2	Round pond - 1998 Hydrology study – Provide up an update to this study if there is one.	F. Martin advised that no update was performed

3	Provide the 1985 PMF study that was done on the entire Bay d'Espoir system.	Exhibit 54 - Batch 14 - Aug 19
4	Two reports were provided for MHI to study and decide if they need to be filed in part or whole. Provide the following reports if required: GI 1190 Final Report (Hatch, 2008) and Acres International Limited (1998) Churchill River Complex, PMF Review and Development.	No longer required. (one report filed now under Aug 11: item 1)
5	Nalcor provided two extracts from reports (hydrology of Island Pond) for MHI review and to decide if they should be filed.	No longer required (one report filed now under Aug 10: item 1)
6	File the deck on the LIL design and system planning developments (August 8 th meeting request)	Exhibit 47 – Filed (Batch 9 – Aug 11)

Meeting Notes: Date 11 Aug 2011

Hydro Place: MHI Risk & Reliability meeting

Item	Action	Target date
1	Nalcor to provide the following report: HVdc System Reliability report by PTI 1981 – filed as an exhibit	Exhibit 48 - Filed (Batch 11 - Aug 12)
2	Nalcor requested to provide the following report: Reliability Study of the Strait of Belle Isle HVdc Cable System	MHI-Nalcor-94

Meeting Notes: Date 11 Aug 2011

Hydro Place: MHI Hydrology meeting

Item	Action	Target date
1	Nalcor to provide the following report: Churchill River Complex – PMF Review and Development Study (Vol 1 & 2)	Exhibit 50 & 51 Filed (Batch 12 – Aug 16)

PUB Information Requests – August 18

Request	Status
PUB-Nalcor-10	Filed (Batch 15 – August 24)
PUB-Nalcor-11	Filed (Batch 15 – August 24)
PUB-Nalcor-12	September 9, 2011
PUB-Nalcor-13	September 9, 2011
PUB-Nalcor-14	September 9, 2011
PUB-Nalcor-15	September 9, 2011
PUB-Nalcor-16	Filed (Batch 17 – August 29)
PUB-Nalcor-17	Filed (Batch 19 – September 2)
PUB-Nalcor-18	Filed (Batch 16 – August 26)
PUB-Nalcor-19	Filed (Batch 16 – August 26)
PUB-Nalcor-20	Filed (Batch 15 – August 24)
PUB-Nalcor-21	September 9, 2011
PUB-Nalcor-22	September 9, 2011

MHI Information Requests – August 18

Request	Status
MHI-Nalcor-61	Filed (Batch 19 – September 2)
MHI-Nalcor-62	September 9, 2011
MHI-Nalcor-63	Filed (Batch 17 – August 29)
MHI-Nalcor-64	September 9, 2011
MHI-Nalcor-65	Filed (Batch 18 – September 1)
MHI-Nalcor-66	Filed (Batch 18 – September 1)
MHI-Nalcor-67	September 9, 2011
MHI-Nalcor-68	Filed (Batch 18 – September 1)
MHI-Nalcor-69	Filed (Batch 15 – August 24)
MHI-Nalcor-70	Filed (Batch 18 – August 29)
MHI-Nalcor-71	September 13, 2011
MHI-Nalcor-72	Filed (Batch 19 – September 2)
MHI-Nalcor-73	Filed (Batch 15 – August 24)
MHI-Nalcor-74	September 6, 2011
MHI-Nalcor-75	September 9, 2011
MHI-Nalcor-76	Filed (Batch 17 – August 29)
MHI-Nalcor-77	Filed (Batch 15 – August 24)
MHI-Nalcor-78	Filed (Batch 19 – September 2)
MHI-Nalcor-79	September 9, 2011
MHI-Nalcor-80	September 9, 2011
MHI-Nalcor-81	September 9, 2011
MHI-Nalcor-82	September 8, 2011
MHI-Nalcor-83	September 9, 2011
MHI-Nalcor-84	September 9, 2011
MHI-Nalcor-85	September 9, 2011

MHI-Nalcor-86	September 9, 2011
MHI-Nalcor-87	Filed (Batch 19 – September 2)
MHI-Nalcor-88	September 9, 2011
MHI-Nalcor-89	September 16, 2011
MHI-Nalcor-90	Filed (Batch 17 – August 29)
MHI-Nalcor-91	Filed (Batch 17 – August 29)
MHI-Nalcor-92	Filed (Batch 19 – September 2)
MHI-Nalcor-93	Filed (Batch 17 – August 29)
MHI-Nalcor-94	Filed (Batch 15 – August 24)
MHI-Nalcor-95	Filed (Batch 17 – August 29)